

Organization, Administrative Practices and Written Documentation at Puzriš-Dagan during the Reign of Amar-Suen

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Conventions and Abbreviations

Conventions

1. This study is based on approximately 6,000 administrative documents from the ancient redistribution center Puzriš-Dagan. More than 95% of all published texts along with 261 unpublished texts have been available to me.

2. The transliteration conventions utilized in this thesis rely largely on the standards of the CDLI project (<http://cdli.ucla.edu>), and the Pennsylvanian Sumerian Dictionary (PSD). Sign-readings have been based on Ellermeier 1979-1980 and Borger 1981.

3. For a text quoted in the footnotes of this study, the following convention is used: Publication's abbreviation (space) Issue (space) Text number (colon “:”) Line number (period “.”) date with/without additions (parentheses “()”), for instance, PDT 1 365:3 (AS 1 vii 15, mu-DU ^dEn-lil₂-i₂-sa₆) or TRU 299:5 (AS 1 i 26). Two or more texts quoted in footnote are separated by the semicolon “;”, for example, TCL 2 4682:5 (AS 1 i 18, mu-DU A-la-ru-um sipa); BPOA 7 2656:2 (AS 1 i).

4. Any text cited in this dissertation is followed by its date in parentheses, e.g. BPOA 7 2656:2 (AS 1 i). If a text does not carry or preserve a date, the text will be marked as “undated”.

5. For texts with multiple prior publications, I select and quote them from the most current publication.

6. For duplicate texts, that is, two or more texts which recorded the same content, I cite them together connected with the equals sign “=”, for example, MVN 2 106 = OIP 121 313 (AS 5 xii 3).

7. All events and texts date to the reign of Amar-Suen unless otherwise specified.

8. All statements and texts deal with animals (not birds) unless otherwise specified.

9. The sign “+” followed by a number indicates that the number of animals would have been greater if not for damage on the corresponding tablet; however, the type of animal could be available from the same tablet. For instance, [x] udu can be indicated as 0+ sheep, and [x]+2 gu₄ can be indicated as 2+ oxen.

Abbreviations

1. The abbreviations used for the year date are:

Š	Šulgi
AS	Amar-Suen

SS	Su-Suen
IS	Ibbi-Suen
X	<i>date destroyed</i>
-	<i>date not given</i>
?	<i>questionable date</i>

Lower case Roman numerals are used for the month date, with “m(in)” or “d(iri)” where “second (month)” or “extra (month)” was used. While Arabic numerals are used for the day date, and a question mark “?” indicates uncertainty. For examples, AS 1 xii d 12? indicates “Amar-Suen, year 1, extra month 12, possibly day 12”.

2. Other abbreviations used in this thesis are:

DN	Divine Name
GN	Geographical Name
PN	Personal Name
PNr	Personal Name of royal families
B	Bureau or Bureaucratic official
S	Subject or animal
D	Destination
N	Number
x	uncounted number

3. Bibliographical abbreviations follow the CDLI recommendations (http://cdli.ox.ac.uk/wiki/doku.php?id=abbreviations_for_assyriology), with the following exceptions (for published texts):

Kricheldorf	Kilian Butz. <i>Auktionskatalog II</i> . Stuttgart, 1957.
BWath 6	Raphael Kutscher. “Neo-Sumerian Tablets from the Wadsworth Atheneum Collection”, <i>Bulletin Wadsworth Atheneum</i> 6-2, Pp. 41-64, 1970.
Fs Graefe	Hans Neumann. “Ein Ur III-Text aus Münsteraner Privatbesitz”, in <i>Ägypten - Münster. Kulturwissenschaftliche Studien zu Ägypten, dem Vorderen Orient und verwandten Gebieten. Donum natalilcium viro doctissimo Erharto Graefe sexagenario ab amicis collegis discipulis ex aedibus Schlaunstrasse 2/Rosenstrasse 9 oblatum</i> , edited by A. I. Blöbaum, et al, Pp. 213-214. Wiesbaden, 2003.
Fs Leichty	David I. Owen and Ewa Wasilewska. “Cuneiform Texts in Utah Collections”, in <i>If a Man Builds a Joyful House: Assyriological Studies in Honor of Erle Verdun Leichty</i> , edited by A. K. Guinan, et al, Pp. 259-296. CM 31. Leiden, 2006.

- Fs Lenoble Bertrand Lafont. “Les documents cunéiformes conservés au Musée archéologique de l'American University of Beirut”, in *La pioche et la plume. Autour du Soudan, du Liban et de la Jordanie. Hommages archéologiques à Patrice Lenoble*, edited by V. Rondot, et al, Pp. 155-181. Paris, 2011.
- Fs Pettinato Robert K. Englund. “Banks in Banning”, in *Von Sumer nach Ebla und zurück. Festschrift Giovanni Pettinato zum 27. September 1999 gewidmet von Freunden, Kollegen und Schülern*, edited by H. Waetzoldt, Pp. 35-44. Heidelberger Studien zum Alten Orient 9. Heidelberg, 2004.
- Fs. Lipinski David I. Owen. “Amorites and the location of BÀD{ki}”, in *Inmigration and Emigration within the Ancient Near East. Festschrift E. Lipinski*, edited by K. Van Lerberghe and A. Schoors, Pp. 213-219. Orientalia Lovaniensia Analecta 65. Leuven, 1995.
- Heisserer Daniel C. Snell. “Inscribed Materials: Cuneiform Inscriptions”, in *The Collection of the Stovall Museum of Science and History, the University of Oklahoma*, edited by A.J. Heisserer, Pp. 5-11. Classical Antiquities. Norman and London, 1986.
- LAOS 1 Hans Neuman. “Ur III Texte”, *Leipziger Altorientalistische Studien 1*, Pp. 9-34, 2011.
- PPAC 4 Tohru Ozaki and Marcel Sigrist. *Tablets in Jerusalem: Sainte-Anne and Saint-Étienne*. PPAC 4. Changchun, 2010.
- PPAC 5 Marcel Sigrist and Tohru Ozaki. *Administrative Ur III Texts in the British Museum*, 2 vols. PPAC 5. Changchun, 2013.
- Prima del’alfabeto Frederick M. Fales. *Prima dell'alfabeto: La storia della scrittura attraverso testi cuneiformi inediti*. Venezia, 1989.
- Princeton 2 Marcel Sigrist. *Tablets from the Princeton Theological Seminary: Ur III Period*, Part 2. Occasional Publications of the Samuel Noah Kramer Fund, 18. Philadelphia, 2005.
- Ripon Markus Hilgert. http://www.ripon.edu/clark_collection/cuneiform.html.
- Rocznik Toruniu M. Stepien. “Kolekcja neosumeryjskich tekstów klinowych w zbiorach Muzeum Okręgowego w Toruniu (Die Kollektion der neosumerischen Keilschrifttexte in den Sammlungen des Bezirksmuseums Torun)”, *Rocznik Muzeum w Toruniu* 9, Pp. 63-98, 1992.
- Van Kampen Markus Hilgert. <http://www.solagroup.org/vkc.html>.
- SDSU 2 Crystal J. Gamradt. “Adapting to Serve: South Dakota State College

- Responds to World War II”, *South Dakota History* 36, Pp. 66-87, 2006.
- Studies Szarzynska M. Stepień. “Three Neo-Sumerian Texts from a Private Collection in Poland”, in *Written on Clay and Stone: Ancient Near Eastern Studies Presented to Krystyna Szarzynska on the Occasion of her 80th Birthday*, edited by J. Braun, et al, Pp. 101-107. Warsaw, 1998.
- Zagreb Hans Neumann. “Die Keilschrifttexte in der Sammlung des Archäologischen Museums Zagreb”, *Vjesnik Arheoloskog Muzeja u Zagrebu*, 3. Serija 26/27, Pp. 125-144, 1993-1994.

For unpublished texts cited in this study, the abbreviations used for the museum or collection (number) are as follows:

Artemission	http://www.artemission.com/
ANM	Aleppo Museum, Aleppo, Syria
B2010	Badè Museum of Biblical Archaeology, Pacific School of Religion, Berkeley, California, USA
CAB.G	Boston Public Library, Boston, Massachusetts, USA
Erm	State Hermitage Museum, St. Petersburg, Russia
Hershey	Hershey Public Library, Hershey, Pennsylvania, USA
HS	Hilprecht-Sammlung, University of Jena, Germany
ICP	Institut Catholique, Paris, France
KM	Kelsey Museum, University of Michigan, Ann Arbor, Michigan, USA
Knox	Knox College, Galesburg, IL, USA
Lane Museum	A. V. Lane Museum, Bridwell Library, Southern Methodist University, Dallas, Texas, USA
Malter	Private Collection: Malter Galleries Inc. (antiquarian), Encino, CA, USA
MSR	Museum of Art and Archaeology, University of Missouri-Columbia, Columbia, Missouri, USA
Nesbit	Department of Near Eastern Studies, Cornell University, Ithaca, New York, USA
NM	Nicholson Museum, University of Sydney, Sydney, Australia
PH	Private: Hulin, Linda, Oxford, UK
SCU	Special Collections, St. Catherine University Libraries, Minneapolis-St. Paul, Minnesota, USA
UMo	Museum of Art and Archaeology, University of Missouri-Columbia, Columbia, Missouri, USA

USC Archaeological Research Collection, University of Southern California,
Los Angeles, California, USA

WCMA Williams College Museum of Art, Williamstown, MA, USA

Hixenbaugh Private: Hixenbaugh Ancient Art (antiquarian), New York, New York,
USA

Contents

Acknowledgements	i
Conventions and Abbreviations	iii
Contents	viii
List of Figures	xviii
List of Tables	xix
1 Introduction	1
1.1 Goals and significance.....	1
1.2 The Ur III Dynasty.....	1
1.3 Puzriš-Dagan.....	3
1.4 Previous research.....	6
1.5 Methodology.....	8
1.5.1 Quantitative approach.....	9
1.5.2 Prosopographical and onomastic analysis.....	10
1.5.3 Formulary.....	10
1.5.4 Bureaucracy.....	12
2 The “central bureau”	15
2.1 Nasa	16
2.1.1 The expenditure (ba-zi) of animals.....	16
2.1.1.1 For cultic purposes.....	17
2.1.1.2 For members of the royal household.....	18
2.1.1.3 For individuals.....	18
2.1.1.4 For the E’uzga.....	18
2.1.1.5 For the “kitchen”.....	18
2.1.1.6 For the “storehouse”.....	19
2.1.1.7 For feeding dogs.....	19
2.1.1.8 The ġiri ₃ or/and maškim officials.....	19
2.1.1.9 Formulary.....	19
2.1.2 The expenditure (i ₃ -dab ₅) of animals.....	21
2.1.3 The receipt of deliveries (mu-DU) of animals.....	22
2.1.3.1 The individual deliveries.....	22
2.1.3.2 Formulary.....	26
2.1.4 Summary.....	27
2.2 Aba-saga	28
2.2.1 The expenditure (ba-zi) of animals.....	28
2.2.1.1 For cultic purposes.....	29
2.2.1.2 For members of the royal household.....	33
2.2.1.3 For different individuals.....	34
2.2.1.4 For the E’uzga.....	43
2.2.1.5 For the “kitchen”.....	44
2.2.1.6 For the storehouse.....	46
2.2.1.7 For the “village” (e ₂ -duru ₅).....	46
2.2.1.8 For feeding dogs.....	46
2.2.1.9 For other purposes.....	47
2.2.1.10 The ġiri ₃ or/and maškim officials.....	48
2.2.1.11 The individuals attested in the concluding ġiri ₃ -formula.....	51
2.2.1.12 Formulary.....	52
2.2.1.13 Sub-summary.....	64

2.2.2	The expenditure (i ₃ -dab ₅) of animals transferred to bureaus and individuals	65
2.2.2.1	Subordinate bureaus	65
2.2.2.2	The provincial governors (ensi ₂)	79
2.2.2.3	Member(s) of the royal household	80
2.2.2.4	Persons with titles	81
2.2.2.5	Persons without titles	83
2.2.2.6	Formulary	86
2.2.2.7	Summary	92
2.2.3	The receipt of deliveries (mu-DU) of animals	92
2.2.3.1	The individual deliveries	93
2.2.3.2	Deliveries of animals from persons (ki PN-ta)	117
2.2.3.3	Additional deliveries of animals	120
2.2.3.4	Formulary	122
2.2.3.5	Brief summary	129
2.2.4	The expenditure (šu ba-ti) of animals received by individuals	131
2.2.5	The ki-bi gi ₄ -a-accounts issued by Aba-saga	131
2.2.5.1	The ki-bi gi ₄ -a-accounts with the day date formula	132
2.2.5.2	The ki-bi gi ₄ -a-accounts without the day date formula	135
2.2.6	The label issued by Aba-saga	142
2.2.6.1	The pisan dub-ba-labels	142
2.2.6.2	Two small labels	143
2.2.6.3	The additional labels	143
2.2.7	Additional activities issued by Aba-saga	143
2.2.7.1	The expenditure (kišib PN) of animals sealed by individuals	143
2.2.7.2	One multi-date record of transfer and sealing	144
2.2.7.3	A peculiar sealed text	144
2.2.7.4	One duplicated text (zi-ga) issued by Aba-saga	144
2.2.7.5	Appendix	144
2.2.8	Summary	144
2.3	Lugal-amarku	146
2.3.1	The expenditure (ba-zi) of animals	146
2.3.1.1	For cultic purposes	146
2.3.1.2	For members of the royal household	147
2.3.1.3	For different individuals	147
2.3.1.4	For the E'uzga	147
2.3.1.5	For the storehouse	147
2.3.1.6	For feeding dogs	147
2.3.1.7	For other purposes	147
2.3.1.8	The ġiri ₃ or/and maškim officials	148
2.3.1.9	Formulary	148
2.3.1.10	Brief summary	150
2.3.2	The expenditure (i ₃ -dab ₅) of animals transferred to bureaus and individuals	150
2.3.3	The receipt (i ₃ -dab ₅) of animals from the individual delivery (mu-DU)	152
2.3.4	The ki-bi gi ₄ -a-account and comparison with same-day texts	153
2.3.5	Summary	156
2.4	Intaea	158
2.4.1	Intaea as the associate official of the “central bureau” (AS 3 ix - AS 8 i)	158
2.4.1.1	The expenditure (ba-zi) of animals	159
2.4.1.2	The expenditure (i ₃ -dab ₅) of animals transferred to bureaus and individuals	168
2.4.1.3	Additional administrative activities or records issued by Intaea	170
2.4.2	Intaea as the principal official of the “central bureau” (AS 9 xi - AS 9 xii d)	172
2.4.2.1	The expenditure (ba-zi) of animals	173

2.4.2.2	Expenditure (i ₃ -dab ₅) of animals transferred to bureaus and individuals ...	174
2.4.2.3	The receipt (i ₃ -dab ₅) of animals from the individual delivery (mu-DU)	175
2.4.2.4	One ki-bi gi ₄ -a-account	179
2.4.3	Summary	180
2.5	Duga	182
2.5.1	The expenditure (ba-zi) of animals	182
2.5.1.1	For cultic purposes	182
2.5.1.2	For members of the royal household	182
2.5.1.3	For different individuals	183
2.5.1.4	For the E'uzga	183
2.5.1.5	For the "kitchen"	183
2.5.1.6	For the storehouse	185
2.5.1.7	For feeding dogs	185
2.5.1.8	The ĝiri ₃ and/or maškim officials	185
2.5.1.9	The concluding-ĝiri ₃ function	186
2.5.1.10	Formulary	186
2.5.1.11	Brief summary	191
2.5.2	The expenditure (i ₃ -dab ₅) of animals transferred to bureaus and individuals	191
2.5.3	Additional administrative activities issued by Duga	192
2.5.3.1	The balanced account (niĝ ₂ -kas ₇ -ak) issued by Duga	192
2.5.3.2	The pisan dub-ba-label issued by Duga	192
2.5.3.3	The receipt (i ₃ -dab ₅) of animals from deliveries (mu-DU)	192
2.5.4	Summary	192
3	The naGaBtum branch	194
3.1	Sub-organization (Twin A)	194
3.1.1	The Bureau of Ahuni	194
3.1.1.1	The expenditure (ba-zi) of animals	194
3.1.1.2	The expenditure (šu ba-ti) of dead animals accepted by Ur-niĝar	199
3.1.1.3	Dealing with the new-born animals (u ₃ -tu-da)	200
3.1.1.4	The receipt (i ₃ -dab ₅) of animals from the deliveries for Šulgi (mu-DU ^d Šulgi-ra)	200
3.1.1.5	Additional administrative activities issued by Ahuni	201
3.1.1.6	Summary	201
3.1.2	The Bureau of Šulgi-a'aĝu	202
3.1.2.1	The expenditure (ba-zi) of animals	202
3.1.2.2	The expenditure (šu ba-ti) of deal animals accepted by Ur-niĝar/Šulgi-iriĝu	215
3.1.2.3	The expenditure (i ₃ -dab ₅) of animals transferred to bureaus or individuals	216
3.1.2.4	Dealing with new-born (u ₃ -tu-da) animals	217
3.1.2.5	Additional administrative activities issued by Šulgi-a'aĝu	218
3.1.2.6	Summary	218
3.1.3	The Bureau of Šu-Mama	219
3.1.3.1	The expenditure (ba-zi) of animals	219
3.1.3.2	The expenditure (šu ba-ti) of dead animals accepted by Šulgi-iriĝu	223
3.1.3.3	The expenditure (i ₃ -dab ₅) of animals transferred to bureaus and individuals	224
3.1.3.4	Additional administrative activities	225
3.1.3.5	Summary	225
3.1.4	The Bureau of Zubaga	226
3.1.4.1	The expenditure (ba-zi) of animals	226
3.1.4.2	The expenditure (šu ba-ti) of dead animals accepted by Šulgi-iriĝu	232
3.1.4.3	The expenditure (i ₃ -dab ₅) of animals transferred to bureaus or individuals	233
3.1.4.4	Summary	233

3.2	Sub-organization (Twin B)	235
3.2.1	The Bureau of Lu-diġira the son of Inim-Šara	235
3.2.1.1	The expenditure (ba-zi) of animals	235
3.2.1.2	The expenditure (šu ba-ti) of dead animals accepted by Ur-niġar/Šulgi-iriġu	240
3.2.1.3	Dealing with new-born animals (u ₃ -tu-da)	241
3.2.1.4	The expenditure (i ₃ -dab ₅) of animals transferred to bureaus	242
3.2.1.5	The withdrawals (zi-ga) of animals	242
3.2.1.6	Summary	242
3.2.2	The Bureau of Ahu-Wer	244
3.2.2.1	The expenditure (ba-zi) of animals	244
3.2.2.2	The expenditure (šu ba-ti) of dead animals accepted by Šulgi-iriġu	249
3.2.2.3	The expenditure (i ₃ -dab ₅) of animals transferred to bureaus and individuals	251
3.2.2.4	Dealing with new-born animals (u ₃ -tu-da)	251
3.2.2.5	Summary	252
3.2.3	The Bureau of Igi-Enlilše	253
3.2.3.1	The expenditure (ba-zi) of animals	253
3.2.3.2	The expenditure (šu ba-ti) of dead animals accepted by Šulgi-iriġu	256
3.2.3.3	Summary	256
4	The officials for the Royal Court branch	257
4.1	The Bureau of Uta-mišaram	257
4.1.1	The expenditure (ba-zi) of animals	257
4.1.1.1	For cultic purposes	257
4.1.1.2	For different individuals	258
4.1.1.3	For the E'uzga	258
4.1.1.4	For the "kitchen"	258
4.1.1.5	For other purposes	258
4.1.1.6	The ġiri ₃ - and/or maškim official	258
4.1.1.7	Formulary	259
4.1.1.8	Brief summary	260
4.1.2	The expenditure (šu ba-ti) of dead animals accepted by Šulgi-iriġu	261
4.1.3	The expenditure (i ₃ -dab ₅) of animals transferred to bureaus	262
4.1.4	The pisan dub-ba-labels issued by Uta-mišaram	263
4.1.5	Summary	263
4.2	The Bureau of Turam-Dagan	265
4.2.1	The expenditure (ba-zi) of animals	265
4.2.1.1	For the "kitchen"	265
4.2.1.2	For transferring to a bureau	265
4.2.1.3	Formulary	265
4.2.2	The expenditure (šu ba-ti) of dead animals accepted by Šulgi-iriġu	265
4.2.3	Dealing with new-born (u ₃ -tu-da) animals	267
4.2.4	Summary	268
4.3	The Bureau of Tah(i)š-atal	269
4.3.1	The expenditure (ba-zi) of animals	269
4.3.1.1	For cultic purposes	269
4.3.1.2	For an individual	269
4.3.1.3	For the E'uzga	269
4.3.1.4	The ġiri ₃ - and/or maškim official	269
4.3.1.5	Formulary	269
4.3.2	The expenditure (šu ba-ti) of dead animals accepted by Šulgi-iriġu	270
4.3.3	The expenditure (i ₃ -dab ₅) of animals transferred to Duga	271
4.3.4	The pisan dub-ba-labels issued by Tah(i)š-atal	271

4.3.5 Summary	271
5 The Tummal branch	272
5.1 En-diġirġu	272
5.1.1 The expenditure (ba-zi, zi-ga) of animals	272
5.1.1.1 For cultic purposes	272
5.1.1.2 For members of the royal household	273
5.1.1.3 For different individuals	273
5.1.1.4 For the “kitchen”	274
5.1.1.5 For feeding dogs	275
5.1.1.6 The ġiri ₃ - and/or maškim official	275
5.1.1.7 Formulary	276
5.1.1.8 Brief summary	278
5.1.2 The expenditure (šu ba-ti) of dead animals accepted by Ur-niġar/Šulgi-iriġu	278
5.1.2.1 The administrative activities	278
5.1.2.2 Formulary	280
5.1.3 The expenditure (i ₃ -dab ₅) of animals transferred to bureaus and individuals	280
5.1.4 The receipt (i ₃ -dab ₅) of new-born (u ₃ -tu-da) animals	281
5.1.5 Summary	281
6 The Bureau of Enlila	282
6.1 The expenditure (ba-zi, zi-ga) of oxen	282
6.1.1 For cultic purposes	282
6.1.2 For different individuals	282
6.1.3 For the “kitchen”	283
6.1.4 For the storehouse	283
6.1.5 For feeding dogs	284
6.1.6 For other purposes	284
6.1.7 The maškim officials	284
6.1.8 Formulary	284
6.1.9 Brief summary	286
6.2 The expenditure (i ₃ -dab ₅) of oxen transferred to bureaus and individuals	287
6.3 The expenditure (šu ba-ti) of oxen accepted by Intaea	287
6.4 The receipt (i ₃ -dab ₅) of the deliveries (mu-DU) of oxen	287
6.5 The receipt (i ₃ -dab ₅) of oxen (from individuals)	288
6.6 Summary	289
7 The Bureau of Lu-diġira, son of Arad-hula	290
7.1 The expenditure (ba-zi) of animals	290
7.1.1 For cultic purposes	290
7.1.2 For members of the royal household	291
7.1.3 For one individual	291
7.1.4 For the E’uzga	291
7.1.5 For the “kitchen”	291
7.1.6 For the storehouse	291
7.1.7 For feeding dogs	291
7.1.8 The ġiri ₃ - and/or maškim official	291
7.1.9 Formulary	292
7.1.10 Brief summary	294
7.2 The expenditure (šu ba-ti) of dead animals accepted by Ur-niġar/Šulgi-iriġu	294
7.3 The expenditure (i ₃ -dab ₅) of animals transferred to bureaus and individuals	296
7.4 Summary	296
8 The Bureau of Lu-saga	297
8.1 The expenditure (ba-zi) of animals for cultic purposes	297
8.2 The expenditure (ba-zi) of animals for the “kitchen”	297

8.3	The expenditure (ba-zi) of animals for the prison (e ₂ -gu-la)	297
8.4	The expenditure (ba-zi) of animals for governors or temple perfects as the bala-fund	298
8.5	Formulary	298
8.6	Summary	300
9	The Bureau of Nalu	301
9.1	The expenditure (ba-zi) of animals	301
9.1.1	For cultic purposes	301
9.1.1.1	For deities	301
9.1.1.2	For the late deified kings	303
9.1.1.3	For additional cultic purposes	303
9.1.2	For members of the royal household	304
9.1.3	For different individuals	305
9.1.4	For the E'uzga	305
9.1.5	For the "kitchen"	306
9.1.6	For the storehouse	306
9.1.7	For the village	306
9.1.8	For feeding dogs	306
9.1.9	For the bala-fund	306
9.1.10	The ġiri ₃ - and/or maškim official	306
9.1.11	Formulary	308
9.1.12	Brief summary	312
9.2	The expenditure (šu ba-ti) of dead animals accepted by Ur-niġar/Šulgi-iriġu	312
9.3	The expenditure (i ₃ -dab ₅) of animals transferred to bureaus and individuals	314
9.3.1	Aba-saga	314
9.3.2	Intaea	314
9.3.3	Kamu	314
9.3.4	Lu-Bau	315
9.3.5	Lu-diġira-IS	315
9.3.6	Lu-saga	315
9.3.7	Zubaga	315
9.3.8	Arad-Amar-Suen	315
9.3.9	Ku-Ningal the temple perfect	315
9.3.10	Formulary	315
9.4	The receipt (i ₃ -dab ₅) of new-born animals (u ₃ -tu-da)	316
9.5	Summary	317
10	The Bureau of Nur-Suen	318
10.1	The expenditure (ba-zi) of equids for feeding dogs	318
10.2	The expenditure (ba-zi) of sheep transferred to individuals	318
10.3	The expenditure (i ₃ -dab ₅) of sheep transferred to an individual	319
10.4	Formulary	319
10.5	Summary	319
11	The Bureau of Šu-Erra	320
11.1	The expenditure (ba-zi) of equids	320
11.1.1	For cultic purposes	320
11.1.2	For different individuals	320
11.1.3	For feeding dogs	320
11.1.4	Formulary	321
11.2	The expenditure (šu ba-ti) of dead equids accepted by Ur-niġar/Šulgi-iriġu	322
11.3	The administrative activities dealing with sheep/goats	322
11.4	Appendix: The receipt (i ₃ -dab ₅) of new-born oxen/sheep from individuals	323
11.5	Summary	323
12	The Bureau of Šu-Idim	324

12.1	The expenditure (ba-zi) of equids	324
12.1.1	For cultic purposes	324
12.1.2	For different individuals.....	324
12.1.3	For feeding dogs.....	325
12.1.4	Transferring to an individual.....	325
12.1.5	The maškim official	325
12.1.6	Formulary	325
12.2	The expenditure (šu ba-ti) of dead equids accepted by Ur-niġar/Šulgi-iriġu.....	326
12.2.1	The administrative activity.....	326
12.2.2	Formulary	326
12.3	Summary	327
13	The Bureau of Ur-kununa	328
13.1	The expenditure (ba-zi) of animals	328
13.1.1	For cultic purposes	328
13.1.2	For members of the royal household.....	328
13.1.3	For different individuals.....	329
13.1.4	For the “kitchen”	329
13.1.5	For feeding dogs.....	329
13.1.6	For other purposes.....	329
13.1.7	Formulary	330
13.1.8	Brief summary.....	331
13.2	The expenditure (i ₃ -dab ₅) of animals transferred to bureaus and individuals.....	331
13.3	The receipt (i ₃ -dab ₅) of animals from delivery (mu-DU).....	332
13.4	Appendix: the receipt (i ₃ -dab ₅) of animals.....	332
13.5	Summary	333
14	The Bureau of Ur-šugalama	334
14.1	The expenditure (ba-zi) of oxen	334
14.1.1	For cultic purposes	334
14.1.2	For different individuals.....	335
14.1.3	For the “kitchen”	335
14.1.4	For other purposes.....	335
14.1.5	Appendix: with the formula ki Ur-šu-ga-lam-ma-ta	335
14.1.6	The ġiri ₃ - and/or maškim official.....	335
14.1.7	Formulary	336
14.1.8	Brief summary.....	337
14.2	The expenditure (i ₃ -dab ₅) of oxen transferred to bureaus and individuals.....	337
14.3	Appendix: the withdrawal (zi-ga) of animals.....	338
14.4	Summary	338
15	The Bureau of Ur-tur	339
15.1	The expenditure (ba-zi) of oxen	339
15.1.1	For cultic purposes	339
15.1.2	For the “kitchen”	339
15.1.3	Formulary	339
15.2	The expenditure (i ₃ -dab ₅) of oxen transferred to bureaus	340
15.3	The expenditure (šu ba-ti) of dead oxen accepted by Šulgi-iriġu	340
15.4	Additional administrative activities	341
15.4.1	Dealing with the new-born (u ₃ -tu-da) oxen	341
15.4.2	The receipt of oxen from the ox-barn	341
15.4.3	The pisan dub-ba-labels	341
15.5	Summary	341
16	Other Various Bureaus	343
16.1	Ahanišu.....	343

16.1.1 The expenditure (ba-zi) of animals for the “kitchen”	343
16.1.2 The balanced accounts (niĝ ₂ -kas ₇ -ak)	343
16.1.3 Appendix: Animals transferred (i ₃ -dab ₅) from bureaus/individuals to Ahanišu ..	344
16.2 Beli-ili	344
16.3 Beli-azu	344
16.4 Bululu	344
16.4.1 The expenditure (ba-zi) of equids	344
16.4.2 The transfer (i ₃ -dab ₅) of equids to Aba-saga	345
16.5 DU-ili	345
16.6 Enum-ili	345
16.7 Ku-Nanna	345
16.8 Kuli	345
16.9 Lu-Bau	346
16.10 Lu-Nanna son of Namhani (governor of Hamazi)	346
16.11 Lu-Utu	346
16.12 Lugal-ezem	347
16.13 Lugal-magure	347
16.14 Nanšekam	347
16.15 Sugali	347
16.15.1 The expenditure (šu ba-ti) of dead rare/wild animals accepted by Ur-niĝar	347
16.15.2 The formula ki PN-ta	348
16.16 Šeluš-Dagan	348
16.17 Šabi	348
16.18 Šu-ili	348
16.18.1 The expenditure (i ₃ -dab ₅) of animals transferred to individuals	348
16.18.2 The niĝ ₂ -kas ₇ -ak-account	348
16.19 Šulgi-iriĝu	349
16.20 Ubar	349
16.21 Ur-Bau	349
16.21.1 The expenditure (ba-zi) of animals	349
16.21.2 The expenditure (i ₃ -dab ₅) of animals transferred to individuals	349
16.21.3 To the royal place (ki lugal-še ₃ ku ₄ -ra)	349
16.21.4 Appendix: a homonymous individual Ur-Bau kuš ₇	350
16.22 Ur-Dumuzida	350
16.23 Ur-ešlila	350
16.24 Ur-ĝar	350
16.24.1 The expenditure (i ₃ -dab ₅) of animals transferred to individuals	350
16.24.2 The balanced account (niĝ ₂ -kas ₇ -ak)	351
16.25 Ur-Igalim	351
16.25.1 The expenditure (i ₃ -dab ₅) of animals transferred to Nur-Adad	351
16.25.2 The expenditure (šu ba-ti) of animals accepted by Nur-Adad	351
16.26 Ur-lugal	351
16.27 Ur-mes governor of Urusaĝrig	351
16.28 Ur-Nanše	352
16.28.1 The expenditure (i ₃ -dab ₅) of animals transferred to individuals (ki B-ta PN i ₃ -dab ₅)	352
16.28.2 The formula ki PN-ta	352
16.28.3 The receipt of deliveries of animals (mu-DU B i ₃ -dab ₅)	352
16.28.4 The receipt of animals (B i ₃ -dab ₅)	352
16.29 Ur-Ninmu/Nintu (in question)	352
16.30 Ur-saga	353
16.31 Ur-Šulpae lu₂ ur₃-ra	353
16.32 Ur-Siana the ox-herder	354

16.33 Ur-tilla saĝĝa.....	354
16.34 Uzinuri.....	354
16.35 Zazi.....	354
16.35.1 The transfer (i_3 -dab ₅) of animals to Ahanišu.....	354
16.35.2 The balanced account (niĝ ₂ -kas ₇ -ak).....	354
16.36 Appendix: the statistical list of the niĝ ₂ -kas ₇ -ak-accounts.....	355
17 The Probable Directors of Puzriš-Dagan	357
17.1 Naram-ili.....	357
17.1.1 The expenditure (i_3 -dab ₅) of animals transferred to different individuals.....	357
17.1.2 The receipt (i_3 -dab ₅) of animals from the deliveries (mu-DU).....	358
17.1.3 Summary.....	358
17.2 Lugal-itida.....	358
17.2.1 The expenditure (i_3 -dab ₅) of animals transferred to individuals.....	358
17.2.2 The expenditure (šu ba-ti) of animals accepted by Aba-saga.....	359
17.2.3 Appendix: the formula ki Lugal-iti-da-ta.....	359
17.3 Šarakam.....	359
17.3.1 The expenditure (i_3 -dab ₅) of animals transferred to individuals.....	359
17.3.2 The expenditure (šu ba-ti) of animals accepted by Babati.....	359
18 Conclusions	360
18.1 Organization.....	360
18.1.1 The “central bureau”.....	361
18.1.2 The subordinate bureaus.....	361
18.1.2.1 The first pattern of classification of subordinate bureaus.....	362
18.1.2.2 The second pattern of classification of subordinate bureaus.....	362
18.2 Administrative practices.....	363
18.2.1 The disbursement of animals for different purposes or destinations (ba-zi).....	365
18.2.1.1 For cultic purposes.....	366
18.2.1.2 For members of the royal household.....	367
18.2.1.3 For different individuals.....	367
18.2.1.4 For the E’uzga.....	368
18.2.1.5 For the “kitchen”.....	368
18.2.1.6 For the storehouse.....	370
18.2.1.7 For the village.....	370
18.2.1.8 For feeding dogs.....	370
18.2.1.9 For other purposes.....	370
18.2.2 The transfer of animals from one bureau to another or to individuals.....	371
18.2.3 The receipt of animals from the individual delivery (mu-DU).....	373
18.2.4 The expenditure of dead animals received by Ur-niĝar/Šulgi-iriĝu.....	376
18.3 Written documentations.....	379
18.3.1 The ba-zi formulary.....	380
18.3.2 The i_3 -dab ₅ formulary.....	382
18.3.3 The mu-DU formulary.....	383
18.3.4 The šu ba-ti formulary.....	384
18.3.5 The u_3 -tu-da formulary.....	385
18.3.6 Comparison and contrast among similar formulae.....	386
18.3.6.1 Four types of receivers/transfers (i_3 -dab ₅ , šu ba-ti).....	386
18.3.6.2 Two types of formulae with the terms both i_3 -dab ₅ and mu-DU.....	387
18.4 How is the Puzriš-Dagan organization functioned and operated?.....	389
Bibliography	392
Index	414
Divine Names.....	414
Geographical Names.....	414

Personal Names.....	416
Selected Sumerian Terms.....	423

List of Figures

1.1 A map of Mesopotamia during the Ur III period (2112-2004 BC).....	2
1.2 The tell of modern-day Drehem from satellite imagery.....	4
1.3 Chronological Distribution of Puzriš-Dagan Texts from the Reign of Amar-Suen.....	9
18.1 Statistics of the number of dead animals received by Ur-niĝar or/and Šulgi-iriĝu from bureaus.....	377
18.2 Yearly distribution of the dead animals received by Ur-niĝar or/and Šulgi-iriĝu from bureaus	378
18.3 Transaction of animals among the bureaus at the Puzriš-Dagan organization	391

List of Tables

1.1 Occurance of bureaus in various formulae.....	12
1.2 Bureaus and their attestation in extant texts.....	13
2.1 Distribution of ġiri ₃ or/and maškim officials responsible for the disbursals of animals by Nasa.....	19
2.2 Formulae attested in the disbursals of animals by Nasa.....	19
2.3 Formulae attested in the tranfers of animals by Nasa	22
2.4 Distribution of ġiri ₃ or/and maškim officials responsible for the disbursals of animals by Aba-saga.....	48
2.5 Formulae attested in the disbursals of animals by Aba-saga	55
2.6 Statistics of the number of animals disbursed by Aba-saga.....	65
2.7 Statistics of the number of animals transferred from Aba-saga to subordinate bureaus.....	79
2.8 Statistics of the number of animals transferred from Aba-saga to individuals with titles	83
2.9 Formulae attested in the transfers of animals by Aba-saga.....	88
2.10 Statistics of the number of animals transferred from Aba-saga to bureaus and individuals	92
2.11 Formulae attested in the receipts of the deliveries of animals by Aba-saga (Type A)	123
2.12 Formulae attested in the receipts of the deliveries of animals by Aba-saga (Type B).....	124
2.13 Formulae attested in the receipts of the deliveries of animals by Aba-saga (Type C).....	126
2.14 Formulae attested in the receipts of the deliveries of animals by Aba-saga (Type D)	128
2.15 Statistics of the number of the deliveries of animals received by Aba-saga.....	129
2.16 The ki-bi gi ₄ -a-account OIP 121 330 (AS 6 viii 1)	132
2.17 The ki-bi gi ₄ -a-account OrSP 47-49 98 (AS 6 xi 2).....	132
2.18 The ki-bi gi ₄ -a-account KM 89228 (AS 8 vii 3)	133
2.19 The ki-bi gi ₄ -a-account Princeton 2 325 (AS 9 iii 14)	133
2.20 The ki-bi gi ₄ -a-account AUCT 3 484 (AS 8 v 8).....	134
2.21 The ki-bi gi ₄ -a-account AS 27 63-64 (AS 2 i)	135
2.22 The ki-bi gi ₄ -a-account NYPL 345 (AS 2 v).....	135
2.23 The copies or duplicates of Text NYPL 345 (AS 2 v).....	136
2.24 The ki-bi gi ₄ -a-account OIP 121 248 (AS 5 vii)	137
2.25 The ki-bi gi ₄ -a-account RA 8 190 10 (AS 6 vi)	138
2.26 The copies or duplicates of Text RA 8 190 10 (AS 6 vi).....	138
2.27 The ki-bi gi ₄ -a-account Nisaba 8 90 (AS 7 x).....	139
2.28 The copies or duplicates of Nisaba 8 90 (AS 7 x).....	140
2.29 The ki-bi gi ₄ -a-account MVN 1 133 (AS 8 vii)	141
2.30 Statistics of the number of animals disbursed, transferred and received by Aba-saga	145
2.31 Distribution of ġiri ₃ or/and maškim officials responsible for the disbursals of animals by Lugal-amarku	148
2.32 Formulae attested in the disbursals of animals by Lugal-amarku	148
2.33 Statistics of the number of animals disbursed by Lugal-amarku	150
2.34 Formulae attested in the transfers of animals from Lugal-amarku	152
2.35 Statistics of the number of animals transferred from Lugal-amarku	152
2.36 The ki-bi gi ₄ -a-account PDT 1 344 (AS 8 iv 4)	153

2.37 The ki-bi gi ₄ -a-account AUCT 3 483 (AS 8 iv 6)	154
2.38 The ki-bi gi ₄ -a-account Princeton 2 443 (AS 8 iv 30).....	155
2.39 The ki-bi gi ₄ -a-account SAT 2 1106 (AS 8 v 3)	156
2.40 Statistics of the number of the animals disbursed, transferred and received by Lugal-amarku.....	156
2.41 Distribution of ĝiri ₃ or/and maškim officials responsible for the disbursals of animals by Intaea (AS 3 – AS 8)	163
2.42 Formulae attested in the disbursals of animals by Intaea (AS 3 – AS 8).....	164
2.43 Statistics of the number of animals disbursed by Intaea (AS 3 – AS 8)	168
2.44 Formulae attested in the transfers of animals from Intaea (AS 3 – AS 8)	169
2.45 Statistics of the number of animals transferred from Intaea (AS 3 – AS 8)	170
2.46 The ki-bi gi ₄ -a-account SAT 2 1062 (AS 7 xii)	171
2.47 Formulae attested in the disbursals of animals by Intaea (AS 9).....	173
2.48 Formulae attested in the transfers of animals from Intaea (AS 9)	175
2.49 Statistics of the number of animals transferred from Intaea (AS 9).....	175
2.50 Formulae attested in the receipts of the deliveries of animals by Intaea (AS 9).....	178
2.51 Statistics of the number of the deliveries of animals received by Intaea (AS 9)	179
2.52 The ki-bi gi ₄ -a-account Princeton 2 66 (AS 9 vii 21)	180
2.53 Statistics of the number of animals disbursed, transferred and received by Intaea	180
2.54 Distribution of ĝiri ₃ or/and maškim officials responsible for the disbursals of animals by Duga	185
2.55 Formulae attested in the disbursals of animals by Duga.....	186
2.56 Statistics of the number of animals disbursed by Duga	191
2.57 Formulae attested in the transfers of animals from Duga	192
2.58 Statistics of the number of animals disbursed, transferred and received by Duga.....	193
3.1 Distribution of ĝiri ₃ or/and maškim officials responsible for the disbursals of animals by Ahuni.....	196
3.2 Formulae attested in the disbursals of animals by Ahuni.....	197
3.3 Monthly distribution of dead animals accepted from Ahuni by Ur-niĝar	199
3.4 Distribution of ĝiri ₃ or/and maškim officials responsible for the disbursals of animals by Šulgi-a'aĝu	206
3.5 Formulae attested in the disbursals of animals by Šulgi-a'aĝu	208
3.6 Statistics of the number of animals disbursed by Šulgi-a'aĝu	214
3.7 Monthly distribution of dead animals accepted by Ur-niĝar/Šulgi-iriĝu from Šulgi-a'aĝu.....	215
3.8 Formulae attested in the transfers of animals from Šulgi-a'aĝu	216
3.9 Distribution of ĝiri ₃ or/and maškim officials responsible for the disbursals of animals by Šu-Mama	220
3.10 Formulae attested in the disbursals of animals by Šu-Mama.....	221
3.11 Statistics of the number of animals disbursed by Šu-Mama	223
3.12 Monthly distribution of dead animals accepted by Šulgi-iriĝu from Šu-Mama	224
3.13 Formulae attested in the transfers of animals from Šu-Mama	224
3.14 Distribution of ĝiri ₃ or/and maškim officials responsible for the disbursals of animals by Zubaga.....	229
3.15 Formulae attested in the disbursals of animals by Zubaga.....	230
3.16 Statistics of the number of animals disbursed by Zubaga.....	232
3.17 Monthly distribution of dead animals accepted by Šulgi-iriĝu from Zubaga	233
3.18 Formulae attested in the transfers of animals from Zubaga	233
3.19 Distribution of ĝiri ₃ or/and maškim officials responsible for the disbursals of animals by Lu-diĝira-IS.....	238

3.20	Formulae attested in the disbursals of animals by Lu-diĝira-IS.....	238
3.21	Statistics of the number of animals disbursed by Lu-diĝira-IS.....	240
3.22	Monthly distribution of dead animals accepted by Ur-niĝar/Šulgi-iriĝu from Lu-diĝira-IS.....	241
3.23	Formulae attested in the transfers of animals from Lu-diĝira-IS.....	242
3.24	Distribution of ĝiri ₃ or/and maškim officials responsible for the disbursals of animals by Ahu-Wer.....	247
3.25	Formulae attested in the disbursals of animals by Ahu-Wer.....	247
3.26	Statistics of the number of animals disbursed by Ahu-Wer.....	249
3.27	Monthly distribution of dead animals accepted by Šulgi-iriĝu from Ahu-Wer.....	250
3.28	Formulae attested in the transfers of animals from Ahu-Wer.....	251
3.29	Distribution of ĝiri ₃ or/and maškim officials responsible for the disbursals of animals by Igi-Enlilše.....	254
3.30	Formulae attested in the disbursals of animals by Igi-Enlilše.....	254
3.31	Statistics of the number of animals disbursed by Igi-Enlilše.....	255
3.32	Monthly distribution of dead animals accepted by Šulgi-iriĝu from Igi-Enlilše.....	256
4.1	Distribution of ĝiri ₃ or/and maškim officials responsible for the disbursals of animals by Uta-mišaram.....	258
4.2	Formulae attested in the disbursals of animals by Uta-mišaram.....	259
4.3	Statistics of the number of animals disbursed by Uta-mišaram.....	260
4.4	Monthly distribution of dead animals accepted by Šulgi-iriĝu from Uta-mišaram.....	261
4.5	Formulae attested in the transfers of animals from Uta-mišaram.....	263
4.6	Formulae attested in the disbursals of animals by Turam-Dagan.....	265
4.7	Monthly distribution of dead animals accepted from Turam-Dagan by Šulgi-iriĝu.....	266
4.8	Formulae of the acceptations of dead animals by Šulgi-iriĝu from Turam-Dagan.....	266
4.9	Formulae attested in the disbursals of animals by Tah(i)š-atal.....	270
4.10	Monthly distribution of dead animals accepted by Šulgi-iriĝu from Tah(i)š-atal.....	270
5.1	Distribution of ĝiri ₃ or/and maškim officials responsible for the disbursals of animals by En-diĝirĝu.....	275
5.2	Formulae attested in the disbursals of animals by En-diĝirĝu.....	276
5.3	Statistics of the number of animals disbursed by En-diĝirĝu.....	278
5.4	Monthly distribution of dead animals accepted by Ur-niĝar/Šulgi-iriĝu from En-diĝirĝu.....	279
5.5	Formulae attested in the transfers of animals from En-diĝirĝu.....	280
6.1	Formulae attested in the disbursals of animals by Enlila (Multiple days: Type α).....	284
6.2	Formulae attested in the disbursals of animals by Enlila (Multiple days: Type β).....	285
6.3	Formulae attested in the disbursals of animals by Enlila (Single day).....	286
6.4	Statistics of the number of animals disbursed by Enlila.....	286
6.5	Formulae attested in the transfers of animals from Enlila.....	287
6.6	Formulae attested in the receipts of the deliveries of animals by Enlila.....	288
7.1	Distribution of ĝiri ₃ or/and maškim officials responsible for the disbursals of animals by Lu-diĝira-Ah.....	292
7.2	Formulae attested in the disbursals of animals by Lu-diĝira-Ah.....	292
7.3	Statistics of the number of animals disbursed by Lu-diĝira-Ah.....	294
7.4	Monthly distribution of dead animals accepted by Ur-niĝar/Šulgi-iriĝu from Lu-diĝira-Ah.....	295
7.5	Formulae attested in the transfers of animals from Lu-diĝira-Ah.....	296
8.1	Formulae attested in the disbursals of animals by Lu-saga (Type γ).....	299
9.1	Distribution of ĝiri ₃ or/and maškim officials responsible for the disbursals of animals by Nalu.....	306
9.2	Formulae attested in the disbursals of animals by Nalu.....	308

9.3 Statistics of the number of animals disbursed by Nalu	312
9.4 Monthly distribution of dead animals accepted by Ur-niĝar/Šulgi-iriĝu from Nalu.....	313
9.5 Formulae attested in the transfers of animals from Nalu	315
10.1 Formulae attested in the disbursals of animals by Nur-Suen	319
10.2 Formulae attested in the transfers of animals from Nur-Suen	319
11.1 Formulae attested in the disbursals of animals by Šu-Erra	321
11.2 Formulae attested in the transfers of animals from Šu-Erra.....	322
12.1 Formulae attested in the disbursals of animals by Šu-Idim	325
12.2 Monthly distribution of dead animals accepted by Ur-niĝar/Šulgi-iriĝu from Šu-Idim	326
13.1 Formulae attested in the disbursals of animals by Ur-kununa	330
13.2 Statistics of the number of animals disbursed by Ur-kununa.....	331
13.3 Formulae attested in the transfers of animals from Ur-kununa.....	331
14.1 Distribution of ĝiri ₃ or/and maškim officials responsible for the disbursals of animals by Ur-šugalama	335
14.2 Formulae attested in the disbursals of animals by Ur-šugalama	336
14.3 Statistics of the number of animals disbursed by Ur-šugalama	337
14.4 Formulae attested in the transfers of animals from Ur-šugalama	338
15.1 Formulae attested in the disbursals of animals by Ur-tur.....	340
15.2 Formulae attested in the transfers of animals from Ur-tur	340
18.1 Classification and chronology of the bureaus at the Puzriš-Dagan organization.....	360
18.2 Distribution of five types of transactions attested in bureaus	363
18.3 Statistics of the number of animals disbursed from bureaus for various purposes	365
18.4 Statistics of the number of animals transferred from a bureau to other bureau(s).....	371
18.5 Statistics of the number of animals received by central bureau from deliveries.....	373
18.6 Same-day texts involving the individual delivery	374
18.7 Basic pattern of five types of transaction	379
18.8 Distribution of the formulae (ba-zi) attested in different bureaus.....	380
18.9 Distribution of the formulae (i ₃ -dab ₅) attested in different bureaus.....	382
18.10 Distribution of the formulae (mu-DU) attested in different bureaus	383
18.11 Distribution of the formulae (šu ba-ti) attested in different bureaus.....	384
18.12 Distribution of the formulae (u ₃ -tu-da) attested in different bureaus.....	385

1 Introduction

1.1 Goals and significance

This dissertation aims to clarify the way that the Puzriš-Dagan organization functioned and was operated, by providing a comprehensive study of its organization, administrative practices and the written documentation dating to the reign of Amar-Suen, the third king of the Third Dynasty of Ur. This study depends on the most abundant textual data hitherto (approximately 6,000 administrative documents written in Sumerian), which constitute a promising source for Assyriological studies regarding the understanding of the political, socio-economic, and religious history of the ancient Near East. Specifically, by an initially systematical and statistical examination of the number of animals which were expended or received by the functionaries of the Puzriš-Dagan organization, this study will provide preliminary statistical evidence and data for historians to further understand ancient Near Eastern history and society. By a statistical analysis of text formulary and written documentation, this thesis also contributes to the understanding of ancient Mesopotamian bookkeeping. Consequently, by providing a prosopographical study of the enormous amount of animal transactions under the Puzriš-Dagan organization, one can further study the relationship between the Ur III court and its peripheries and vassal states, which represent an important chapter in the history of Mesopotamian diplomacy.

1.2 The Ur III Dynasty

Against the entirety of ancient Mesopotamian history, a history that spans approximately three thousand years (ca. 3300-330 BC), the Third Dynasty of Ur (i.e. Ur III Dynasty, or Ur III for short) only spans 109 years (2112-2004 BC)¹. This dynasty consists of the reigns of five kings: Ur-Namma, Šulgi, Amar-Suen, Šu-Suen and Ibbi-Suen².

Ur-Namma	18 years	2112-2095 BC
Šulgi	48 years	2094-2047 BC
Amar-Suen	9 years	2046-2038 BC
Šu-Suen	9 years	2037-2029 BC

¹ The dating in this study follows the middle chronology, for which see Reade 2001. The term “the Third Dynasty of Ur” (or “Ur III Dynasty”), followed Ur I and Ur II, stems from the tradition of the Sumerian King List, for which see Jacobsen 1939.

² For the reading of this personal name as Ur-Namma rather than Ur-Nammu, see Civil 1985: 27, note 1. The earlier readings of Ur-Namma, Šulgi, Amar-Suen and Šu-Suen were Ur-engur, Dungi, Bur-Sîn and Gimil-Sîn, respectively. Furthermore, for the reading of ^dEN.ZU as Suen (or Su'en) rather than Sîn, see Waetzoldt 1990a.

Following the collapse of the Akkadian empire and the expulsion of the Gutians, the center of power in southern Mesopotamia shifted to the cities of Uruk and Ur. It was Ur-Namma who founded a new dynasty with the capital in Ur (modern *Tell el-Muqejjir*), which was the so-called Ur III Dynasty. Between the reign of Ur-Namma and the first half reign of his successor Šulgi, the rulers devoted themselves to the unity of the city-states or provinces of Sumer and the conquest of the Akkadian areas. Subsequently, during the second half reign of Šulgi, the king subdued neighboring areas and extended his territory to the east and northeast by means of political alliances and military raids. By the reign of Amar-Suen, its third ruler, the Ur III Dynasty had been flourished and reached its peak, with thousands and thousands of administrative records but few military achievements, which were, in any case, of limited duration. From the reign of Šu-Suen to that of Ibbi-Suen, the Ur III Dynasty gradually weakened, collapsed, and finally was ended by the conquest of Elamites (see Figure 1.1).



Figure 1.1 _ A map of Mesopotamia during the Ur III period (2112-2004 BC), after Roaf 1990

The Ur III state was a highly centralized bureaucratic state. Its territory stretched east into Iran, and north towards the edge of northeastern Syria, northern Iraq and northwestern Iran, which consisted of three sections: the core, the periphery and the vassal states. The core of the Ur III Dynasty was obliged to pay the bala-tax to the central government, whereas inhabitants of the peripheries paid the tribute called *gun₂ ma-da*³.

³ See Steinkeller 1987, Sharlach 1999 and 2004.

The Ur III Dynasty is considered to be the best documented period in the entire history of the ancient Near East, even in all of antiquity. At present, at least 120,000 cuneiform tablets have been unearthed from the southern Iraq⁴, mainly from five sites: Umma, Girsu, Puzriš-Dagan, Ur and Nippur⁵. This dissertation focuses on the cuneiform tablets from Puzriš-Dagan.

1.3 Puzriš-Dagan

Puzriš-Dagan (modern *tall 'ad-duraihim*, Drehem)⁶ is a redistribution center for animals and various products. It was established by Šulgi, the second king of the Ur III Dynasty, in his 39th regnal year, and lasted until the second regnal year of Ibbi-Suen, the last king of the dynasty, spanning roughly 31 years. The early history of the Puzriš-Dagan organization is obscure. It is most probable that the original name of Puzriš-Dagan was identical with Esaġdana (E₂-saġ-da-na)⁷.

The site of the administrative center Puzriš-Dagan is located about eight kilometers southeast of Nippur (modern Nuffar)⁸, the religious center of the Ur III court (see Figure 1.2). After his visit to the site of Drehem (Puzriš-Dagan) between 1962 and 1966, Giorgio Buccellati wrote:

“The site has never been excavated systematically, and all tablets come from illicit diggings done mostly at the beginning of the century. However, the holes dug by the robbers are quite clearly in evidence, so that there can be little doubt that the tablets all come from the same area. This area lies in the northern part of the site, about 175 m. north of the central elevation. There do not seem to be traces of digging in this central elevation”⁹.

Many years later, Robert McC. Adams, in his survey on Drehem, wrote:

“Tell Drehem, ancient Puzriš- (or Sellush-) Dagan. 560 NW × 275 × 8.5, reaching this ht. only in a small eminence suggestive of a ziggurat near the SE end of site. Most of the area is less than 2 m in elevation. Surface very saline and spongy, sharply limiting surface collections, but extended search concentrating on spoil banks around old excavations or pits produced an adequate sample. Entire collection was consistent with an occupation limited to the Ur III-Larsa period”¹⁰.

Without the careful methodology of professional archaeological excavations, all of the cuneiform tablets from Puzriš-Dagan now in museums, educational and private collections are

⁴ See Molina 2008.

⁵ For other Ur III archives see, for example Garšana archives (Owen and Mayr 2007, Kleinerman and Owen 2009, and Owen 2011), Urusaġrig archives (Owen 2013a), and three minor archives (SI.A-a archive, Tūram-ilī archive and Ur-Nuska archive, most recently Garfinkle 2012).

⁶ PU₃.ŠA-iš-⁴Da-gan “unter dem Schutz Dagens”: Sallaberger 1999: 238-239 and Hilgert 2003: 1 (note 1). For the earlier reading of Puzriš-Dagan as Šelluš-Dagan, see Edzard 1973.

⁷ See Wilcke 1992, Steinkeller 2001, and Sharlach 2004: 12-14.

⁸ For the physical location of Puzriš-Dagan, see Tsouparopoulou 2008: 6-9.

⁹ Buccellati 1966: 281-282.

¹⁰ Adams 1981:269, No. 1001.

the results of looting and illicit excavations; as a result they lack clear archaeological context¹¹. The overwhelming majority of the tablets from Puzriš-Dagan record transactions dealing with animals, whereas there are several minor archives found also at the same site, such as the “Shoe Archive”, which involves the expenditures of shoes for the court, and the “Treasure Archive” which records the expenditures of silver rings and other precious metal objects for the court. A third sub-archive is the “Archive of Šulgi-simti”, also known as the “Early Drehem Series”¹². This study is a treatment of records exclusively involving animals¹³.

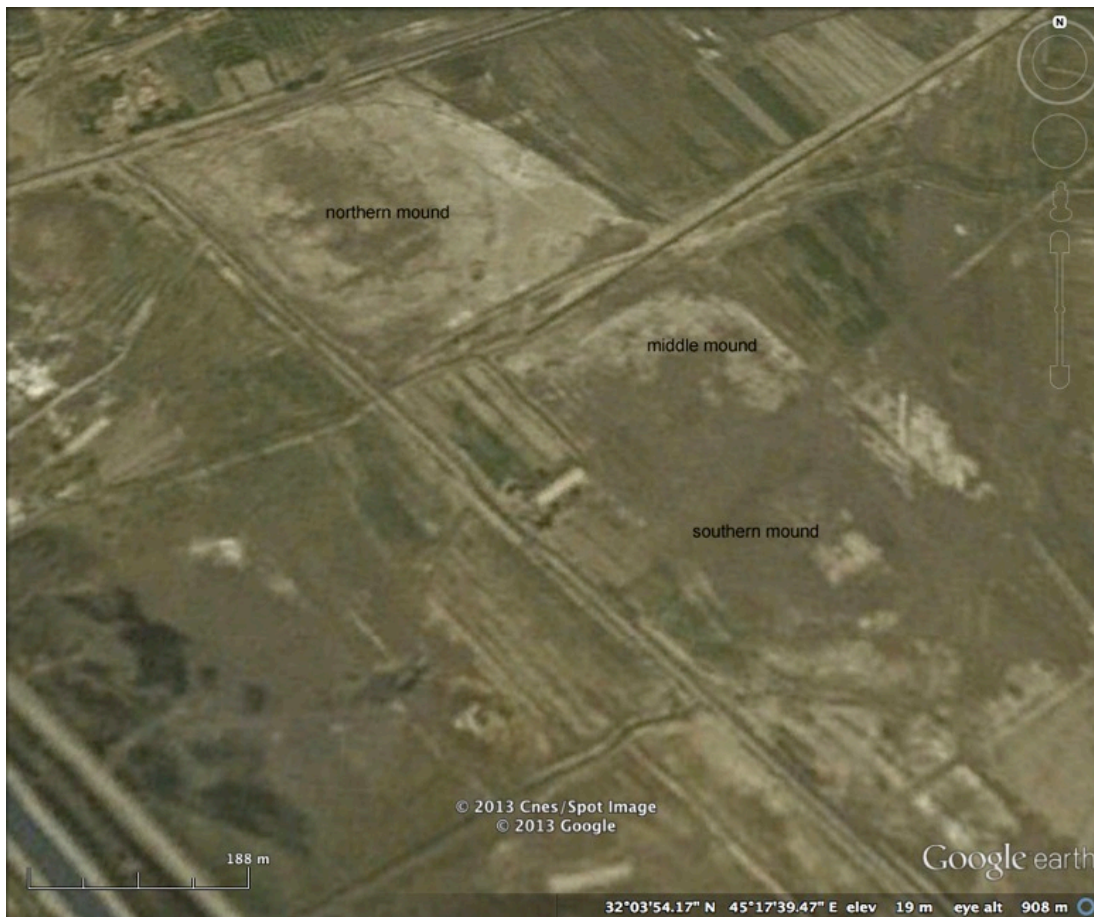


Figure 1.2 _ The tell of modern-day Drehem from satellite imagery: the site has three mounds and three public buildings, no domestic architecture – Elizabeth Stone (pers. comm.), courtesy of Christina Tsouparopoulou. Southern mound: ziggurat 70x45m; Middle mound: public building (storerooms?); Northern mound: administrative complex 200x100m. © 2013 Cnes / Spot Image, © 2013 Google

Since the first publication of tablets from Puzriš-Dagan in 1910 by François Thureau-Dangin entitled “La Trouvaille de Dréhem”¹⁴, an increasing number of editions of the tablets

¹¹ See the statistics by Molina (2008).

¹² For the comprehensive study of the “Treasure Archive” and the “Shoe Archive”, most recently see Paoletti 2012. For the discussion of the “Archive of Šulgi-simti”, recently see Weiershäuser 2008: 31-105 and Wang and Wu 2011: 41-60.

¹³ In this study, the animal terminology and its meaning follow the results of Landsberger 1960 (MSL 8/1), Landsberger 1962 (MSL 8/2), Heimpel 1995 and Steinkeller 1995a.

¹⁴ See Thureau-Dangin 1910.

from this site became available in the years to follow¹⁵. According to the statistical summary of Manuel Molina in 2008, there were 13,803 tablets from Puzriš-Dagan which accounted for 18.2 percent of all Ur III tablets¹⁶, however this number is still growing. Furthermore, the Cuneiform Digital Library Initiative (CDLI) gives a calculation of 16,099 tablets (as of 01-08-2014) with their provenance of Puzriš-Dagan, whereas the number available in the Database of Neo-Sumerian Texts (BDTNS) is 14,668 (as of 01-08-2014)¹⁷. The majority of the extant tablets from Puzriš-Dagan date to the reign of Amar-Suen, accounting for 41 percent based on CDLI (or 45 percent on the basis of BDTNS). A possible reason why so many extant tablets from Puzriš-Dagan date to Amar-Suen is that the period during the reign of Amar-Suen is the period with economic prosperity and development, the so-called “Golden Age” of the Ur III Dynasty.

	CDLI	BDTNS
Šulgi	4,095 (25%)	3,811 (26%)
Amar-Suen	6,634 (41%)	6,585 (45%)
Šu-Suen	2,508 (16%)	2,389 (16%)
Ibbi-Suen	522 (3%)	480 (3%)
Undated or date in question	2,340 (15%)	1,403 (10%)
Total	16,099 (100%)	14,668 (100%)

Amar-Suen, the third king of the Ur III Dynasty and the son of Šulgi, was on the throne for nearly nine years. Based on the year names of his regnal years, names which correspond to crucial events¹⁸, there is mention of the destruction of three cities (AS 2, 6, 7) and of the installation of four *en*-priests/priestesses (AS 4, 5, 8, 9), as well as the establishment of the throne of Enlil (AS 3).

AS 1	Amar-Suen became king
AS 2	Urbilum was destroyed
AS 3	The deified throne of Enlil was fashioned
AS 4	The <i>en</i> -priestess of Nanna (of Ur) was installed
AS 5	The <i>en</i> -priest of Inana (of Uruk) was installed
AS 6	Šašrum was destroyed
AS 7	Huhnuri was destroyed
AS 8	The <i>en</i> -priestess (of Enki) of Eridu was installed
AS 9	The <i>en</i> -priestess of Nanna of Karzida was installed

Furthermore, the calendar utilized in the Puzriš-Dagan organization is the so-called

¹⁵ For a comprehensive summary of the published tablets from Puzriš-Dagan through 1991, see Sigrist and Gomi 1991 and Sigrist 1992. Since then, see for example Hilgert 1998, Sallaberger 1999, Hilgert 2003, and Tsouparopoulou 2008.

¹⁶ See Molina 2008: 52.

¹⁷ Even though the dating and the provenance of some of these tablets remain questionable.

¹⁸ For detailed references to the year names during the reign of Amar-Suen, see Sigrist and Gomi 1991: 325-326 and Frayne 1997: 236-241.

“Reichskalender” (state calendar), a variation of the Ur III Ur calendar¹⁹. During the reign of Amar-Suen, the month names used are as follows:

i	iti maš-da ₃ -gu ₇	“Month of gazelle-eating (festival)”
ii	iti šeš-da-gu ₇	“Month of <i>šešda</i> -pig-eating (festival)”
iii	iti u ₃ -bi ₂ -gu ₇	“Month of <i>ubi</i> -bird-eating (festival)”
iv	iti ki-siki ^d Nin-a-zu	“Month of wool place of Ninazu”
v	iti ezem ^d Nin-a-zu	“Month of the festival of Ninazu”
vi	iti a ₂ -ki-ti	“Month of <i>akiti</i> (festival)”
vii	iti ezem ^d Šul-gi	“Month of the festival of Šulgi”
viii	iti šu-eš ₍₅₎ -ša	“Month of <i>šuešša</i> (festival)”
ix	iti ezem mah	“Month of the exalted festival”
x	iti ezem An-na	“Month of the festival of An”
xi	iti ezem ^(d) Me-ki-ġal ₂	“Month of the festival of Mekiġal”
xii	iti še-KIN-ku ₅	“Month of Harvest (festival)”

1.4 Previous research

The treatment of the tablets from Puzriš-Dagan is not exclusively made, but generally along with the study of various aspects of the Ur III Dynasty (even the entire history of ancient Mesopotamia). Since the year 1910 with the first publication of the administrative tablets from Puzriš-Dagan by Thureau-Dangin (1910), attention and interest in these tablets has steadily increased. Previous treatments of these texts have primarily employed two methods to investigate the texts: one was to exclusively publish the Puzriš-Dagan tablets with hand copies, transliterations, translations and/or comments for specific entries, such as Keiser 1971 (i.e. BIN 3), Yildiz and Gomi 1988 (i.e. PDT 2), and Politi and Verderame 2005 (i.e. Nisaba 8). The other was to publish comprehensive studies of the Puzriš-Dagan administration (extensively all aspects of the Ur III administration²⁰) considered from various angles (and occasionally together with the publication of corresponding tablets), for instance the studies most notably by Jones and Snyder (1961), Maeda (1989, 1993), Sigrist (1992), Sallaberger (1993, 1999), Hilgert (1998, 2003), Sharlach (1999, 2004), Allred (2006), and Tsouparopoulou (2008, 2013). The latter type has been utilized and adapted to this thesis.

Jones and Snyder (1961) presented, primarily, a tentative reconstruction of the Puzriš-

¹⁹ For the calendar utilized in Puzriš-Dagan, see Gomi 1979, Whiting 1979, Cooper 1987, Sallaberger 1993, Cohen 1993, and Wu 2002. For the Reichskalender, see Pomponio 1989. Note that there is also the intercalary month with the term *diri*.

²⁰ For instance, the specific aspects of the Ur III administration are: metal-working (Limet 1960), textiles (Waetzoldt 1972, Waetzoldt 2007, Waetzoldt 2010 and Waetzoldt 2011), agriculture (Maekawa 1992), food product (Brunke 2011), handicrafts (Neumann 1987, Wright 1998), fishery (Englund 1990), forestry (Steinkeller 1987a), animal husbandry (Stepień 1996), manual labor (Studevent-Hickman 2006), private enterprise (Garfinkle 2000 and Garfinkle 2012, Steinkeller 2004), sale transaction (Steinkeller 1989), merchant accounts (Snell 1982), taxation system (Sharlach 2004), and silver management (Ouyang 2008 and Ouyang 2013), etc.

Dagan administrative organization on the basis of a limited number of text materials available at the time. They did a preliminary prosopographical analysis of a number of officials of the Puzriš-Dagan organization, although some officials, such as Lugal-amarku, were not mentioned, and some conclusions and dating were not exact due to the limited material.

Maeda (1989, 1993) also presented a tentative reconstruction of the Puzriš-Dagan administrative center through dividing into three principal officials (“the receiving official, the delivering official, and the breeding official”) and a simple prosopographical study of several officials of the Puzriš-Dagan organization. He mainly emphasized the significant notion of the mu-DU texts and the alteration of their forms.

Sigrist (1992) attempted to offer a monographic study on the subject of the Puzriš-Dagan organization. Also based on the limited extant texts, he provided much prosopographical information on the officials of the Puzriš-Dagan organization, by arranging them in their chronological or alphabetical order. Furthermore, he focused on the treatment and interpretation for a great number of terminological issues and expressions attested in the Puzriš-Dagan texts. However, his treatment of the function of the bureaucratic practices in the Puzriš-Dagan organization was less in depth.

Sallaberger (1993) presented a thorough reconstruction of the Ur III cultic calendar which resulted from an analysis of the Ur III administrative texts, including the texts from Puzriš-Dagan. He also attempted to offer the systematic treatment of the cultic practices of the Puzriš-Dagan organization, such as the expenditure of animals for cultic purposes from various bureaus of the Puzriš-Dagan organization. Furthermore, Sallaberger (1999) made a detailed discussion of different archives of Puzriš-Dagan and a typological analysis of different types of formulae attested in the Puzriš-Dagan administrative documents.

Hilgert (1998, 2003) attempted to reconstruct the Puzriš-Dagan administrative center and the way this administrative center functioned, based primarily on the tablets from the Oriental Institute of the University of Chicago. He used the archival approach, as advocated by Gelb (1967), to divide the Puzriš-Dagan organization into various bureaus. In particular, he investigated and studied the issues, such as the naGaBtum branch, the formula ša₃ mu-DU-ra-ta “from delivery”, and the withdrawals of animals for the GAR₃.DU people.

Sharlach (1999, 2004) presented a systematic analysis of the bala-function of the Ur III Dynasty, and attempted to investigate the dynasty’s system of provincial taxation and the relationship between the provinces and the court. Based primarily on the texts from Umma and Lagash, her study also involved the administrative texts from Puzriš-Dagan documenting the bala taxation. In addition to this, Allred (2006) examined the organization and administration of the production of food in the Ur III period, a case study of the e₂ muhaldim “kitchen” at Puzriš-Dagan and Nippur.

Tsouparopoulou (2008, 2013) presented a synthesized reconstruction of the way that the Puzriš-Dagan organization functioned, mainly based on the sealed documents. Her study gave much prosopographical information for almost all of the officials of the Puzriš-Dagan organization. However, a detailed analysis and investigation for each official, based on data of all available corresponding texts was not provided. Finally, the important outcome of her study was the suggestion that the Puzriš-Dagan organization functioned not as a large animal stockyard, but as an archival repository.

It is worth pointing out that a systematical project named “Archives of Animal Center of Ur-III Dynasty in Draham” (AACUD) in China, principally investigated and supervised by Wu Yuhong of the Northeast Normal University, Changchun, has been initiated and worked since 2005. As a matter of fact, this project is a largely quantitative collection, which consists of a series of sub-projects. Each of its sub-projects is the reconstruction of the archive(s) of one or more officials at the Puzriš-Dagan organization. However, we still lack a systematical study, or even a case study, of the administration of the Puzriš-Dagan administrative center during the reign of Amar-Suen, studies which would help to clarify the way that the administration functioned and its overall significance.

This study relies heavily on the result of the above scholars. I have followed Hilgert’s approach to the division of the offices into bureaus, and his identifying Duga with the official of the “central bureau”. Also, I followed closely Tsouparopoulou’s practice in adding Šu-Mama, Zubaga and Igi-Enlilše into the naGaBtum branch. In contrast to earlier scholars, I divided the officials of the “central bureau” into the principal officials and the associate officials, and identified Lugal-amarku with the associate official of the “central bureau” of the Puzriš-Dagan organization. On the basis of all of the extant administrative documents from Puzriš-Dagan (published & unpublished), a case study of the way that the Puzriš-Dagan organization operated during the reign of Amar-Suen becomes feasible with the following methodological help.

1.5 Methodology

This dissertation, which aims to provide a clear picture of the organization and operation of the Puzriš-Dagan organization during king Amar-Suen’s reign, is principally based on the textual materials, namely extant thousands of administrative documents from Puzriš-Dagan. To achieve this goal, I compiled a Filemaker database of 5,920 tablets (including 261 unpublished tablets), a collection of all extant administrative documents from Puzriš-Dagan exclusively dealing with animals (not incl. birds) dated to the reign of Amar-Suen. Note that in this dissertation, all discussions and conclusions which are drawn will be heavily based on these 5,920 tablets compiled in my database, all of which will be cited or footnoted in this dissertation.

1.5.1 Quantitative approach

The application of the quantitative method and statistical analysis plays an important role in the study of administrative documents from the Ur III period²¹. In this dissertation, I apply the quantitative method for the statistical analysis of the chronological distribution of administrative documents issued by the Puzriš-Dagan organization, the amount and distribution of animals which officials of the Puzriš-Dagan organization dealt with, and the distribution of text formulae used in the records issued by different bureaus of the Puzriš-Dagan organization, and so forth. As an illustration, the following chart is the result of an elemental quantitative analysis of the chronological distribution of the extant administrative documents which were issued by the Puzriš-Dagan organization during the reign of Amar-Suen (from AS 1 to AS 9, with a few undated records but certainly dated to AS). All of these documents (5,920) were compiled within my own Filemaker database.

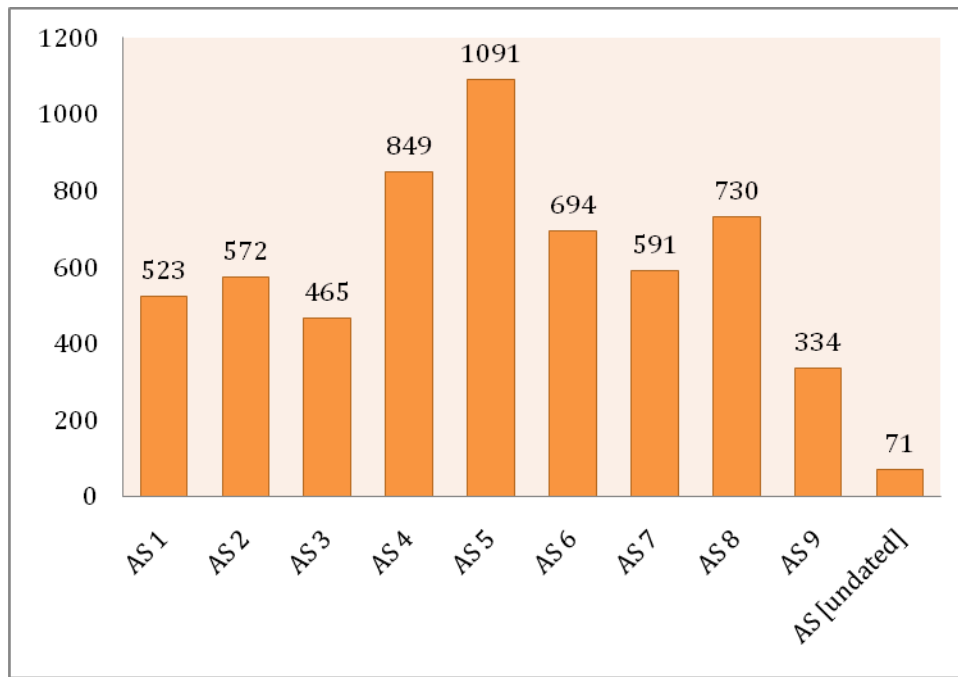


Figure 1.3 _ Chronological Distribution of Puzriš-Dagan Texts from the Reign of Amar-Suen

The chart (Figure 1.3) illustrates that between AS 1 and AS 5, the number of the administrative documents issued by the Puzriš-Dagan organization increased between 523 and 1,091 per year, with an interim low of 465 attested in the year AS 3. The absolute peak number of documents lies in the year AS 5 (1,091). Furthermore, followed by a slowly decreasing number of documents during the years AS 6 (694) and AS 7 (591), a second peak lies in the year AS 8 (730). And the year AS 9 marks the absolute low (334)²².

²¹ For the detailed discussion of quantitative methods, see Civil 1987: 53 and Hilgert 2003: 11-13.

²² For a similar analysis, see Civil 1987: 45 and Hilgert 2003: 12.

1.5.2 Prosopographical and onomastic analysis

This study applies a prosopographical analysis of those persons who are identified as the beneficiaries of animals disbursed (ba-zi) from the “central bureau” or from the subordinate bureaus of the Puzriš-Dagan organization, who delivered (mu-DU) animals which were received by the “central bureau”, and who took over (i₃-dab₅) animals from the bureaus of the Puzriš-Dagan organization. By classifying those individuals by their proveniences, by the titles that they held and by an onomastic and semantic analysis of their personal names, a prosopographical analysis can give answers to important questions, such as the relationship between these individuals and the officials of the Puzriš-Dagan organization, and more broadly, the relationship between the periphery and the core of the Ur III state. Furthermore, prosopography can trace the way that the above-mentioned individuals functioned and operated within the administrative institutions of the Ur III period, in order to reconstruct the bureaucratic organizations of the Ur III state²³.

1.5.3 Formulary

As for their written documentation, the administrative documents issued by the Puzriš-Dagan organization are recorded primarily with four types of text formulae: i₃-dab₅-type, ba-zi-type, šu ba-ti-type, and mu-DU-type²⁴. Among them, the former three types of formulae are attested in records documenting the expenditure of animals, whereas the last type is used in documents involving the receipt of animals. In general, these four types of formulae can be summarized as follows²⁵:

(1) The i₃-dab₅-type:

S	“animals”
ki PN1-ta	“from PN1”
PN2 i ₃ -dab ₅	“PN2 took”

In this type of formula, PN1 generally refers to an official of the “central bureau” or the subordinate bureau of the Puzriš-Dagan organization. However, PN2 refers either to an official of the “central bureau” or the subordinate bureau of the Puzriš-Dagan organization as a transferor of animals who transferred animals to the final destination(s), or to an individual who received animals as the final destination(s).

(2) The ba-zi-type:

²³ For the prosopographical analysis, compare with Dahl 2003, and see the project “The Prosopography of the Neo-Assyrian Empire (PNA)” of the University of Helsinki. For the onomastic analysis, see for example Hilgert 2002, Hilgert 2002a, Hilgert 2003a, Hilgert 2004a, and Andersson 2012.

²⁴ Apart from the four types of formulae, there are additional formulae which are attested in only a few records, such as u₃-tu-da, ki-bi gi₄-a-type, niĝ₂-kas₇-ak-type, as well as a few irregular or unclear formulae.

²⁵ For the general analysis of text formulae, see Kang 1972: 238-246 and Sallaberger 1999: 262-273, and most recently see Tsouparopoulou 2008: 85-96.

S	“animals”
D	“for destination”
ki PN-ta ba-zi	“from PN, disbursed”

This type of formula refers to occasions when animals were disbursed from PN (=bureau) for its/their final destination(s). Occasionally, it adds individual(s) who was/were responsible for the transaction, such as ġiri₃ PN “the ġiri₃-official”, and/or PN maškim “the maškim official”.

(3) The šu ba-ti-type:

S ba-uš ₂ /ug ₇	“dead animals”
ki PN1-ta	“from PN1”
PN2 šu ba-ti	“PN2 received”

The third type of formula shows that dead animals was/were received by PN2 from PN1. PN1 refers to an official of the subordinate bureau of the Puzriš-Dagan organization, whereas PN2 exclusively refers to two officials, either Ur-niġar or Šulgi-iriġu, during the reign of Amar-Suen.

(4) The mu-DU-type:

S	“animals”
PN1	“of PN1”
mu-DU	“delivery”
PN2 i ₃ -dab ₅	“PN2 received”

The fourth type of formula refers to occasions when PN2 received a delivery of animals from PN1. In this case, PN1 refers to the one who delivered animals. Note that PN2 exclusively refers to the official of the “central bureau” of the Puzriš-Dagan organization²⁶.

The above-mentioned four types of text formulae are attested in most of the records issued by the Puzriš-Dagan organization dating to the reign of Amar-Suen. The following chart presents the distribution of the documents which used these different types of formulae.

Formula	Texts	%
i ₃ -dab ₅	2,843	48.02
ba-zi	1,392	23.51
šu ba-ti	1,039	17.56
mu-DU	407	6.87
Additions	239	4.04
Total	5,920	100.00

The chart illustrates that near to one half of the records apply the i₃-dab₅-formula (48.02%). Furthermore, the expenditure records, represented by three types of formulae (i₃-dab₅, ba-zi, and šu ba-ti), account for 89.09% of all records.

²⁶ It adds to the bureaus of Ur-kununa, Naram-ili and Enlila, but lacks Duga.

1.5.4 Bureaucracy

The etymology of bureaucracy is from the French “bureau”, which “only emphasizes the feature of functional specialization in an administrative system organized by departments”²⁷. In this study, the term “bureaucracy” is utilized to reference the administrative infrastructure, organization and procedures affecting the functionaries serving the Ur III state; the Ur III state itself is considered a combination of the bureaucracy and the hereditary system (Tsouparopoulou 2008:13).

On the basis of the archival approach initially advocated by Gelb (1967), followed by Steinkeller (1982a) and Hilgert (1998, 2003), I classify the functionaries of the Puzriš-Dagan organization during the reign of Amar-Suen into one “central bureau” (including five officials: Nasa, Aba-saga, Lugal-amarku, Intaea and Duga) and 21 “major” subordinate bureaus, as well as numerous “minor” subordinate bureaus/functionaries. The questions are: how are bureaus chosen? What is the way to decide which bureau one administrative document from Puzriš-Dagan belongs to? What is the meaning of “major” and “minor” in this case?

The choosing and decision of a certain bureau is based on the following principles.

- a) For delivering texts (mu-DU), the bureau depends on who the receiver (PN i₃-dab₅) is.
- b) For texts dealing with new-born animals (u₃-tu-da), the bureau depends on who the received (PN i₃-dab₅) or the owner (ki PN) is.
- c) For expenditure texts (ba-zi, i₃-dab₅, šu ba-ti), the bureau depends on who the consumer (ki PN-ta) is. For zi-ga texts, the bureau also depends on who the consumer (ki PN) is.
- d) For large texts (ki-bi gi₄-a, niĝ₂-kas₇-ak) or labels (pisan dub-ba), the bureau depends on who the owner (ki-bi gi₄-a PN, niĝ₂-kas₇-ak PN, pisan dub-ba PN) is.

As the following formulae shown, the B refers to the bureau by which this text is issued (see Table 1.1).

Table 1.1 Occurance of bureaus in various formulae

mu-DU text:	S, PN mu-DU B i ₃ -dab ₅	
u ₃ -tu-da text:	S, u ₃ -tu-da B i ₃ -dab ₅	S, u ₃ -tu-da ki B
ba-zi text:	S ki B-ta ba-zi	
zi-ga text:	S zi-ga ki B	
i ₃ -dab ₅ text:	S ki B-ta PN i ₃ -dab ₅	

²⁷ See Morony 1987: 5. Also see Garfinkle 2008.

šu ba-ti text:	S ba-uš ₂ /ug ₇ ki B-ta PN šu ba-ti
ki-bi gi ₄ -a text:	ki-bi gi ₄ -a B
niġ ₂ -kas ₇ -ak text:	niġ ₂ -kas ₇ -ak B
pisan dub-ba text:	pisan dub-ba B

Furthermore, in this case, the “major” refers to that the number of the extant administrative documents from Puzriš-Dagan during the reign of Amar-Suen issued by some bureau is larger than (or equal with) ten. Similarly, the “minor” means that the extant administrative documents from Puzriš-Dagan during the reign of Amar-Suen issued by some bureau are less than ten texts.

Finally, the “central bureau” and 21 “major” subordinate bureaus, as well as the number of the extant texts issued by them, are listed as follows (see Table 1.2)²⁸:

Table 1.2 Bureaus and their attestation in extant texts

Bureau		Extant Text
Central bureau	Nasa	78
	Aba-saga	3,139
	Lugal-amarku	111
	Intaea	227
	Duga	111
NaGaBtum branch A	The Bureau of Ahuni	91
	The Bureau of Šulgi-a’aġu	348
	The Bureau of Šu-Mama	53
	The Bureau of Zubaga	88
NaGaBtum branch B	The Bureau of Lu-diġira-IŠ	171
	The Bureau of Ahu-Wer	118
	The Bureau of Igi-Enlilše	23
Royal court branch	The Bureau of Uta-mišaram	134
	The Bureau of Turam-Dagan	39
	The Bureau of Tah(i)š-atal	27
Tummal branch	The Bureau of En-diġirġu	160
The Bureau of Enlila		57
The Bureau of Lu-diġira-Ah		180
The Bureau of Lu-saga		18
The Bureau of Nalu		298
The Bureau of Nur-Suen		11
The Bureau of Šu-Erra		23
The Bureau of Šu-Idim		25
The Bureau of Ur-kununa		29

²⁸ For the “minor” subordinate bureaus, see Chapter 16.

Bureau	Extant Text
The Bureau of Ur-šugalama	30
The Bureau of Ur-tur	17

The chart illustrates that more than a half of the administrative documents (3,139) are issued by Aba-saga, the principal official of the “central bureau”. The number of the administrative documents issued by the officials of the subordinate bureaus is not too large, in which the largest number of texts are issued by Šulgi-a’āgu (348), followed by Nalu (298). However, these numbers are just tentative, and it is growing as new tablets published and found.

Furthermore, apart from the above-mentioned 22 bureaus and officers, there are 31 extant administrative documents issued by Naram-ili, nine issued by Šarakam, and six issued by Lugal-itida. The three individuals are identified with the probable directors of the Puzriš-Dagan organization one after another, outrank the officials of the “central bureau” during the reign of Amar-Suen.

In the following chapters, I will provide detailed and systematical discussions for each of the bureaus/functionaries.

2 The “central bureau”

In the entire history of the Puzriš-Dagan organization, which is dated between Š 39 and IS 2, there are a total of three principal officials attested in the “central bureau”, Nasa (see Section 2.1), Aba-saga (see Section 2.2), and Intaea (see Section 2.4). Apart from the three principal officials in the “central bureau”, there are also two associate officials—namely Lugal-amarku (see Section 2.3) and Duga (see Section 2.5), as well as Aba-saga and Intaea before they both became the principal officials. Chronologically, the tenures of the above-mentioned officials in the “central bureau” can be divided into the following seven periods.

No.	From	To	Principal official	Associate official
i	Š 39 ²⁹	Š 48	Nasa	--
ii	AS 1 i	AS 1 viii	Nasa	Aba-saga
iii	AS 1 viii	AS 3 x	Aba-saga	--
iv	AS 3 xi	AS 8 i	Aba-saga	Intaea
v	AS 8 i	AS 8 v	Aba-saga	Duga, Lugal-amarku
vi	AS 8 v	AS 9 v	Aba-saga	Duga
vii	AS 9 vi	IS 2	Intaea	Duga

The chart illustrates that the second period (between AS 1 i and AS 1 viii) is considered to be a transitional period between two principal officials: Nasa and Aba-saga. Furthermore, in the fourth period (between AS 3 xi and AS 8 i), Aba-saga, the principal official of the “central bureau”, shifts the administrative activities (concerning the disbursements of animals for the “kitchen”) to Intaea, his assistant, until AS 8 i, when Intaea was replaced by Duga. Duga expended animals for the “kitchen”, firstly associated with Aba-saga, then with Intaea since AS 9. Finally, during the fifth period (between AS 8 i and AS 8 v), Lugal-amarku temporarily replaced Aba-saga (or acted on behalf of Aba-saga) as the principal official of the “central bureau”. However, at that time, Aba-saga was still considered to be the principal official, since he continued to transfer (i_3 - dab_5) animals to the subordinate bureaus and different individuals. Alternatively, he never suspended the administrative activities in the “central bureau”, although, two types of the administrative activities were tentatively replaced by Lugal-amarku during the fifth period for unknown reasons. The first one is the expenditure (ba - zi) of animals for various purposes or destinations, and the second one is the receipt (i_3 - dab_5) of animals from the individual deliveries (mu - DU). As mentioned above, Lugal-amarku is not considered to be a principal official, but an associated official in the “central bureau” of the Puzriš-Dagan organization.

²⁹ The earliest extant text issued by Nasa dates to Š 34 vi (BIN 3 362), before the establishment of the Puzriš-Dagan organization (Š 39).

2.1 Nasa

The administrative documents issued by Nasa date between Š 34 vi³⁰ and AS 1 viii³¹. On the basis of his sons' seal impressions, Nasa held the title *kurušda* “fattener”³². In addition, among the roughly eight months between AS 1 i and AS 1 viii, Aba-saga, the son of Nasa, together with Nasa, served for the “central bureau”. It is assumed that Aba-saga was probably the assistant of Nasa, or the associate official of the “central bureau” at that moment. At some point in AS 1 viii, Aba-saga entirely took over the post of Nasa and became the principle official of the “central bureau”³³. Finally, the administrative activities issued by Nasa, the principle official of the “central bureau”, are divided into the following categories:

1. The expenditure (*ba-zi*) of animals for cultic purposes, members of the royal household, different individuals, the *E'uzga*, the “kitchen”, the “storehouse” and dogs.
2. The expenditure (*i₃-dab₅*) of animals transferred to bureaus and individuals.
3. The receipt of deliveries (*mu-DU*) of animals.
4. One label for a (reed) tablet basket (*pisan dub-ba*) containing cuneiform documents records the withdrawal (*zi-ga*) of Nasa dated AS 1 iii, bearing the seal impression of Naram-ili, the “messenger and doorkeeper” (*sukkal i₃-du₈*)³⁴.

2.1.1 The expenditure (*ba-zi*) of animals

Between AS 1 i 18³⁵ and AS 1 iii 14³⁶, Nasa, the principle official of the “central bureau”, expended (*ba-zi*) animals for cultic purposes (see 2.1.1.1), for members of the royal household (see 2.1.1.2), for different individuals (see 2.1.1.3), for the *E'uzga* (see 2.1.1.4), for the “kitchen” (see 2.1.1.5), for the “storehouse” (see 2.1.1.6), and for feeding dogs (see 2.1.1.7). Notably, almost all of the expenditures (*ba-zi*) of animals issued by Nasa (for cultic purposes, members of the royal household or to the “palace”, and the *E'uzga*) include the phrase *mu-DU PN* “delivery of PN” or *ša₃ mu-DU PN/erin₂ GN* “within deliveries of PN/troops of GN” to denote the origin of the animals withdrawn. For different individuals, the “kitchen”, the “storehouse” and dogs, however, the phrase is not used.

³⁰ BIN 3 362 (Š 34 vi).

³¹ MVN 8 121 (AS 1 viii 13).

³² These seal inscriptions, which belong to four sons of Nasa (Aba-saga, Lugal-amarku, Kas₄ and Ur-tur), read as follows: Ab-ba-sa₆-ga dub-sar dumu Na-sa₆ *kurušda*, Nisaba 8 App 4+A, P272560; Lugal-amarku₃ dub-sar dumu Na-sa₆ *kurušda*, AUCT 3 415, BIN 3 450, BRM 3 29, BRM 3 76, JAOS 33 176 9, MVN 15 138, PDT 1 294, PDT 1 564, YOS 4 77; (En)-Kas₄ dub-sar dumu Na-sa₆ *kurušda*, AUCT 3 297, AUCT 3 298, SAT 2 676; Ur-tur dub-sar dumu Na-sa₆ *kurušda*, AUCT 3 288, AUCT 3 289, BIN 3 332, SANTAG 7 150, Trouville 46, Trouville 66.

³³ For Aba-saga, see Chapter 2.2.

³⁴ MVN 10 232 (AS 1 iii). Note that the cuneiform inscription of this label does not contain the common entry *pisan dub-ba* “(reed) tablet basket”, but rather contains only the term *E₂^{tum}* “house”. For the term *E₂^{tum}* “house” in *pisan dub-ba*-labels, see Sigrist 1992: 104-105, Heimpel 1994: 280, and Maeda 1996: 253.

³⁵ TCL 2 4682 (AS 1 i 18).

³⁶ AAICAB 1/3 pl. 196 Bod A 70 (AS 1 viii 14).

2.1.1.1 For cultic purposes

2.1.1.1.1 For deities

Nasa expended (ba-zi) animals for the following deities: An³⁷, Enlil³⁸, Gula³⁹, Inana⁴⁰, Nana⁴¹, Ninhursaĝ⁴², Ninlil⁴³/Sud⁴⁴, Ninurta⁴⁵, Nusku⁴⁶ and Utu⁴⁷.

2.1.1.1.2 For the late deified king(s)

Nasa expended (ba-zi) animals for the late deified king Šulgi⁴⁸ and his throne⁴⁹.

2.1.1.1.3 For the additional cultic purpose

Nasa expended (ba-zi) animals for the siskur-rite at the “palace”⁵⁰.

³⁷ An: PDT 1 365:3 (AS 1 vii 15, mu-DU ^dEn-lil₂-i₃-sa₆, 1).

³⁸ ^dEn-lil₂: TCL 2 4682:7 (AS 1 i 18, mu-DU ^{še}-lu-uš-^dDa-gan, 1); Nisaba 8 64:1,4 (AS 1 i 20, mu-DU ^{še}-lu-uš-^dDa-gan/mu-DU ^{šeš}-Da-da saĝĝa, 1/1); TRU 299:2,9,14 (AS 1 i 26, mu-DU Kiš^{ki}-ir/mu-DU ^dŠul-gi-a-bi₂, 6/2); TCL 2 5563:1,4 (AS 1 i 30, mu-DU ^{šu}-^dEN.ZU/mu-DU ^{šeš}-Da-da saĝĝa, 1/1); OrSP 47-49 6:1 (AS 1 ii 9, mu-DU ^{šeš}-Da-da saĝĝa, 1); AUCT 2 261:2,6 (AS 1 ii 11, mu-DU ^{še}-lu-uš-^dDa-gan/mu-DU ^dŠul-gi-na-da, 2/1); SAT 2 662:1 (AS 1 ii 13, mu-DU dam I₃-li₂-mi-ti, 1); CHEU 92:1 (AS 1 ii 14, mu-DU I-din-^dISKUR kuš₇, 1); AUCT 1 73:1 (AS 1 ii 15, mu-DU Ba-ki-na-na, 1); Mes 8-9 149 5:1,5 (AS 1 ii 16, mu-DU Ur-ni₉-ĝar ka-guru₇/mu-DU Lu₂-sa₆-ga dam-gar₃, 1/1); SAT 2 681:1 (AS 1 ii 19, mu-DU en ^dInana, 1); CST 218:8 (AS 1 ii 20); SAT 2 675:1 (AS 1 iii 9, mu-DU Na-[ra-am-i₃-li₂], 1); MVN 15 58:2,4 (AS 1 iii 22, mu-DU E₂-a-i₃-li₂/mu-DU ^{šeš}-Da-da saĝĝa, x/1); AUCT 1 101:3 (AS 1 vii 30, mu-DU Lu₂-diĝir-ra/mu-DU Bu-la-mu unu₃, 1/1); AUCT 2 179:1,8 (AS 1 viii 3, mu-DU Ur-tilla₃ saĝĝa, ša₃ gu₂ Sa-bu-um^{ki}, 1/4); JCS 31 244 18:1 (AS 1 viii 8, ša₃ mu-DU ^{šeš}-sa₆-ga, 2); AAICAB 1/3 pl.196 Bod A 70:5 (AS 1 viii 14, ša₃ mu-DU Ri₂-ba-a, 3). For the deity Enlil preceding Ur III, see Wang 2011.

³⁹ Gu-la: TCL 2 4682:5 (AS 1 i 18, mu-DU A-la-ru-um sipa, 1); BPOA 7 2656:2 (AS 1 i).

⁴⁰ ^dInana: TCL 2 4682:9 (AS 1 i 18, mu-DU ^{še}-lu-uš-^dDa-gan, 1); TRU 299:20 (AS 1 i 26, mu-DU Ur-^dŠul-pa-e₃, 1); SAT 2 681:3 (AS 1 ii 19, mu-DU en ^dInana, 1); OrSP 47-49 7:3 (AS 1 iii 27, mu-DU ^dISKUR-illat nu-banda₃, 1); SAT 2 663:4 (AS 1 v [26], mu-DU en ^dInana, 1); PDT 1 365:5 (AS 1 vii 15, mu-DU Lu-lu-a, 1).

⁴¹ ^dNa-na-a: OrSP 47-49 7:1 (AS 1 iii 27, mu-DU en ^dInana, 1); AUCT 1 587:3 (AS 1 vi 16, mu-DU Lu-lu-a, 1).

⁴² ^dNin-hur-saĝ (Uru-saĝ-rig^{ki}-še₃): TRU 299:18 (AS 1 i 26, mu-DU zabar-dab₅, 1); AUCT 1 101:4 (AS 1 vii 30, mu-DU A₂-u₂-u₂ sipa, 1); AUCT 2 179:5-6 (AS 1 viii 3).

⁴³ ^dNin-lil₂: TCL 2 4682:8 (AS 1 i 18, mu-DU ^{še}-lu-uš-^dDa-gan, 1); Nisaba 8 64:2,5 (AS 1 i 20, mu-DU ^{še}-lu-uš-^dDa-gan/mu-DU ^{šeš}-Da-da saĝĝa, 1/1); TRU 299:3,12,15 (AS 1 i 26, mu-DU Kiš^{ki}-ir/mu-DU ^dŠul-gi-a-bi₂, 6/1); TCL 2 5563:2,5 (AS 1 i 30, mu-DU ^{šu}-^dEN.ZU/mu-DU ^{šeš}-Da-da saĝĝa, 1/1); OrSP 47-49 6:2 (AS 1 ii 9, mu-DU ^{šeš}-Da-da saĝĝa, 1); AUCT 2 261:4,8 (AS 1 ii 11, mu-DU ^{še}-lu-uš-^dDa-gan/mu-DU Lu₂-du₁₀-ga šabra, 2/1); SAT 2 662:2 (AS 1 ii 13, mu-DU dam I₃-li₂-mi-ti, 1); CHEU 92:3 (AS 1 ii 14, mu-DU Saĝ-^dEN.ZU, 1); AUCT 1 73:3 (AS 1 ii 15, mu-DU Ki-aĝ₂ gu-za-la₂, 1); Mes 8-9 149 5:3,7 (AS 1 ii 16, mu-DU Hu-un-nu-um/mu-DU en ^dInana, 1/1); SAT 2 681:2 (AS 1 ii 19, mu-DU en ^dInana, 1); CST 218:10 (AS 1 ii 20); SAT 2 675:3 (AS 1 iii 9, mu-DU ^{še}-lu-uš-^dDa-gan, 1); MVN 15 58:5 (AS 1 iii 22, mu-DU ^{šeš}-Da-da saĝĝa, 1); AUCT 2 179:2,9 (AS 1 viii 3, mu-DU Ur-tilla₃ saĝĝa, 1); JCS 31 244 18:2 (AS 1 viii 8, ša₃ mu-DU ^{šeš}-sa₆-ga, 2); AAICAB 1/3 pl.196 Bod A 70:7 (AS 1 viii 14, ša₃ mu-DU Ri₂-ba-a, 3).

⁴⁴ ^dSud₃: TCL 2 4682:12 (AS 1 i 18, mu-DU ensi₂ Šuruppag^{ki}, 1). The goddess Sud is the main patron deity of the city Šuruppag. Sud was also the former name of Ninlil before she was married to the god Enlil. For more detailed information about this goddess in Sumerian literary sources, see Civil 1983: 43-66.

⁴⁵ ^dNin-urta: OrSP 47-49 5:2 (AS 1 ii 7, mu-DU ensi₂ Nibru^{ki}, 1); Erm 07765:1 (AS 1 ii 27, mu-DU ensi₂ Ĝir₂-su^{ki}, 1); MVN 15 58:8 (AS 1 iii 22, mu-DU ensi₂ Nibru^{ki}, 1); OrSP 47-49 7:5 (AS 1 iii 27, mu-DU ensi₂ Nibru^{ki}, 1); AUCT 1 587:1 (AS 1 vi 16, mu-DU ensi₂ Nibru^{ki}, 1); AAICAB 1/3 pl.196 Bod A 70:2 (AS 1 viii 14, mu-DU ensi₂ Nibru^{ki}, 1).

⁴⁶ ^dNusku: OrSP 47-49 5:1 (AS 1 ii 7, mu-DU ensi₂ Nibru^{ki}, 1); MVN 15 58:7 (AS 1 iii 22, mu-DU ensi₂ Nibru^{ki}, 1); AAICAB 1/3 pl.196 Bod A 70:1 (AS 1 viii 14, mu-DU ensi₂ Nibru^{ki}, 1). For the reading of this DN as Nuska, see Lambert 2002.

⁴⁷ ^dUtu: PDT 1 365:1 (AS 1 vii 15, mu-DU I₃-lal₃-lum, 1).

⁴⁸ ^dŠul-gi: TRU 299:5 (AS 1 i 26). For the death of the king Šulgi, see Frayne 1997: 110; Michalowski 1977: 220-25; Wilcke 1988: 245-55. For the latest discussion on Šulgi, see Vacin 2011.

⁴⁹ ^{ĝis}gu-za ^dŠul-gi-ra: CHEU 92:6-7 (AS 1 ii 14); SAT 2 681:6 (AS 1 ii 19, mu-DU ^{šu}-^dEN.ZU di-ku₅, 1); CST 218:1 (AS 1 ii 20, mu-DU Ur-ni₉-ĝar ka-guru₇, 1); SAT 2 675:6 (AS 1 iii 9, mu-DU Du₁₁-ga-zi-da kuš₇, 1); SAT 2 663:1 (AS 1 v [26], ša₃ mu-DU erin₂ Ša₃-ni-da-at^{ki}, 1); AUCT 2 179:13 (AS 1 viii 3, ša₃ mu-DU erin₂ Gar₃-NE.NE^{ki}, 2); JCS 31 244 18:4 (AS 1 viii 8, ša₃ mu-DU ^{šeš}-sa₆-ga, 1). The name Gar-NE.NE is also attested in texts CTMMA 1 9, MVN 7 361, MVN 8 195, RA 19 44 543, RA 74 47 116, SACT 1 65 and SET 10. The GN Šanidat is also attested in the text PDT 1 529. For the destination of the throne of Šulgi, see Sallaberger 1993: 147.

2.1.1.2 For members of the royal household

Nasa expended (ba-zi) animals for three members of the royal household: Inim-Nanna⁵¹, ME-Ištaran⁵² and Taddin-Eštar⁵³.

2.1.1.3 For individuals

Nasa expended (ba-zi) animals for five individuals: Akbani of Mari⁵⁴, Diku-ili the cook⁵⁵, Ninšuba the runner⁵⁶, Ur-Ningublaga the singer⁵⁷ and Zabanum the Amorite⁵⁸.

2.1.1.4 For the E'uzga

Nasa expended (ba-zi) animals for the E'uzga (e₂ uz-ga)⁵⁹.

2.1.1.5 For the “kitchen”

2.1.1.5.1 Nasa expended (ba-zi) animals for the “kitchen”⁶⁰.

2.1.1.5.2 Nasa expended (ba-zi) animals to the “kitchen” for the “soldiers”⁶¹.

2.1.1.5.3 Nasa expended (ba-zi) animals to the “kitchen” for the “soldiers”, when the king (Amar-Suen) came from Urusaḡrig⁶².

Note that most of the animals, which Nasa disbursed for the “kitchen”, are designated as the šu-gid-contingent.

⁵⁰ siskur₂ ša₃ e₂-gal: OrSP 47-49 5:4 (AS 1 ii 7, mu-DU Kal-la-mu, 1).

⁵¹ Inim-^dNanna dumu lugal: TCL 2 5563:9-10 (AS 1 i 30, niḡ₂-mussa^{sa2} e₂ Hu-ba-a-še₃ “betrothal gift to the house of Huba'a”).

⁵² ME-^dIštaran: TCL 2 4682:2 (AS 1 i 18, mu-DU Pi₂-ša-ah-DIĜIR maš-en-kak, 1). For the term maš-en-kak, see Maeda 1992: 154; Sigrist 1992: 215, 369; and Livingstone 1995: 62. For the princess ME-Ištaran, see Such-Gutiérrez 2001: 87-108 and Weiershäuser 2008: 182.

⁵³ Ta₂-din-Eš₁₈-tar₂: TCL 2 4682:1 (AS 1 i 18, mu-DU Pi₂-ša-ah-DIĜIR maš-en-kak, 1); OrSP 47-49 5:8 (AS 1 ii 7, mu-DU Ba-za muhaldim, 11); PDT 1 365:8 (AS 1 vii 15, mu-DU Ur-mu, 1).

⁵⁴ Ak-ba-ni lu₂ Ma-ri₂^{ki}: AUCT 1 244:6 (AS 1 ii 2). For this person read as Aqbaya, see Owen and Veenker 1987: 281.

⁵⁵ Di-ku₅-i₃-li₂ muhaldim: SAT 2 675:9 (AS 1 iii 9).

⁵⁶ Nin-šuba₃ lu₂-^rkaš₄?^l: AUCT 2 179:10 (AS 1 viii 3, ša₃ gu₂ Sa-bu-um^{ki} “among the gun-tribute of Sabum”). Whether Nin-šuba₃ lu₂-^rkaš₄¹ referring to a PN or a DN is unclear. The name Nin-šuba₃ lu₂-kaš₄ or ^{lu2}kaš₄ as a PN is exclusively attested in Girsu texts (for example see MVN 9 87, MVN 22 18, TUT 159), and the name Nin-šuba₃ ^{lu2}kaš₄ as a DN together with the DIĜIR-determinative is known from only one text (SF 1). For the term gu₂ and the GN Sabum, see Steinkeller 1987.

⁵⁷ Ur-^dNin-gublaga nar: AAICAB 1/3 pl.196 Bod A 70:12 (AS 1 viii 14). For the singer Ur-Ningublaga and other signers during the Ur III period, see Pruzsinszky 2010.

⁵⁸ Za-ba-nu-um mar-tu: AAICAB 1/3 pl.196 Bod A 70:13 (AS 1 viii 14). For the term mar-tu, see Verderame 2009.

⁵⁹ e₂ uz-ga: Nisaba 8 64:9 (AS 1 i 20, mu-DU E₂-a-i₃-li₂, 2); AUCT 1 244:2 (AS 1 ii 2); CST 218:4 (AS 1 ii 20, mu-DU Inim-^dNanna dumu lugal, 1). For the phrase e₂ uz-ga, see Sigrist 1992: 158-162, Wu 1996, Englund 2002, and Johnson 2004.

⁶⁰ šu-gid₂ e₂ muhaldim-(še₃): TCL 2 5563:14 (AS 1 i 30); AUCT 1 244:10 (AS 1 ii 2); OrSP 47-49 5:11-12 (AS 1 ii 7); OrSP 47-49 6:6 (AS 1 ii 9); AUCT 2 261:13 (AS 1 ii 11); CHEU 92:9 (AS 1 ii 14); Mes 8-9 149 5:10 (AS 1 ii 16); SAT 2 681:11 (AS 1 ii 19); CST 218:12 (AS 1 ii 20); Erm 07765:7 (AS 1 ii 27); SAT 2 675:14 (AS 1 iii 9); MVN 8 121:6 (AS 1 viii 13); AAICAB 1/3 pl.196 Bod A 70:16 (AS 1 viii 14). For e₂ muhaldim, see most recently Allred 2006.

⁶¹ šu-gid₂ e₂ muhaldim, mu aga₃-us₂-e-ne-še₃: OrSP 47-49 7:9-10 (AS 1 iii 27); Erm 14829:4-5 (AS 1 iv 28); SAT 2 663:11' (AS 1 v [26]). e₂ muhaldim, mu aga₃-us₂-e-ne-še₃: TRU 299:25 (AS 1 i 26). The restoration of the text SAT 2 663 is based on the same-day text PDT 1 529 that lacked the date (see Liu 2014a).

⁶² šu-gid₂ e₂ muhaldim mu aga₃-us₂-e-ne-še₃, u₄ lugal Uru-saḡ-rig^{ki}-ta i₃-im-ḡen-na: MVN 15 58:19-20 (AS 1 iii 22).

2.1.1.6 For the “storehouse”

Nasa expended (ba-zi) dead animals for the “storehouse” (e₂ kišib-ba)⁶³.

2.1.1.7 For feeding dogs

In AS 1 i 1, Nasa expended (ba-zi) dead animals which were accepted (šu ba-ti) by Ilum-bani, the herder of ur-gir-dogs, in order to feed dogs⁶⁴.

2.1.1.8 The ĝiri₃ or/and maškim officials

The ĝiri₃ or/and maškim officials, who were responsible for the expenditures (ba-zi) of animals by Nasa for different destinations, are listed as follows (see Table 2.1):

Table 2.1 Distribution of ĝiri₃ or/and maškim officials responsible for the disbursals of animals by Nasa

ĝiri ₃ /maškim	Cultic	Royal	Individuals	E'uzga	Kitchen	Storehouse	Dogs
A-a-kal-la				x			
A-wa-ar ra ₂ -gaba							
Arad ₂ -ĝu ₁₀	x	x	x		x		
En-lil ₂ -la ₂					y		
Engar-du ₁₀ lu ₂ saĝĝa		y					
Lu ₂ -diĝir-ra					y		
Lugal-ma ₂ -gur ₈ -re		x					
^d Nanše-ul ₄ -gal	x						
Nu-ur ₂ -i ₃ -li ₂ ^{lu} kaš ₄	y						
^d Sul-gi-iri-ĝu ₁₀	x						
Ur- ^d Ba-u ₂				x			
Ur-ku ₃ -nun-na					y		
Wa-ta ₂ -ru-um	x						
zabar-dab ₅	x						

Note: y refers to ĝiri₃, and x refers to maškim, *sic passim*.

2.1.1.9 Formulary

The following 22 types of formulae are attested in the disbursements of animals by Nasa for cultic purposes (bazi A5-7, A9, A20-21, A31-34), for members of the royal household (bazi B4, B9, B18), for different individuals (bazi C7-8), for the E'uzga (bazi D2-3), for the “kitchen” (E1, E10-11), for the storehouse (bazi F1), and for feeding dogs (bazi H4) (see Table 2.2).

Table 2.2 Formulae attested in the disbursals of animals by Nasa

Type	Component	Formula	Commentary	Example
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⁶³ ba-uš₂/ug₇ e₂-kišib-ba-še₃: Nisaba 8 64:12 (AS 1 i 20); AUCT 1 244:5 (AS 1 ii 2); AUCT 2 261:14 (AS 1 ii 11); CST 218:15 (AS 1 ii 20); AUCT 1 101:7 (AS 1 vii 30); AUCT 1 397:6 (AS 1 viii 1).

⁶⁴ ba-ug₇ mu ur-gir₁₅-ra-še₃ DIĜIR-ba-ni sipa ur-gir₁₅-ra-še₃ šu ba-ti: BPOA 7 2656:7-10 (AS 1 i). For expenditure (ba-zi) of dead animals (fed) to the dogs recorded in the administrative texts from Puzriš-Dagan, see most recently Tsouparopoulou 2012 and Owen 2013b.

Type	Component	Formula	Commentary	Example
bazi A5	1-2-3-4	S, DN mu-DU PN PN maškim	animals with one individual delivery and one maškim official for one deity	Erm 07765:1-3
bazi A6	1-2-3-4	S, DN mu-DU PN PN maškim	animals with one individual delivery and one maškim official for two or more deities	AUCT 2 179:1-4
bazi A7	1-2-3-4	S, DN, mu-DU PN PN maškim	animals with two or more individual deliveries and one maškim official for two or more deities	AUCT 1 73:1-5
bazi A9	1-2-4-3	S, DN PN maškim <ša ₃ mu-DU PN>	animals with one individual delivery and one maškim official for two or more deities	JCS 31 244 18:1-3,6
bazi A20	1-2-3-4	S, ^(GIS) gu-za ^{dč} Šul-gi-ra (ša ₃) mu-DU PN PN maškim	animals among the deliveries with one maškim official for the throne of Šulgi	AUCT 2 179:12-15
bazi A21	1-2-4-3	S, ^(GIS) gu-za ^{dč} Šul-gi PN maškim ša ₃ mu-DU PN	animals among the deliveries with one maškim official for the throne of Šulgi	JCS 31 244 18:4-6
bazi A31	1-2-3-4	S, siskur ₂ ša ₃ e ₂ -gal mu-DU PN PN maškim	animals with one individual delivery and one maškim official for the siskur-offering at the palace	OrSP 47-49 5:4-6
bazi A32	1-2-22	S, DN niĝ ₂ e ₂ -e sum-ma ezem gu ₄ -si-su	animals for two or more deities for the <i>gusisu</i> -festival	CST 218:7-11
bazi A33	1-2-11-5-7-4	S, DN GN-še ₃ ĝiri ₃ PN <ša ₃ gu ₂ GN1> <PN1 maškim>	animals for one deity to GN, via PN, among the tax of GN1, with one maškim official	AUCT 2 179:5-7,11
bazi A34	1-2-6	S sa ₂ -du ₁₁ DN ša ₃ GN	animals as regular offering for one deity at GN	BPOA 7 2656:1-3
bazi B4	1-2-3-4	S, PNr mu-DU PN PN maškim	animals with one individual delivery and one maškim official for one royal member	OrSP 47-49 5:7-10
bazi B9	1-2-11-4	S, niĝ ₂ -mussa ^{sa₂} PNr e ₂ PN-še ₃ PN maškim	animals as the “betrothal gift” of the royal member, to a place, with one maškim official	TCL 2 5563:8-11
bazi B18	1-2-3-4	S, PNr mu-DU PN	animals with one individual delivery and one maškim official for tow or	TCL 2 4682:1-4

Type	Component	Formula	Commentary	Example
		PN maškim	more royal members	
bazi C7	1-2-4	S, PN PN maškim	animals with one maškim official for one individual	AUCT 1 244:6-7
bazi C8	1-2-4	S, PN PN maškim	animals with one maškim official for two or more individuals	AAIAB 1/3 pl 196 Bod A 70:10-14
bazi D2	1-2-3-4	S e ₂ uz-ga mu-DU PN PN maškim	animals with one individual delivery and one maškim official for the E'uzga	Nisaba 8 64:8-11
bazi D3	1-2-4	S e ₂ uz-ga PN maškim	animals with one maškim official for the E'uzga	AUCT 1 244:1-3
bazi E1	1-2	S šu-gid ₂ e ₂ muhaldim-še ₃	animals with the šu-gid-contingent for the “kitchen”	AUCT 1 244:8-10
bazi E10	1-2-12a-4	S, ġiri ₃ PN šu-gid ₂ e ₂ muhaldim mu aga ₃ -us ₂ -e-ne-še ₃ [u ₄ lugal] GN-ta i ₃ -im- ġen-na PN maškim	animals via PN, as the šu-gid- contingent with one maškim official to the “kitchen” for the soldiers, when the king came from GN	MVN 15 58:11-21
bazi E11	1-2-4	S šu-gid ₂ e ₂ muhaldim-še ₃ mu aga ₃ -us ₂ -e-ne-še ₃	animals as the šu-gid-contingent to the “kitchen” for the soldiers	SAT 2 663:7'-12'
bazi F1	1-2	S ba-uš ₂ /ug ₇ e ₂ -kišib-ba-še ₃	dead animals for the storehouse	AUCT 1 101:7
bazi H4	1-2-19	S ba-ug ₇ mu ur-ġir ₁₅ -ra-še ₃ PN šu ba-ti	dead animals for dogs, PN received	BPOA 7 2656:4-10

2.1.2 The expenditure (i₃-dab₅) of animals

Apart from expending (ba-zi) animals for different destinations, Nasa transferred (i₃-dab₅) animals to the bureaus of Ahuni (92+ oxen, 452 sheep, 205 goats)⁶⁵, En-diġirġu (302 sheep, 79

⁶⁵ AUCT 1 817 (AS 1 ii 27,29); BIN 3 420 (AS 1 iii 19,22-24,29); OIP 121 113 (AS 1 iv 10); BIN 3 34=Ripon 4 (AS 1 v 5); AUCT 2 338 (AS 1 v 7-9); AUCT 1 825 (AS 1 v 13-14,16); MVN 8 22 (AS 1 vi 2-3,7,10); Princeton 2 78 (AS 1 vi 11); UCP 9-2-2 14 (AS 1 vii 12,22); AAICAB 1/3 pl.195 Bod A 63 (AS 1 vii 23,26); TCL 2 5555 (AS 1 viii 1-3,5-6,8-10). For Ahuni, the official of the naGaBtum branch, see Chapter 3.1.1.

goats)⁶⁶, Enlila (67 oxen)⁶⁷, Lu-diĝira-IS (28 oxen, 15+ sheep, 5+ goats)⁶⁸, Nalu (258 sheep, 78+ goats)⁶⁹ and Šu-Idim (3 equids)⁷⁰ in the Puzriš-Dagan organization, as well as to two individuals, Ea-ili (2 equids)⁷¹ and Lu-diĝira the temple perfect (1 sheep)⁷².

The following nine types of formulae are attested in the transfers (i₃-dab₅) of animals from Nasa to bureaus and individuals (see Table 2.3).

Table 2.3 Formulae attested in the transfers of animals by Nasa

Type	Formula
idab001	S, u ₄ N-kam, ki B-ta, PN i ₃ -dab ₅ , MY
idab005	<u>S, u₄ N-kam</u> , ki B-ta, PN i ₃ -dab ₅ , MY
idab009	S, u ₄ N-kam, mu-DU, ki B-ta, PN i ₃ -dab ₅ , MY
idab011	S, mu-DU lugal, ki B-ta, PN i ₃ -dab ₅ , MY
idab131	S1, u ₄ N-kam; S2; ki B-ta, PN i ₃ -dab ₅ , MY
idab132	S1, u ₄ N-kam; S2 mu mu-du-lum-še ₃ , u ₄ N-kam; S3, u ₄ N-kam; ki B-ta, PN i ₃ -dab ₅ , M/Y
idab133	<u>S, u₄ N-kam</u> , mu-DU, ki B-ta, PN i ₃ -dab ₅ , M/Y
idab134	S, gu ₄ PN ₁ , ĝiri ₃ PN ₂ , mu-DU, ki B-ta, PN ₃ i ₃ -dab ₅ , M/Y
idab135	S1, mu-DU, u ₄ N-kam; <u>S2, u₄ N-kam</u> , mu-DU lugal; S3, niĝ ₂ -gur ₁₁ PN ₁ ; <u>S4, ki PN₂-ta</u> ; šu-niĝin ₂ , ki B-ta, PN ₃ i ₃ -dab ₅ , M/Y

2.1.3 The receipt of deliveries (mu-DU) of animals

Apart from expending (ba-zi, i₃-dab₅) animals, Nasa received (i₃-dab₅) the individual deliveries of animals (mu-DU PN) between AS 1 i 12⁷³ and AS 1 viii 14⁷⁴.

2.1.3.1 The individual deliveries

A considerable number of individuals who delivered (mu-DU) animals received (i₃-dab₅) by Nasa are attested in the administrative documents issued by Nasa. These documents contain entries *animals, PN, mu-DU, Na-sa₆ i₃-dab₅ “animals, delivery of PN, Nasa received (it/them)”* (see 2.1.3.2). Based on their different titles, these deliverers are subdivided into the following categories:

2.1.3.1.1 aga₃-us₂ “soldier”

⁶⁶ UDT 104 (AS 1 viii 1-3,5-8,10,12). For En-diĝirĝu, see Chapter 5.1.

⁶⁷ AnOr 1 10 (AS 1 iii); AUCT 1 403 (AS 1 v 2,4-5,8,10). For Enlila, see Chapter 6.

⁶⁸ RSO 83 343 8 (AS 1 ii 6-7); MVN 8 20 (AS 1 ii 20); SAT 2 671 (AS 1 iv 10); OIP 121 114 (AS 1 v 25-27); AUCT 2 69 (AS 1 vi 11); CST 232 (AS 1 vii 12). For Lu-diĝira-IS, see Chapter 3.2.1.

⁶⁹ Erm 14832 (AS 1 ii 19-22); CST 224 (AS 1 iv 10-11); MVN 8 21 (AS 1 v 19); AUCT 1 72 (AS 1 vi 19-20); NYPL 223 = NYPL 245 (AS 1 vii 3-5,7-10). For Nalu, see Chapter 9.

⁷⁰ PDT 1 725 (AS 1 vi 29). For Šu-Idim, see Chapter 12.

⁷¹ AUCT 2 291 (AS 1 v).

⁷² JEOL 26 51 14 (AS 1 v 24).

⁷³ PDT 1 356 (AS 1 i 12).

⁷⁴ AAICAB 1/3 pl. 196 Bod A 70 (AS 1 viii 14).

Three soldiers (aga₃-us₂), DU-ili⁷⁵ (3 sheep), Šeš-kala⁷⁶ (1 sheep) and Tahī-šen⁷⁷ (10 sheep and 20 goats) delivered 14 sheep and 20 goats.

2.1.3.1.2 di-ku₅ “judge”

One judge, Lu-diġira, delivered six sheep in AS 1 ii 29⁷⁸.

2.1.3.1.3 en^dInana “the en-priest of the goddess Inana”

The en-priest of Inana delivered two sheep and three goats in AS 1 iv and v⁷⁹.

2.1.3.1.4 engar “farmer”

The farmer Lu-diġira delivered one sheep in AS 1 iv 12⁸⁰.

2.1.3.1.5 ensi₂ “governor”

Eight provincial governors delivered two oxen, 38 sheep and one goat. They were from the cities of Adab⁸¹ (1 sheep), A.HA⁸² (6 sheep), Apiak⁸³ (4 sheep), Girsu⁸⁴ (2 sheep), Gudua⁸⁵ (1 sheep), Nippur⁸⁶ (2 oxen, 22 sheep and 1 goat), Šuruppag⁸⁷ (1 sheep) and UR₂xU₂⁸⁸ (1 sheep).

2.1.3.1.6 erin₂ “troop”

The troop of Hurti delivered seven oxen in AS 1 i 12⁸⁹.

2.1.3.1.7 lu₂^{ġis}kiri₆-mah “persons/servicers of the ‘exalted garden’”

Four persons of the “exalted garden” (A’ati⁹⁰, Iddin-Erra⁹¹, Nuhi-ilum⁹² and Šuruš-kin⁹³)

⁷⁵ DU₁₀-i₃-li₂ aga₃-us₂: PDT 2 1063:7 (AS 1 iii 12). The name is only known from this text. But a homonymous person DU₁₀-i₃-li₂ without any recorded profession is frequently attested in Drehem texts.

⁷⁶ Šeš-kal-la aga₃-us₂: PDT 1 595:13 (AS 1 iv 12). For this PN recorded in Drehem texts, there are other two texts involving this PN dated to the same day, see CDLB 2001/2 2.7 (AS 5 xii 15): 1 amar maš-da₃ / Šeš-kal-la aga₃-us₂ / mu-DU lugal / Ab-ba-sa₆-ga / i₃-dab₅ (large text); PDT 1 60 (AS 5 xii 15): 1 amar maš-da₃ / e₂ uz-ga / mu-DU Šeš-kal-la aga₃-us₂ / ki Ab-ba-sa₆-ga-ta / ba-zi.

⁷⁷ Ta₂-hi-še-en aga₃-us₂: PDT 1 595:18 (AS 1 iv 12). This name is known from only this text. But there are several homonymous persons with the profession nu-banda₃ or without any professions found in the Drehem texts, see Ta₂-hi-še-en nu-banda₃ (OIP 115 293, MVN 5 109), Ta₂-hi-še-en (OIP 121 92), who are all recorded as the delivery officials, as well as Ta₂-hi-še-en (CHEU 6) and Ta₂-hi-še-en lu₂ Še-ti-ir-ša^{ki} (Fs Astour 372), who are both included as the beneficiaries.

⁷⁸ Lu₂-diġir-ra di-ku₅: OIP 121 72:2 (AS 1 ii 29). Note that this text was damaged. This name is also found from Girsu and Nippur texts.

⁷⁹ en^dInana: Princeton 2 153:11,18 (AS 1 iv 27); BCT 1 40:10 (AS 1 v 5).

⁸⁰ Lu₂-diġir-ra engar: PDT 1 595:12 (AS 1 iv 12). Note that this person is recorded primarily in Umma or Girsu texts.

⁸¹ ensi₂ Adab^{ki}: PDT 2 1063:5 (AS 1 iii 12).

⁸² ensi₂ A.HA^{ki}: PDT 2 1063:2 (AS 1 iii 12). For the city of A.HA, see Steinkeller 1980.

⁸³ ensi₂ A-pi₂-ak^{ki}: Babyloniaca 7 pl.19 3:4 (AS 1 iii 13).

⁸⁴ ensi₂ Ġir₂-su^{ki}: PDT 2 1063:4 (AS 1 iii 12); Erm 07569:10 (AS 1 iv 1).

⁸⁵ ensi₂ Gu₂-du₈-a^{ki}: Erm 07569:4 (AS 1 iv 1). For the ensis of Gudua, see Owen 1993.

⁸⁶ ensi₂ Nibru^{ki}: Princeton 2 387:10 (AS 1 ii 17); OIP 121 73:5 (AS 1 iii 28); PDT 1 595:8 (AS 1 iv 12).

⁸⁷ ensi₂ Šuruppag^{ki}: PDT 2 1260:3 (AS 1 iv 8).

⁸⁸ ensi₂ UR₂xU₂^{ki}: BPOA 6 32:5 (AS 1 iii 17). For the city of UR₂xU₂, see Steinkeller 1980; Green 1986.

⁸⁹ erin₂ Hu-ur₅-ti^{ki}: PDT 1 356:13 (AS 1 i 12).

⁹⁰ A-a-ti <lu₂^{ġis}kiri₆-mah>: PDT 1 595:3 (AS 1 iv 12). This name with its title is known only from this text. For the term ^{ġis}kiri₆-mah, see Sallaberger 1993:105 „Der vielleicht Enlil geweihte ‚Erhabene Garten‘ von Nippur liegt außerhalb des Ekur; dort finden unter Sulgi und Amar-Su’ena dreimal monatlich Opfer statt“. The use of pointed brackets following PNs indicates that the PNs are not individually designated the titles on the tablet but collectively at the end of their listing, *sic passim*.

⁹¹ I-di₃-Er₃-ra <lu₂^{ġis}kiri₆-mah>: PDT 1 595:2 (AS 1 iv 12). This name with its title is known only from this text.

⁹² Nu-hi-DIĠIR <lu₂^{ġis}kiri₆-mah>: PDT 1 595:1 (AS 1 iv 12). This name with its title is known only from this text.

⁹³ Šu-ru-uš-ki-in lu₂^{ġis}kiri₆-mah: PDT 1 595:4 (AS 1 iv 12). This name with its title is known only from this text.

delivered one sheep per person in AS 1 iv 12.

2.1.3.1.8 maš-en-kak “villein”

The villein Ili-mahri delivered one sheep in AS 1 iii 28⁹⁴.

2.1.3.1.9 nu-banda₃ “captain”

Seven captains (Bizati⁹⁵, Erra-bani⁹⁶, Iddin-Ea⁹⁷, Itraq-ili⁹⁸, Lu-Nanna⁹⁹, Naram-Adad¹⁰⁰ and Zariq¹⁰¹) delivered two oxen, nine sheep and nine goats between AS 1 ii 17 and AS 1 v 5.

2.1.3.1.10 ra₂-gaba “equestrian”

Two equestrians (Lu-URUxKAR¹⁰² and Zulati¹⁰³) delivered one sheep (dated AS 1 iii 11) and one goat (dated AS 1 ii 17), respectively.

2.1.3.1.11 saĝĝa “temple administrator”

Šeš-Dada, the temple administrator, delivered four oxen, 15 sheep and one goat in AS 1 iv¹⁰⁴.

2.1.3.1.12 šabra “temple prefect”

Four temple prefects, Lu-Nanna¹⁰⁵ (11 sheep and 1 goat), Lugal-engardu (of Inana)¹⁰⁶ (5 sheep), Lugal-KAgi_{na} (of Ninsun)¹⁰⁷ (1 goat) and Ur-Bau¹⁰⁸ (1 ox, 9 sheep and 1 goat), delivered one ox, 25 sheep and two goats between AS 1 i 12 and AS 1 v 5.

2.1.3.1.13 ugula-ĝiš₂-da “the officer (in charge) of sixty (men)”

In AS 1 iii 11, EREN-dašu, the officer (in charge) of sixty (men)¹⁰⁹, delivered one sheep and one goat.

2.1.3.1.14 zabar-dab₅ “chief-bearer”

⁹⁴ I₃-li₂-mah-ri₂ maš-en-kak: OIP 121 73:4 (AS 1 iii 28). This name with its title is known only from this text. For the term maš-en-kak, see Sigrist 1992: 215, 369 and Livingstone 1995.

⁹⁵ Bi₂-za-ti nu-banda₃: PDT 1 595:16 (AS 1 iv 12). This name with its title is known only from this text.

⁹⁶ Er₃-ra-ba-ni nu-banda₃: Babyloniaca 7 pl.19 3:16 (AS 1 iii 13); PDT 1 595:19 (AS 1 iv 12). This name is known only from these two texts.

⁹⁷ I-di₃-E₂-a nu-banda₃: Princeton 2 387:4 (AS 1 ii 17). The name is known only from this text. But a homonymous name without profession frequently appears as the delivery official in Puzriš-Dagan administrative documents, for example see BPOA 7 2562, CST 496. Moreover, for the additional homonymous names with professions or identifications recorded in the Puzriš-Dagan administrative texts, see JEOL 33 114 (I-di₃-E₂-a šabra); PDT 1 550 (I-di₃-E₂-a kuš₇); JCS 32 171 1 (Šu-E₂-a dumu I-di₃-E₂-a); and OIP 115 199 (I-di₃-E₂-a šeš E₂-a-ni-ša).

⁹⁸ It-ra-aq-i₃-li₂ nu-banda₃: BCT 1 40:4 (AS 1 v 5). For this PN, see Hilgert 2002: 193.

⁹⁹ Lu₂-^dNanna nu-banda₃: PDT 1 422:6 (AS 1 iii 11).

¹⁰⁰ Na-ra-am-^dIŠKUR nu-banda₃: BCT 1 40:2 (AS 1 v 5).

¹⁰¹ Za-ri₂-iq nu-banda₃: Babyloniaca 7 pl.19 3:15 (AS 1 iii 13).

¹⁰² Lu₂-URUxKAR₂^{ki} ra₂-gaba: PDT 1 422:10 (AS 1 iii 11). The name is known from only this text.

¹⁰³ Zu-la-ti ra₂-gaba: Princeton 2 387:1 (AS 1 ii 17). The name is known from only this text.

¹⁰⁴ Šeš-Da-da saĝĝa: Erm 07569:2 (AS 1 iv 1); PDT 1 595:11 (AS 1 iv 12). For the term saĝĝa and its role in Drehem texts, see most recently Hernández 2013.

¹⁰⁵ Lu₂-^dNanna šabra: PDT 1 356:11 (AS 1 i 12); OIP 121 73:2 (AS 1 iii 28).

¹⁰⁶ Lugal-engar-du₁₀ šabra ^dInana: Babyloniaca 7 pl.19 3:6 (AS 1 iii 13).

¹⁰⁷ Lugal-KA-gi-na šabra ^dNin-sun₂: Erm 07569:6 (AS 1 iv 1).

¹⁰⁸ Ur-^dBa-u₂ šabra: BCT 1 40:9 (AS 1 v 5).

¹⁰⁹ EREN-da-šu ugula-ĝiš₂-da: PDT 1 422:8 (AS 1 iii 11). The name is known from only this text. For the term ugula-ĝiš₂-da, see Steinkeller 1979: 176-187. Note that a different name Erin-da is known from the Girsu texts.

The “chief-bearer” (zabar-dab₅) delivered six sheep between AS 1 i 12 and AS 1 vii 24¹¹⁰.

2.1.3.1.15 Foreigners

Two foreigners, Ilum-ahi of Mari¹¹¹ (1 sheep) and Zananum of Rabi¹¹² (2 oxen and 30 goats), delivered 33 animals.

2.1.3.1.16 One member of royal household

Ahuni, the son of the king Amar-Suen, delivered one sheep in AS 1 vii 24¹¹³.

2.1.3.1.17 Individuals without titles

Forty-six individuals who did not hold titles delivered 175 animals (14 oxen, 76 sheep, 77 goats, 7 gazelles, 7 deer). They are given below.

wife of Abuni¹¹⁴ (1 sheep), Adda-kala¹¹⁵ (3 sheep), Ahu-šuni¹¹⁶ (1 ox, 1 sheep and 59 goats), wife of Amuhul¹¹⁷ (5 sheep), Amur-Ea¹¹⁸ (1 sheep), Apilanum¹¹⁹ (1 sheep), Aradġu¹²⁰ (1 sheep), Arad-Nanna¹²¹ (1 sheep), Bahzuzu¹²² (1 sheep and 1 gazelle), Beli-arik¹²³ (1 ox, 1 sheep and 1 goat), Bubu¹²⁴ (4 sheep and 1 gazelle), Dada¹²⁵ (1 sheep), Erdani¹²⁶ (1 deer), Erra-ursaġ¹²⁷ (1 sheep), Huba’a¹²⁸ (10 oxen), Hun-habur¹²⁹ (1 sheep), Hun-hun¹³⁰ (1 sheep), Iddin-Adad¹³¹ (1 sheep), Ilallum¹³² (2 gazelles), Ili-miti¹³³ (1 sheep), Iqšutum¹³⁴ (1 sheep), Išur-ili¹³⁵ (1 sheep), Kiššer¹³⁶ (1 sheep), Kudanum¹³⁷ (1 sheep), Lu-saga¹³⁸ (1 sheep), Lugal-ġiškimzi¹³⁹ (1

¹¹⁰ zabar-dab₅: PDT 1 356:8 (AS 1 i 12); Princeton 2 387:3 (AS 1 ii 17); BPOA 6 32:6 (AS 1 iii 17); Erm 07569:8 (AS 1 iv 1); AUCT 2 40:4 (AS 1 vii 24). For zabar-dab₅, see Lafont 1983 and Lafont 1987.

¹¹¹ DIĠIR-a-hi lu₂ Ma-ri₂^{ki}: OIP 121 73:6 (AS 1 iii 28).

¹¹² Za-na-nu-um lu₂ Ra-bi₂^{ki}: OIP 121 72:5 (AS 1 ii 29).

¹¹³ A-hu-ni dumu lugal: AUCT 2 40:2 (AS 1 vii 24).

¹¹⁴ dam A-bu-ni: Babyloniaca 7 pl.19 3:13 (AS 1 iii 13). This woman is known only from this text, but her husband A-bu-ni is well-known as the delivery official in Drehem texts.

¹¹⁵ Ad-da-kal-la: PDT 1 595:21 (AS 1 iv 12). For this PN as the delivery official, also see BIN 3 4: Ad-da-kal-la ugula uš-bar; BPOA 6 577: Ad-da-kal-la uš-bar. Note that a homonymous person with the identity “scribe” (dub-sar) is recorded in Drehem texts as the conclusive ġiri₃-official from the beginning of AS 8.

¹¹⁶ A-hu-šu-ni: PDT 1 422:3 (AS 1 iii 11).

¹¹⁷ dam A-mu-hul: Babyloniaca 7 pl.19 3:2 (AS 1 iii 13). This woman is known only from this text.

¹¹⁸ A-mur-E₂-a: Princeton 2 153:2 (AS 1 iv 27).

¹¹⁹ A₂-pi₅-la-nu-um: PDT 2 1260:4 (AS 1 iv 8). For this PN, see Hilgert 2002: 241.

¹²⁰ [Arad₂]-ġu₁₀: Princeton 2 153:5 (AS 1 iv 27). Note that this reconstruction is uncertain.

¹²¹ Arad₂-^dNanna: Princeton 2 153:14 (AS 1 iv 27).

¹²² Ba-ah-zu-zu: PDT 2 1063:9 (AS 1 iii 12). This name is known only from this text.

¹²³ Be-li₂-a-ri₂-ik: PDT 1 422:12 (AS 1 iii 11).

¹²⁴ Bu-bu: Princeton 2 387:5 (AS 1 ii 17); Babyloniaca 7 pl.19 3:11 (AS 1 iii 13). Note that the text Princeton 2 387 recorded this PN as Bu-bu-[…]. Bubu is frequently recorded in Drehem texts as a delivery official, and there is one attested PN Bu-bu-TUR (Ontario 1 21). Also, one text (MVN 13 472) records Bubu with the profession nu-banda₃, it is unknown if he/she is identical with the person discussed here.

¹²⁵ Da-da: Princeton 2 153:12 (AS 1 iv 27). It is unknown if this person is identical with the well-known lamentation singer Da-da gala attested in Drehem texts.

¹²⁶ Er₃-da-ni: PDT 1 356:6 (AS 1 i 12).

¹²⁷ Er₃-ra-ur-saġ: Princeton 2 153:15 (AS 1 iv 27).

¹²⁸ Hu-ba-a: BCT 1 40:7 (AS 1 v 5).

¹²⁹ Hu-un-ha-ab-ur: Babyloniaca 7 pl.19 3:14 (AS 1 iii 13).

¹³⁰ Hu-un-hu-un TUR^(?): PDT 1 422:9 (AS 1 iii 11). This name is known only from this text.

¹³¹ I-di₂-^dIŠKUR: Princeton 2 153:8 (AS 1 iv 27).

¹³² I₃-la-lum: Princeton 2 387:2 (AS 1 ii 17). For this name I₃-la-lum, see Owen 2013b: note 14.

¹³³ I₃-li₂-mi-ti: Princeton 2 153:13 (AS 1 iv 27).

¹³⁴ [Iq]-šu-tum: Princeton 2 153:4 (AS 1 iv 27). The reading of this damaged name is also suggested Ik-šu-tum (Fs Levine 115-119 148).

¹³⁵ I-šur-i₃-li₂: OIP 121 73:3 (AS 1 iii 28).

¹³⁶ Kiš-še-er: BPOA 6 32:3 (AS 1 iii 17). For this PN, see Liu (b).

sheep), Lugal-hamati¹⁴⁰ (1 sheep), Lugal-heĝal¹⁴¹ (1 sheep), Lugal-nirĝal¹⁴² (1 goat), Nahšum-bala¹⁴³ (1 sheep), Nanna-ludu¹⁴⁴ (1 sheep), Niĝar-kidu¹⁴⁵ (1 sheep), Nur-Eštar¹⁴⁶ (1 sheep), Puzur-Eštar¹⁴⁷ (1 sheep), Šeluš-Dagan¹⁴⁸ (1 sheep, 4 goats), Šarrum-bani¹⁴⁹ (1 sheep), Šu-Dagan¹⁵⁰ (2 sheep), Šu-Šulgi¹⁵¹ (1 sheep), Šulginada¹⁵² (1 sheep), Tete¹⁵³ (1 sheep), Ur-niĝar¹⁵⁴ (1 sheep and 3 gazelles), Ur-Ningublaga¹⁵⁵ (1 goat), Ur-sukkal¹⁵⁶ (1 sheep), Ur-tilla¹⁵⁷ (1 sheep), Zariq¹⁵⁸ (11 sheep) and Zikur-ili¹⁵⁹.

2.1.3.2 Formulary

Before AS 1 v, all of the administrative documents use only one text formula (mudu A12). However, from AS 1 v, the day date phrase, u₄ N-kam, occurs between the listed delivery official(s) and the phrase mu-DU Na-sa₆ i₃-dab₅ (mudu A).

mudu A12:	mudu A:
<u>S, PN</u>	<u>S, PN</u>
mu-DU B i ₃ -dab ₅	u ₄ N-kam
M/Y	mu-DU B i ₃ -dab ₅
<i>Left edge:</i> u ₄ N-kam	M/Y

¹³⁷ Ku-da-num₂: PDT 2 1063:10 (AS 1 iii 12). For the homonymous persons recorded in Drehem sources, see Ku-da-num₂ sukkal (AUCT 1 660; PDT 1 550); Ku-da-num₂ nu-banda₃ (BPOA 6 536).

¹³⁸ Lu₂-sa₆-ga: Babyloniaca 7 pl.19 3:9 (AS 1 iii 13).

¹³⁹ Lugal-ĝiškim-zi: PDT 1 595:14 (AS 1 iv 12). This name, incorrectly read as Lu₂-igi-ra(?)^{zi} in PDT 1 595, is attested in AUCT 2 315 (AS 3 ix).

¹⁴⁰ Lugal-ha-ma-ti: BCT 1 40:5 (AS 1 v 5). For this PN, see Andersson 2012: 121.

¹⁴¹ Lugal-he₂-ĝal₂: BPOA 6 32:1 (AS 1 iii 17). For the homonymous persons with professions or identifications as the delivery officials in Drehem texts, see Lugal-he₂-ĝal₂ dumu ^dEn-lil₂-la₂ sipa gu₄ niga (ASJ 18 75 4, Princeton 2 70); Lugal-he₂-ĝal₂ lu₂ en-nu-<ĝa₂> (BIN 3 491, BPOA 6 289, TRU 376); Lugal-he₂-ĝal₂ lu₂ en-<nu>-ĝa₂ (Fs Leichty 279 1); Lugal-he₂-ĝal₂ lu₂ kaš₄ lu₂ Uri₅^{ki}-ma (CST 109); Lugal-he₂-ĝal₂ gu-za-la₂ (CTMMA 1 21); Lugal-he₂-ĝal₂ sipa gu₄ (MVN 3 344); Lugal-he₂-ĝal₂ unu₃ Šuruppag^{ki}-[(x)] (Nisaba 9 251); Lugal-he₂-ĝal₂ šabra Lugal-ma₂-gur₈-re dumu[?] Sa₆-ga-zu (YOS 15 173, IS 1); Lugal-he₂-ĝal₂ dumu Ur-^dEN.ZU (PPAC 4 245).

¹⁴² Lugal-nir-ĝal₂: PDT 1 356:4 (AS 1 i 12). For this PN, see Andersson 2012: 99.

¹⁴³ Na-ah-šum-bala: Princeton 2 153:6 (AS 1 iv 27).

¹⁴⁴ ^dNanna-lu₂-du₁₀¹(AH): Babyloniaca 7 pl.19 3:12 (AS 1 iii 13). This individual is recorded as the delivery official in additional Drehem texts. For the homonymous person with a profession, ^dNanna-lu₂-du₁₀ saĝĝa ^dŠul-gi see NYPL 398.

¹⁴⁵ Niĝar^{ĝar}-ki-du₁₀: BPOA 6 32:2 (AS 1 iii 17). For the homonymous persons with different professions or identifications recorded in Drehem texts, see Niĝar^{ĝar}-ki-du₁₀ gudu₄ (AUCT 1 549); Niĝar^{ĝar}-ki-du₁₀ ugula-geš₂-da (BAOM 2 34 86); Niĝar^{ĝar}-ki-du₁₀ sukkal Kas₄ (BIN 3 491); Ta₂-hi-iš-a-tal lu₂ Niĝar^{ĝar}-ki-du₁₀-me (OIP 115 158); Niĝar^{ĝar}-ki-du₁₀ sukkal (OIP 115 264, Ontario 1 74); Lu₂-du₁₀-ga dumu Niĝar^{ĝar}-ki-du₁₀ (TJA pl.54 IOS 18).

¹⁴⁶ Nu-ur₂-Eš₁₈-tar₂: Princeton 2 153:16 (AS 1 iv 27).

¹⁴⁷ PU₃.ŠA-Eš₁₈-tar₂: Princeton 2 153:9 (AS 1 iv 27).

¹⁴⁸ Še-lu-uš-^dDa-gan: Princeton 2 387:8 (AS 1 ii 17); PDT 2 1260:1 (AS 1 iv 8).

¹⁴⁹ Šar-ru-um-ba-ni: Princeton 2 153:3 (AS 1 iv 27).

¹⁵⁰ Šu-^dDa-gan: BPOA 6 32:4 (AS 1 iii 17); PDT 1 595:22 (AS 1 iv 12). The individual as the delivery official is recorded in additional Drehem texts. For a homonymous person, see Šu-^dDa-gan lu₂ Ma-ri₂^{ki} (SA 2, Santag 6 127).

¹⁵¹ Šu-^dŠul-gi: Princeton 2 153:10 (AS 1 iv 27).

¹⁵² ^dŠul-gi-na-da: BCT 1 40:6 (AS 1 v 5).

¹⁵³ Te-te: Princeton 2 153:1 (AS 1 iv 27).

¹⁵⁴ Ur-ni₉-ĝar: BPOA 6 32:9 (AS 1 iii 17).

¹⁵⁵ Ur-^dNin-gublaga: PDT 2 1063:3 (AS 1 iii 12). This name without title must be identical to Ur-Ningublaga, the singer (nar).

¹⁵⁶ Ur-sukkal: Babyloniaca 7 pl.19 3:8 (AS 1 iii 13).

¹⁵⁷ Ur-tilla₃: Erm 07569:5 (AS 1 iv 1).

¹⁵⁸ Za-ri-iq: PDT 1 356:2 (AS 1 i 12). For Zariq, see Michalowski 2009: 149-157.

¹⁵⁹ Zi-kur-i₃-li₂: BCT 1 40:13 (AS 1 v 5).

Apart from the above two types of text formulae, there are two extraordinary text formulae (mudu B20-21) used for the administrative documents in which Nasa received (i₃-dab₅) animals as deliveries (mu-DU). The primary structure of the three text formulae (*animals, ki PN-ta, mu-DU, Na-sa₆ i₃-dab₅ “animals, from PN, as delivery, Nasa received”*) is different from that of the above two (*animals, PN, mu-DU, Na-sa₆ i₃-dab₅ “animals, as delivery of PN, as delivery, Nasa received”*). Presumably, the PN of the former (ki PN-ta) refers to the provenience of animals as the delivery (mu-DU), and the delivery official is unknown; however, the PN of the latter refers to the delivery official.

mudu B20:	mudu B21:
S, GN-ta	S, S PN
ki PN-ta	ki PN-ta
mu-DU	mu-DU
B i ₃ -dab ₅	B i ₃ -dab ₅
M/Y	M/Y
	Le: u ₄ N-kam N(sum)

As for the contents of the administrative documents recorded with the above three text formulae, the following animals were received as deliveries (mu-DU) by Nasa: 66 sheep and five goats for Šulgi-simti from the fattener Šulgi-ili dated AS 1 iv 4¹⁶⁰ (mudu B21), 15 equids from the city of Der from Ilallum dated AS 1 v¹⁶¹ (mudu B20).

2.1.4 Summary

2.1.4.1 Between AS 1 i 18 and AS 1 viii 13, Nasa expended (ba-zi) 1,035+ animals for cultic purposes, members of the royal household, different individuals, the E’uzga, the “kitchen”, the storehouse, and feeding dogs.

2.1.4.2 Nasa transferred (i₃-dab₅) 1,587+ animals to the bureaus of Ahuni, En-diġirġu, Enlila, Lu-diġira-IS, Nalu and Šu-Idim, and to two individuals, Ea-ili and Lu-diġira the temple perfect.

2.1.4.3 Nasa received (i₃-dab₅) the deliveries (mu-DU) of 87 animals.

¹⁶⁰ PDT 2 1215 (AS 1 iv 4).

¹⁶¹ BIN 3 419 (AS 1 v, BAD₃.AN^{ki}-ta / ki I₃-la-lum-ta). For the city of Der (BAD₃.AN^{ki}), see Sollberger 1966: 107, Dossin 1976: 137 and Owen 1995. Most recently see de Graef 2007. Note that it is unclear if the individual I₃-la-lum is identical with the variant I₃-lal₃-lum.

2.2 Aba-saga

The administrative documents issued by Aba-saga, the official of the “central bureau” of the Puzriš-Dagan organization, date between AS 1 i 2¹⁶² and AS 9 vi 6¹⁶³, spanning almost the entire regnal years of Amar-Suen. It is noted that during the period between AS 1 i and AS 1 vii, Aba-saga was considered to be the assistant of his father Nasa¹⁶⁴, or the associate official of the “central bureau”, since at that time, Nasa maintained his post as the principal official of the “central bureau”. This period lasted approximately seven months, which is to be understood as a transitional or interim period. During the interim period, Aba-saga was not considered to be the principal official of the “central bureau”, until AS 1 viii when Nasa stopped functioning as the principal official of the “central bureau”.

Furthermore, there are approximately 3,139 extant administrative documents issued by Aba-saga, the official of the “central bureau”. They account for more than one half of all extant administrative documents (5,920) issued by the Puzriš-Dagan organization during the reign of Amar-Suen¹⁶⁵.

Finally, the administrative activities issued by Aba-saga, the principal official of the “central bureau”, can be divided into the following categories:

1. The expenditure (ba-zi) of animals for different destinations.
2. The expenditure (i₃-dab₅) of animals transferred to bureaus and different individuals.
3. The receipt of deliveries (mu-DU) of animals.
4. The expenditure (šu ba-ti) of animals received by individuals.
5. The ki-bi gi₄-a-account.
6. The label.
7. Additional activities or records.

2.2.1 The expenditure (ba-zi) of animals

Aba-saga, the principal official of the “central bureau” of the Puzriš-Dagan organization,

¹⁶² OrSP 47-49 4 (AS 1 i 2).

¹⁶³ PDT 1 561 (AS 9 vi 6).

¹⁶⁴ For Nasa, see Chapter 2.1.

¹⁶⁵ Among the 3,139 extant documents issued by Aba-saga, only seven texts date between AS 1 i and AS 1 viii when Aba-saga was considered to be the associate official of the “central bureau”. In the seven texts, six texts mention that Aba-saga transferred (i₃-dab₅) animals to four officials of the subordinate bureaus of the Puzriš-Dagan organization, namely Nalu (1 animal, AS 1 i 2, AUCT 1 464), Šulgi-a’agû (462 animals, AS 1 i 25, AUCT 2 71), Ahuni (5 animals, AS 1 vi 10, AAICAB 1/3 pl 196 Bod A 66), and Enlila (124 animals from royal deliveries, from Ahuni, from Lu-diğira-IS, respectively, AS 1 vi 13, AuOr Suppl 11 19); as well as to two individuals: Ur-Bau (5 animals, AS 1 i, AAICAB 1/4 TCICA 10) and Ma-šum (1 animal, AS 1 i, TSU 72). Furthermore, one text (OrSP 47-49 4, AS 1 i 2) records that Aba-saga expended (ba-zi) one gazelle for the deity Nanna from the deliveries of the wife of Ur-Enlil. Note that the above-mentioned seven texts will not be treated again in the following discussion, and the animals attested in them will not be added to the total of animals recorded in the administrative activities issued by Aba-saga, the principal official of the “central bureau”.

expended (ba-zi) animals for cultic purposes (see 2.2.1.1), for members of the royal household (see 2.2.1.2), for different individuals (see 2.2.1.3), for the E'uzga (e₂ uz-ga) (see 2.2.1.4), for the “kitchen” (e₂ muhaldim) (see 2.2.1.5), for the “storehouse” (e₂ kišib-ba) (see 2.2.1.6), for the “village” (e₂-duru₅) (see 2.2.1.7), and for other purposes (see 2.2.1.8). It is very important to note that almost all of the records involving the expenditures (ba-zi) of animals by Aba-saga (for cultic purposes, for members of the royal household, for the E'uzga, for the “kitchen”, for the “storehouse” and for the “village”) contain the phrase mu-DU PN “delivery of PN” (or ša₃ mu-DU PN “within the deliveries of PN”).

2.2.1.1 For cultic purposes

Between AS 1 viii 19 and AS 9 iii 25, Aba-saga expended (ba-zi) animals for deities (see 2.2.1.1.1), for the late deified kings (see 2.2.1.1.2), and for additional cultic purposes (see 2.2.1.1.3)¹⁶⁶.

2.2.1.1.1 For deities

Aba-saga expended (ba-zi) animals for the following deities: Allagula¹⁶⁷, An¹⁶⁸, Annunitum¹⁶⁹, Enki¹⁷⁰, Enlil¹⁷¹, Enlil-Ninlil¹⁷², Gula¹⁷³, Inana¹⁷⁴, Iškur¹⁷⁵, Lamma-lugal¹⁷⁶, Nana'a¹⁷⁷,

¹⁶⁶ Between AS 1 viii and AS 9 iii, no records concerning the disbursement (ba-zi) of animals issued by Aba-saga are attested in the following months: AS 2 ii, xi; AS 3 ii, iv, viii; AS 5 i, iii-iv; AS 6 iii-vii, ix; AS 7 i-iv, xii; and AS 8 ii-iv, xi.

¹⁶⁷ ^dAl-la-gu-la: SAT 2 724:v 30 (AS 2 ix 18, mu-DU Za-ri₂-iq, 1). For the deity Allagula, see Sallaberger 1993: 45 and Such-Gutiérrez 2003: 225-230.

¹⁶⁸ An: BPOA 6 621:1 (AS 1 xi 1, mu-DU en^dInana, 1); Trouville 12:1 (AS 1 xii 23, mu-DU en^dInana, 1); PDT 1 601:1 (AS 2 iii 1, mu-DU en^dInana, 1); SAT 2 696:1 (AS 2 iii 18, mu-DU en^dInana, 1); BPOA 7 2874:4 (AS 4 vi 18, mu-DU Šu-i₃-li₂ nu-banda₃, 1); Nik 2 482:4 (AS 5 vii 13, mu-DU en^dInana, 1); NYPL 134:1 (AS 5 xii 26, mu-DU Lugal-an-dul₃, 1); DoCu 224:1 (AS 7 vi 14, ša₃ mu-DU-ra-ta).

¹⁶⁹ An-nu-ni-tum: SAT 2 693:1,4 (AS 2 i 1, ġišbun_x(KI.BI) ša₃ e₂-gal “banquet at the ‘palace’”); AUCT 2 361:2 (AS 4 iii 8, mu-DU en^dInana, 1). For the deity Annunitum, see Gödecke 1973; Kutscher 1989:46-48; Sallaberger 1993:198-205 and Such-Gutiérrez 2003:319-320. For the term ġišbun_x(KI.BI) “banquet”, see Waetzoldt 1991 and Sallaberger 1993: 177-178.

¹⁷⁰ ^dEn-ki: Trouville 3:9 (AS 1 viii 19); Akkadica 13 28:9 (AS 1 viii 28); AUCT 2 134:2 (AS 3 xii X, mu-DU Arad₂-ġu₁₀, 2); AUCT 1 55:1 (AS 8 xii 6, mu-DU Bur-Ma-ma dam-gar₃, 1). ^dEn-ki ša₃ Eridu^{ki}: BCT 1 76:4 (AS 2 vii 1); AUCT 1 741:1 (AS 3 iii 7, mu-DU Šeš-zi-mu, 2).

¹⁷¹ ^dEn-lil₂: Trouville 3:1 (AS 1 viii 19); Trouville 3:16 (AS 1 viii 19); MVN 8 122:1,4 (AS 1 viii 20, mu-DU Saġ-^dNanna-zu / ša₃ mu-DU I-ti-^dEN.ZU, 1/1); Akkadica 13 28:1 (AS 1 viii 28); Santag 7 133:2,7 (AS 1 ix 12, mu-DU Še-lu-uš-^dDa-gan/ mu-DU Ur-tilla₃ saġġa, 1/1); ICP 467:3 (AS 1 ix 17); Nisaba 8 385:5',10' (AS 1 ix 26, mu-DU Še-lu-uš-^dDa-gan/ mu-DU enš₂ Nibru^{ki}, 1/1); AUCT 1 110:3 (AS 1 xi 2); BPOA 7 2839:1 (AS 1 xi 13, mu-DU Ur-tilla₃ saġġa, 1); MVN 15 38:1 (AS 1 xi 27, mu-DU Še-lu-uš-^dDa-gan, 1); SAT 2 693:13 (AS 2 i 1, mu-DU Šeš-kal-la, 1); AAICAB 1/1 Ashm.1910-761:1 (AS 2 i 22, mu-DU Zi₂-na-na, 1); TCL 2 5623:2 (AS 2 iii 5, mu-DU Ur-tilla₃ saġġa, 1); DoCu 292:1 (AS 2 iii 11, mu-DU Ur-tilla₃ saġġa, 1); MVN 8 117:2 (AS 2 iv 15, mu-DU zabar-dab₅, 1); Syracuse 335:2,5 (AS 2 iv 20, mu-DU Nir-i₃-da-ġal₂/mu-DU Še-lu-uš-^dDa-gan, 1/1); AAICAB 1/1 Ashm.1910-756:1 (AS 2 v 8, mu-DU Ur-tilla₃ saġġa, 1); Princeton 1 90:2 (AS 2 vi 9, mu-DU Še-lu-uš-^dDa-gan, 1); TRU 308:2 (AS 2 vi 11, mu-DU zabar-dab₅, 3); BIN 3 37:2 (AS 2 viii 10); AUCT 2 360:1 (AS 2 viii 22, mu-DU Ur-tilla₅ saġġa, 1); SAT 2 724:i 4 (AS 2 ix 2, mu-DU Nu-i₃-li₂, 1); SAT 2 724:i 30 (AS 2 ix 5, mu-DU Na-ra-am-i₃-li₂/mu-DU Bur-Ma-ma dam-gar₃/mu-DU Ur-tilla₃ saġġa, 1/1/1); SAT 2 724:v 11 (AS 2 ix 17, mu-DU en^dInana, 1); SAT 2 724:vi 18 (AS 2 ix 20, ša₃ mu-DU Šu-ru-uš-ki-in u₃ En-i₃-li₂, 5); SAT 2 724:rev ii 9',16',21' (AS 2 ix 26, mu-DU ^dŠul-gi-i₃-li₂/mu-DU Ur-^dUtu/mu-DU I-din-^dIŠKUR kuš₇, 15/11/1); SAT 2 724:rev ii 43' (AS 2 ix 27, mu-DU Ur-tilla₃ saġġa, 1); Trouville 5:1 (AS 2 xii 2, mu-DU Ur-tilla₃ saġġa, 1); UDT 156:2,6 (AS 2 xii 13, mu-DU Ur-ni₉-ġar/mu-DU Lu₂-^dNanna, 1/1); AUCT 2 245:1 (AS 3 i 2, mu-DU Ur-tilla₃ saġġa, 1); AuOr Suppl.11 653:2 (AS 3 i 21); Trouville 6:4 (AS 3 v 28, mu-DU I₃-lal₃-lum, 5); Mes 12 95 E:10 (AS 3 xii 4, mu-DU Lugal-ma₂-gur₈-re, 1);

AUCT 1 861:1 (AS 3 xii 19, mu-DU Ur-tilla₅ saĝĝa, 1); AUCT 1 716:1 (AS 4 ii 14, mu-DU Arad₂-ĝu₁₀, 1); AUCT 1 553:2 (AS 4 ii 20); BIN 3 73:1 (AS 4 iii 14, mu-DU Ur-tilla₃ saĝĝa, 1); AUCT 1 132:1 (AS 4 iii 24, mu-DU Ur-tilla₃ saĝĝa, 1); AAICAB 1/3 pl.197 Bod A 74:1 (AS 4 v 2, mu-DU ensi₂ Nibru^{ki}, 1); BPOA 7 2874:1 (AS 4 vi 18, mu-DU Ur-tilla₃ saĝĝa, 1); AUCT 1 911:1 (AS 4 vi 25, mu-DU Ur-tilla₃ saĝĝa, 1); TRU 312:1 (AS 4 vii 11, mu-DU Wa-ta₂-ru-um saĝĝa, 1); AUCT 1 625:1 (AS 4 vii 19, mu-DU Wa-ta₂-ru-um saĝĝa, 1); BPOA 7 1742:2 (AS 4 viii 11, ša₃ mu-DU kaš-de₂-a Wa-ta₂-ru-um saĝĝa, 1); TRU 311:1 (AS 4 xii 20, mu-DU Wa-ta₂-ru-um saĝĝa, 1); AAICAB 1/4 Bod S 505:1 (AS 5 ii 26, mu-DU Wa-ta₂-ru-um saĝĝa, 1); TCND 244:2 (AS 5 ii 27, mu-DU Šu-Da-da, 1); CST 316:1 (AS 5 v 7, ša₃ mu-DU-ra-ta, 1); RA 49 87 9:2 (AS 5 vi 11, mu-DU I₃-lal₃-lum, 1); Hirose 209:2 (AS 5 viii 12, ša₃-ge-guru₇-a lugal / ša₃ mu-DU ensi₂ Nibru^{ki}, 1); PDT 1 90:2 (AS 5 ix 4, mu-DU Wa-ta₂-ru-um, 1); OIP 121 283:1 (AS 5 ix 23, mu-DU Še-lu-uš^d-Da-gan, 1); CDLJ 2012/1 4.37:11 (AS 5 ix 26, ša₃ mu-DU-ra-ta); OIP 121 292:1 (AS 5 x 3, mu-DU Wa-ta₂-ru-um saĝĝa, 1); SAT 2 896:1 (AS 5 x 23, mu-DU Pa₂-pa₂-an-še-en, 1); OIP 121 312:1 (AS 5 xi 28, mu-DU Wa-ta₂-ru-um saĝĝa, 1); Nisaba 8 26:i 6 (AS 6 ii 5, mu-DU Wa-ta₂-ru-um saĝĝa, 1); NYPL 351:6 (AS 6 ii 15, ša₃ mu-DU-ra-ta); Nisaba 8 26:i 23 (AS 6 ii 17, ša₃ mu-DU-ra-ta); OrSP 47-49 28:1 = Nisaba 8 26:iii 17 (AS 6 ii 23, ša₃ mu-DU-ra-ta); TCL 2 5628:2 (AS 6 viii 2, mu-DU Lugal-an-dul₃, 1); Nisaba 8 36:i 1 (AS 6 xi 1, ša₃ mu-DU-ra-ta); TCL 2 5594:1 = Nisaba 8 36:iii 24' (AS 6 xi 20, ša₃ mu-DU-ra-ta); Nisaba 8 36:rev i 19 (AS 6 xi 25, mu-DU I-din^d-EN.ZU, 1); AUCT 2 125:1 (AS 6 xii 16, mu-DU I₃-lal₃-lum, 1); AUCT 2 73:1 = Nisaba 8 70:i 11 (AS 7 v 6, mu-DU Ha-ab-ru-še-er, 1); Nisaba 8 70:iv 18 (AS 7 v 29); UDT 134:1 (AS 7 vi 19, mu-DU Wa-ta₂-ru-um saĝĝa, 1); Nisaba 8 91:i 11 (AS 7 ix 4, mu-DU Wa-ta₂-ru-um saĝĝa, 2); MVN 8 127:1 (AS 7 xi 8, ša₃ mu-DU-ra-ta); TRU 316:5 (AS 8 i 3, ša₃ mu-DU-ra-ta); AUCT 1 361:1 (AS 8 vi 4, mu-DU Wa-ta₂-ru-um saĝĝa, 1); OIP 121 353:1 (AS 8 vii 22, ša₃ mu-DU-ra-ta); UDT 123:2 (AS 8 ix 19); Nisaba 8 44:2 (AS 8 ix 24); ASJ 9 319 14:2 (AS 8 xii 16, mu-DU Wa-ta₂-ru-um saĝĝa, 1); Trouvaille 4:1 (AS 9 i 16, ša₃ mu-DU-ra-ta, 1); AnOr 1 22:2 (AS 9 i 24, ša₃ mu-DU-ra-ta); Trouvaille 8:2 (AS 9 ii 1, ša₃ mu-DU-ra-ta); AUCT 2 152:1 (AS X i 1, mu-DU ^dŠul-gi-i₃-li₂, 1); Princeton 2 107:1 (AS X iii 11); PDT 2 811:9 (AS X xii 16, ša₃ mu-DU erin₂ Aš-šur^{ki}, 11).

¹⁷² ^dEn-lil₂ ^dNin-lil₂: TRU 313:3 (AS 4 viii 28, mu-DU Šar-ru-um-i₃-li₂ nu-banda₃/mu-DU Na-bi₂-^dEN.ZU maš₂-šugid₂-gid₂, 9/1); TCL 2 5484:2 (AS 5 viii 20, ša₃ mu-DU-ra-ta); MVN 1 142:2 (AS 5 viii 24, ša₃ mu-DU Me-ša-nu-nu LU₂.SU, 0); MVN 11 154:3 (AS 5 ix 1, ša₃ mu-DU-ra-ta); OIP 121 276:3 (AS 5 ix 15, ša₃ mu-DU-ra-ta); YOS 15 167:2 (AS 7 viii 20); Nisaba 8 75:2 (AS 8 viii 21, ša₃ mu-DU-ra-ta);

¹⁷³ ^dGu-la ša₃ Uri^{ki}-ma: MVN 8 132:2 (AS 1 x); SAT 2 724:rev iii 35-36 (AS 2 ix).

¹⁷⁴ ^dInana: AUCT 1 829:2 (AS 1 ix 6, mu-DU Arad₂-ĝu₁₀, 1); AUCT 1 783:4 (AS 1 x 4, mu-DU en ^dInana, 1); UDT 110:9 (AS 1 x 9, mu-DU en ^dInana, 2); BPOA 6 621:2 (AS 1 xi 1, mu-DU en ^dInana, 1); AUCT 1 417:2 (AS 1 xii 17, mu-DU en ^dInana, 1); Trouvaille 12:3 (AS 1 xii 23, mu-DU en ^dInana, 1); AAICAB 1/1 Ashm.1910-761:4 (AS 2 i 22, mu-DU en ^dInana, 1); PDT 1 601:1 (AS 2 iii 1, mu-DU en ^dInana, 1); SAT 2 696:2 (AS 2 iii 18, mu-DU en ^dInana, 1); OrSP 47-49 15:1 (AS 2 vi 16, ša₃ mu-DU mar-tu-e-ne, 1); Nik 2 513:1 (AS 2 x 20, mu-DU dam Šu-^dNin-šubur sukka₁, 1); AUCT 2 361:1 (AS 4 iii 8, mu-DU en ^dInana, 1); BPOA 6 661:2 (AS 4 vi 16, mu-DU I₃-lal₃-lum, 1); BPOA 7 2874:6 (AS 4 vi 18, mu-DU En-ur₂-ku₃-ge, 1); AUCT 1 663:1 (AS 4 ix 23, mu-DU Ama-zi-mu, 1); Nik 2 482:5 (AS 5 vii 13, mu-DU en ^dInana, 1); OIP 121 297:6 (AS 5 x 24, mu-DU en ^dInana, 1); SA 17:4 (AS 5 x 28, mu-DU Lu₂-^dInana šu-ku₆, 1); Trouvaille 13:2 (AS 6 x 27, mu-DU en ^dInana, 2); PDT 2 874:2 (AS 6 xii 8, mu-DU en ^dInana, 1); DoCu 224:2 (AS 7 vi 14, ša₃ mu-DU-ra-ta, 1); BIN 3 183:2 (AS 8 vi 16, mu-DU en ^dInana, 1); MVN 11 215:13 (AS 8 vii 14, ša₃ mu-DU-ra-ta); PDT 1 203:1 (AS 8 ix 29, ša₃ mu-DU-ra-ta).

¹⁷⁵ ^dIškur: Nisaba 8 36:i 3 (AS 6 xi 1, ša₃ mu-DU-ra-ta). For this deity, see Such-Gutiérrez 2003: 251-254.

¹⁷⁶ ^dLamma-lugal: Santag 7 133:5 (AS 1 ix 12, mu-DU Še-lu-uš^d-Da-gan, 1). For this deity, see Such-Gutiérrez 2003: 338-339.

¹⁷⁷ ^dNa-na-a: SAT 2 693:2,5 (AS 2 i 1); OrSP 47-49 25:3 (AS 3 vii 5, mu-DU DU₁₀-i₃-li₂ kuš₇, 1); OIP 121 318:1 (AS 5 xii 17, mu-DU ^dŠara₂-kam ensi₂, 1).

¹⁷⁸ ^dNanna: Trouvaille 3:3 (AS 1 viii 19); Akkadica 13 28:3 (AS 1 viii 20); UDT 110:4 (AS 1 x 9, ša₃ mu-DU er₂ su₃-a); UDT 110:10 (AS 1 x 9, mu-DU en ^dInana, 1); ASJ 9 266 69:4 (AS 1 x 19, mu-DU Lugal-ma₂-gur₈-re, 6); SAT 2 693:15 (AS 2 i 1, mu-DU Šeš-kal-la, 2); ASJ 9 266 70:2 (AS 2 i 4, mu-DU KU-hul, 2); CHEU 20:1 (AS 2 i 24, mu-DU zabar-dab₅, 1); OIP 121 124:5 (AS 2 vi 24, mu-DU I₃-lal₃-lum/mu-DU Na-ra-am-i₃-li₂, 1/1); Trouvaille 9:1 (AS 2 x 7, mu-DU A-bi₂-zu ra₂-gaba, 1); TCND 234:1 (AS 3 i 8, mu-DU Ur-^dŠul-pa-e₃, 1); ASJ 7 124 21:2 (AS 3 vi 23, mu-DU Lu₂-^dNanna šabra, 1); OrSP 47-49 25:1 (AS 3 vii 5, mu-DU Bu-u₂-du, 1); SAT 2 739:1 (AS 3 vii 13, mu-DU en ^dInana, 2); TCL 2 5508:63 (AS 4 i 6); MVN 8 131:1 (AS 4 vi 24, mu-DU Bu₃-u₂-du, 1); Nik 2 482:1 (AS 5 vii 13, mu-DU Pa₂-pa₂-an-še-en, 1); SET 63:2 (AS 6 x 10); UDT 92:1 (AS 8 xii 29).

¹⁷⁹ ^dEN.ZU: AUCT 1 703:1 (AS 4 vii 28, mu-DU Un-da-ga, 1). For the deity Suen or Nanna in Ur III period, see Such-Gutiérrez 2003: 254-267.

¹⁸⁰ ^dNin-gal: Trouvaille 9:2 (AS 2 x 7, mu-DU A-bi₂-zu ra₂-gaba, 1); Nik 2 482:2 (AS 5 vii 13, mu-DU Pa₂-pa₂-an-še-en, 1); UDT 92:2 (AS 8 xii 29).

¹⁸¹ ^dNin-hur-sag: Trouvaille 3:8 (AS 1 viii 19); Akkadica 13 28:8 (AS 1 viii 28); OrSP 47-49 9:1 (AS 1 ix 10, mu-DU zabar-dab₅, 1); Santag 7 133:10 (AS 1 ix 12, mu-DU Ur-^dŠul-pa-e₃, x); Trouvaille 14:2 (AS 2 v 2, mu-DU zabar-dab₅, 1); BIN 3 40:1 (AS 2 v 9, mu-DU zabar-dab₅, 1); TRU 308:5 (AS 2 vi 11, mu-DU zabar-dab₅, 1); AuOr

Suppl.11 653:1 (AS 3 i 21); AUCT 2 84:1 (AS 4 x 11, mu-DU Eš₁₈-tar₂-DIĠIR-šu, 1); JMEOS 12 43 3496:3 (AS 4 xi 16, mu-DU Ur-mes ensi₂, 1); MVN 8 127:4 (AS 7 xi 8, ša₃ mu-DU-ra-ta). ^dNin-hur-saġ nu-banda₃: SAT 2 739:3 (AS 3 vii 13, mu-DU Ur-mes ensi₂, 1).

¹⁸² ^dNin-ka-si: Trouvaille 3:18 (AS 1 viii 19). For this deity, see Such-Gutiérrez 2003: 354-355.

¹⁸³ ^dNin-lil₂: Trouvaille 3:2 (AS 1 viii 19); Trouvaille 3:17 (AS 1 viii 19); MVN 8 122:2,5 (AS 1 viii 20, mu-DU Saġ-^dNanna-zu / ša₃ mu-DU I-ti-^dEN.ZU, 1/1); Akkadica 13 28:2 (AS 1 viii 28); Santag 7 133:4,8 (AS 1 ix 12, mu-DU Še-lu-uš-^dDa-gan/ mu-DU Ur-tilla₃ saġġa, 1/x); ICP 467:6 (AS 1 ix 17); Nisaba 8 385:8',11' (AS 1 ix 26, mu-DU Še-lu-uš-^dDa-gan/ mu-DU ensi₂ Nibru^{ki}, 1/1); AUCT 1 110:6 (AS 1 xi 2); BPOA 7 2839:2 (AS 1 xi 13, mu-DU Ur-tilla₃ saġġa, 1); MVN 15 38:3 (AS 1 xi 27, mu-DU Nir-i₃-da-ġal₂, 1); SAT 2 693:14 (AS 2 i 1, mu-DU Šeš-kal-la, 1); TCL 2 5623:4 (AS 2 iii 5, mu-DU Ur-tilla₃ saġġa, 1); DoCu 292:2 (AS 2 iii 11, mu-DU Ur-tilla₃ saġġa, 1); MVN 8 117:4 (AS 2 iv 15, mu-DU zabar-dab₅, 1); Syracuse 335:7 (AS 2 iv 20, mu-DU Še-lu-uš-^dDa-gan, 1); AAICAB 1/1 Ashm.1910-756:2 (AS 2 v 8, mu-DU Ur-tilla₃ saġġa, 1); Princeton 1 90:4 (AS 2 vi 9, mu-DU Še-lu-uš-^dDa-gan, 1); TRU 308:4 (AS 2 vi 11, mu-DU zabar-dab₅, 3); AUCT 2 373:7 (AS 2 viii 5, mu-DU E₂-a-i₃-li₂, 1); BIN 3 37:4 (AS 2 viii 10); AUCT 2 360:2 (AS 2 viii 22, mu-DU Ur-tilla₅ saġġa, 1); SAT 2 724:i 5 (AS 2 ix 2, mu-DU Nu-i₃-li₂, 1); SAT 2 724:i 31 (AS 2 ix 5, mu-DU Ur-tilla₃ saġġa, 1); SAT 2 724:v 12 (AS 2 ix 17, mu-DU en ^dInana, 1); SAT 2 724:v 28 (AS 2 ix 18, mu-DU Lu₂-^dNanna, 1); SAT 2 724:vi 20 (AS 2 ix 20, ša₃ mu-DU Šu-ru-uš-ki-in u₃ En-i₃-li₂, 5); SAT 2 724:rev ii 12',19',22' (AS 2 ix 26, mu-DU ^dŠul-gi-i₃-li₂/mu-DU Ur-^dUtu/mu-DU I-din-^dISKUR kuš₇, 15/11/1); SAT 2 724:rev ii 44' (AS 2 ix 27, mu-DU Ur-tilla₃ saġġa, 1); Trouvaille 5:2 (AS 2 xii 2, mu-DU Ur-tilla₃ saġġa, 1); UDT 156:4 (AS 2 xii 13, mu-DU ensi₂ Ġir₂-su^{ki}, 1); AUCT 2 245:2 (AS 3 i 2, mu-DU Ur-tilla₃ saġġa, 1); AuOr Suppl.11 653:3 (AS 3 i 21); Trouvaille 6:8 (AS 3 v 28, mu-DU I₃-lal₃-lum, 4); Mes 12 95 E:11 (AS 3 xii 4, mu-DU Lugal-ma₂-gur₄-re, 1); AUCT 1 861:2 (AS 3 xii 19, mu-DU Ur-tilla₅ saġġa, 1); AUCT 1 553:4 (AS 4 ii 20); BIN 3 73:2 (AS 4 iii 14, mu-DU Ur-tilla₃ saġġa, 1); AUCT 1 132:2 (AS 4 iii 24, mu-DU Ur-tilla₃ saġġa, 1); AAICAB 1/3 pl.197 Bod A 74:2 (AS 4 v 2, mu-DU ensi₂ Nibru^{ki}, 1); BPOA 7 2874:2 (AS 4 vi 18, mu-DU Ur-tilla₃ saġġa, 1); AUCT 1 911:2 (AS 4 vi 25, mu-DU Ur-tilla₃ saġġa, 1); TRU 312:2 (AS 4 vii 11, mu-DU Wa-ta₂-ru-um saġġa, 1); AUCT 1 625:2 (AS 4 vii 19, mu-DU Wa-ta₂-ru-um saġġa, 1); BPOA 7 1742:4 (AS 4 viii 11, ša₃ mu-DU kaš-de₂-a Wa-ta₂-ru-um saġġa, 1); JMEOS 12 43 3496:1 (AS 4 xi 16, mu-DU ensi₂ Nibru^{ki}, 1); TRU 311:2 (AS 4 xii 20, mu-DU Wa-ta₂-ru-um saġġa, 1); AAICAB 1/4 Bod S 505:2 (AS 5 ii 26, mu-DU Wa-ta₂-ru-um saġġa, 1); CST 316:2 (AS 5 v 7, ša₃ mu-DU-ra-ta, 1); RA 49 87 9:4 (AS 5 vi 11, mu-DU I₃-lal₃-lum, 1); Hirose 209:3 (AS 5 viii 12, ša₃-ge-guru₇-a lugal / ša₃ mu-DU-ra-ta ensi₂ Nibru^{ki}, 1); PDT 1 90:2 (AS 5 ix 4, mu-DU Wa-ta₂-ru-um, 1); OIP 121 283:2 (AS 5 ix 23, mu-DU Še-lu-uš-^dDa-gan, 1); CDLJ 2012/1 4.37:12 (AS 5 ix 26, ša₃ mu-DU-ra-ta, x); OIP 121 292:2 (AS 5 x 3, mu-DU Wa-ta₂-ru-um saġġa, 1); SAT 2 896:2 (AS 5 x 23, mu-DU Pa₂-pa₂-an-še-en, 1); OIP 121 312:2 (AS 5 xi 28, mu-DU Wa-ta₂-ru-um saġġa, 1); Nisaba 8 26:i 7 (AS 6 ii 5, mu-DU Wa-ta₂-ru-um saġġa, 1); NYPL 351:7 (AS 6 ii 15, ša₃ mu-DU-ra-ta, 1); Nisaba 8 26:i 24 (AS 6 ii 17, ša₃ mu-DU-ra-ta, 1); OrSP 47-49 28:2 = (Nisaba 8 26:ii 18, AS 6 ii 23, ša₃ mu-DU-ra-ta, 1); Nisaba 8 36:i 2 (AS 6 xi 1, ša₃ mu-DU-ra-ta, 1); TCL 2 5594:2 = (Nisaba 8 36:iii 25', AS 6 xi 20, ša₃ mu-DU-ra-ta, 1); AUCT 2 125:2 (AS 6 xii 16, mu-DU I₃-lal₃-lum, 1); Nisaba 8 70:iv 19 (AS 7 v 29); UDT 134:2 (AS 7 vi 19, mu-DU Wa-ta₂-ru-um saġġa, 1); Nisaba 8 91:i 12 (AS 7 ix 4, mu-DU Wa-ta₂-ru-um saġġa, 1); MVN 8 127:1 (AS 7 xi 8, ša₃ mu-DU-ra-ta, 1); AUCT 1 361:2 (AS 8 vi 4, mu-DU Wa-ta₂-ru-um saġġa, 1); UDT 123:4 (AS 8 ix 19); Nisaba 8 44:3 (AS 8 ix 24); ASJ 9 319 14:4 (AS 8 xii 16, mu-DU Wa-ta₂-ru-um saġġa, 1); Trouvaille 4:2 (AS 9 i 16, ša₃ mu-DU-ra-ta, 1); AnOr 1 22:4 (AS 9 i 24, ša₃ mu-DU-ra-ta, 1); Princeton 2 107:2 (AS X iii 11, mu-DU [...], 1); PDT 2 811:11 (AS X xii 16, ša₃ mu-DU erin₂ Aš-šur^{ki}, 11).

¹⁸⁴ ^dSud₃: Trouvaille 12:6 (AS 1 xii 23, mu-DU Ku-u₃, 1). For this deity, see Krebernik 2001.

¹⁸⁵ ^dNin-PU₂-mun-na: MVN 11 217:3 (AS 1 x 18, mu-DU ereš-diġir ^dMes-lam-ta-e₃-a, 1). For this DN, see Cavigneaux and Krebernik 1998-2001e: 507 (^dNin-TUL₂-mun-na).

¹⁸⁶ ^dNin-tin-ug₅-ga: Trouvaille 3:7 (AS 1 viii 19); Akkadica 13 28:7 (AS 1 viii 28); MVN 13 695:1 (AS 2 v 27, mu-DU Da-da [gala], 1). For the text MVN 13 695 dating to the second regnal year of Amar-Suen, see Liu 2014a.

¹⁸⁷ ^dNin-urta: Trouvaille 3:5 (AS 1 viii 19); Akkadica 13 28:5 (AS 1 viii 28); BIN 3 37:6 (AS 2 viii 10); Trouvaille 15:1 (AS 3 i 27, mu-DU ensi₂ Nibru^{ki}, 1); AUCT 2 267:1 (AS 4 i 25, mu-DU ensi₂ Nibru^{ki}, 1); AUCT 1 111:1 (AS 4 ii 13, mu-DU ensi₂ Nibru^{ki}, 2); AUCT 1 132:4 (AS 4 iii 24, mu-DU ensi₂ Nibru^{ki}, 1); Rochester 51:2 (AS 4 x 12, mu-DU ensi₂ Nibru^{ki}, 1); AUCT 1 30:1 (AS 4 xi 27, mu-DU Lu₂-^dInana šu-ku₆, 1); AR RIM 5 41 328:1 (AS 4 xii 15, mu-DU ensi₂ Nibru^{ki}, 1); Hirose 184:2 (AS 5 ii 28, mu-DU ensi₂ Nibru^{ki}, 1); OIP 121 238:1 (AS 5 vii 11, mu-DU ensi₂ Nibru^{ki}, 1); CDLJ 2012/1 4.37:13 (AS 5 ix 26, ša₃ mu-DU-ra-ta); OIP 121 293:1 (AS 5 x 6, mu-DU ensi₂ Nibru^{ki}, 1); SA 17:2 (AS 5 x 28, mu-DU ensi₂ Nibru^{ki}, 1); Erm 14690:3 (AS 5 x 29, mu-DU Lu₂-sa₆-ga, 3); OrSP 47-49 30:6 = Nisaba 8 36:iii 1' (AS 6 xi 11, mu-DU ensi₂ Nibru^{ki}, 1);

¹⁸⁸ ^dNusku: Trouvaille 3:4 (AS 1 viii 19); Akkadica 13 28:4 (AS 1 viii 28); BIN 3 37:5 (AS 2 viii 10); UDT 156:8 (AS 2 xii 13, mu-DU ensi₂ Nibru^{ki}, 1); AUCT 2 267:4 (AS 4 i 25, mu-DU NI-in-mu, 1); Rochester 51:1 (AS 4 x 12, mu-DU ensi₂ Nibru^{ki}, 1); Hirose 184:1 (AS 5 ii 28, mu-DU ensi₂ Nibru^{ki}, 1); SA 17:1 (AS 5 x 28, mu-DU ensi₂ Nibru^{ki}, 1); OrSP 47-49 30:5 = Nisaba 8 36:ii 27 (AS 6 xi 11, mu-DU ensi₂ Nibru^{ki}, 1).

¹⁸⁹ ^dŠul-pa-e₃: OrSP 47-49 9:2 (AS 1 ix 10, mu-DU zabar-dab₅, 1); AUCT 2 84:2 (AS 4 x 11, mu-DU Eš₁₈-tar₂-DIĠIR-šu, 1); MVN 8 127:5 (AS 7 xi 8, ša₃ mu-DU-ra-ta).

2.2.1.1.2 For the late deified kings

Aba-saga expended (ba-zi) animals for the throne of Ur-Namma¹⁹¹, to the place of libations of Ur-Namma¹⁹², for Šulgi¹⁹³, and for the throne of Šulgi¹⁹⁴.

2.2.1.1.3 For additional cultic purposes

Others cultic purposes, for which Aba-saga expended (ba-zi) animals, consist of (1) the “contest” (a-da-min) during the *akiti*- and *šunumun*-festivals¹⁹⁵, (2) the steppe (a-ri-a) of the temple of Enlil-Ninlil¹⁹⁶, (3) the steppe of Ninhursaĝ of Urusaĝrig¹⁹⁷, (4) the “gate” (abul) of Nanna¹⁹⁸, (5) the dais (bara₂) of An¹⁹⁹, (6) the “holy mound” (du₆-ku₃)²⁰⁰, (7) the “*Du’ur*” (du₆-ur₃)²⁰¹, (8) the “*Dublamah*” (dub-la₂-mah)²⁰², (9) the (divine) “oven” (gu₂-bil₂)²⁰³, (10) the siskur-rite of Iškur at the palace²⁰⁴, (11) (the siskur-rite) at the palace²⁰⁵, (12) the siskur-rite when the king was on the road²⁰⁶, and (13) the “cultic table” (zag-gu₂-la₂)²⁰⁷.

¹⁹⁰ ^dUtu: AUCT 1 783:3 (AS 1 x 4, mu-DU en ^dInana, 1); AAICAB 1/1 Ashm.1910-761:3 (AS 2 i 22, mu-DU en ^dInana, 1); SAT 2 724:iii 12 (AS 2 ix 11, mu-DU Za-ri₂-iq, 1); JMEOS 12 43 3496:5 (AS 4 xi 16, mu-DU Ur-^dŠulgi-ra, 1); MVN 8 124:1 (AS 6 i 18, mu-DU en ^dInana, 1); Trouville 13:1 (AS 6 x 27, mu-DU en ^dInana, 1); BIN 3 183:1 (AS 8 vi 16, mu-DU en ^dInana, 1); AUCT 1 497:1 (AS 8 xii 20).

¹⁹¹ ^{ĝis}gu-za Ur-^dNamma: UDT 92:8 (AS 8 xii 29).

¹⁹² ki-a-naĝ Ur-^dNamma: Fs Astour 372:4 (AS 7 x); PDT 1 548:32 (AS 8 vii 2); Nisaba 8 75:7 (AS 8 viii 21, ša₃ mu-DU-ra-ta).

¹⁹³ ^dŠul-gi: Trouville 3:10 (AS 1 viii 19); Akkadica 13 28:10 (AS 1 viii 28).

¹⁹⁴ (^{ĝis})gu-za ^dŠul-gi-(ra): OrSP 47-49 9:6 (AS 1 ix 10, ša₃ mu-DU erin₂ Maš-kan₂-šar-ru-um^{ki}, 2); ICP 467:9 (AS 1 ix 17); UDT 110:6 (AS 1 x 9); AUCT 1 110:8 (AS 1 xi 2); AAICAB 1/1 Ashm.1910-756:5 (AS 2 v 8); SAT 2 724:vi 11 (AS 2 ix 20); AUCT 2 245:4 (AS 3 i 2, mu-DU Ib-ni-^dIŠKUR, 1); TCL 2 5508:66 (AS 4 i 6); CTMMA 1 17:3 (AS 4 vii 1); ASJ 3 74:2 (AS 4 viii 16, ša₃ mu-DU erin₂ Ni-da-ra-aš-pi^{ki}, 2); OIP 121 164:2 (AS 4 ix 8, ša₃ mu-DU Me-ši-nu-nu LU₂.SU, 2); UDT 97:2 (AS 4 ix 19, ša₃ mu-DU Be-li₂-a-ri₂-ik, 2); OIP 121 243:5 (AS 5 vii 24, ša₃ mu-DU mar-tu-e-ne, 1); TCL 2 5484:4 (AS 5 viii 20, ša₃ mu-DU-ra-ta); MVN 1 142:5 (AS 5 viii 24, ša₃ mu-DU Me-ša-nu-nu LU₂.SU, 2); MVN 11 154:6 (AS 5 ix 1, ša₃ mu-DU-ra-ta); OIP 121 271:6 (AS 5 ix 11, ša₃ mu-DU-ra-ta); OIP 121 276:10 (AS 5 ix 15, ša₃ mu-DU-ra-ta); SET 63:7 (AS 6 x 10); Nisaba 8 91:iii 12 (AS 7 ix 21, ša₃ mu-DU-ra-ta); SAT 2 1049:5 = Nisaba 8 91:iii 23 (AS 7 ix 25); UDT 115:4 (AS 8 viii 13, ša₃ mu-DU-ra-ta); PDT 1 671:3 (AS 8 viii 19, ša₃ mu-DU-ra-ta); Nisaba 8 75:5 (AS 8 viii 21, ša₃ mu-DU-ra-ta); Nisaba 8 44:28 (AS 8 ix 24); TCL 2 5500:64 (AS 8 x 17); UDT 92:7 (AS 8 xii 29); AAICAB 1/1 Ashm.1910-754:5 (AS 9 i 14, ša₃ mu-DU-ra-ta, 1); Erm 08060:3 (AS 9 iii 25, ša₃ mu-DU-ra-ta); PDT 2 811:6 (AS X xii 16, ša₃ mu-DU erin₂ Aš-šur^{ki}, 2). For the GN Ni-da-ra-aš-pi^{ki} which is probably a Hurrian(ized), see Owen 1988:113.

¹⁹⁵ a-da-min-še₃ / ša₃ a₂-ki-ti šu-numun-na: AUCT 1 794:2-3 (AS 4 iv 11, ša₃ mu-DU Ur-tilla₃ saĝĝa, 3).

¹⁹⁶ a-ri-a e₂ ^dEn-lil₂ ^dNin-lil₂-la₂-še₃ Lugal-ibila kurušda i₃-dab₅; Akkadica 114-115 99 21:6 (AS 1 xi, mu-DU Ur-^dEn-lil₂-la₂-ka-ta u₃ Ha-ba-ba lu₂-en-nu, 38). For lu₂-en-nu “guardian”, see Grégoire 1970: 33-36.

¹⁹⁷ a-ri-a ^dNin-hur-saĝ Uru-saĝ-rig^{ki}: JCS 32 172 2:2 (AS 4 vi 22, ša₃ mu-DU erin₂ Sa-bu-um^{ki}, 600).

¹⁹⁸ abul ^dNanna: AUCT 1 590:1 (AS 4 xii 2, mu-DU Lu₂-^dNanna dam-gar₃, 1).

¹⁹⁹ bara₂ An-na: AUCT 1 783:1 (AS 1 x 4, mu-DU En-ša₃-ku₃-ge, 1). For the term bara₂/barag, see Sigrist 1992: 141-142.

²⁰⁰ du₆-ku₃: Trouville 3:20 (AS 1 viii 19); Akkadica 13 28:1’ (AS 1 viii 28). For the term du₆-ku₃ “holy mound”, see Tsukimoto 1985: 204-217, Sigrist 1992: 145-146, Sallaberger 1993: 129-130, Frahm 1995, and Such-Gutiérrez 2003: 88-92.

²⁰¹ du₆-ur₃: UDT 110:2 (AS 1 x 9); SET 63:3 (AS 6 x 10). For du₆-ur₃, see Sigrist 1992: 146, and Sallaberger 1993: 130-131.

²⁰² dub-la₂-mah: SET 63:4 (AS 6 x 10); TCL 2 5500:11 (AS 8 x 17). For dub-la₂-mah “the place of judgement” or “den göttlichen Torbau”, see Steinkeller 1985 and Sallaberger 1993: 176.

²⁰³ gu₂-bil₂-še₃: AUCT 1 336:2 (AS 2 v 12). For gu₂-bil₂/ ne/NE/gibil “Ofen^(?)”, see Sallaberger 1993: 117.

²⁰⁴ siskur₂ ^dIškur ša₃ e₂-gal: Trouville 3:12 (AS 1 viii 19). For this phrase, see Sallaberger 1993: 223 and Such-Gutiérrez 2003: 252.

²⁰⁵ ša₃ e₂-gal: AUCT 1 170:1 (AS 4 ii 24, mu-DU niĝ₂-dab₅ ^dAmar-^dEN.ZU e₂ ^dEn-lil₂-la₂-ta “delivery, bringing things for Amar-Suen from the temple of Enlil”). For the phrase mu-DU niĝ₂-dab₅ ^dAmar-^dEN.ZU e₂ ^dEn-lil₂-la₂-ta, see Sigrist 1992: 109 and Sallaberger 1993: 118.

²⁰⁶ siskur₂ lugal ša₃ kaskal: BPOA 6 1102:4-5 (AS 6 X -).

2.2.1.2 For members of the royal household

Between AS 1 x and AS 9 v 26, Aba-saga expended (ba-zi) animals for the following members of the royal household. Moreover, there are no available examples of this type of record between AS 7 xi and AS 8 iv.

Son of Š:	Etel-pu-Dagan ²⁰⁸
lukur of Š:	Ea-niša ²⁰⁹
Wife of AS:	Abisimti ²¹⁰
Son of AS:	Amir-Šulgi ²¹¹ , Inim-Nanna ²¹² , Lu-Šulgi ²¹³
Daughter of AS:	Geme-Eanna ²¹⁴ , Geme-Nanna ²¹⁵ , ME-Ištaran ²¹⁶ , Ninhedu ²¹⁷ , Ninlile-manag ²¹⁸ , Ninlil-

²⁰⁷ zag-gu₂-la₂-še₃: SAT 2 724:rev ii 41' (AS 2 ix 27, mu-DU niĝ₂-<dab₅>^dAmar-^dEN.ZU e₂^dEn-lil₂-ta); PDT 1 200:5 (AS 4 ix 27, mu-DU niĝ₂-dab₅^dAmar-^dEN.ZU e₂^dEn-lil₂-la₂-ta, 1); Nisaba 8 70:ii 23-25 (AS 7 v 13, mu-DU niĝ₂-dab₅^dAmar-^dEN.ZU e₂^dEn-lil₂-ta, 1); Nisaba 8 91:iii 25 (AS 7 ix 25); AuOr 22 303:1 (AS 8 v 11, mu-DU niĝ₂-dab₅^dAmar-^dEN.ZU e₂^dEn-lil₂-ta, 1); UDT 95:1 (AS 8 ix 26).

²⁰⁸ e₂ E-te-el₂-pu₃-^dDa-gan-še₃: AUCT 1 327:9-10 (AS 3 i 5). For Etel-pû-Dagān, see most recently Notizia 2013.

²⁰⁹ E₂-a-ni-ša: OIP 121 276:17 (AS 5 ix 15, ša₃ mu-DU-ra-ta). For Ea-niša, see Weiershäuser 2008: 207-211.

²¹⁰ A-bi₂-si₂-im-ti: AUCT 1 110:14 (AS 1 xi 2); AUCT 2 99:13 (AS 3 xi d 25, mu-DU Še-lu-uš-^dDa-gan/mu-DU I-re-bu-um/mu-DU I-gi₄-ru-um/mu-DU ensi₂ Mar₃-da^{ki}, 2/34/5/1); AACAB 1/1 Ashm.1910-755:5 (AS 3 xi d 26, mu-DU Na-ra-am-E₂-a /mu-DU E₂-Eš₁₈-tar₂-DIĜIR-šu/mu-DU ^dŠul-gi-i₃-li₂/mu-DU Ku₃-^dNin-gal, 1/2/1/1); PDT 2 1293:17 (AS 4 ii 11, mu-DU A-hu-[...] ensi₂ [...] /mu-DU Lu₂-[...], 1/1); BIN 3 81:10 (AS 4 vii 27, mu-DU Še-lu-uš-^dDa-gan/mu-DU A-bu-ni/mu-DU Id-da-a/mu-DU ensi₂ Urum^{ki}/mu-DU A-ba-^dEn-lil₂-gen₇/mu-DU Ur-^dEN.ZU/mu-DU Šu-kab-ta₂, 1/2/1/1/1/1/1); Princeton 1 81:11 (AS 4 ix 26, mu-DU Ur-^dEn-gal-du-du/mu-DU A-da-tum/mu-DU Hu-un-^dŠul-gi/mu-DU Ur-sa₆-sa₆-ga/mu-DU ^dŠul-gi-^dLamma-mu kuš₇/mu-DU lu₂-mah ^dŠara₂/mu-DU Id-da-a/mu-DU A-bu-ni/mu-DU I-ti-ib-ši₂-na-at, 1/1/1/1/1/1/3/1); Hirose 179:3 (AS 5 i 25, mu-DU Ur-dam u₄-da-tuš, 2); MVN 13 849:15 (AS 5 i 26, mu-DU A-bu-ni/mu-DU Nir-i₃-da-ĝal₂/mu-DU I₃-lal₃-lum/mu-DU Be-li₂-a-ri₂-ik/mu-DU Ma₂-sa₆-sa₆/mu-DU I-bi₂-^dIštaran/mu-DU Šu-Ma-ma ensi₂/mu-DU Ur-^dEn-gal-du-du/mu-DU ^dŠul-gi-i₃-li₂/mu-DU Ur-mes ensi₂, 2/2/2/1/1/1/4/1/1); Trouville 27:4 (AS 5 i X, ša₃ mu-DU-ra-ta, 35); Orient 16 46 28:6 (AS 5 viii 16, ša₃ mu-DU-ra-ta, 31); OIP 121 271:2 (AS 5 ix 11, ša₃ mu-DU-ra-ta, 130); OIP 121 283:5 (AS 5 ix 23, mu-DU lu₂-mah ^dŠara₂, 1); CDLJ 2012/1 4.37:6 (AS 5 ix 26, mu-DU u₄-sakar / ša₃ mu-DU-ra-ta, 27); Erm 14740:4 (AS 5 xi 25, ša₃ mu-DU-ra-ta, 10); Nisaba 8 26:iii 6 (AS 6 ii 26); SAT 2 914:4 (AS 6 ix 13, mu-DU ensi₂ URUXA^{ki}, 183); TRU 315:4 (AS 6 x 25, ša₃ mu-DU u₄-nu₂-a, 21); Nisaba 8 36:rev i 15 (AS 6 xi 24); Ontario 1 75:8 = (Nisaba 8 70:iv 7-15, AS 7 v 26, niĝ₂-dab₅ u₄-nu₂-a, 22); Nisaba 8 91:rev i 8 (AS 7 ix 25, niĝ₂-dab₅ u₄-nu₂-a / ša₃ mu-DU-ra-ta, 27); PPAC 4 187:12 (AS 8 v 25); SAT 2 1089:14 (AS 8 vi 27); UDT 129:5 (AS 8 vii 26); UDT 95:10 (AS 8 ix 26); PDT 1 579:11 (AS 9 ii 26); DoCu 259:9 (AS 9 iv 25); Trouville 42:8 (AS 9 v 26); AUCT 2 152:5 (AS X i 1, mu-DU PU₃-ŠA-Eš₁₈-tar₂, 1).

²¹¹ A-mi-ir-^dŠul-gi dumu lugal: AUCT 1 418:2 (AS 2 viii 25, niĝ₂-mussa^{sa2} e₂ Da-da gala-še₃ “betrothal gift to the house of Dada the lamentation singer”); OrSP 47-49 23:2 (AS 3 i 26, mu-DU Da-da u₃-kul, 2). For the term u₃-kul/gul, see Selz 1993: 384 and Michalowski 2006: 53.

²¹² sa₂-du₁₁ Inim-^dNanna “regular offering for Inim-Nanna”: MVN 8 132:4 (AS 1 x); SAT 2 724:rev iii 38 (AS 2 ix).

²¹³ Lu₂-^dŠul-gi dumu lugal: TCL 2 5508:55 (AS 4 i 6).

²¹⁴ Geme₂-e₂-an-na <dumu-munus lugal>: CTMMA 1 17:32 (AS 4 vii 1, ša₃ mu-DU a₂-ki-ti šu-numun “among the deliveries for the *akiti*- and *šunumun*-festivals”).

²¹⁵ Geme₂-^dNanna <dumu-munus lugal>: CTMMA 1 17:16 (AS 4 vii 1, ša₃ mu-DU a₂-ki-ti šu-numun).

²¹⁶ ME-^dIštaran: SAT 2 724:v 16 (AS 2 ix 17, mu-DU KAL-i₃-li₂ dumu Am-i₃-li₂, 15); UDT 106:16 (AS 4 vi 17, mu-DU Ur-^dNin-bad₃/mu-DU en ^dInana, 3/1); CTMMA 1 17:41 (AS 4 vii 1, ša₃ mu-DU a₂-ki-ti šu-numun); BIN 3 81:11 (AS 4 vii 27, mu-DU Šu-kab-ta₂, 1); AUCT 1 585:1 (AS 4 x 27, mu-DU Be-li₂-a-ri₂-ik, 1); AUCT 1 318:2 (AS 4 xii 7, mu-DU Ur-^dEn-lil₂-la₂, 1); AR RIM 5 41 328:4 (AS 4 xii 15, mu-DU Šeš-zi-mu, 1); PDT 1 10:7 (AS 5 i 4, mu-DU en ^dInana, 2); TCND 243:2 (AS 5 ii 13, mu-DU Lu₂-diĝir-ra i₃-du₈, 1); OIP 121 256:4 (AS 5 viii 15, ša₃ mu-DU-ra-ta); MVN 11 154:13 (AS 5 ix 1, ša₃ mu-DU-ra-ta); OIP 121 271:3 (AS 5 ix 11, ša₃ mu-DU-ra-ta); CST 336:2 (AS 5 xi 13, mu-DU Ba-zal-lum, 1); Erm 14740:5 (AS 5 xi 25, ša₃ mu-DU-ra-ta); OIP 121 323:7 (AS 5 xii 22, ša₃ mu-DU-ra-ta); SET 63:96 (AS 6 x 10); OrSP 47-49 30:3 = Nisaba 8 36:ii 22-26 (AS 6 xi 11, mu-DU e₂-u₄-15-ta); OIP 121 337:9 = Nisaba 8 70:ii 5-17 (AS 7 v 11, ša₃ mu-DU-ra-ta); Nisaba 8 70:iv 2 (AS 7 v 24, ša₃ mu-DU-ra-ta); Nisaba 8 75:9 = Nisaba 8 91:ii 18-26 (AS 7 ix 12, ša₃ mu-DU-ra-ta); AUCT 1 416:10 (AS 8 v 10, ša₃ mu-DU-ra-ta); OIP 121 352:2 (AS 8 vi 22, mu-DU Lu₂-^dNanna abgal, 1); PDT 1 548:1 (AS 8 vii 2); MVN 13 546:2 (AS 8 vii 23, ša₃ mu-DU-ra-ta, 1); UDT 109:9 (AS 8 ix 12); SAT 2 1101:8 (AS 8 xi 12, ša₃ mu-DU-ra-ta); JAOS 33 173 6:8 (AS

tukulti²¹⁹, Pakinana²²⁰, Šat-Mami²²¹, Šelepputum²²², Taddin-Eštar²²³, Tešin-Mama²²⁴, wife of Lu-Nanna son of Ur-niġar²²⁵, wife of Lugal-magure²²⁶, wife of Šarrum-bani²²⁷

lukur of AS: Puzur-uša²²⁸, Utat-šinat²²⁹

Brother of AS: Ur-Enlila²³⁰

The ereš-diġir-priestess of Suen: Tulid-Šamši²³¹

2.2.1.3 For different individuals

Between AS 1 viii 20 and AS 9 iv 25, Aba-saga expended (ba-zi) animals for foreigners (see 2.2.1.3.1), for the persons with titles (see 2.2.1.3.2), and for the persons without titles (see 2.2.1.3.3).

2.2.1.3.1 For foreigners

Aba-saga expended (ba-zi) animals for the following 94 foreigners:

Dariba:	Maza ²³²
Duduli:	Hulibar ²³³ , messenger of Hulibar ²³⁴
Gumaraši:	Dub-kišer ²³⁵ , Šulgi-atal ²³⁶

8 vii 11, ša₃ mu-DU-ra-ta); UDT 126:2 (AS 8 vii 28, ša₃ mu-DU-ra-ta); JCS 24 88 63:5 (AS 9 i 11, ša₃ mu-DU-ra-ta); JAOS 33 174 7:13 (AS 9 iii 27, ša₃ mu-DU-ra-ta); BIN 3 201:4 (AS 9 iv 3, ša₃ mu-DU-ra-ta); Erm 14591:4 (AS 9 v 11, ša₃ mu-DU-ra-ta).

²¹⁷ Nin-he₂-du₇ (dumu-munus lugal): CTMMA 1 17:28 (AS 4 vii 1, ša₃ mu-DU a₂-ki-ti šu-numun).

²¹⁸ ^dNin-lil₂-e-ma-an-aġ₂: UDT 97:6 (AS 4 ix 19, ša₃ mu-DU Be-li₂-a-ri₂-ik, 11). For this princess, also see BCT 1 63: mu-DU ^dNin-lil₂-e-ma-an-na-aġ₂ “delivery of Ninlile-manag”, and AnOr 7 99: igi-kar₂ ^dNin-lil₂-e-ma-an-aġ₂ u₄ dumu in-tu-da-a “provisions for Ninlile-manag when she bore a child”. For the term igi-kar₂, see Widell 2008.

²¹⁹ ^dNin-lil₂-tu-kul₂-ti (dumu-munus lugal): CTMMA 1 17:12 (AS 4 vii 1, ša₃ mu-DU a₂-ki-ti šu-numun).

²²⁰ Pa₄-ki-na-na (dumu-munus lugal): CTMMA 1 17:20 (AS 4 vii 1, ša₃ mu-DU a₂-ki-ti šu-numun).

²²¹ Ša-at-^dMa-mi (dumu-munus lugal): CTMMA 1 17:24 (AS 4 vii 1, ša₃ mu-DU a₂-ki-ti šu-numun). The princess Šat-Mami is only attested in this text. A homonymous person appears in Umma texts, see AAICAB 1/1 pl. 38-39 1911-229, AAICAB 1/1 pl. 45 1911-480, AAICAB 1/1 pl. 69-70 1924-668, AnOr 7 296, BPOA 1 566, MVN 18 605, Nisaba 23 24, Nisaba 23 36, and found in one Girsu text (ITT 5 9584).

²²² ki Še-le-pu-tum-ma-še₃: AUCT 1 110:10 (AS 1 xi 2, niġ₂-mussa^{sa2} Tu-pu-tu-pu “betrothal gift of Tuputupu”). For Šelepputum and Tuputupu, see Klein 1990.

²²³ Ta₂-din-Eš₁₈-tar₂: BCT 1 76:6 (AS 2 vii 1, mu-DU Ur-ku₃-nun-na, 1); MVN 13 536:4 (mu-DU Lu₂-^dNin-[gublagal]/mu-DU Lu₂-du₁₀-ga, 1/3); CTMMA 1 17:8 (AS 4 vii 1, ša₃ mu-DU a₂-ki-ti šu-numun); AUCT 1 428:4 (AS 6 ix 8, ša₃ mu-DU-ra-ta); Nisaba 8 75:23 (AS 8 viii 21, ša₃ mu-DU-ra-ta). Note that in the text MVN 13 536, it is not the spelling of Ta₂-din/di₂-Eš₁₈-tar₂ but Ta₂-di₃-Eš₁₈-tar₂.

²²⁴ Te-ši/ši₂-in-Ma-ma (dumu-munus lugal): CTMMA 1 17:35 (AS 4 vii 1, ša₃ mu-DU a₂-ki-ti šu-numun); SAT 2 1049:2 = Nisaba 8 91:iii 20-22 (AS 7 ix 25).

²²⁵ dam Lu₂-^dNanna <dumu Ur-ni₉-ġar dumu-munus lugal>: CTMMA 1 17:47,48 (AS 4 vii 1, ša₃ mu-DU a₂-ki-ti šu-numun); OIP 121 276:15 (AS 5 ix 15, ša₃ mu-DU-ra-ta); Nisaba 8 70:i 22-23 (AS 7 v 7).

²²⁶ dam Lugal-ma₂-gur₈-re <dumu-munus lugal>: CTMMA 1 17:38,48 (AS 4 vii 1, ša₃ mu-DU a₂-ki-ti šu-numun).

²²⁷ dam Šar-ru-um-ba-ni <dumu-munus lugal>: CTMMA 1 17:44,48 (AS 4 vii 1, ša₃ mu-DU a₂-ki-ti šu-numun).

²²⁸ PU₃.ŠA-u₂-ša lukur lugal: Nik 2 484:2 (AS 5 ix 24, ša₃ mu-DU I-šar-ra-ma-aš, 2). For the term lukur, see most recently Sharlach 2008.

²²⁹ U₂-ta₂-at-ši-na-at lukur lugal: BIN 3 134:2 (AS 7 iv 1).

²³⁰ Ur-^dEn-lil₂-la₂ šeš lugal: MVN 8 129:12 (AS 4 iv 5, ša₃ mu-DU niġ₂-gur₁₁ Da-bi aga₃-us₂, 11); Nisaba 8 44:9 (AS 8 ix 24).

²³¹ Tu-li-id-^dUTU^{si} (ereš-diġir ^dEN.ZU): OIP 121 276:13 (AS 5 ix 15, ša₃ mu-DU-ra-ta); SAT 2 1020:2 (AS 7 x 28, ša₃ mu-DU-ra-ta).

²³² Ma₂-za lu₂-kin-gi₄-a I₃-še-bu lu₂ Da-ri-ba^{ki}: CTMMA 1 17:86 (AS 4 vii 1, ša₃ mu-DU a₂-ki-ti šu-numun).

²³³ (mu) Hu-li-bar (ensi₂/lu₂ Du₈-du₈-li₂^{ki}-še₃) “(for) Hulibar (governor/person of Duduli”): MVN 8 126:2-3 (AS 7 ix 23); YOS 15 167:5 (AS 7 viii 20); TCL 2 5500:37 (AS 8 x 17). Note that the text MVN 8 126 was rechecked by Bertrand Lafont (1981: 81). For the PN Hulibar, see most recently Notizia 2010.

²³⁴ lu₂-kin-gi₄-a Hu-li-bar lu₂ Du₈-du₈-li₂^{ki}: PDT 1 548:16 (AS 8 vii 2).

²³⁵ Dub-ki-še-er/NI lu₂ Gu-ma-ra-ši^{ki}: AAICAB 1/1 Ashm.1910-758:1 = SAT 2 724:rev i 3’-4’ (AS 2 ix 23). For the

Habid-atal:	<i>Unnamed</i> ²³⁷
Habur:	<i>Unnamed</i> ²³⁸
Harši:	the messenger of Adda-gina ²³⁹ , <i>unnamed</i> ²⁴⁰
Hibilati:	Ithap-atal ²⁴¹ ; Zinugi ²⁴²
Iabibum:	Indadabi ²⁴³
Inšum:	Zuzu ²⁴⁴
Išim-Šulgi:	Ku-Šara ²⁴⁵
Isin:	Pudumkiriš ²⁴⁶
Kakmi:	Dukra ²⁴⁷ , Hiš-atal ²⁴⁸ , Naluk ²⁴⁹ , Rihub ²⁵⁰
Karahar:	Šu-Eštar ²⁵¹
Kulum:	Giršati ²⁵²
Libi:	Nerati ²⁵³
Magan:	Wedum ²⁵⁴
Mahili:	Šedak-gugu ²⁵⁵
Mardaman:	Guzuzu ²⁵⁶ , Nakdamari ²⁵⁷
Marhaši:	Amur-ilum (messenger of Libanugšabaš) ²⁵⁸ , Libanašgubi (messenger of Libanugšabaš) ²⁵⁹ , Šiwil-walah ²⁶⁰

GN Gumaraši, see Astour 1987: 25-26.

²³⁶ d^čŠul-gi-a-tal lu₂ Gu-ma-ra-ši^{ki}: TCL 2 5500:27 (AS 8 x 17).

²³⁷ lu₂ Ha-bi₂-da-tal: Fs Astour 372:ii 10 (AS 7 x). For this GN/PN, see Owen 1997: 377.

²³⁸ lu₂ Ha-bu-ra: Fs Astour 372:ii 9 (AS 7 x). See Astour 1987: 26, Owen 1988: 112 and Owen 1997: 379.

²³⁹ lu₂-kin-gi₄-a Ad-da-gi-na lu₂ Ha-ar-ši^{ki}: PDT 1 548:14 (AS 8 vii 2).

²⁴⁰ Ti-[x]-ti lu₂ Ha-ar-ši^{ki}: AUCT 1 110:21 (AS 1 xi 2, ša₃ mu-DU Zi-ku₅-i₃-li₂, 2).

²⁴¹ It-hal(HI)-pa₂-tal lu₂ Hi-bi₂-la-a^{ki}: PDT 1 548:13 (AS 8 vii 2). For the GN Hibilat, see Astour 1987: 26-27.

²⁴² Zi-nu-gi lu₂ Hi-bi₂-la-ti^{ki}: CTMMA 1 17:94 (AS 4 vii 1, ša₃ mu-DU a₂-ki-ti šu-numun).

²⁴³ In-da-da-bi lu₂ Ia₃-bi-bu-um^{ki}: TCL 2 5500:21 (AS 8 x 17).

²⁴⁴ Zu-zu lu₂ In-šum^{ki}: PDT 1 548:11 (AS 8 vii 2). The PN and GN are only attested in this text. Edzard and Farber (1974: 84) uncertainly suggested that the GN was read as Še-er-šum^{ki} (Astour 1987: 33-34).

²⁴⁵ Ku₃-d^čŠara₂ ensi₂ I-šim-d^čŠul-gi^{ki}: AUCT 3 254:2 (AS 4 vii).

²⁴⁶ Pu-du-um-ki-ri-iš lu₂ Isin^{š_iki}: AAICAB 1/1 Ashm.1910-758:9 = SAT 2 724:rev i 12'-13' (AS 2 ix 23). For the reading of the GN Isin, see Steinkeller 1978.

²⁴⁷ Du-uk-ra (lu₂ Kak-mi^{ki}): AAICAB 1/1 Ashm.1910-758:6,7 = SAT 2 724:rev i 8' (AS 2 ix 23); Nisaba 8 44:32 (AS 8 ix 24, mu-DU Ha-ga-ar^{ki}, 22). For the GN Kak-mi^{ki}, see Röllig 1976-1980, Astour 1987: 27 and Tonietti 2013.

²⁴⁸ Hi-ša-tal lu₂ Kak-mi^{ki}: AAICAB 1/1 Ashm.1910-758:3,7 = SAT 2 724:rev i 5' (AS 2 ix 23).

²⁴⁹ Na-lu-uk lu₂ Kak-mi^{ki}: AAICAB 1/1 Ashm.1910-758:4,7 = SAT 2 724:rev i 6' (AS 2 ix 23).

²⁵⁰ Ri-hu-ub lu₂ Kak-mi^{ki}: AAICAB 1/1 Ashm.1910-758:5,7 = SAT 2 724:rev i 7' (AS 2 ix 23).

²⁵¹ Šu-Eš₁₈-tar₂ lu₂ Kar₂-har^{ki}: Fs Astour 372:ii 5 (AS 7 x). For the GN Karahar, see Steinkeller 1987.

²⁵² Giri₃^{gi-ir}-ša-ti lu₂ Ku-lu-um^{ki}: AAICAB 1/1 Ashm.1910-758:8 = SAT 2 724:rev i 10'-11' (AS 2 ix 23). The PN and GN are only attested in these two texts.

²⁵³ Ne-ra-ti lu₂ Li-bi^{ki}: AAICAB 1/1 Ashm.1910-758:10 = SAT 2 724:rev i 14' (AS 2 ix 23).

²⁵⁴ We-du-um lu₂-kin-gi₄-a Na-du-be₂-li₂ ensi₂ Ma₂-gan^{ki}: CTMMA 1 17:84 (AS 4 vii 1, ša₃ mu-DU a₂-ki-ti šu-numun). For the GN Magan (or Makkan), see Steinkeller 2006.

²⁵⁵ Še-da-ak-gu₂-gu₂ lu₂ Ma-hi-li^{ki}: TCL 2 5500:45 (AS 8 x 17). For the GN Mahili, see Astour 1987: 28-29.

²⁵⁶ Gu-zu-zu lu₂ Ma-ar-da-ma-an^{ki}: UDT 92:22 (AS 8 xii 29).

²⁵⁷ Na-ak-da-ma-ri lu₂ Mar-da-ma-an^{ki}: TCL 2 5500:41 (AS 8 x 17).

²⁵⁸ A-mur-DIGIR (lu₂-kin-gi₄-a Li-ba-nu-ug-ša-ba-aš ensi₂ Mar-ha-ši^{ki}): TCL 2 5508:19 (AS 4 i 6); AUCT 2 278:3 (AS 4 ii 25, ša₃ mu-DU erin₂ Tu-tu-ub^{ki}, 11); TCL 2 5500:61 (AS 8 x 17).

²⁵⁹ Li-ba-nu-aš-ku/gu-bi lu₂-kin-gi₄-a Li-ba-nu-ug-ša-ba-aš ensi₂ Mar-ha-ši^{ki}: Trouvaille 27:9 (AS 5 i X, ša₃ mu-DU-ra-ta); PDT 1 126:3-4 (AS 5 viii 11); MVN 1 142:9 (AS 5 viii 24, ša₃ mu-DU Me-ša-nu-nu LU₂.SU, 11); MVN 11 154:11 (AS 5 ix 1, ša₃ mu-[DU-ra-ta]).

²⁶⁰ Ši-wi-il-wa-la-ah: Fs Astour 372:ii 3 (AS 7 x). For this name, see Owen 1997:382.

Mari:	Akbani ²⁶¹ , Amur-Šulgi/Amir-Šulgi ²⁶² , Hun-Šulgi ²⁶³ , Šeda-kuku ²⁶⁴ , Šu-Dagan ²⁶⁵ , Šulgi-abi ²⁶⁶ , Šulgi-ili ²⁶⁷ , Šulgi-palil ²⁶⁸
Nihi:	Šu-Eštar ²⁶⁹
Nikab:	<i>Unnamed</i> ²⁷⁰
Rimuš:	Ariphuppi ²⁷¹
Simurum:	Kiribulme ²⁷²
Šarithum:	Kidani ²⁷³
Šašru:	Aridubuk ²⁷⁴
Šetirša:	Tahi-šen ²⁷⁵
Šimānum:	Arip-atal son of Bušam ²⁷⁶ , <i>unnamed</i> ²⁷⁷
Šimaški:	Adda-buni (messenger of Šebba) ²⁷⁸ , Ahum-ilum ²⁷⁹ , Badatina ²⁸⁰ , Bulbad ²⁸¹ ,

²⁶¹ Ak-ba-ni (lu₂ Ma-ri₂^{ki}): BCT 1 77:7 (AS 2 viii 6, u₄ nam-gala-še₃ i₃-in-ku₄-ra-[a] “when he entered into the gala-ship”); TCL 2 5508:49 (AS 4 i 6); MVN 8 129:6 (AS 4 iv 5, ša₃ mu-DU niĝ₂-gur₁₁ Da-bi aga₃-us₂, 15); CTMMA 1 17:79 (AS 4 vii 1, ša₃ mu-DU a₂-ki-ti šu-numun); SET 63:68 (AS 6 x 10); PDT 1 548:21 (AS 8 vii 2); Nisaba 8 75:20,21 (AS 8 viii 21, ša₃ mu-DU-ra-ta); TCL 2 5500:30 (AS 8 x 17); UDT 92:31 (AS 8 xii 29). For the clause u₄ nam-gala-še₃ i₃-in-ku₄-ra-a, see Michalowski 2006.

²⁶² A-mur-^dŠul-gi (lu₂ Ma-ri₂): Erm 14793:7 (AS 2 xii, niĝ₂-ba lugal); CTMMA 1 17:75 (AS 4 vii 1, ša₃ mu-DU a₂-ki-ti šu-numun, 3); SET 63:66 (AS 6 x 10); PDT 1 548:20 (AS 8 vii 2); Nisaba 8 75:17,21 (AS 8 viii 21, ša₃ mu-DU-ra-ta, 3). A-mi-ir-^dŠul-gi: TCL 2 5500:28 (AS 8 x 17). For Amir-Šulgi from Mari, see one instance MVN 15 189 (Š 47 viii 28): A-mi-ir-^dŠul-gi <lu₂ Ma-ri₂^{ki}>. For the interpretation of Amir-Šulgi identical with Amur-Šulgi, see Owen 1992: 125 (note 57).

²⁶³ Hu-un-^dŠul-gi <mar-tu>: ICP 467:16 (AS 1 ix 17, u₄ nam-gala-še₃ in-ku₄-ra / ša₃ mu-DU Še-lu-uš-^dDa-gan, 3); TCL 2 5508:15,16 (AS 4 i 6); CTMMA 1 17:72 (AS 4 vii 1, ša₃ mu-DU a₂-ki-ti šu-numun); Trouville 27:11 (AS 5 i X, ša₃ mu-[DU-ra-ta]); SET 63:71 (AS 6 x 10); TCL 2 5500:31 (AS 8 x 17). For this person from Mari, see Michalowski 1995.

²⁶⁴ Še-da-ku-ku lu₂ Ma-ri₂^{ki}: CTMMA 1 17:92 (AS 4 vii 1, ša₃ mu-DU a₂-ki-ti šu-numun). For this name, see Owen 1992: 129 (Šeda-kuku). Also note a similar name Še-da-ak-gu₂-gu₂ lu₂ Ma-hi-l^{ki} (TCL 2 5500:45).

²⁶⁵ Šu-^dDa-gan: OIP 121 271:10 (AS 5 ix 11, ša₃ mu-DU-ra-ta). For this person from Mari, see the instances SA 2 and Santag 6 127 (Šu-^dDa-gan lu₂ Ma-ri₂^{ki}).

²⁶⁶ ^dŠul-gi-a-bi₂ (mar-tu): TCL 2 5508:14,16 (AS 4 i 6); CTMMA 1 17:63,64 (AS 4 vii 1, ša₃ mu-DU a₂-ki-ti šu-numun); Trouville 27:10 (AS 5 i X, ša₃ mu-DU-ra-ta, 2); SET 63:69 (AS 6 x 10); PDT 1 548:22 (AS 8 vii 2); TCL 2 5500:32 (AS 8 x 17); UDT 92:29 (AS 8 xii 29). For this person from Mari, see Michalowski 1995.

²⁶⁷ ^dŠul-gi-i₃-li₂ (mar-tu): SAT 2 724:vi 14 (AS 2 ix 20, sa₂-du₁₁ / [u₄] nam-gala-še₃ i₃-in-ku₄-[re-eš-a]); OrSP 47-49 21:1-2 = SAT 2 724:rev i 22’ (AS 2 ix 24, u₄ nam-gala-še₃ i₃-in-ku₄-ra); CTMMA 1 17:73 (AS 4 vii 1, ša₃ mu-DU a₂-ki-ti šu-numun); SET 63:70 (AS 6 x 10); PDT 1 548:23 (AS 8 vii 2); TCL 2 5500:33 (AS 8 x 17); UDT 92:32 (AS 8 xii 29). For this person from Mari, see Michalowski 1995.

²⁶⁸ ^dŠul-gi-pa₂/pa-li₂-il (lu₂ Ma-ri₂): Erm 14793:7 (AS 2 xii); CTMMA 1 17:77 (AS 4 vii 1, ša₃ mu-DU a₂-ki-ti šu-numun); SET 63:67 (AS 6 x 10); Nisaba 8 75:19,21 (AS 8 viii 21, ša₃ mu-DU-ra-ta); TCL 2 5500:29 (AS 8 x 17); UDT 92:30 (AS 8 xii 29).

²⁶⁹ Šu-Eš₁₈-tar₂ lu₂ Ni-hi^{ki}: PDT 1 548:19 (AS 8 vii 2).

²⁷⁰ lu₂ Ni-kab^{ki}: UDT 92:26 (AS 8 xii 29).

²⁷¹ A-ri-ip-hu-up-pi₂ lu₂ Ri-muš^{ki}: UDT 92:19 (AS 8 xii 29). For the GN Rimuš, see Astour 1987: 30-31 and Owen 1988: 112.

²⁷² Ki-ri₂-bu-ul-me lu₂ Si-mu-ru-um^{ki}: TCL 2 5500:49 (AS 8 x 17).

²⁷³ Ki-da-ni lu₂ Ša-ri-it-hu-um^{ki}: TCL 2 5500:25 (AS 8 x 17). For this PN and GN, see Astour 1987: 35-37.

²⁷⁴ A-ri-du-bu-uk lu₂ Ša-aš-ru^{ki}: AUCT 1 414:3 (AS 4 x 8, mu-DU ^dNanna-sa₂-gaz šabra, 1); TCL 2 5500:23 (AS 8 x 17). For this PN and GN, see Hilgert 2009-2011.

²⁷⁵ Ta₂-hi-še-en₆ lu₂ Še-ti-ir-ša^{ki}: Fs Astour 372:ii 7 (AS 7 x). For this PN and GN, see Astour 1987: 34 and Owen 1997: 382.

²⁷⁶ A-ri-ip-a-tal dumu Bu-ša-am lu₂ Ši-ma-nu-um^{ki}: UDT 92:17 (AS 8 xii 29).

²⁷⁷ [x]-na lu₂ Ši-ma-nu-um^{ki}: AUCT 1 110:19 (AS 1 xi 2, ša₃ mu-DU Zi-ku₅-i₃-li₂, 4).

²⁷⁸ Ad-da-bu-ni lu₂-kin-gi₄-a Še-eb-ba <LU₂.SU>: TCL 2 5508:25 (AS 4 i 6). For the GN Šimaški, see recently Steinkeller 2007 and Steinkeller 2014.

²⁷⁹ A-hu-um-DIĜIR lu₂-kin-gi₄-a LU₂.SU [xx] uru-ni-še₃ DU-[...] “(for PN), when he/she went to his/her city, (...)”: AUCT 1 415:4 (AS 3 vii 27).

	Garadadu ²⁸² , Iabrat ²⁸³ , Kimani ²⁸⁴ , Kuzuzu (messenger of Barbarge) ²⁸⁵ , Madatina ²⁸⁶ , Si-ili ²⁸⁷ , Šebi (messenger of Raši) ²⁸⁸
Šuruthum:	Tarhippišman ²⁸⁹
Tikitihum:	Gadabi ²⁹⁰ , Dan-Amar-Suen (son of Gadabi) ²⁹¹
Ulli:	Hun-kibri ²⁹²
U'ul:	messenger of Gu'u ²⁹³
Zidahri:	Šibaraq ²⁹⁴
Zidanum:	Raši ²⁹⁵ , <i>unnamed</i> ²⁹⁶
<i>Amorite:</i>	Abišqin (son of Naplanum) ²⁹⁷ , Adganum ²⁹⁸ , Arizanam ²⁹⁹ , Dannum (brother of Naplanum) ³⁰⁰ , Ilum-dan ³⁰¹ , Išme-ilum ³⁰² , Milganum ³⁰³ , Name-išme-ilum ³⁰⁴ , Naplanum ³⁰⁵ , Napšanum (messenger of Ia'amutum) ³⁰⁶ , NI.AN-bilum (brother of Naplanum) ³⁰⁷ , Udeniġ-saga ³⁰⁸ , wife of NI.AN-bilum ³⁰⁹ , messenger of Akuš-ilum ³¹⁰

²⁸⁰ Ba-da-ti-na: CTMMA 1 17:68 (AS 4 vii 1, ša₃ mu-DU a₂-ki-ti šu-numun).

²⁸¹ Bu-ul-ba-ad (<LU₂.SU>): TCL 2 5508:31 (AS 4 i 6); CTMMA 1 17:69 (AS 4 vii 1, ša₃ mu-DU a₂-ki-ti šu-numun).

²⁸² Ga-ra-da-du LU₂.SU: AUCT 1 414:2 (AS 4 x 8, mu-DU ^dNanna-sa₂-gaz šabra, 1).

²⁸³ Ia₃-ab-ra-at: SET 63:61 (AS 6 x 10).

²⁸⁴ Ki-ma-ni (<LU₂.SU>): TCL 2 5508:20 (AS 4 i 6); CTMMA 1 17:66 (AS 4 vii 1, ša₃ mu-DU a₂-ki-ti šu-numun).

²⁸⁵ Ku-zu-zu lu₂-kin-gi₄-a Ba-ar-ba-ar-ge <LU₂.SU>: TCL 2 5508:23 (AS 4 i 6).

²⁸⁶ Ma-da-ti-na <LU₂.SU>: TCL 2 5508:29 (AS 4 i 6).

²⁸⁷ Si-i₃-li₂ (<LU₂.SU>): TCL 2 5508:21 (AS 4 i 6); CTMMA 1 17:67 (AS 4 vii 1, ša₃ mu-DU a₂-ki-ti šu-numun).

²⁸⁸ Še-bi lu₂-kin-gi₄-a Ra-ši <LU₂.SU>: TCL 2 5508:27 (AS 4 i 6).

²⁸⁹ Tar₂-hi-ip-pi₂-iš-ma-an lu₂ Šu-ru-ut-hu-um^{ki}: AUCT 1 414:4 (AS 4 x 8, mu-DU ^dNanna-sa₂-gaz šabra, 1).

²⁹⁰ Ga-da-bi lu₂ Ti-ki-ti-hu-um^{ki}: TCL 2 5500:16 (AS 8 x 17). For this PN and GN, see Astour 1987: 38.

²⁹¹ KAL-^dAmar-^dEN.ZU dumu Ga-da-bi: TCL 2 5500:18 (AS 8 x 17).

²⁹² Hu-un-ki-ib-ri: TCL 2 5508:37 (AS 4 i 6); CTMMA 1 17:71 (AS 4 vii 1, ša₃ mu-DU a₂-ki-ti šu-numun). For the person's provenience, also see the text MVN 1 113 (Hu-un-ki-ib-ri lu₂ Ul-li^{ki}).

²⁹³ lu₂-kin-gi₄-a Gu-u₄ lu₂ U₃-ul^{ki}: PDT 1 548:17 (AS 8 vii 2).

²⁹⁴ Ši-ba-ra-aq lu₂ Zi-da-ah-ri^{ki}: CTMMA 1 17:89 (AS 4 vii 1, ša₃ mu-DU a₂-ki-ti šu-numun).

²⁹⁵ Ra-ši lu₂ Zi-da-num^{ki}: AUCT 1 414:1 (AS 4 x 8, mu-DU ^dNanna-sa₂-gaz šabra, 1).

²⁹⁶ [...] lu₂ Zi-da-nu-um^{ki}: AUCT 1 110:17 (AS 1 xi 2, ša₃ mu-DU Zi-ku₅-i₃-li₂, 11).

²⁹⁷ A-bi₂-iš-qi₂-in <mar-tu>: TCL 2 5508:9,16 (AS 4 i 6); CTMMA 1 17:61,64 (AS 4 vii 1, ša₃ mu-DU a₂-ki-ti šu-numun).

²⁹⁸ Ad-ga-nu-um mar-tu: PDT 1 548:9 (AS 8 vii 2).

²⁹⁹ A-ri-za-nu-um mar-tu: MVN 8 122:9 (AS 1 viii 20, u₄ nam-gala-še₃ i₃-in-ku₄-ra-a).

³⁰⁰ Dan-num₂ šeš-a-ni <mar-tu>: CTMMA 1 17:62,64 (AS 4 vii 1, ša₃ mu-DU a₂-ki-ti šu-numun). For this PN, see Hilgert 2002: 279.

³⁰¹ DIĠIR-dan mar-tu: SAT 2 724:iii 18 (AS 2 ix 11, u₄ nam-gala-še₃ i₃-in-ku₄-re-ša-a). For this PN, see Hilgert 2002: 281.

³⁰² Iš-me-DIĠIR mar-tu: BCT 1 77:5 (AS 2 viii 6, u₄ nam-gala-še₃ i₃-in-ku₄-ra-[a] / ša₃ mu-DU-ra-ta). For this PN, see Hilgert 2002: 262.

³⁰³ Mi-il₆-ga-nu-um mar-tu: SAT 2 724:rev iii 4 (AS 2 ix 27, mu-DU [PN] / mu-DU [PN], 2/2).

³⁰⁴ Na-me-iš-me-DIĠIR mar-tu: Nisaba 8 91:ii 5 (AS 7 ix 8).

³⁰⁵ Na-ap-la-num₂ (mar-tu): MVN 11 217:9 (AS 1 x 18); Erm 14803:2 (AS 2 x 13, ki Na-ap-la-nu-um mar-tu-še₃); PDT 2 812:3 (AS 3 x 17, mu-DU I-ti-a di-ku₅, 11); TCL 2 5508:5,16 (AS 4 i 6); CTMMA 1 17:60,64 (AS 4 vii 1, ša₃ mu-DU a₂-ki-ti šu-numun); UDT 97:19 (AS 4 ix 19, ša₃ mu-DU Be-li₂-a-ri₂-ik, 10); Trouville 27:15 (AS 5 i X, ša₃ mu-DU-ra-ta); SET 63:49 (AS 6 x 10); Fs Astour 372:i 11 (AS 7 x); PDT 1 548:7 (AS 8 vii 2); TCL 2 5500:54 (AS 8 x 17); UDT 92:14 (AS 8 xii 29); AUCT 2 108:4 (AS 9 ii 25, ša₃ mu-DU-ra-ta); PDT 1 579:1 (AS 9 ii 26, ša₃ mu-DU-ra-ta).

³⁰⁶ Na-ap-ša-nu-um lu₂-kin-gi₄-a Ia₃-a-mu-tum <mar-tu>: TCL 2 5508:12,16 (AS 4 i 6).

³⁰⁷ NI.AN-bu-li šeš-a-ni <mar-tu>: TCL 2 5508:7,16 (AS 4 i 6).

³⁰⁸ U₄-de₃-niġ₂-[sa₆-ga] mar-tu: SAT 2 724:vi 16 (AS 2 ix 20, [u₄] nam-gala-še₃ i₃-in-ku₄-[re-eš-a]).

³⁰⁹ dam NI.AN-bi₂-i₃-lum <mar-tu>: TCL 2 5508:11,16 (AS 4 i 6).

³¹⁰ lu₂-kin-gi₄-a A₂-kuš₃-DIĠIR mar-tu: PDT 1 548:15 (AS 8 vii 2).

Unknown: Adda-hali³¹¹, Bašantibad³¹², Biddu³¹³, Danhalah³¹⁴, Gašiddadu³¹⁵, Huba-Šulgi-daš³¹⁶, Hun-zeri³¹⁷, Išar-libur³¹⁸, KA-DIĜIR³¹⁹, KAL-x-halad³²⁰, Muluš³²¹, Nana-dugše³²², Nanip-atal³²³, PAP-PAP-nin-Ĝiri-ir³²⁴, Šeda-gagi³²⁵

Furthermore, one text (MVN 13 695) mentions that Aba-saga expended (ba-zi) animals for 36 Elamites during the festival of Marhaši people (ezem lu₂ Mar-ha-ši^{ki}-ke₄-ne)³²⁶. These Elamites are given below:

(1) La-ab-HI, (2) Ha-ur₂-na-ni-gi₄, (3) Bu-ra-aš-hi, (4) Me-ra-ah-^dŠul-gi dumu Ma-aš-hu-un-tah-li, (5) Ha-ri-iš-hu-un-tah, (6) Mi-iš-hi-ni-iš-hi, (7) A-za-ba-an dumu Ku-uš-lil₂-li, (8) Wi-ti-ma-aš-hi mu Bu₃-uš-ki-in-še₃, (9) Te-u₃ dumu Wi-ti-ma-aš-hi min, (10) Ša-ma-aš-ki-ti, (11) Du-ga-ma-aš-ti, (12) Mi-šu-a-bi-ir, (13) Za-an-zu, (14) Si-mu, (15) Še-il-ha mu na-na-ma-še₃, (16) Bur-na-zu mu Zi-ik-na-ad-še₃, (17) Gu-ša.ki mu Hu-un-li-še₃, (18) ^dŠul-gi-li-ba-ni dumu Du-ug-ši, (19) A-ab-^dŠul-gi dumu [...], (20) Nu-ki-^dIškur [...]-ba-[-...], (21) [x]-ti-x-[-...], (22) [x]-ha-ši-ki-[-...], (23) Hu-un-da-wa, (24) Še-er-ra-še-er, (25) Za-mi-du-ug, (26) Da-hu-un-ba-an, (27) Še-er-ti, (28) Ki-ip-ti, (29) Ga-ti, (30) Ha-ar-ša-ti-ip, (31) Bu-ra-an-ha-al-bi-id, (32) Še-il-ha-ki-ir-ba-aš, (33) Li-ba-num₂, (34) Si-ri, (35) Še-em, (36) Mu-ur₂-hi-ga-ba

2.2.1.3.2 Persons with titles/professions

Aba-saga expended (ba-zi) animals for the following 55 individuals who hold titles.

aga ₃ -us ₂ “soldier”:	Ahu-šuni ³²⁷ , Puda’a ³²⁸ , the soldiers of Ur ³²⁹
di-ku ₅ “judge”:	Ur-saga ³³⁰
en DN “en of deities”:	en-priest of Inana ³³¹ , en-priestess of Nanna at Gaeš ³³²

³¹¹ Ad-da-ha-li: Fs Astour 372:ii 1 (AS 7 x). For this name, see Owen 1997: 377.

³¹² Ba-ša-an-ti-ba-ad/at: TCL 2 5508:45 (AS 4 i 6); CTMMA 1 17:80 (AS 4 vii 1, ša₃ mu-DU a₂-ki-ti šu-numun).

³¹³ Bi₂-id-du₂: TCL 2 5508:41 (AS 4 i 6).

³¹⁴ Dan-ha-la-ah: CTMMA 1 17:70 (AS 4 vii 1, ša₃ mu-DU a₂-ki-ti šu-numun, 1).

³¹⁵ Ga-šid-da-du: SET 63:72 (AS 6 x 10).

³¹⁶ Hu-ba-^dŠul-gi-da-aš lu₂ [...]: JCS 22 51:6 (AS 5 xi 21, ša₃ mu-DU-ra-ta). For the PN Hu-ba-^dŠul-gi-da-aš, also see the text BIN 3 315.

³¹⁷ Hu-un-ze₂-ri: TCL 2 5508:39 (AS 4 i 6). This name is only attested in this text.

³¹⁸ I-šar-li-bur: CTMMA 1 17:65 (AS 4 vii 1, ša₃ mu-DU a₂-ki-ti šu-numun). For this PN, see Hilgert 2002: 325.

³¹⁹ KA₂-DIĜIR: SET 63:73 (AS 6 x 10). This person was possibly from Babylon.

³²⁰ KAL-[x]-ha-la-ad: TCL 2 5508:35 (AS 4 i 6). The name is possibly restored as Dan-ha-la-ah, see also the text CTMMA 1 17.

³²¹ Mu-lu-uš: TCL 2 5508:47 (AS 4 i 6); CTMMA 1 17:81 (AS 4 vii 1, ša₃ mu-DU a₂-ki-ti šu-numun). For this PN, see Hilgert 2002: 222.

³²² Na-na-dug-še: SET 63:63 (AS 6 x 10).

³²³ Na-ni-pa₂-tal: TCL 2 5500:59 (AS 8 x 17).

³²⁴ PAP-PAP-nin₉-ĜIRI₃/ug₂-ir: UDT 92:27 (AS 8 xii 29). This name in question is only attested in this text. I suggest that the name is possibly read as Pa₄-pa₄ nin₉ Kiš-er “Papa, the sister of Kiššer”.

³²⁵ Še-da-ga-gi: SET 63:65 (AS 6 x 10).

³²⁶ For the Elamites attested in Ur III texts, see most recently Michalowski 2008 and its collation Liu 2014a. Also see Steinkeller 2006.

³²⁷ A-hu-šu-ni aga₃-us₂: Princeton 1 90:6 (AS 2 vi 9, u₄ nam-gala-še₃ in-ku₄-ra).

³²⁸ Pu-da-a aga₃-us₂: SAT 2 724:rev ii 25⁷ (AS 2 ix 26, ša₃ mu-DU Ur-^dUtu, 5).

³²⁹ CST 252:2 (AS 2 iv 1): aga₃-us₂ dumu Uri₅^{ki}-ma u₄ ^dI₇-lu₂-ru-gu₂-še₃ i₃-re-ša ma₂-a ba-na-a-gub “(animals were) loaded on a boat for soldiers, citizens of Ur, when they went to the ordeal river”. For the phrase and translation, see Hallo 2008: 105.

³³⁰ Ur-sa₆-ga di-ku₅: MVN 8 129:16 (AS 4 iv 5, ša₃ mu-DU niĝ₂-gur₁₁ Da-bi aga₃-us₂, 6),

³³¹ en^dInana: MVN 8 118:2 (AS 2 iv 16, mu-DU Še-lu-uš-^dDa-gan, 5); MVN 8 120:2 (AS 2 vi 15, mu-DU ^dEn-lil₂-i₃-sa₆, 2); OrSP 47-49 15:7 (AS 2 vi 16, ša₃ mu-DU mar-tu-e-ne, 12); AUCT 2 373:3 (AS 2 viii 5, ša₃ mu-DU Ur-^dNin-[gub]laga nar, 33); SAT 2 724:iii 20 (AS 2 ix 11); Erm 14803:4 (AS 2 x 13); BPOA 6 666:2 (AS 2 x 22, mu-DU Za-ri₂-iq, 1); UDT 106:3 (AS 4 vi 17, ša₃ mu-DU mar-tu-e-ne, 6); CTMMA 1 17:102 (AS 4 vii 1, ša₃ mu-DU

gala “lamentation-singer”:	Dada ³³³
gudu ₄ DN “gudu-priest”:	unnamed ³³⁴
i ₃ -du ₈ “doorkeeper”:	Sipa-Nanše-inpa ³³⁵
kuš ₇ “chief herdsman”:	Hun-num ³³⁶
lu ₂ ġeštīn “(a profession)”:	Ur-Šulgi ³³⁷
lu ₂ ġišban “archer”:	Ahanšibu ³³⁸
lu ₂ siskur ₂ -ra “(a profession)”:	Geme-barag-siga ³³⁹
lu ₂ ġiš-tigidlu “player of <i>tigidlu</i> -instrument”:	Nin-iksūr ³⁴⁰
maš ₂ -šu-gid ₂ -gid ₂ “diviner”:	NE.NE-a ³⁴¹ , Ze’ena’a ³⁴² , wife of Isarik ³⁴³
muhaldim “cook”:	Ur-Bau ³⁴⁴
(munus)nar “(female) singer”:	Naplis-Ea ³⁴⁵ , Šatbi ³⁴⁶ , Šišarrat ³⁴⁷ , Ur-mes ³⁴⁸ , Ur-

a₂-ki-ti šu-numun); AUCT 1 34:2 (AS 4 x 2, mu-DU Ur-e₂-muš-a, 2); SAT 2 800:6 (AS 4 xii 18, ša₃ mu-DU Nir-i₃-da-ġal₂ / ša₃ mu-DU nam-ra-ak kur mar-tu, 5/125); TRU 311:9 (AS 4 xii 20, mu-DU Ur-^dEn-gal-du-du, 1); TRU 314:5 (AS 6 i 15, mu-DU PU₃.ŠA-šuba₃, 1); DoCu 224:4 (AS 7 vi 14⁺, ša₃ mu-DU-ra-ta); PDT 1 548:27 (AS 8 vii 2); MVN 11 215:7 (AS 8 vii 14, ša₃ mu-DU-ra-ta); PDT 1 671:3 (AS 8 viii 19, ša₃ mu-DU-ra-ta); PDT 1 203:6 (AS 8 ix 29, ša₃ mu-DU-ra-ta); Akkadica 114-115 100 24:2 (AS 8 ix 30, ša₃ mu-DU-ra-ta); AUCT 1 497:4 (AS 8 xii 20, ša₃ mu-DU-ra-ta). en^dInana Unug^{ki}: MVN 8 125:2 (AS 6 ii 25, ša₃ mu-DU-ra-ta).

³³² en^dNanna Ga-eš^{ki}: Erm 14585:6 (AS 5 x 16, mu-DU Da-ne-ni-a-ku₃-ġal₂ / mu-DU Lu₂-bala-sa₆-ga, 5/3); Trouville 4:7 (AS 9 i 16, ša₃ mu-DU-ra-ta).

³³³ Da-da gala: SAT 2 693:10 (AS 2 i 1, mu-DU Arad₂-ġu₁₀, 5); OrSP 47-49 17:2 (AS 2 viii 11, mu-DU I-mi-id-DIĠIR, 5); BPOA 6 74:1 (AS 2 viii 16, mu-DU Šu-na-mu-ġi₄ šabra, 4); SAT 2 724:ii 26 (AS 2 ix 8); BPOA 7 2960:16 (AS 3 xi d 2, mu-DU PU₃.ŠA-^dEN.ZU nu-banda₃ / mu-DU ĠIŠ.GA.TI nu-banda₃ / mu-DU Ip-hur nu-banda₃ / mu-DU A-ma-an-ne-en₆ nu-banda₃ / mu-DU Ha-bi₂-ša nu-banda₃ / mu-DU Lu₂-^dNanna nu-banda₃ / mu-DU A₂-bi₂-lum-ma nu-banda₃, 180/10/10/10/10/10); USC 6812:2 (AS 3 xi d 29); TCL 2 5508:58 (AS 4 i 6, ša₃ mu-DU a₂-ki-ti še-KIN-ku₅); MVN 8 129:20 (AS 4 iv 5, ša₃ mu-DU niġ₂-gur₁₁ Da-bi aga₃-us₂, 20); AUCT 1 121:2 (AS 4 v 25, mu-DU Mi-it-har-iš, 10); MVN 3 333:3 (AS 4 vii 22, mu-DU A₂-bi₂-lum mar-tu, 10); AUCT 1 529:2 (AS 4 viii 13, mu-DU I-din-^dIŠKUR kuš₇, 4); UDT 97:16 (AS 4 ix 19, ša₃ mu-DU Be-li₂-a-ri₂-ik, 1); SAT 2 796:3 (AS 4 xi 15, ša₃ mu-DU erin₂ NI-LAL₂xNIGIN^{ki}, 11); Erm 07774:6 (AS 5 viii 21, mu-DU Ur-^d[x] ensi₂, 2); OIP 121 271:9 (AS 5 ix 11, ša₃ mu-DU-ra-ta); MVN 13 812:2 (AS 5 ix 29, mu-DU Be₆-bu-ru gala-mah, 11); JCS 22 51:3 (AS 5 xi 21, ša₃ mu-DU-ra-ta, 10); NYPL 351:3 = Nisaba 8 26:i 20 (AS 6 i 15, ša₃ mu-DU-ra-ta, 2); Nisaba 8 26 (AS 6 ii 17); OrSP 47-49 29:2 (AS 6 iii 23, mu-DU ^dNisaba-AN.DUL₃, 4); AUCT 1 351:2 (AS 6 ix 25); PDT 2 879:2 (AS 6 x 7, ša₃ mu-DU-ra-ta, 1); Nisaba 8 36:i 22 (AS 6 xi 4, mu-DU I-ġi₄-ha-lum, 5); Nisaba 8 36:ii 13 (AS 6 xi 7, ša₃ mu-DU-ra-ta, 2); Nisaba 8 36:rev i 1 (AS 6 xi 21, ša₃ mu-DU-ra-ta); Nisaba 8 70:i 3 (AS 7 v 2, ša₃ mu-DU-ra-ta); Nisaba 8 70:iv 31 (AS 7 v 29, ša₃ mu-DU-ra-ta); Nisaba 8 91:iii 3 (AS 7 ix 17, ša₃ mu-DU Da-da dumu lugal, 1); Nisaba 8 91:rev i 18 (AS 7 ix 30, ša₃ mu-DU-ra-ta); OIP 121 346:2 (AS 8 v 4, ša₃ mu-DU-ra-ta); OrSP 47-49 35:5 (AS 9 ii 22, ša₃ mu-DU-ra-ta).

³³⁴ Ki-[...] / EN.ZU [...] / En-ki-[...] / Lu₂-ku₄-[x] / KU-[...] <gudu₄ ^dNanna>: AUCT 1 327:1-6 (AS 3 i 5⁺, ša₃ mu-DU a₂-ki-ti še-KIN-ku₅ “among the deliveries for the *akiti*- and *šeKINku*-festivals”).

³³⁵ Sipā-^dNanše-in-pa₃ i₃-du₈: OIP 121 323:2 (AS 5 xii 22, ša₃ mu-DU-ra-ta).

³³⁶ Hu-un-nu-um kuš₇: SAT 2 724:iii 17 (AS 2 ix 11).

³³⁷ Ur-^dŠul-ġi-ra lu₂ ġeštīn: UDT 97:15 (AS 4 ix 19, ša₃ mu-DU Be-li₂-a-ri₂-ik, 10).

³³⁸ A-ha-an-šī₂-bu lu₂ ġišban: Erm 14763:7 = SAT 2 724:iv 40 (AS 2 ix 16, ša₃ mu-DU erin₂ Ba-lu-e^{ki}, 3). For the phrase lu₂ ġišban “archer”, see Michalowski 2006: 53-54.

³³⁹ Geme₂-bara₂-si-ga lu₂ siskur₂-ra: ICP 467:13 (AS 1 ix 17, ša₃ mu-DU Še-lu-uš-^dDa-gan, 2); SAT 2 724:ii 22 (AS 2 ix 8). For this person, see Michalowski 2006: 57.

³⁴⁰ Nin-ik-sur₂ lu₂ ġiš-tigidlu: UDT 97:21 (AS 4 ix 19, ša₃ mu-DU Be-li₂-a-ri₂-ik, 1).

³⁴¹ NE.NE-a maš₂-šu-gid₂-gid₂: Mes 12 95 E:8 (AS 3 xii 4).

³⁴² Ze₂-e-na-a maš₂-šu-gid₂-gid₂: TCL 2 5508:53 (AS 4 i 6, ša₃ mu-DU a₂-ki-ti še-KIN-ku₅).

³⁴³ dam I-sa₃-ri-ik maš₂-šu-gid₂-gid₂: OrSP 47-49 19:2 (AS 2 viii 27, ša₃ mu-DU Ad-da-a nu-banda₃, 10).

³⁴⁴ Ur-^dBa-u₂ muhaldim: CTMMA 1 17:97 (AS 4 vii 1, ša₃ mu-DU a₂-ki-ti šu-numun); SET 63:82 (AS 6 x 10).

³⁴⁵ Na-ap/ba-li₂/li-is-e₂-a nar: SAT 2 724:ii 20 (AS 2 ix 8, ša₃ mu-DU ^dŠul-ġi-zi-mu / ša₃ mu-DU erin₂ URUxU₂^{ki}, 1/3); SAT 2 724:iii 33 (AS 2 ix 12, mu-DU I-ti-^dEN.ZU, 1); SAT 2 724:rev ii 29’ (AS 2 ix 26); Erm 14545:1 (mu-DU I-ti-^dEN.ZU, 1). For this PN, see Hilgert 2002: 224.

³⁴⁶ Ša-at-bi^{munus} nar: MVN 11 217:11 (AS 1 x 18).

	Ningublaga ³⁴⁹
nu-banda ₃ “captain”:	Ama-na’a ³⁵⁰
ra ₂ -gaba “equestrian”:	Abi-abih ³⁵¹ , E’er-beli ³⁵² , Išar-kubaš ³⁵³ , Le’i-sin ³⁵⁴ , Mat-ili ³⁵⁵ , Nammah-Bau ³⁵⁶ , Nanna-palil ³⁵⁷ , Ribagada ³⁵⁸ , Riš-ilum ³⁵⁹ , Turam-Dagan ³⁶⁰ , Uli-iniš ³⁶¹ , Uta-mišaram ³⁶²
sagi “cupbearer”:	Abi-abih ³⁶³ , Abi-rize ³⁶⁴ , Namtiešta ³⁶⁵ , Nanna-palil ³⁶⁶ , Puzur-Suen ³⁶⁷ , Šu-Šulgi ³⁶⁸
sukkal “courier”:	Mat-ili ³⁶⁹
sukkal-mah “Grand Vizier”:	Aradġu ³⁷⁰

³⁴⁷ Ši-šar-ra-at nar-munus: AUCT 1 206:2 (AS 6 xii 1, ša₃ mu-DU-ra-ta).

³⁴⁸ Ur-mes nar: TRU 308:7 (AS 2 vi 11, mu-DU zabar-dab₅, 1).

³⁴⁹ Ur-^dNin-gublaga nar: USC 6812:4 (AS 3 xi d 29); UDT 97:18 (AS 4 ix 19, ša₃ mu-DU Be-li₂-a-ri₂-ik, 20); UDT 118:5 (AS 4 ix m 24, mu-DU Lu₂-^dNanna nu-banda₃, 10); SAT 2 796:6 (AS 4 xi 15, ša₃ mu-DU erin₂ NI-LAL₂xNIGIN^{ki}, 11); BPOA 7 2733:3 (AS 5 viii 17, ša₃ mu-DU-ra-ta); Erm 07774:7 (AS 5 viii 21, mu-DU Ur-^d[x] ensi₂, 2); CDLJ 2012/1 4.36:8 (AS 5 ix 9, ša₃ mu-DU-ra-ta); OIP 121 276:6 (AS 5 ix 15, ša₃ mu-DU-ra-ta); MVN 13 812:6 (AS 5 ix 29, mu-DU ^dŠul-gi-i₃-li₂, 3); NYPL 351:4 = Nisaba 8 26:i 21 (AS 6 ii 15, ša₃ mu-DU-ra-ta), Nisaba 8 26 (AS 6 ii 17); Nisaba 8 36:iii 16’ (AS 6 xi 13); SAT 2 915:2 = Nisaba 8 36:rev i 24 (AS 6 xi 27, ša₃ mu-DU-ra-ta); Santag 7 180:4 (AS 6 xii 5); BIN 3 273:4 (AS 6 xii 23, mu-DU ^dŠul-gi-na-da, 1); Nisaba 8 70:i 6 (AS 7 v 2, ša₃ mu-DU-ra-ta); Nisaba 8 91:i 1 (AS 8 ix 2, mu-DU Šu-i₃-li₂ sukka₁, 1); JSOR 13 177 40:2 = UDT 146:2 = Nisaba 8 91:i 6 (AS 7 ix 3, ša₃ mu-DU-ra-ta); Nisaba 8 91:iii 4 (AS 7 ix 17, ša₃ mu-DU Da-da dumu lugal, 1); Nisaba 8 91:rev i 19 (AS 7 ix 30, ša₃ mu-DU-ra-ta); OIP 121 346:4 (AS 8 v 4, ša₃ mu-DU-ra-ta); UDT 115:7 (AS 8 viii 13, ša₃ mu-DU-ra-ta); Nisaba 8 75:10 (AS 8 viii 21, ša₃ mu-DU-ra-ta); Nisaba 8 44:8 (AS 8 ix 24); OIP 121 361:6 (AS 8 xi 6, ša₃ mu-DU-ra-ta); AUCT 1 54:3 (AS 8 xii 7, mu-DU Dar-zi-gi-ir maš₂-šu-gid₂-gid₂, 3); Akkadica 114-115 100 23:3 (AS 8 xii 18, ša₃ mu-DU-ra-ta); TRU 317:2 (AS 9 iii 23, ša₃ mu-DU-ra-ta); JAOS 33 174 7:3 (AS 9 iii 27, ša₃ mu-DU-ra-ta); BIN 3 201:2 (AS 9 iv 3, ša₃ mu-DU-ra-ta); Erm 07612:3 (AS 9 iv 23, ša₃ mu-DU-ra-ta); DoCu 259:14 (AS 9 iv 25, ša₃ mu-DU-ra-ta).

³⁵⁰ Ama-na-a nu-banda₃: OIP 121 271:13 (AS 5 ix 11, ša₃ mu-DU-ra-ta).

³⁵¹ A-bi₂-a-bi-ih ra₂-gaba / <ra₂-gaba>: UDT 97:8-9 (AS 4 ix 19, u₄ nam-gala-še₃ i₃-in-ku₄-ra₂ / ša₃ mu-DU Be-li₂-a-ri₂-ik, 5); ASJ 3 75:2,8 (AS 4 ix 20, ša₃ mu-DU erin₂ E-ba-al^{ki}, 1).

³⁵² E-er-be-li₂ <ra₂-gaba>: ASJ 3 75:7,8 (AS 4 ix 20, ša₃ mu-DU erin₂ E-ba-al^{ki}, 1). For this PN, see Hilgert 2002: 480.

³⁵³ I-šar-ku₅-ba-aš ra₂-gaba: AAICAB 1/1 Ashm.1910-761:7 (AS 2 i 22, mu-DU Šu-^dEN.ZU di-ku₅, 1). For this PN, see Hilgert 2002: 203.

³⁵⁴ Le-(i₃)-si-in <ra₂-gaba> / (ra₂-gaba): ASJ 3 75:6,8 (AS 4 ix 20, ša₃ mu-DU erin₂ E-ba-al^{ki}, 1); TSU 79:4 (AS 9 iii 24, ša₃ mu-DU-ra-ta, 6); Erm 08060:8 (AS 9 iii 25, ša₃ mu-DU-ra-ta).

³⁵⁵ Ma-at-i₃-li₂ <ra₂-gaba>: ASJ 3 75:5,8 (AS 4 ix 20, ša₃ mu-DU erin₂ E-ba-al^{ki}, 1).

³⁵⁶ Nam-mah-^dBa-u₂ ra₂-gaba: AUCT 1 280:2 (AS 1 viii 29).

³⁵⁷ ^dNanna-palil <ra₂-gaba>: UDT 97:12,14 (AS 4 ix 19, ša₃ mu-DU Be-li₂-a-ri₂-ik, 1). For this PN, see Hilgert 2002: 278.

³⁵⁸ Ri-ba-ga-da ra₂-gaba: Erm 14763:5 = SAT 2 724:iv 37 (AS 2 ix 16, ša₃ mu-DU erin₂ Ba-lu-e^{ki}, 5); Nisaba 8 36:i 16 (AS 6 xi 3, ša₃ mu-DU-ra-ta).

³⁵⁹ Fs Astour 372:5’ (AS 7 x): niġ₂-mussa^{sa2} Ri-iš-DIĠIR ra₂-gaba e₂ Lu₂-^dNin-šubur šabra An-na-še₃ “as the betrothal gift of Riš-ilum (brought into) the house of Lu-Ninšubur the temple perfect of the god An”.

³⁶⁰ Tu-ra-am-^dDa-gan <ra₂-gaba>: UDT 97:13,14 (AS 4 ix 19, ša₃ mu-DU Be-li₂-a-ri₂-ik, 1).

³⁶¹ U₂-li-i₃-ni-iš <ra₂-gaba>: UDT 97:11,14 (AS 4 ix 19, ša₃ mu-DU Be-li₂-a-ri₂-ik, 1). For this PN, see Hilgert 2002: 236.

³⁶² U₂-ta₂-mi-šar-ra-am <ra₂-gaba>: ASJ 3 75:4,8 (AS 4 ix 20, ša₃ mu-DU erin₂ E-ba-al^{ki}, 1).

³⁶³ A-bi₂-a-bi-ih <sagi>: CST 329:2,7 (AS 5 viii 18, ša₃ mu-DU-ra-ta).

³⁶⁴ A-bi₂-ri-ze₂ <sagi>: CST 329:3,7 (AS 5 viii 18, ša₃ mu-DU-ra-ta).

³⁶⁵ Nam-ti-eš₃-ta <sagi>: CST 329:4,7 (AS 5 viii 18, ša₃ mu-DU-ra-ta).

³⁶⁶ ^dNanna-palil <sagi>: CST 329:1,7 (AS 5 viii 18, ša₃ mu-DU-ra-ta).

³⁶⁷ PU₃.ŠA-^dEN.ZU <sagi>: CST 329:6,7 (AS 5 viii 18, ša₃ mu-DU-ra-ta).

³⁶⁸ Šu-^dŠul-gi <sagi>: CST 329:5,7 (AS 5 viii 18, ša₃ mu-DU-ra-ta).

³⁶⁹ Ma-at-i₃-li₂ sukka₁: OIP 121 276:8 (AS 5 ix 15, ša₃ mu-DU-ra-ta).

³⁷⁰ Arad₂-ġu₁₀ (sukka₁-mah): Nisaba 8 70:iii 31 (AS 7 v 24, ša₃ mu-DU-ra-ta); BPOA 7 2862:2 (AS 8 vi 10, ša₃ mu-DU-ra-ta); BPOA 7 2695:1 (AS 8 ix 9, ša₃ mu-DU-ra-ta); AUCT 1 278:2 (AS 8 xi 19, ša₃ mu-DU-ra-ta). For this

šabra “temple perfect”:	Lu-Ninšubur of An ³⁷¹ , Nisaba-andul ³⁷²
u ₄ -da-tuš “jester”:	Nagudu ³⁷³ , Šu-Mama ³⁷⁴ , Ur-dam ³⁷⁵
u ₃ -kul “(a title)”:	Lu-Nanna ³⁷⁶
um-me-da “dry-nurse”:	Kinat-nunu ³⁷⁷ , Kubatum ³⁷⁸ , Rabatum ³⁷⁹ , <i>unnamed</i> ³⁸⁰
zadim “bow-maker”:	Ur-Suen ³⁸¹

2.2.1.3.3 Persons without titles/professions

Aba-saga expended (ba-zi) animals for the following 38 individuals who did not held titles:

Abuni³⁸², Amar-Suen-nawer³⁸³, Bizua³⁸⁴, Bu’udu³⁸⁵, Dubudubu³⁸⁶, Ea-ili³⁸⁷, Enlil-zišaġal³⁸⁸, Ennea³⁸⁹, Geme-Nanna (daughter of Geme-saga)³⁹⁰, Geme-saga (wife of Ur-mes)³⁹¹, Habruša³⁹², Ilallum³⁹³, Kurdi-Baza³⁹⁴, Kur-

person who held at least fourteen high-ranking titles, see Sharlach 2001.

³⁷¹ e₂ Lu₂-^dNin-šubur šabra An-na-še₃: AUCT 1 327:13-14 (AS 3 i 5”).

³⁷² ^dNisaba-an-dul₃ šabra: AUCT 3 254:4 (AS 4 vii).

³⁷³ Na-gu-du (u₄-da-tuš): OrSP 47-49 15:10 (AS 2 vi 16); AUCT 2 285:2 (AS 2 viii 28, ša₃ mu-DU aga₃-us₂ lu₂ BAD₃.AN^{ki}-ke₄-ne, 5). For the title “jester” who apparently used for training bears, see Michalowski 2013: 306. Also see d’Agostino (2012) who uncertainly translated this term as “bear tamer”.

³⁷⁴ Šu-Ma-ma u₄-da-tuš: PDT 2 812:5 (AS 3 x 17, mu-DU Na-ra-am-^dIŠKUR nu-banda₃, 1); TCND 409:5 (AS 5 iv 29); Nisaba 8 70:iv 35 (AS 7 v 29, ša₃ mu-DU-ra-ta).

³⁷⁵ Ur-dam u₄-da-tuš: Nisaba 8 44:21 (AS 8 ix 24).

³⁷⁶ Lu₂-^dNanna u₃-kul : SET 63:33 (AS 6 x 10, mu-DU Šu-ba-ra, 11). For the term u₃-kul, see Michalowski 2006: 53.

³⁷⁷ Ki-na-at-nu-nu <um-me-da lugal>: CTMMA 1 17:51,55 (AS 4 vii 1).

³⁷⁸ Ku₈-ba-tum <um-me-da lugal>: CTMMA 1 17:54,55 (AS 4 vii 1).

³⁷⁹ Ra-ba-tum um-me-ga-gu₇ ME-^dIštaran: ArOr 25 559 13:2 (AS 5 vi 29). Ra-ba-tum: Nisaba 8 44:17 (AS 8 ix 24).

It is doubtful that in the text ArOr 25 559 13, the name Rabatum did not hold the title um-me-ga-gu₇ “wet-nurse”, but um-me-da “dry-nurse”. No other references to the term um-me-ga-gu₇ are attested in the texts dating to the Ur III period. A possible suggestion of this name is Ku₈-ba-tum.

³⁸⁰ um-me-da (lugal): BCT 1 77:2 (AS 2 viii 6, ša₃ mu-DU erin₂ Ni-ra:da-aš-we^{ki}, 2); SAT 2 739:6 (AS 3 vii 13); Nisaba 8 75:24 (AS 8 viii 21, ša₃ mu-DU-ra-ta). For the term ummeda, see Steinkeller 1981: 88-90.

³⁸¹ Ur-^dEN.ZU zadim: MVN 1 142:15 (AS 5 viii 24, ša₃ mu-DU-ra-ta Nu-nu LU₂.SU, 2). This name with its title zadim is only attested in the text.

³⁸² A-bu-ni: MVN 11 214:3 (AS 4 ix, ša₃ mu-DU aga₃-us₂ lu₂ BAD₃.AN^{ki}, 60).

³⁸³ ^dAmar-^dEN.ZU-na-we-er: Nisaba 8 44:22 (AS 8 ix 24).

³⁸⁴ Bi₂-zu-a nin₉ nin: ICP 467:12 (AS 1 ix 17, ša₃ mu-DU Še-lu-uš-^dDa-gan, 15); ASJ 3 74:5 (AS 4 viii 16, ša₃ mu-DU erin₂ NI-[(x)]-da-ra-aš-PI^{ki}, 5); OIP 121 164:6 (AS 4 ix 8, ša₃ mu-DU Me-ši-nu-nu LU₂.SU, 22); TCL 2 5484:7 (AS 5 viii 20); PDT 1 548:30 (AS 8 vii 2); MVN 11 215:11 (AS 8 vii 14, ša₃ mu-DU-ra-ta). For this person identified as the sister of the queen Abisimti and her affiliation with the family of Iddin-Dagan, see Sharlach 2001 and Michalowski 2005.

³⁸⁵ Bu-u₂-du: AUCT 1 298:2 (AS 8 ix 1, ša₃ mu-DU-ra-ta); UDT 92:5 (AS 8 xii 29).

³⁸⁶ Du-bu-du-bu: OIP 121 133:1 (AS 2 xii 26, mu-DU Šar-ru-u[m-x (x)], 1); Trouville 15:4 (AS 3 i 27, mu-DU ^dŠul-gi-na-da, 1). This name is possibly identical with Tu₃-pu-tu₃-pu, see Klein 1990: 24, and the text AUCT 1 110.

³⁸⁷ E₂-a-i₃-li₂: BIN 3 40:6 (AS 2 v 9, niġ₂-gur₁₁ Lu₂-kal-la saġi “property of Lu-kala the cupbearer”).

³⁸⁸ ^dEn-lil₂-zi-ša₃-ġal₂: Nisaba 8 70:iv 33 (AS 7 v 29, ša₃ mu-DU-ra-ta, 1); OrSP 47-49 33:2 (AS 7 x 24, ša₃ mu-DU-ra-ta); Nisaba 8 44:12 (AS 8 ix 24). This person must be identical with the governor of Kuara and the zabar-dab-official, seeing the following references: ^dEn-lil₂-zi-ša₃-ġal₂ ensi₂ Kuara^{ki}: SET 68, JCS 52 39 30, Trouville 76; ^dEn-lil₂-zi-ša₃-ġal₂ zabar-dab₅: BIN 3 134. See also Goetze 1963: 30.

³⁸⁹ En-ne₂-a saġ-rig₇: UDT 93:1 (AS 2 ix 25, ša₃ mu-DU I-šar-ra-ma-aš, 3). For the term saġ-rig₇ “marriage gift”, see Sigrist 1992:204 and George 2011:271. It is unclear whether saġ-rig₇ in this case is a part of the name En-ne₂-a, or defines a title. Another reference to the name En-ne₂-a in Drehem texts is OIP 115 37 (En-ne₂-a nar-munus “Ennea the female singer”).

³⁹⁰ Geme₂-^dNanna dumu-munus Geme₂-sa₆-ga: Santag 7 136:1 (AS 6 iii 1⁺, mu-DU Šu-Ma-ma ensi₂, 2).

³⁹¹ Geme₂-sa₆-ga dam Ur-mes: BIN 3 129:3 (AS 5 v 9, ša₃ mu-DU-ra-ta).

³⁹² Ha-ab-ru-ša: Trouville 27:19 (AS 5 i X, ša₃ mu-[DU-ra-ta]).

³⁹³ I₃-lal₃-lum: BIN 3 66:2 (AS 3 vii 1, mu-DU Ha-ši-pa₂-tal, 10); AUCT 1 84:2 (AS 4 iv 29); TCL 2 5545:3 (AS 4 viii 29, ša₃ mu-DU nam-ra-ak Ša-aš-ru^{ki} u₃ Šu-ru-ud-hu-um^{ki}, 50); PDT 1 200:3 (AS 4 ix 27, mu-DU Ši-ha-lum, 10); KM 89146:4 (AS 5 v 25, ša₃ mu-DU-ra-ta, 2); Erm 07774:1 (AS 5 viii 21); MVN 1 142:12 (AS 5 viii 24, ša₃ mu-DU-ra-ta Nu-nu LU₂.SU, 40); OIP 121 271:14 (AS 5 ix 11, ša₃ mu-DU-ra-ta); Nik 2 484:10 (AS 5 ix 24, mu-DU Igi-ha-lum, 5); OIP 121 293:8 (AS 5 x 6, mu-DU U₁₈-ba-a, 5); NYPL 351:2 = Nisaba 8 26:i 19 (AS 6 ii 15, ša₃ mu-

ĝiriniše³⁹⁵, Lu-diĝira (son of Da-HI)³⁹⁶, Lugal-kuzu³⁹⁷, Lugal-magure³⁹⁸, Masasa³⁹⁹, Murdu-gaba⁴⁰⁰, Naram-Ea⁴⁰¹, Papan-šen⁴⁰², Rim-Kakka⁴⁰³, Šili-Adad⁴⁰⁴, Šarrum-bani⁴⁰⁵, Šašimi (wife of Naram-ili)⁴⁰⁶, Šeš-kala⁴⁰⁷, Ur-Ašnan (son of Ahu-šuni)⁴⁰⁸, Ur-eanna⁴⁰⁹, Watarum⁴¹⁰, Zebi⁴¹¹, Ze'enam⁴¹², daughter-in-law of Nanip-atal⁴¹³, mother of Rabatum⁴¹⁴, mother of the queen⁴¹⁵, wife of Amir-Šulgi⁴¹⁶, wife of Kur-ĝiriniše⁴¹⁷, wife of Ku'u⁴¹⁸, the snake charmer (muš₃-lah₅)⁴¹⁹.

Furthermore, one text (TCL 2 5484), dated AS 5 viii 20, records that Aba-saga expended (ba-zi) 28 animals designated as the saĝ-rig-gifts (saĝ-rig₇) for 20 individuals, which took place at the

DU-ra-ta, 4), Nisaba 8 26 (AS 6 ii 17); AUCT 1 351:4 (AS 6 ix 25); Nisaba 8 36:i 11 (AS 6 xi 3, ša₃ mu-DU-ra-ta, 25); Nisaba 8 36:ii 7 (AS 6 xi 5); Nisaba 8 70:iii 4 (AS 7 v 18, mu-DU ensi₂ Kiš^{ki}, 2); Nisaba 8 70:iii 16 (AS 7 v 22, ša₃ mu-DU-ra-ta); AUCT 1 416:2 (AS 8 v 10, ša₃ mu-DU-ra-ta); UDT 123:6 (AS 8 ix 19); Nisaba 8 44:15 (AS 8 ix 24); TCL 2 5500:6 (AS 8 x 17); OIP 121 361:2 (AS 8 xi 6, ša₃ mu-DU-ra-ta); SAT 2 1101:1 (AS 8 xi 12, ša₃ mu-DU-ra-ta); JCS 24 88 63:1 (AS 9 i 11, ša₃ mu-DU-ra-ta); AUCT 1 395:3 (AS 9 i 12, ša₃ mu-DU-ra-ta); AAICAB 1/1 Ashm.1910-754:8 (AS 9 i 14, ša₃ mu-DU-ra-ta).

³⁹⁴ Qur/Kur₃-di₃-^dBa-za: TCL 2 5484:31 (AS 5 viii 20, ša₃ mu-DU-ra-ta); Nisaba 8 91:ii 1 (AS 7 ix 8).

³⁹⁵ Kur-ĝiri₃-ni-še₃: TCL 2 5484:30 (AS 5 viii 20, ša₃ mu-DU-ra-ta).

³⁹⁶ Lu₂-diĝir-ra dumu Da-HI u₄ nam-gala-še₃ i₃-in-ku₄-ra-a: Erm 14763:2 = SAT 2 724:iv 33-34 (AS 2 ix 16, ša₃ mu-DU erin₂ Ba-lu-e^{ki}, 5).

³⁹⁷ Lugal-ku₃-zu: BIN 3 101:2 (AS 4 x 4, ša₃ mu-DU erin₂ A-bi₂-ba-na^{ki}, 21); TCND 247:2 (AS 5 xi 11, ša₃ mu-DU-ra-ta); OIP 121 318:8 (AS 5 xii 17, mu-DU Lugal-an-dul₃ ra₂-gaba, 1); PDT 2 879:5 (AS 6 x 7, ša₃ mu-DU-ra-ta); Santag 7 180:5 (AS 6 xii 5); Nisaba 8 91:iii 2 (AS 7 ix 17, ša₃ mu-DU Da-da dumu lugal, 1); PDT 1 192:1 (AS 8 vi 19); Nisaba 8 44:11 (AS 8 ix 24); Princeton 2 27:1 (AS 8 x 2, ša₃ mu-DU-ra-ta).

³⁹⁸ Lugal-ma₂-gur₈-re: Mes 12 95 E:6 (AS 3 xii 4, mu-DU mar-tu-ne / mu-DU Wa-wa-ti dam-gar₃, 10/3); AUCT 2 267:7 (AS 4 i 25, mu-DU ^dŠul-gi-i₃-li₂ nu-banda₃, 1); UDT 106:7 (AS 4 vi 17, ša₃ mu-DU mar-tu-e-ne, 10); SAT 2 794:2 (AS 4 ix 2, ša₃ mu-DU Ha-ši-pa₂-tal, 25); PDT 1 200:1 (AS 4 ix 27, mu-DU Ši-ha-lum, 10); PDT 1 32:4 (AS 5 i 3, ša₃ mu-DU nam-ra-ak kur mar-tu, 9); Erm 14611:2 (AS 5 ii 23); KM 89146:2 (AS 5 v 25, ša₃ mu-DU-ra-ta); OIP 121 243:3 (AS 5 vii 24, ša₃ mu-DU mar-tu-e-ne, 10); CDLJ 2012/1 4.36:2 (AS 5 ix 9, ša₃ mu-DU-ra-ta); PDT 1 58:2 (AS 5 ix 10, mu-DU Da-la-a, 1); CDLJ 2012/1 4.37:9 (AS 5 ix 26, ša₃ mu-DU-ra-ta); TCND 248:2 (AS 5 xi 23, mu-DU Nir-i₃-da-ĝal₂, 1); PDT 2 860:5 (AS 6 ix 15, mu-DU I-din-^dDa-gan, 2); TRU 315:6 (AS 6 x 25, ša₃ mu-DU u₄-nu₂-a “among the deliveries for Dark-Moon-Day”); Nisaba 8 70:i 1 (AS 7 v 2, ša₃ mu-DU-ra-ta); BIN 3 136:3 = Nisaba 8 70:i 29 (AS 7 v 8, ša₃ mu-DU-ra-ta); Nisaba 8 70:iii 18 (AS 7 v 22, ša₃ mu-DU-ra-ta); Nisaba 8 70:iv 29 (AS 7 v 29, ša₃ mu-DU-ra-ta); Nisaba 8 70:rev i 4 (AS 7 v 30, ša₃ mu-DU-ra-ta); Nisaba 8 91:i 19 (AS 7 ix 5, ša₃ mu-DU-ra-ta); Nisaba 8 91:iii 1 (AS 7 ix 17, ša₃ mu-DU Da-da dumu lugal, 3); Nisaba 8 91:iii 15 (AS 7 ix 21, ša₃ mu-DU-ra-ta); Nisaba 8 75:14 (AS 8 viii 21, ša₃ mu-DU-ra-ta); AUCT 1 393:2 (AS 8 ix 9, ša₃ mu-DU-ra-ta); AUCT 1 395:5 (AS 9 i 12, ša₃ mu-DU-ra-ta); TSU 79:2 (AS 9 iii 24, ša₃ mu-DU-ra-ta); Erm 08060:7 (AS 9 iii 25, ša₃ mu-DU-ra-ta).

³⁹⁹ Ma₂-sa₆-sa₆: Trouvaille 9:5 (AS 2 x 7).

⁴⁰⁰ Mu-ur₂-du₁₀-gaba: SET 63:44 (AS 6 x 10, mu-DU Šu-ba-ra, 11).

⁴⁰¹ Na-ra-am-E₂-a: SAT 2 724:v 35 (AS 2 ix 18).

⁴⁰² Pa₂-pa₂-an-še-en: Princeton 1 82:4 (AS 8 viii 2, ša₃ mu-DU-ra-ta).

⁴⁰³ Ri-im-ga-ga: SET 63:41 (AS 6 x 10, mu-DU Šu-ba-ra, 11).

⁴⁰⁴ Ši-li-^dIŠKUR: OIP 121 271:12 (AS 5 ix 11, ša₃ mu-DU-ra-ta).

⁴⁰⁵ Šar-ru-um-ba-ni: ICP 467:18 (AS 1 ix 17, ša₃ mu-DU SUHUŠ-ki-in, 1).

⁴⁰⁶ Ša-ši-mi dam Na-ra-am-i₃-li₂: OrSP 47-49 21:4 = SAT 2 724:rev i 26' (AS 2 ix 24, ša₃ mu-DU Nu-i₃-da, 11).

⁴⁰⁷ Šeš/Ir₃-kal-la: SET 63:39 (AS 6 x 10, mu-DU Šu-ba-ra, 11).

⁴⁰⁸ Ur-^dAšnan dumu A-hu-šu-ni: SET 63:76-77 (AS 6 x 10).

⁴⁰⁹ Ur-e₂-an-na: TCL 2 5508:51 (AS 4 i 6); SET 63:36 (AS 6 x 10, mu-DU Šu-ba-ra, 12).

⁴¹⁰ Wa-ta₂-ru-um: Nisaba 8 91:i 17 (AS 7 ix 5 or 6 or 7, ša₃ mu-DU-ra-ta).

⁴¹¹ Ze₂-bi: Nisaba 8 44:20 (AS 8 ix 24).

⁴¹² Ze₂-e-nam: Nisaba 8 385:14' (AS 1 ix 26). This name is possibly a variant of Zu-u₂-nu-um, originally from the Akkadian word *za'ānum* “ausgestattet, geschmückt sein” (see Hilgert 2002: 257).

⁴¹³ e₂-gi₄-a Na-ni-pa₂-tal: Nisaba 8 70:i 17 (AS 7 v 7).

⁴¹⁴ ama Ra-ba-tum: UDT 115:1 (AS 8 viii 13, ša₃ mu-DU-ra-ta).

⁴¹⁵ A-am-KU/ma ama nin: OrSP 47-49 15:12 (AS 2 vi 16). This name is suggested to read as ^{a-am-ma}ama nin “mother of the queen (probably Abisimti)”.

⁴¹⁶ dam A-mi-ir-^dŠul-gi: Erm 07774:3 (AS 5 viii 21, ša₃ mu-DU In-da-da nu-banda₃, 2).

⁴¹⁷ dam Kur-ĝiri₃-ni-še₃: OrSP 47-49 17:5 (AS 2 viii 11, ša₃ mu-DU erin₂ Ne-be₂-ru-um^{ki}, 10).

⁴¹⁸ dam Ku-u₃: AUCT 2 157:4 (AS 3 vii 12, mu-DU Niĝ₂-gu-du, 4).

⁴¹⁹ muš₃-lah₅: MVN 11 217:5 (AS 1 x 18, mu-DU En-ur₂-ku₃-ge i₃-du₈, 1).

palace. They are given below:

(1) Ahatum (A-ha-tum, Line 9), (2) Amma (Am-ma, Line 21), (3) DA-šim-ŠE (DA-ši-im-ŠE₃, Line 11), (4) DA.UŠ.BU (DA.UŠ.BU, Line 20), (5) DU-enna ([x]-DU-en-na, Line 26), (6) Eniš-šage (E-ni-iš-ša₃-ge, Line 27), (7) Iṭib-šināt (I-ṭib-ši-na-at, Line 18, see Hilgert 2002:375-376), (8) KU-nizu (KU-ni-zu, Line 24), (9) Libur-ituni (Li-bur-i₃-tu₃-ni, Line 8, see Hilgert 2002:359), (10) Libur-simti (Li-bur-si₂-im-ti, Line 17), (11) Ludamiq (Lu-da-mi-iq, Line 16), (12) ME-Nin-Isin (ME-^dNin-Isin₂^{si}, Line 10), (13) Šiduri (Ši-du₂-ri, Line 23), (14) SIG.PAP Buzinat (SIG₇.PAP Bu-zi-na-at, Line 22), (15) Šišarrat (Ši-šar-ra-at, Line 14), (16) Šulgi-anzaše (^dŠul-gi-an-za₃-še₃, Line 19), (17) Šulgi-mišar (^dŠul-gi-mi-šar, Line 13), (18) Taddin-kiza (Ta₂-din-ki-za, Line 12), (19) Ubartum (U-bar-tum, Line 15), and (20) UD.IB.KI ([x]-UD.IB.KI, Line 25).

2.2.1.4 For the E'uzga

Between AS 1 ix 24 and AS 9 v 26, Aba-saga expended (ba-zi) animals for the E'uzga⁴²⁰.

⁴²⁰ e₂ uz-ga: BPOA 6 68:1 (AS 1 ix 24, mu-DU Za-ri₂-iq, 1); MVN 11 217:1 (AS 1 x 18, mu-DU zabar-dab₅, 1); BPOA 7 2839:5 (AS 1 xi 13, mu-DU Arad₂-ḡu₁₀, 1); ASJ 9 266 70:6 (AS 2 i 4, mu-DU Ha-ab-ru-še-er, 1); BPOA 7 2892:5 (AS 2 i 17, mu-DU en^dInana, 1); AAICAB 1/1 Ashm.1910-761:10 (AS 2 i 22, mu-DU Ur-tilla₅ saḡḡa, 2); CHEU 20:7 (AS 2 i 24, mu-DU Er₃-ra-nu-id / mu-DU SUHUŠ-ki-in / mu-DU ^dŠul-gi-na-da, 1/3/1); MVN 8 116:2 (AS 2 i 27, mu-DU Ur-tilla₃ saḡḡa, 1); PDT 2 896:2 (AS 2 ii 5, mu-DU SUHUŠ-ki-in, 2); BIN 3 47:2 (AS 2 ii 25, mu-DU Hu-un-ha-ab-ur, 2); MVN 20 192:3 (AS 2 v 11, mu-DU Arad₂-ḡu₁₀ / mu-DU Še-lu-uš-^dDa-gan, 1/2); PDT 2 815:2 (AS 2 vii 5, mu-DU en^dInana, 1); AUCT 2 373:10 (AS 2 viii 5, mu-DU Ba-za-mu, 1); SAT 2 724:ii 31 (AS 2 ix 8, mu-DU Ur-^dEn-lil₂-la₂, 1); SAT 2 724:iv 23 (AS 2 ix 15, mu-DU Lugal-ma₂-gur₈-re, 1); SAT 2 724:vi 24 (AS 2 ix 20, mu-DU I₃-lal₃-lum, 1); SAT 2 27:rev ii 39' (AS 2 ix 27, mu-DU Na-ra-am-i₃-li₂, 1); MVN 8 123:2 (AS 2 xi 16, mu-DU Šu-^dEN.ZU, 2); OIP 121 130:3 (AS 2 xi 18, mu-DU Wa-ta₂-ru-um / mu-DU Šu-^dEN.ZU, 1/1); AUCT 1 190:1 (AS 2 xii 4, mu-DU I₃-lal₃-lum, 1); PDT 1 191:1 (AS 2 xii 24, mu-DU Šeš-kal-la, 1); AuOr Suppl.11 653:5 (AS 3 i 21); OrSP 47-49 23:5 (AS 3 i 26, mu-DU SUHUŠ-ki-in, 5); Trouville 15:3 (AS 3 i 27, mu-DU ^dŠul-gi-na-da, 2); PDT 2 785:2 (AS 3 v 6, mu-DU Ur-^dEn-lil₂-la₂, 1); AUCT 2 157:2 (AS 3 vii 12, mu-DU Arad₂-ḡu₁₀, 1); AUCT 1 415:1 (AS 3 vii 27, mu-DU Ha-ab-ru-bu, 1); AAICAB 1/1 Ashm.1910-755:7 (AS 3 xi d 26, mu-DU Nir-i₃-da-ḡal₂, 1); AUCT 1 837:2 (AS 3 xi d 28, mu-DU Arad₂-ḡu₁₀, 1); Mes 12 95 E:14 (AS 3 xii 4, mu-DU Šu-^dEN.ZU, 1); TRU 309:2 (AS 3 xii 7, mu-DU Arad₂-ḡu₁₀, 1); AUCT 1 724:2 (AS 4 i 18, mu-DU Iḡi-an-na-ke₄-zu, 2); BPOA 6 723:2 (AS 4 i 21, mu-DU Lugal-ma₂-gur₈-re nu-banda₃, 1); AR RIM 5 35 318:2 (AS 4 i 22, mu-DU Da-da u₃-kul, 1); SumRecDreh 1:2 = PDT 2 1293:1 (AS 4 ii 2, mu-DU A-da-tum, 1); OIP 121 153:2 = PDT 2 1293:8 (AS 4 ii 3, mu-DU ^dŠul-gi-na-da, 1); CDLJ 2002/1 4:2 (AS 4 ii 15, mu-DU Ša₃-ga-na-kum, 6); AUCT 1 170:6 (AS 4 ii 24, mu-DU Ur-^dEn-lil₂-la₂, 1); BIN 3 73:5 (AS 4 iii 14, mu-DU I₃-lal₃-lum, 1); MVN 8 130:2 (AS 4 iv 12, mu-DU I₃-lal₃-lum, 1); AUCT 1 862:2 (AS 4 v 9, mu-DU A-hu-ni, 1); BPOA 7 2874:10 (AS 4 vi 18, mu-DU I₃-lal₃-lum, 1); MVN 3 333:8 (AS 4 vii 22, mu-DU ^dŠul-gi-na-da, 2); BIN 3 81:1 (AS 4 vii 27, mu-DU Lugal-ma₂-gur₈-re, 1); OIP 121 164:9 (AS 4 ix 8, mu-DU Še-lu-uš-^dDa-gan, 1); AUCT 1 238:2 (AS 4 ix 9, mu-DU Ur-^dEn-lil₂-la₂, 1); Princeton 1 81:15 (AS 4 ix 26, mu-DU Za-zi / mu-DU Lu₂-ku₃-zu, 1/1); UDT 118:1 (AS 4 ix m 24, mu-DU en^dInana, 1); Trouville 19:1 (AS 4 x 1, mu-DU Du-uk-ra, 1); BIN 3 101:4 (AS 4 x 4, mu-DU DU-BI-ra, 1); AUCT 2 84:5 (AS 4 x 11, mu-DU Lu₂-^dNanna saḡi, 2); PDT 1 355:5 (AS 4 x 20, mu-DU Šu-^dEN.ZU / mu-DU Še-lu-uš-^dDa-gan / mu-DU DIḡIR-ki-ma-at saḡi / Lugal-ma₂-gur₈-re, 1/1/1); AUCT 1 944:2 (AS 4 x m 13, mu-DU Šu-^dEN.ZU, 1); OrSP 47-49 26:2 (AS 4 xi 12, mu-DU Lugal-ma₂-gur₈-re, 1); AUCT 1 518:3 (AS 4 xi 19, mu-DU ensi₂ Gir₁₃-tab^{ki} / mu-DU Lugal-ma₂-gur₈-re, 1/1); DoCu 237:2 (AS 4 xi 20, mu-DU Pa₂-pa₂-an-še-en, x); ASJ 9 267 73:2 (AS 4 xi 23, mu-DU Hu-ba-a, 1); AUCT 1 30:5 (AS 4 xi 27, mu-DU Bur-Ma-ma dam-gar₃, 2); AR RIM 5 41 328:7 (AS 4 xii 15, mu-DU Pa₂-pa₂-an-še-en, 1); SAT 2 800:10 (AS 4 xii 18, mu-DU En-ur₂-ku₃-ge / mu-DU Arad₂-ḡu₁₀, 1/1); TRU 311:7 (AS 4 xii 20, mu-DU ^dŠul-gi-na-da / mu-DU Lu₂-^dNanna, 3/3); AUCT 1 606:2 (AS 4 xii 21, mu-DU Šu-Da-da, 1); BIN 3 92:5 (AS 4 xii 25, mu-DU Ur-e₂-an-na nu-banda₃ / mu-DU Šu-Da-da, 1/1); AUCT 2 147:2 (AS 4 xii 26, mu-DU Wa-ta₂-ru-um saḡḡa, 1); PDT 1 10:5 (AS 5 i 4, mu-DU en^dInana, 1); KM 89191:5 (AS 5 i 18, mu-DU Šeš-kal-la šu-ku₆ / mu-DU Du-uk-ra, 1/1); TCND 242:2 (AS 5 i 21, mu-DU Ku-u₃, 1); Erm 14866:2 (AS 5 i 23, mu-DU Nir-i₃-da-ḡal₂, 1); HS 2261:3 (AS 5 i 24, mu-DU Arad₂-ḡu₁₀, 2); CST 299:4 (AS 5 i 26, mu-DU Nir-i₃-da-ḡal₂ / mu-DU ^dNanna-i₃-sa₆ dumu Nam-ha-ni, 1/1); OIP 121 205:3 (AS 5 iv 28, mu-DU Lu₂-^dInana šu-ku₆ / mu-DU Arad₂-ḡu₁₀, 1/1); OIP 121 214:2 (AS 5 v 10, mu-DU Da-da gala, 1); HS 2271:2 (AS 5 vi 9, mu-DU Tah-ša-tal, 1); PDT 1 143:2 (AS 5 vi 12, mu-DU PU₃.ŠA-Eš₁₈-tar₂, 1); DoCu 284:1 (AS 5 vi 16, mu-DU en^dInana, 1); OIP 121 224:2 (AS 5 vi 17, mu-DU I₃-lal₃-lum, 1); OIP 121 229:2 (AS 5 vi 22, mu-DU I₃-lal₃-lum, 1); SA 19:1 (AS 5 vii 10, mu-DU Ur-ni₉-ḡar, 1); CST 325:2 (AS 5 vii 16, mu-DU en^dInana, 1); PDT 1 131:2 (AS 5 vii 17, mu-DU ^dŠul-gi-iri-ḡu₁₀, 1); OIP 121 243:10 (AS 5 vii 24, mu-DU Ur-mes ensi₂ / mu-DU Šu-ru-uš-ki-in, 1/1); OIP 121 256:7 (AS 5 viii

There is no disbursement of animals for the E'uzga issued by Aba-saga in the following months: AS 2 iii-iv, vi, x; AS 3 ii-iv, vi, viii, x; AS 4 viii; AS 5 ii-iii; AS 6 iv-viii; AS 7 i, iv, vii; AS 8 ii-iv, viii; and AS 9 iii-iv.

2.2.1.5 For the “kitchen”

2.2.1.5.1 Between AS 1 viii 8 and AS 3 vii 29, Aba-saga expended (ba-zi) animals designated as the šu-gid-contingent for the “kitchen”⁴²¹.

15, ša₃ mu-DU-ra-ta, 1); Orient 16 46 28:9 (AS 5 viii 16, ša₃ mu-DU-ra-ta, 1); PDT 1 125:1 (AS 5 viii 19, mu-DU Šu-Iš-gar₃, 1); MVN 1 142:17 (AS 5 viii 24, ša₃ mu-DU Me-ša-nu-nu LU₂SU, 1); MVN 11 154:8 (AS 5 ix 1, ša₃ mu-DU-ra-ta, 1); CDLJ 2012/1 4.36:5 (AS 5 ix 9, ša₃ mu-DU-ra-ta, 1); UCP 9-2-2 17:2 (AS 5 ix 12, mu-DU ME-^dIštaran, 1); OIP 121 278:2 (AS 5 ix 17, mu-DU Še-lu-uš-^dDa-gan, 1); MVN 13 542:2 (AS 5 ix 25, mu-DU Lugal-ma₂-gur₃-re, 1); TCND 246:2 (AS 5 ix 27, mu-DU Šu-^dEN.ZU, 2); MVN 13 812:11 (AS 5 ix 29, mu-DU I₃-lal₃-lum / mu-DU Šu-^dEN.ZU, 1/1); OIP 121 293:6 (AS 5 x 6, mu-DU Šu-^dEN.ZU / mu-DU Šeš-kal-la, 2/1); OIP 121 294:2 (AS 5 x 19, mu-DU Šu-^dEN.ZU, 1); OIP 121 297:2 (AS 5 x 24, mu-DU Šu-^dEN.ZU, 2); OIP 121 300:1 (AS 5 x 30, mu-DU Arad₂-ġu₁₀, 1); OIP 121 304:2 (AS 5 xi 1, mu-DU Še-lu-uš-^dDa-gan, 1); SACT 1 157:1 (AS 5 xi 2, mu-DU Arad₂-ġu₁₀, 1); Erm 14740:7 (AS 5 xi 25, ša₃ mu-DU-ra-ta, 1); Erm 14760:2 (AS 5 xii 9, mu-DU Wa-ta₂-ru-um saġġa, 1); HS 2255:2 (AS 5 xii 10, mu-DU Du-uk-ra, 1); PDT 1 60:2 (AS 5 xii 15, mu-DU Šeš-kal-la aga₃-us₂, 1); OIP 121 318:4 (AS 5 xii 17, mu-DU Lu₂-^dNanna, 1); OIP 121 323:5 (AS 5 xii 22, ša₃ mu-DU-ra-ta, 2); TRU 314:2 (AS 6 i 15, mu-DU I₃-lal₃-lum, 1); BPOA 6 733:2 = Nisaba 8 26:i 1-3 (AS 6 ii 3, mu-DU U₂-ta₂-mi-šar-ra-am, 1); PDT 1 189:2 = Nisaba 8 26:i 12-14 (AS 6 ii 11, mu-DU Arad₂-ġu₁₀, 1); Nisaba 8 26:ii 7 (AS 6 ii 20, mu-DU ^dSul-gi-a-bi / mu-DU Ha-ab-ru-ša![TA], 1/2); Nisaba 8 26:ii 11 (AS 6 ii 21); TCL 2 5601:2 (AS 6 iii 14, mu-DU Arad₂-ġu₁₀, 1); PDT 2 860:2 (AS 6 ix 15, mu-DU I-din-^dDa-gan, 1); UDT 102:1 (AS 6 x 6, mu-DU ME-^dIštaran, 1); SET 63:92 (AS 6 x 10, ša₃ mu-DU-ra-ta, x); Akkadica 114-115 99 20:2 (AS 6 x 17, mu-DU Šu-^dEN.ZU, 2); Trouville 13:9 (AS 6 x 27, mu-DU Šu-^dEN.ZU / mu-DU Šu-Da-da, 2/2); Nisaba 8 36:i 13 (AS 6 xi 3, ša₃ mu-DU-ra-ta, 1); Nisaba 8 36:ii 4 (AS 6 xi 5); OrSP 47-49 30:13 (AS 6 xi 11, mu-DU Arad₂-ġu₁₀ / mu-DU Wa-ta₂-ru-um / mu-DU Bur-Ma-ma / mu-DU Ik-šū-dum, 1/1/1); Nisaba 8 36:iii 20' (AS 6 xi 15); Nisaba 8 36:rev i 9 (AS 6 xi 24, mu-DU Nir-i₃-da-ġal₂, 2); AUCT 1 11:1 (AS 6 xii 18, mu-DU Arad₂-ġu₁₀, 1); BIN 3 273:2 (AS 6 xii 23, ša₃ mu-DU-ra-ta); OrSP 47-49 31:2 (AS 7 ii 17, ša₃ mu-DU-ra-ta); Rochester 70:2 (AS 7 iii 4, mu-DU Wa-ta₂-ru-um saġġa, 1); MVN 13 578:2 (AS 7 iii 24, mu-DU Ur-e₂-an-na, 1); Nisaba 8 70:ii 31 (AS 7 v 14, mu-DU Še-lu-uš-^dDa-gan, 2); JCS 52 38 28:2 = Nisaba 8 70:iii 9-12 (AS 7 v 21, mu-DU Ka-tar nu-^šš₆kiri₆, 1); Nisaba 8 70:iv 22 (AS 7 v 29); DoCu 224:6 (AS 7 vi 14⁺, ša₃ mu-DU-ra-ta); JANES 9 22 5:2 = StLouis 143:2 (AS 7 viii 12); OrSP 47-49 32:7 (AS 7 viii 14, mu-DU Nir-i₃-da-ġal₂, 1); Nisaba 8 91:ii 11 (AS 7 ix 10, mu-DU Na-ra-am-E₂-a, 1); Nisaba 8 91:iii 7 (AS 7 ix 17, mu-DU Lugal-u₄-su₃ ra₂-gaba, 1); Nisaba 8 91:iii 27 (AS 7 ix 25); Nisaba 8 91:rev i 13 (AS 7 ix 26/27/28/29, mu-DU [PN], 1); Fs Astour 372:i 5 (AS 7 x); OrSP 47-49 33:4 (AS 7 x 24, ša₃ mu-DU-ra-ta); MVN 8 127:7 (AS 7 xi 8, ša₃ mu-DU-ra-ta); AUCT 1 75:1 (AS 7 xi 12, ša₃ mu-DU-ra-ta); SAT 2 1021:2 (AS 7 xi 13, mu-DU I₇-da-a, 1); CST 370:1 (AS 7 xi 19, mu-DU Ib-ni-^dEN.ZU sukkal, 1); MVN 8 128:2 (AS 7 xii 10⁺, ša₃ mu-DU-ra-ta); SAT 2 1042:2 (AS 7 xii 29, mu-DU I₃-lal₃-lum, 1); TRU 316:2 (AS 8 i 3, ša₃ mu-DU-ra-ta); PPAC 4 187:1 (AS 8 v 25, ša₃ mu-DU-ra-ta); BIN 3 172:1 (AS 8 vi 17, mu-DU en ^dInana, 1); PDT 1 192:4 (AS 8 vi 19, mu-DU [PN], 1); SAT 2 1089:1 (AS 8 vi 27, ša₃ mu-DU-ra-ta); OIP 121 353:4 (AS 8 vii 22, ša₃ mu-DU-ra-ta); AUCT 1 298:4 (AS 8 ix 1, ša₃ mu-DU-ra-ta); UDT 109:3 (AS 8 ix 12); AUCT 1 364:1 (AS 8 ix 18, ša₃ mu-DU-ra-ta); AUCT 1 169:2 (AS 8 ix 21, mu-DU Wa-ta₂-ru-um saġġa, 1); Nisaba 8 44:25 (AS 8 ix 24); UDT 95:3 (AS 8 ix 26); AUCT 1 311:2 (AS 8 x 8, mu-DU Ur-^dIštaran, 2); AUCT 2 155:2 (AS 8 xi 18, mu-DU Ur-^dIštaran, 2); PDT 1 354:2 (AS 8 xi 21, mu-DU Arad₂-ġu₁₀ sukkal-mah, 1); ASJ 9 319 14:7 (AS 8 xii 16, mu-DU ^dUtu-ul₄-gal, 1); JCS 35 207 5:2 (AS 8 xii 25, ša₃ mu-DU-ra-ta); UDT 126:5 (AS 8 xii 28, ša₃ mu-DU-ra-ta); AAICAB 1/1 Ashm.1910-754:3 (AS 9 i 14, ša₃ mu-DU-ra-ta); Trouville 4:4 (AS 9 i 16, ša₃ mu-DU-ra-ta); OrSP 47-49 35:2 (AS 9 ii 22, ša₃ mu-DU-ra-ta); AUCT 2 108:2 (AS 9 ii 25, ša₃ mu-DU-ra-ta); Trouville 42:1 (AS 9 v 26, ša₃ mu-DU-ra-ta).

⁴²¹ šu-gid₂ e₂ muhaldim-(še₃): TCL 2 5571:6 (AS 1 viii 8); MVN 8 122:15 (AS 1 viii 20); AUCT 1 280:4 (AS 1 viii 29); AUCT 1 829:5-6 (AS 1 ix 6); SAT 2 672:5 (AS 1 ix 9); OrSP 47-49 9:12 (AS 1 ix 10); Santag 7 133:15 (AS 1 ix 12); ICP 467:21 (AS 1 ix 17); BPOA 6 68:9 (AS 1 ix 24); MVN 11 217:14 (AS 1 x 18); ASJ 9 266 69:9 (AS 1 x 19); AUCT 1 110:24 (AS 1 xi 2); BPOA 7 2839:10 (AS 1 xi 13); MVN 15 38:8 (AS 1 xi 27); PDT 2 825:9 (AS 1 xii 1); AUCT 1 417:7 (AS 1 xii 17); Trouville 12:9 (AS 1 xii 23); SAT 2 693:18-19 (AS 2 i 1); ASJ 9 266 70:9-10 (AS 2 i 4); BPOA 7 2892:8 (AS 2 i 17); Princeton 1 84:5-6 (AS 2 ii 15); OLP 8 11 7:6 (AS 2 iii 9); DoCu 292:6 (AS 2 iii 11); BIN 3 49:4 (AS 2 iii 13); PDT 2 840:4-5 (AS 2 iii 15); PDT 2 846:5 (AS 2 iii 17); SAT 2 696:6 (AS 2 iii 18); OrSP 47-49 12:5 (AS 2 iv 2); Erm 14777:3 (AS 2 iv 7); StBibFran 4 p.43:3-4 (AS 2 iv 8); BIN 3 43:3 (AS 2 iv 14); MVN 8 117:9 (AS 2 iv 15); MVN 8 118:5 (AS 2 iv 16); PDT 2 820:5 (AS 2 iv 26); ASJ 9 267 71:4 (AS 2 iv 27); UDT 164:2 (AS 2 iv 28); AAICAB 1/1 Ashm.1910-756:12 (AS 2 v 8); BIN 3 40:10 (AS 2 v 9); MVN 20 192:6

2.2.1.5.2 Between AS 2 iv 1 and AS 2 ix 24, Aba-saga expended (ba-zi) animals designated as the šu-gid-contingent to the “kitchen” for soldiers⁴²².

2.2.1.5.3 Between AS 1 ix 26 and AS 2 vi 13, Aba-saga expended (ba-zi) animals designated as the šu-gid-contingent to the “kitchen” for soldiers. These animals were loaded to a boat, when the king (Amar-Suen) went to Ur⁴²³.

2.2.1.5.4 Between Day 1 and Day 4 of AS 2 i, Aba-saga expended (ba-zi) animals designated as the šu-gid-contingent to the “kitchen” from Puzriš-Dagan to Ur. These animals were loaded to a *zi-gum*-boat, and were accepted by Ur-niġar⁴²⁴.

2.2.1.5.5 Between AS 5 i 17 and AS 6 xi 13, Aba-saga expended (ba-zi) gazelle designated as the šu-gid-contingent and dead gazelles for the “kitchen”, most of which were designated as individual deliveries (mu-DU PN)⁴²⁵. However, between AS 1 viii 8 and AS 3 vii 29, the expenditures (ba-zi) of animals for the “kitchen” issued by Aba-saga do not include the entry mu-DU PN “delivery of PN” (or ša₃ mu-DU PN “within deliveries of PN”).

Furthermore, dating between AS 1 viii 8 and AS 3 vii 29, other types of animals (not gazelle) which Aba-saga disbursed for the “kitchen” are designated as the šu-gid-contingent. While between AS 5 i 17 and AS 6 xi 13, all of the animals disbursed by Aba-saga for the “kitchen” are gazelles, either dead or designated as the šu-gid-contingent. Note also that in AS 4, there is no record of the expenditures (ba-zi) of animals by Aba-saga for the “kitchen”. It is probable that from AS 3 ix 1, Intaea, who replaced Aba-saga, dealt with the expenditure of animals for the “kitchen” (see Chapter

(AS 2 v 11); AUCT 1 336:6 (AS 2 v 12); PDT 2 867:3-4 (AS 2 v 21); AuOr Suppl.11 97:11 (AS 2 v 23); CTMMA 1 14:3-4 (AS 2 v 26); MVN 13 695:45 (AS 2 v 27); Princeton 2 114:5 (AS 2 vi 1); CST 253:4 (AS 2 vi 3); MVN 8 119:2 (AS 2 vi 6); Princeton 1 90:9 (AS 2 vi 9); TRU 308:11 (AS 2 vi 11); BIN 3 56:6 (AS 2 vi 21); OIP 121 124:8 (AS 2 vi 24); BPOA 6 183:3 (AS 2 vi X); PDT 2 815:8 (AS 2 vii 5); AUCT 2 365:6 (AS 2 vii 30); AUCT 2 373:16 (AS 2 viii 5); BCT 1 77:13 (AS 2 viii 6); OrSP 47-49 17:11 (AS 2 viii 11); BPOA 6 74:6 (AS 2 viii 16); AUCT 2 360:10 (AS 2 viii 22); OrSP 47-49 18:8 (AS 2 viii 24); Erm 08091:19 (AS 2 viii 26); AUCT 2 285:5 (AS 2 viii 28); SAT 2 724:i 14 (AS 2 ix 2); SAT 2 724:i 24 (AS 2 ix 3); SAT 2 724:ii 4 (AS 2 ix 6); SAT 2 724:ii 13 (AS 2 ix 7); SAT 2 724:ii 38 (AS 2 ix 9); SAT 2 724:iii 28 (AS 2 ix 11); Erm 14545:8 = SAT 2 724:iv 3 (AS 2 ix 12); OrSP 47-49 20:5 = SAT 2 724:iv 10 (AS 2 ix 13); CDLJ 2012/1 4.33:5 = SAT 2 724:iv 19 (AS 2 ix 14); SAT 2 724:iv 28 (AS 2 ix 15); Erm 14763:15 = SAT 2 724:v 7 (AS 2 ix 16); SAT 2 724:v 25 (AS 2 ix 17); SAT 2 724:vi 1 (AS 2 ix 18); SAT 2 724:vi 7 (AS 2 ix 19); AAICAB 1/1 Ashm.1910-758:14 = SAT 2 724:rev i 19' (AS 2 ix 23); UDT 93:6 = SAT 2 724:rev ii 4' (AS 2 ix 25); SAT 2 724:rev ii 32' (AS 2 ix 26); SAT 2 724:rev iii 20 (AS 2 ix 27); SAT 2 724:rev iii 28 (AS 2 ix 30); Trouville 9:9 (AS 2 x 7); Erm 14803:8 (AS 2 x 13); Nik 2 513:5 (AS 2 x 20); OMRO 68 20 12:1' (AS 2 xi 3); AUCT 2 216:6 (AS 2 xi 15); OIP 121 130:7 (AS 2 xi 18); MVN 13 534:3-4 (AS 2 xi 25); Trouville 5:7 (AS 2 xii 2); AUCT 1 190:7 (AS 2 xii 4); ASJ 9 267 72:4 (AS 2 xii 5); OIP 121 133:5 (AS 2 xii 26); AUCT 2 245:7 (AS 3 i 2); AUCT 1 327:20 (AS 3 i 5'); Trouville 15:7 (AS 3 i 27); PDT 2 891:3 (AS 3 v 4); AUCT 1 86:2 (AS 3 v 26); Trouville 6:13 (AS 3 v 28); AUCT 1 415:8 (AS 3 vii 27); TRU 310:2-3 (AS 3 vii 29); ASJ 9 268 75:6 (AS X x 21); PDT 2 811:14 (AS X xii 16).

⁴²² šu-gid₂ e₂ muhaldim-(še₃) mu aga₃-us₂-e-ne-še₃: CST 252:6-7 (AS 2 iv 1); AUCT 1 418:11-12 (AS 2 viii 25); OrSP 47-49 19:8-9 (AS 2 viii 27); SAT 2 724:iii 7-8 (AS 2 ix 10); SAT 2 724:vi 32-33 (AS 2 ix 20); OrSP 47-49 21:9-10 = SAT 2 724:rev i 34' (AS 2 ix 24).

⁴²³ šu-gid₂ e₂ muhaldim / mu aga₃-us₂-e-ne-še₃ / lugal Uri₅^{ki}-še₃ du-ni ma₂-a ba-a-ġar: Nisaba 8 385:21'-23' (AS 1 ix 26); OrSP 47-49 14:8-11 (AS 2 vi 13).

⁴²⁴ šu-gid₂ e₂ muhaldim-še₃ e₂ PU₃.ŠA-iš^d-Da-gan^{ki}-ta Uri₅^{ki}-še₃ ma₂ zi-gum-ma-ke₄ ib₂-gub Ur-ni₉-ġar šu ba-ti: SAT 2 723:14-18 (AS 2 i 1-4). For the term zi-gum/gum₂, see Heimpel 1994b: 5-6.

⁴²⁵ šu-gid₂, ba-uš₂/ug₇, e₂ muhaldim-še₃: AUCT 1 128:2 (AS 5 i 17, mu-DU Ša₃-ga-na-kum, 7); Erm 14758:1,2,3 (AS 5 ii 21, ša₃ mu-DU Ša₃-ga-na-kum, 5); Erm 14611:4,5,6 (AS 5 ii 23, 5); MVN 13 542:6 (AS 5 ix 25, ša₃ mu-DU-ra-ta, 2); Nisaba 8 36:iii 13'-14' (AS 6 xi 13, 6).

2.3); while Aba-saga occasionally expended (ba-zi) gazelle for the “kitchen” at that time.

2.2.1.6 For the storehouse

2.2.1.6.1 Between AS 1 ix 26 and AS 7 ix 10, Aba-saga expended (ba-zi) dead animals for the storehouse (e₂ kišib-ba)⁴²⁶. There is no transaction in AS 3 and only one transaction in AS 5. The expenditures of animals by Nasa for the storehouse do not include the phrase mu-DU PN; while those expenditures by Aba-saga occasionally do.

2.2.1.6.2 Between AS 8 and AS 9 i 16 (around the death of Amar-Suen in AS 9 ii 9⁴²⁷), Aba-saga expended (ba-zi) dead animals for the storehouse. They were accepted by Šulgi-iriĝu⁴²⁸.

2.2.1.7 For the “village” (e₂-duru₅)

2.2.1.7.1 Between AS 3 and AS 7, Aba-saga expended (ba-zi) animals to the “village” at the temple of Enlil⁴²⁹.

2.2.1.7.2 Between AS 7 and AS 8, Aba-saga expended (ba-zi) animals to the “village” at the temple of Nintinugga⁴³⁰.

2.2.1.7.3 In AS 9, Aba-saga expended (ba-zi) animals to the “village”⁴³¹.

2.2.1.8 For feeding dogs

2.2.1.8.1 Between AS 1 x and AS 2 ix, Aba-saga expended (ba-zi) dead animals which Iulum-bani the herder of dogs received for feeding dogs⁴³².

2.2.1.8.2 In AS 1 xii 1, Aba-saga expended (ba-zi) animals for feeding dogs⁴³³.

2.2.1.8.3 Between AS 2 iv 16 and AS 2 ix 26, Aba-saga expended (ba-zi) animals designated

⁴²⁶ ba-ug₇/uš₂ e₂-kišib-ba-še₃: Nisaba 8 385:29' (AS 1 ix 26); BPOA 7 2892:9-10 (AS 2 i 17); AAICAB 1/1 Ashm.1910-761:13-14 (AS 2 i 22); UDT 158:2 (AS 2 i 23); CHEU 20:9-10 (AS 2 i 24, mu-DU A-hu-ni dumu lugal, 1); PDT 1 601:5-6 (AS 2 iii 1); PDT 2 872:1-2 (AS 2 iii 3); PDT 1 187:3-4 (AS 2 iii 7); Orient 16 45 23:2 (AS 2 x 14); SumRecDreh 1:4-5 = PDT 2 1293:3-4 (AS 4 ii 2, mu-DU A-da-tum, 2); OIP 121 153:5 = PDT 2 1293:10 (AS 4 ii 3, mu-DU ^dŠul-gi-na-da, 2); MVN 8 129:24 (AS 4 iv 5, ša₃ mu-DU niĝ₂-gur₁₁ Da-bi aga₃-us₂, 2); OIP 121 164:13 (AS 4 ix 8, ša₃ mu-DU I₃-lal₃-lum, 17); TRU 311:12-13 (AS 4 xii 20, mu-DU Arad₂-ĝu₁₀, 1); HS 2271:5 (AS 5 vi 9, ša₃ mu-DU AB₂-ru-um-ma dab₅-ba); PDT 1 42:2 (AS 5 xii 12, mu-DU Da-da-a, 1); Nisaba 8 26:ii 13-14 (AS 6 ii 21); MVN 8 125:5 = Nisaba 8 26:ii 26 (AS 6 ii 25, ša₃ mu-DU-ra-ta); BIN 3 273:7-8 (AS 6 xii 23, ša₃ mu-DU-ra-ta); OrSP 47-49 31:5 (AS 7 ii 17, ša₃ mu-DU-ra-ta); Nisaba 8 91:ii 14 (AS 7 ix 10, mu-DU Hu-ba-nu-du-uk, 1).

⁴²⁷ On the death of Amar-Suen, see Sallaberger 1999: 167.

⁴²⁸ ba-ug₇/uš₂ e₂-kišib-ba-še₃ ^dŠul-gi-iri-ĝu₁₀ šu ba-(an)-ti: TCL 2 5579:4 (AS 8 i 9); BPOA 7 2862:6 (AS 8 vi 10, ša₃ mu-DU-ra-ta); Trouvaille 4:9 (AS 9 i 16, ša₃ mu-DU-ra-ta).

⁴²⁹ e₂-duru₅ du-du ša₃ e₂ ^dEn-lil₂-la₂: PDT 2 862:5 (AS 3 vii 28, mu-DU A-da-tum / mu-DU dam ^dNanše-ul₄-gal, 6/1); BIN 3 531:2 (AS 4 iii 9⁺, mu-DU Arad₂-ĝu₁₀, 1); AAICAB 1/3 pl.197 Bod A 74:6 (AS 4 v 2, mu-DU A-bu-bu i₃-du₈, 1); Princeton 2 357:2-3 (AS 5 i 29, mu-DU Nu-hi-DIĜIR ra₂-gaba, 1); OIP 121 337:11 = Nisaba 8 70:ii 18 (AS 7 v 11, ša₃ mu-DU-ra-ta). For the term e₂-duru₅, most recently see Lecompte 2013.

⁴³⁰ ba-ug₇/uš₂ e₂-kišib-ba-še₃ ša₃ e₂ ^dNin-tin-ug₅-ga: Nisaba 8 70:iii 24 (AS 7 v 23, mu-DU ME-Eš₁₈-tar₂, 1); BPOA 7 2898:2-3 (AS 8 vi 2).

⁴³¹ ša₃ e₂-duru₅-še₃: BIN 3 201:6 (AS 9 iv 3, ša₃ mu-DU-ra-ta).

⁴³² ba-ug₇ mu ur-(gir₁₅)-ra-še₃ DIĜIR-ba-ni sipa ur-(ra-ke₄) šu ba-ti: MVN 8 132:5-8 (AS 1 x); SAT 2 724:rev iii 41-44 (AS 2 ix).

⁴³³ ur-gir₁₅-re ba-ab-gu₇: PDT 2 825:2 (AS 1 xii 1).

as the šu-gid-contingent for feeding dogs. These animals were received (i₃-dab₅) by Dukra⁴³⁴, Ilallum⁴³⁵ and four herders of dogs: Abisadu⁴³⁶, Lugal-urrani⁴³⁷, Ur-Šulgi⁴³⁸ and Zinzilah⁴³⁹.

2.2.1.8.4 In AS 2 viii 5, Aba-saga expended (ba-zi) animals for the rite of dogs⁴⁴⁰.

2.2.1.8.5 In AS 7 vi 28, Aba-saga expended (ba-zi) animals designated as šu-gid-contingent for feeding dogs⁴⁴¹.

2.2.1.8.6 In AS 8 ix 19, Aba-saga expended (ba-zi) animals for feeding dogs, which took place in the presence of the king⁴⁴².

2.2.1.8.7 In AS 9 i 14, Aba-saga expended (ba-zi) one goat for feeding lions, which took place in the presence of the king⁴⁴³.

2.2.1.9 For other purposes

2.2.1.9.1 Aba-saga expended (ba-zi) animals which were transferred (i₃-dab₅) to five officials of the subordinate bureaus of the Puzriš-Dagan organization: Beli-azu⁴⁴⁴, Duga⁴⁴⁵, Enlila⁴⁴⁶, Šu-Erra⁴⁴⁷ and Ur-šugalama⁴⁴⁸, and to the following 15 individuals: Abba⁴⁴⁹, Ahuma (governor of Pus)⁴⁵⁰, Bundu⁴⁵¹, Erpadan (the herdsman)⁴⁵², Habaluge (governor of Adab)⁴⁵³, Lu-Nanna (the chief administrator of Nanna's temple)⁴⁵⁴, Nabasa⁴⁵⁵, Šarrum-ili⁴⁵⁶, Šu-Eštar (the jester and the chief temple administrator)⁴⁵⁷, Šu-Mama (the chief temple administrator)⁴⁵⁸, Ur-Bau⁴⁵⁹, Ur-mes⁴⁶⁰, Ur-

⁴³⁴ mu ur-gir₁₅-ra-še₃, Du-uk-ra i₃-dab₅: SAT 2 724:rev ii 33'-34' (AS 2 ix 26).

⁴³⁵ šu-gid₂ ur-e-gu₇-de₃ I₃-lal₃-lum i₃-dab₅: MVN 8 118:8-9 (AS 2 iv 16).

⁴³⁶ šu-gid₂ A-bi₂-sa-du₂ sipa ur-gir₁₅-ra i₃-dab₅ <ur-gir₁₅-re ba-ab-gu₇>: Erm 08091:8,13 (AS 2 viii 26).

⁴³⁷ šu-gid₂ Lugal-ur₂-ra-ni sipa ur-gir₁₅-ra i₃-dab₅ <ur-gir₁₅-re ba-ab-gu₇>: Erm 08091:5,13 (AS 2 viii 26).

⁴³⁸ šu-gid₂ Ur-Šul-gi sipa ur-gir₁₅-ra i₃-dab₅ <ur-gir₁₅-re ba-ab-gu₇>: Erm 08091:2,13 (AS 2 viii 26).

⁴³⁹ šu-gid₂ Zi-in-zi-la-ah₄ sipa ur-gir₁₅-ra i₃-dab₅ <ur-gir₁₅-re ba-ab-gu₇>: Erm 08091:11,13 (AS 2 viii 26). Note that two more texts, PDT 2 1105 and SAT 2 742, mentions the variant of the name Zi-im-zi-la-ah sipa ur-gi₇-ra as the ġiri₃-function.

⁴⁴⁰ siskur₂ ur-gir₁₅-ra: AUCT 2 373:5 (AS 2 viii 5).

⁴⁴¹ šu-gid₂ ur-gir₁₅-re ba-ab-gu₇: PDT 2 869:1-2 (AS 7 vi 28).

⁴⁴² igi lugal-še₃ ur-gir₁₅-re ib₂-dab₅: UDT 123:8-9 (AS 8 ix 19).

⁴⁴³ ur-mah-e igi lugal-še₃ ib₂-dab₅: AAICAB 1/1 Ashm.1910-754:7 (AS 9 i 14).

⁴⁴⁴ Be-li₂-a-zu: AUCT 1 915:3-5 (AS 3 i 5).

⁴⁴⁵ Du₁₁-ga: PDT 1 366:3 (AS 8 v 28); AUCT 1 91:3 (AS 8 viii, bala [x x]^{ki}); AUCT 1 905:3 (AS 8 ix 2).

⁴⁴⁶ En-lil₂-la₂: Trouville 43:4 (AS 8 xi 27).

⁴⁴⁷ Šu-Er₃-ra: OrSP 47-49 22:3-4 (AS 2 xii).

⁴⁴⁸ Ur-šu-ga-lam-ma: BPOA 7 2689:2 (AS 5 i-xii).

⁴⁴⁹ Ab-ba: SAT 2 685:20 (AS 1 xiid).

⁴⁵⁰ A-hu-ma ensi₂ Pu-us₂^{ki}: MVN 3 230:5 (AS 6 vi).

⁴⁵¹ Bu₃-un-du: SAT 2 685:24 (AS 1 xiid).

⁴⁵² Er₃-pa₂-dan na-gada: SAT 2 685:3 (AS 1 xiid).

⁴⁵³ Ha-ba-lu₅-ge₂ ensi₂ Adab^{ki}: MVN 3 230:7-8 (AS 6 vi).

⁴⁵⁴ Lu₂-^dNanna šabra (^dNanna): MVN 3 225:7 (AS 2 i 9); Akkadica 25 8 2:6-7 (AS 4 i).

⁴⁵⁵ Na-ba-sa₆: SAT 2 685:15 (AS 1 xiid).

⁴⁵⁶ Šar-ru-um-i₃-li₂: BIN 3 29:2-3 (AS 1 x 24). Note that one homonymous name was identified as the governor of Uruk and son of Šulgi, see Paoletti 2012: 320 and Michalowski 2013: 299. Other references to this name from Drehem texts are Mes 12 94 C (ensi₂ Unug^{ki}), MVN 4 116:5 (di-ku₅), and TRU 313:3 (nu-banda₃).

⁴⁵⁷ Šu-Eš₁₈-tar₂ u₄-da-tuš <šabra>: MVN 3 225:1 (AS 2 i 8).

⁴⁵⁸ Šu-Ma-ma <šabra>: OrSP 47-49 11:4 (AS 2 iii 15).

⁴⁵⁹ Ur-^dBa-u₂: SAT 2 685:7 (AS 1 xiid).

⁴⁶⁰ Ur-mes <šabra>: OrSP 47-49 11:7 (AS 2 iii 20).

Ninkura (governor of Šuruppag)⁴⁶¹, Utu-mansum⁴⁶², and the animal fatteners⁴⁶³.

2.2.1.9.2 Aba-saga expended (ba-zi) animals as the bala-funds of three provincial governors: Habaluge of Adab⁴⁶⁴, Ur-Lamma of Girsu⁴⁶⁵ and an unnamed governor of Šuruppag⁴⁶⁶.

2.2.1.9.3 Aba-saga expended (ba-zi) 16 dead oxen and 385 dead sheep/goats, the corpse and skin of which were received (šu ba-ti) by Nur-Suen in AS 2 and AS 3⁴⁶⁷.

2.2.1.9.4 In AS 2 ix, Aba-saga expended (ba-zi) five oxen at Tummal, and six oxen, 30 sheep and 12 goats at Puzriš-Dagan, all of which were dead and were received (šu ba-ti) by Ur-niġar⁴⁶⁸.

2.2.1.10 The ġiri₃ or/and maškim officials

A large number of ġiri₃ or/and maškim officials were responsible for the disbursements (ba-zi) of animals by Aba-saga. Based on the different destinations, for which animals were disbursed, the ġiri₃ or/and maškim officials are listed as follows (see Table 2.4):

Table 2.4 Distribution of ġiri₃ or/and maškim officials responsible for the disbursals of animals by Aba-saga

ġiri ₃ /maškim	Cultic	Royal	Individuals	E'uzga	Kitchen	Storehouse	Village	Dogs	Others
A-a-kal-la (muhaldim)	x			x					
Ab-ba-mu sukkal			y						
A-bi/bi ₂ -a-bi-ih			xy						
A-bi ₂ -si ₂ -im-ti	y								
A-bu-ni						y			
A-hu-ni (sukkal)	x		x						
A-hu-wa-qar sukkal			y						
A-na-ti sukkal			x						
A-tu sagi	x						x		
Ar-bi ₂ -gi ₄ -a aga ₃ -us ₂			x						
Arad ₂ -ġu ₁₀	x	x	x	x	x		x	x	
Arad ₂ - ^d Nanna muhaldim				x					
Ba-ba muhaldim	x								
Ba-za-za sukkal			y						
Be-li ₂ -i ₃ -li ₂ (ra ₂ -gaba)		x	x						

⁴⁶¹ Ur-^dNin-kur-ra ensi₂ Šuruppag^{ki}: Trouville 28:12 (AS 8 viii,ix).

⁴⁶² ^dUtu-ma-an-sum: SAT 2 685:10 (AS 1 xii d).

⁴⁶³ kurušda: SAT 2 981:1 (AS 6 ix); BRM 3 73:1 (AS 7 iv).

⁴⁶⁴ bala-a zi-ga kišib Ha-ba-lu₅-ge₂ ensi₂ Adab^{ki}: YOS 4 64:6-7 (AS 2 iii).

⁴⁶⁵ bala Ur-^dLamma ensi₂ Ġir₂-su^{ki}: Princeton 2 117:6 (AS 2 v).

⁴⁶⁶ bala-a ensi₂ Šuruppag^{ki} ba-zi: MVN 13 532:8 (AS 2 vii). This unnamed governor of Šuruppag is probably either Ahua (see the text UCP 9-2-1 13, AS 1 viii) or Ur-Ninkura (see the text CST 281, AS 3 ix 29).

⁴⁶⁷ ba-ug₇ ad₆ kuš-bi Nu-ur₂-^dEN.ZU šu ba-ti: Nisaba 8 67:6-9 (AS 2,AS 3). For the term ad₆ "carcass", see Veldhuis 2008.

⁴⁶⁸ ba-ug₇ Ur-ni₉-ġar šu ba-ti: SAT 2 724:rev iii 32-33, iv 6-7 (AS 2 ix).

ĝiri ₃ /maškim	Cultic	Royal	Individuals	E'uzga	Kitchen	Storehouse	Village	Dogs	Others
Bu-ra-am ra ₂ -gaba		x	x						
Da-a-a-ti dub-sar			x						
Da-da gala	x								
DIĜIR-dan (sukkal)	x	x	x	x					
^d En-lil ₂ -zi-ša ₃ -ĝal ₂	x	x	x				x		
En- ^d Nanše-ki-aĝ ₂ (sagi)	x								
Engar-du ₁₀	x								
Er ₃ -ra-na-da	x								
Er ₃ -ra-na-dan sagi	x								
Ĝiri ₃ -ni ra ₂ -gaba			x						
Ha-ba-ba-tum muhaldim				x					
Ha-ba-tum-li-ip-du		x							
I ₃ -lal ₃ -lum	x	x	x					x	
I-sa ₃ -ri ₂ -ik	x								
I-šar-pa ₂ -dan sagi			y						
Ir-mu ₁₁ sagi	x								
Kas ₃ -pu-ša sagi	y								
Ku ₃ - ^d Nanna sukkal/kuš ₇			y						
La-la sipa ur-gir ₁₅ -ra								y	
La-ma-ha-ar sagi	y								
La-qi ₃ -ip sukkal			y						
La-tu-ra-ma ra ₂ -gaba			x						
Li-i ₃ -ši-in		x	x						
Lu ₂ -bala-sa ₆ -ga kuš ₇									y
Lu ₂ - ^d En-ki sukkal			y						
Lu ₂ - ^d Inana sukkal			x						
Lugal-AN.DUL ₃			x						
Lugal-iti-da sukkal			y						
Lugal-KA-gi-na (sukkal)			xy						
Lugal-ku ₃ -zu		x	x						
Lugal-ma ₂ -gur ₃ -re (sukkal)	x		x		x				
Lugal-nam-tar-re sukkal		y	y						
Maš-tur sagi	x			x					
Na-ra-am- ^d IŠKUR sukkal			y						
Nam-ha-ni sukkal		x	xy						

ġiri ₃ /maškim	Cultic	Royal	Individuals	E'uzga	Kitchen	Storehouse	Village	Dogs	Others
Nam-ti-eš ₃ -ta ⁴⁶⁹			x						
^d Nanna-igi-du sagi			x						
^d Nanna-kam sukkal		x							
^d Nanna-ušum-gal	x								
^d Nanše-ul ₄ -gal	x		x				x		
Ne-ni-la sukkal			y						
Nin-ha-ma-ti ra ₂ -gaba		x							
^d Nin-lil ₂ -ama-mu sukkal/ ra ₂ -gaba		x							
Nu-ur ₂ - ^d IŠKUR (ra ₂ -gaba)/ (sukkal)		x	x						
Pa ₂ -pa ₂ -an-še-en ₆ /en (sagi)	y	x	x						
PU ₃ .ŠA-Er ₃ -ra šu-i			x						
Ri-iš-DIĜIR (ra ₂ -gaba)	x	x	x						
Ri-ni-si-in	x								
SIPA-si-in (sagi)	x								
Ša ₃ -ta-ku ₃ -zu (ra ₂ -gaba)	x		x						
Šar-ru-um-ba-ni			x						
Šar-ru-um-i ₃ -li ₂ aga ₃ -us ₂			x						
Šar-ru-um-i ₃ -li ₂ sagi	x								
Šeš-šeš									y
Šu-i ₃ -li ₂ sipa ur-ra								y	
Šu-Ma-ma zabar-dab ₅ ⁴⁷⁰			x						
Šu- ^d Nin-šubur ra ₂ -gaba		x							
Šu- ^d Šul-gi ra ₂ -gaba			x						
^d Šul-gi-ha-si ₂ -is			y						
^d Šul-gi-i ₃ -li ₂ sagi			x						
^d Šul-gi-iri-ġu ₁₀	x	x			x				
^d Šul-gi-ma-ti			x						
Tah-ša-tal (ra ₂ -gaba) / Ta ₂ -hi-iš-a-tal	x	x	x						
Tu-ra-am- ^d Da-gan	x	x	x				x		
U ₂ -la-(i ₃)-li ₂ -iš (ra ₂ -gaba)		y	x						
U ₂ -ta ₂ -mi-šar-ra-am (ra ₂ -gaba)		x	x						
Ur-dAmar- ^d EN.ZU (sukkal)			x						

⁴⁶⁹ Namtiešta was the son of Lugal-magure, see ITT 3 6613, TĒL 138.

⁴⁷⁰ Erm 07774.

ĝiri ₃ /maškim	Cultic	Royal	Individuals	E'uzga	Kitchen	Storehouse	Village	Dogs	Others
Ur- ^d Ba-u ₂ (muhaldim)	x		x	x					
Ur- ^d Dumu-zi-da sukkal			y						
Ur-me-lam ₂ -an-na sukkal		y	y						
Ur-me-me sukkal			y						
Ur-ni ₉ -ĝar sukkal			y						
Ur- ^d Nin-gublaga nar									y
Ur-sa ₆ -ga sukkal					xy				
Ur-šar-ru-gen ₇ (sukkal)			xy						
Ur- ^d Šul-pa-e ₃ lu ₂ -šu-du ₈			x						
Ur- ^d Šul-pa-e ₃ (muhaldim)	x			x					
^d Utu-du ₁₀ (ra ₂ -gaba)	x								
^d Utu-kam			y						
Wa-ta ₂ -ru-um (saĝĝa)	x		x						
Zu-u ₂ -zu sukkal			y						
zabar-dab ₅	x								

From the above chart, the following conclusions can be safely drawn.

First, the majority of all ĝiri₃/maškim officials responsible for the expenditures (ba-zi) of animals issued by Aba-saga were those who issued animals for cultic purposes, for members of the royal household and for different individuals.

Furthermore, most of the expenditures of animals issued by Aba-saga for the E'uzga were under the responsibility of two maškim officials, either A'a-kala or Ur-Bau, with few exceptions: five maškim officials, Aradĝu, Ilum-dan the courier (sukkal), Maštur the cupbearer (sagi), Arad-Nanna and Nanše-ulgal, were recorded only once each. However, in the year of AS 6, Hababatum, the maškim official, is frequently attested in the transaction, in which Aba-saga expended animals for the E'uzga. Note that no ĝiri₃-officials are attested in this transaction.

Thirdly, there were mainly two maškim officials, Aradĝu and Lugal-magure, who were responsible for the expenditure of animals for the “kitchen”, an exception being when the maškim officials Ur-saga sukkal and Šulgi-iriĝu each served this role a single time.

Last but not least, there were no maškim officials responsible for the expenditure of animals for the “storehouse”.

2.2.1.11 The individuals attested in the concluding ĝiri₃-formula

From the beginning of AS 8, the individuals in the concluding ĝiri₃-formula were attested in the expenditures (ba-zi) of animals issued by Aba-saga. They were Da'a'ati, Lu-sa, Nanna-

ma(n)ba, Nur-Suen, Ur-Bau, and Ur-saga, all with the title dub-sar “scribe”⁴⁷¹.

2.2.1.12 Formulary

The formulary of the texts recording the expenditure (ba-zi) of animals issued by Aba-saga consists of the following five sections, arranged in the general sequence.

Section I	Body section	S, D, (<i>addition</i>)
Section II	Day date formula	(u ₄ N-kam)
Section III	Expenditure phrase	ki B-ta ba-zi
Section IV	Concluding ġiri ₃ -formula	(ġiri ₃ PN)
Section V	Month/year date formula	iti ... / mu ...

Section I “Body section” is the main part of the disbursement texts (ba-zi), which is primarily composed of three elements, namely animals (S), the destination to which animals were disbursed (D) and/or additional clauses. Furthermore, except for Section I, the other four sections bear the invariable formulary. Section II “Day date formula” is not attested in the monthly records. Also, Section IV “Concluding ġiri₃-formula” is frequently attested in the texts dated from the year of AS 8. Consequently, I focus on Section I.

On the basis of Section I “Body section”, there are a considerable number of different types of text formulae attested in the texts recording the expenditures (ba-zi) of animals by Aba-saga for different destinations including cultic purposes (bazi A), members of the royal household (bazi B), different individuals (bazi C), the E’uzga (bazi D), the “kitchen” (bazi E), the “storehouse” (bazi F), the “village” (bazi G), feeding dogs (bazi H), and other purposes (bazi K). The component parts (clauses), which are utilized in formulae, are coded as follows:

- (1) S “subject, i.e. animals/animal”
- (2) D “destination, purposes”
- (3) (ša₃) mu-DU PN “(in) individual delivery”
 - (a) ša₃ mu-DU-ra-ta “from delivery”⁴⁷²
 - (b) mu-DU-e de₆-a “delivery brought”
 - (c) ša₃ mu-DU nam-ra-ak GN “in deliveries (from) the booty of GN”
 - (d) mu-DU niġ₂-dab₅ ^dAmar-^dEN.ZU e₂ ^dEn-lil₂-la₂-ta “delivery, the brought things from the temple of Enlil for Amar-Suen”
- (4) PN maškim “the maškim official”
 - (a) lugal ku₄-ra “royal presence”
 - (b) ku₆/gu₄-da ku₄-ra “wih fish/oxen brought in”
- (5) ġiri₃ PN “the ġiri₃ official”
- (6) ugula PN “overseen by PN” (dog, individual, kitchen)
 - (a) PN i₃-dab₅ “PN transferred/received” (dog, meat, other)
 - (b) PN šu ba-(an)-ti “PN received”

⁴⁷¹ For the concluding ġiri₃-formula, see Hilgert 2003: 24-25.

⁴⁷² For the relationship between the entry mu-DU PN and the entry ša₃ mu-DU-ra-ta, see Hilgert 2003: 20-21.

- (c) kišib PN “sealed by PN”
- (d) bala PN “the bala-fund of PN”
- (e) mu PN-še₃ “on behalf of PN”
- (f) (ša₃) niĝ₂-gur₁₁ PN “(within) property of PN”
- (7) ša₃ GN “at GN”
- (a) ša₃ e₂-gal / e₂ DN-(ka) / ^širi₆ / ma₂ lugal-ka / e₂-amaš DN / tur₃-gal “at the palace/temple of DN/orchard/royal boat/sheepfold/big animal stall”
- (b) GN-še₃ “to GN” / e₂ DN/PN-še₃ “to house/temple of DN/PN” / e₂-duru₅-ne-ne-še₃ “to villages”
- (8) eš₃-eš₃ (e₂)-u₄-sakar “festival of the New-Moon”
- (a) e₂-u₄-sakar “New-Moon-(festival)”
- (a) (siskur₂) ki ^dEN.ZU e₂-u₄-sakar “(rite) of the place of Suen for New-Moon-(festival)”
- (b) eš₃-eš₃ u₄ 7-kam “festival of the Seventh-Day”
- (b) e₂-u₄-7 “Seventh-Day-(festival)”
- (b) siskur₂ ki ^dEN.ZU e₂-u₄-7 “rite of the place of Suen for the Seventh-Day-(festival)”
- (c) eš₃-eš₃ e₂-u₄-15 “festival of Full-Moon”
- (c) e₂-u₄-15 “Full-Moon-(festival)”
- (c) niĝ₂-dab₅ e₂-u₄-15 “things brought for Full-Moon-(festival)”
- (c) mu-DU e₂-u₄-15 “delivery for Full-Moon-(festival)”
- (c) mu-DU e₂-u₄-15-ka-na ki-ba ba-na-a-ĝar/ĝa₂-ar “delivery replaced for the Full-Moon-festival”
- (c) ki ^dEN.ZU e₂-u₄-15 “place of Suen for Full-Moon-festival”
- (d) niĝ₂-dab₅ u₄-nu₂-a-(ka-ni) “things brought for (its) Dark-Moon-festival”
- (d) mu-DU u₄-nu₂-a-ka-na ki-ba ba-na-a-ĝar/ĝa₂-ar “delivery replaced for the Dark-Moon-festival”
- (e) udu-ĝi₆-kam “Schafe der Nacht(opfer) sind es”⁴⁷³
- (f) maš₂ lu-ub₂^{sa} ab-e₃ “Fest im 10. Monat”
- (g) e₂-ku₆ nu-gu₇ DN “Haus, das Fische nicht ißt: (für) Ninurta” (ein zweitägiges Fest [21.-22.])⁴⁷⁴
- (h) ša₃ a₂-ki-ti “among the *akiti*-festival”
- (h) ša₃ a₂-ki-ti šu-numun-na “among the *akiti*- and *šunumuna*-festivals”
- (h) ša₃ a₂-ki-ti še-KIN-ku₅ “among the *akiti*- and *šeKINku*-festivals”
- (i) ezem gu₄-si-su “*gusisu*-rite”
- (j) siskur₂ gu-la “Big rite”⁴⁷⁵
- (k) siskur₂ ma₂ An-na “*siskur*-rite of boat of An”
- (k) ezem ma₂ An-na “rite of boat of An”
- (l) ezem še-il₂-la Ĝir₂-su^{ki}-še₃ “*šeilla*-rite of Girsu”
- (m) niĝ₂-ezem-ma ab-e₃ ^dŠul-gi-ra (u₃ Ur-^dNamma) “things of *ab-e*-rite for Šulgi (and Ur-Namma)”
- (n) niĝ₂-ezem-ma du₆-ku₃-ga “things of rite for *duku*-place”
- (o) ezem ^dNin-a-zu “Ninazu-rite”
- (p) ezem munu₄-gu₇ ša₃ GN-še₃ “*munugu*-rite at GN”
- (q) ezem-^dBa-u₂ Ĝir₂-su^{ki}-še₃ “rite of Bau at Girsu”

⁴⁷³ See Sallaberger 1993: 51 “Sie sind an allen Mondfeiertagen bezeugt und umfassen je ein Rind und fünf Stück Kleinvieh für Enlil und Ninlil...”

⁴⁷⁴ See Such-Gutiérrez 2003: 60.

⁴⁷⁵ For the term siskur₂ gu-la, see Sallaberger 1993: 112-114.

- (r) siskur₂ ša₃ e₂-gal “*siskur*-rite at the palace”
- (r) ġišbun_x(KI.BI) ša₃ e₂-gal “banquet at the palace”
- (s) siskur₂ ša₃ a-ša₃ PN “*siskur*-rite at the field of PN”
- (t) siskur₂ ša₃ kaskal “*siskur*-rite in the street”
- (u) diġir ku-ku ku₄-ra “deity-entering festival”⁴⁷⁶
- (u) ezem diġir ku-ku e₂-a ku₄-ra “rite of deity-entering”
- (v) e₃-lu-num₂-še₃ “for elunum-festival”⁴⁷⁷
- (w) ġišbun_x(KI.BI) e₂ ^dEN.ZU “banquet of the temple of Suen”
- (x) ša₃ mu-DU kaš-de₂-a PN “in individual deliveries (for) the banquet”
- (x) bur-du₈-a ^dEn-lil₂-ra ^dAmar-^dEN.ZU-ke₄ kaš-de₂-a “Amar-Suen poured beer for *burdua* of Enlil”
- (9) u₄ GN-še₃ i₃-ġen-na “when (PN) went to GN”
- (a) u₄ GN-ta i₃-im-ġen-na-a “when (PN) came from GN”
- (b) GN-ta ġen-na “(when PN) came from GN”
- (c) GN du-ni “(PN) went to GN”
- (d) u₄ du₆-babbar₂-še₃ i₃-ġen-na-a “when (PN) went to white mound”
- (e) u₄ uru-ni-še₃ i₃-ġen-na-a “when (PN) went to his/her city”
- (f) u₄ ^dI₇-lu₂-ru-gu₂-še₃ i₃-im-ġen-na-a “when (PN) went to the ordeal river”
- (g) niġ₂-dab₅ DN GN-še₃ du-ni “product for DN, (when PN) went to GN”
- (h) u₄ GN-še₃ ba-ġen-na-a ma₂-a ba-a-gub “when (PN) went to GN, (they) were loaded to a boat”
- (i) GN-še₃ du-ni ma₂-(a) ba-na-a-gub “(PN) went to GN, (animals) were loaded to a boat”
- (j) u₄ uru-ni-še₃ ba-ġen-na ma₂-a ba-na-a-gub “when (PN) went to his/her city, (they) were loaded to a boat”
- (k) u₄ ^dI₇-lu₂-ru-gu₂-še₃ i₃-re-ša ma₂-a ba-na-a-gub “when (PN) went to the ordeal river, (they) were loaded to a boat”
- (l) kur mar-tu-še₃ ma₂-a ba-a-gub “(they) were loaded to a boat to Amorite mountain” (see 26)
- (m) ma₂ DN-ta ku₄-ra “enter from boat of DN”
- (n) gir₄-ta ba-še₆ lugal GN-še₃ du-ni ma₂-a ba-a-ġa₂-ar “cooked in the oven, when the king went to GN, they (=animals) were loaded on a boat”
- (o) u₄ nam-gala-še₃ i₃-in-ku₄-ra-(a) “when (PN) enter gala-ship”
- (p) u₄ PN ba-huġ-ġa₂ “when PN was installed”
- (q) u₄ lugal-e e₂-udu mu-niġin₂-na-a “when the king went around to the sheephouse”
- (r) u₄ lugal na-KAB-tum mu-niġin₂-na-a “when the king went around to naGaBtum”
- (s) u₄ tu-ra i₃-me-a “when (PN) was ill”
- (t) u₄ dumu in-tu-da-a “when (PN) bore a child”
- (u) u₄ mar-tu šeš-a-ne-ne kaš in-na-ni-de₂-eš₂-a “when (PN) took a banquet for his/her Amorite brothers”
- (v) u₄ PN ab-ba-ni-ir kaš in-na-ni-de₂-a “when PN poured beer for his/her father”
- (w) u₄ nam-erim₂ in-ku₅-ra₂-a “when (PN) took an oath”
- (x) (ša₃ mu-DU) AB₂-ru-um-ma/ta dab₅-ba “(in deliveries) from the storage facility sent”

Among the above-listed components, two components, both (1) “animals” and (2)

⁴⁷⁶ The meaning of ezem dinger ku-ku is "Eintreten-der-Göttin-Fest", which is a variant of ezem dinger ku₄-ku₄. For this interpretation, see Sallaberger 1993: 203-204.

⁴⁷⁷ For the term e₃-lu-num₂, see d'Agostino 1998.

“destination”, are indispensable in a formula. The rest components (3-9) are so-called additions, either none or one or more of which is/are attested in a formula. Among them, the component (8) is frequently attested in records documenting the disbursements of animals for cultic purposes or for members of the royal household; whereas the component (9) is generally attested in the texts dealing with the disbursements of animals for different individuals.

There are 118 types of formulae attested in the disbursements (ba-zi) of animals by Aba-saga for cultic purposes (bazi A1-A30), for members of the royal household (bazi B1-B17), for different individuals (bazi C1-C28), for the E’uzga (bazi D1-D7), for the “kitchen” (bazi E1-E9), for the storehouse (bazi F1-F5), for the village (bazi G1-G6), for feeding dogs (bazi H1-H6), and for other purposes (bazi K1-K10) (see Table 2.5).

Table 2.5 Formulae attested in the disbursements of animals by Aba-saga

Type	Component	Formula	Description	Example
bazi A1	1-2	<u>S, DN</u> ⁴⁷⁸	animals for two or more deities	AUCT 1 553:1-4
bazi A2	1-2-3	S, DN mu-DU PN	animals with one individual delivery for one deity	ASJ 7 124 21:1-3
bazi A3	1-2-3	<u>S, DN</u> mu-DU PN	animals with one individual delivery for two or more deities	AUCT 1 861:1-3
bazi A4	1-2-3	<u>S, DN, mu-DU PN</u>	animals with two or more individual deliveries for two or more deities	OrSP 47-49 25:1-4
bazi A5	1-2-3-4	S, DN mu-DU PN PN maškim	animals with one individual delivery and one maškim official for one deity	OIP 121 297:1-4
bazi A6	1-2-3-4	<u>S, DN</u> mu-DU PN PN maškim	animals with one individual delivery and one maškim official for two or more deities	AUCT 2 84:1-4
bazi A7	1-2-3-4	<u>S, DN, mu-DU PN</u> PN maškim	animals with two or more individual deliveries and one maškim official for two or more deities	JMEOS 12 43 3496:1-7
bazi A8	1-2-3-4	<u>S, DN</u> ša ₃ mu-DU-ra-ta PN maškim	animals from delivery with one maškim official for two or more deities	CST 316:1-4
bazi A9	1-2-4-3	<u>S, DN</u> PN maškim <mu-DU PN>	animals with one individual delivery and one maškim official for two or more deities	TRU 308:1-6, 9
bazi A10	1-2-4-3	S, DN	animals from delivery with one	OrSP 47-49 28:1-4

⁴⁷⁸ The underline used in the text formulae refers to the components underlined repeatedly for two or more times. For example, “S, DN” refers to “S, DN; S, DN; S, DN; ...”; moreover, “S, DN, mu-DU PN” refers to “S, DN, mu-DU PN; S, DN, mu-DU PN; S, DN, mu-DU PN ...”; *sic passim*.

Type	Component	Formula	Description	Example
		PN maškim ša ₃ mu-DU-ra-ta	maškim official for one deity	
bazi A11	1-2-4-3	<u>S, DN</u> PN maškim ša ₃ mu-DU-ra-ta	animals from delivery with one maškim official for two or more deities	NYPL 351:6-9
bazi A12	1-3-2-4	<u>S, mu-DU PN</u> DN PN maškim	animals with two or more individual deliveries and one maškim official for one deity	OIP 121 124:1-6
bazi A13	1-2-3-5-4	S, DN mu-DU PN ġiri ₃ PN PN maškim	animals with one individual delivery, one ġiri ₃ official and one maškim official for one deity	AUCT 1 55:1-4
bazi A14	1-2-8-4	<u>S, DN</u> ša ₃ mu-DU kaš-de ₂ -a PN PN maškim	animals from delivery to the banquet with one maškim official for two or more deities	BIN 3 37:1-8
bazi A15	1-2-4	S, DN lugal ku ₄ -ra	animals with royal presence for one deity	BCT 1 76:1-5
bazi A16	1-2-4	<u>S, DN</u> lugal ku ₄ -ra	animals with royal presence for two or more deities	UDT 123:1-5
bazi A17	1-2-4-3	S, DN lugal ku ₄ -ra ša ₃ mu-DU-ra-ta	animals with royal presence from delivery for one deity	TRU 316:4-7
bazi A18	1-2-4-3	S, DN lugal ku ₄ -ra mu-DU PN	animals with royal presence and one individual delivery for one deity	AUCT 1 741:1-3
bazi A19	1-2-3	S, ^(ġis) gu-za ^d Šul-gi-ra mu-DU PN	animals with one individual delivery for the throne of Šulgi	AUCT 2 245:4-5
bazi A20	1-2-3-4	S, ^(ġis) gu-za ^d Šul-gi-ra ša ₃ mu-DU PN PN maškim	animals among the deliveries with one maškim official for the throne of Šulgi	OrSP 47-49 9:5-8
bazi A21	1-2-4-3	S, ^(ġis) gu-za ^d Šul-gi PN maškim <ša ₃ mu-DU PN>	animals among the deliveries with one maškim official for the throne of Šulgi	ASJ 3 74:1-3, 7
bazi A22	1-2-3-4	S, abul ^d Nanna mu-DU PN PN maškim	animals with one individual delivery and one maškim official for the “gate” of the deity Nanna	AUCT 1 590:1-3
bazi A23	1-2-3-4	S, siskur ₂ -še ₃ mu-DU PN PN maškim	animals with one individual delivery and one maškim official for the siskur-offering	AUCT 1 598:1-3

Type	Component	Formula	Description	Example
bazi A24	1-2-3-4	S, bara ₂ An-na mu-DU PN <PN maškim>	animals with one individual delivery and one maškim official for the “dais” of the deity An	AUCT 1 783:1-6
bazi A25	1-2-3-4	S, a-ri-a DN ša ₃ mu-DU PN PN maškim	animals among the deliveries with one maškim official for the “steppe” of the deity	JCS 32 172 2:1-4
bazi A26	1-2-3-9	S, a-ri-a e ₂ DN-še ₃ mu-DU PN PN i ₃ -dab ₅	animals with one individual delivery and one receiver for the “steppe” of the deity	Akkadica 114-115 99 21:1-9
bazi A27	1-2-3-4	S, gu ₂ -NE-še ₃ ⁴⁷⁹ mu-DU niĝ ₂ -dab ₅ ^d Amar- ^d EN.ZU e ₂ ^d En- lil ₂ -la ₂ -ta PN maškim	animals delivery and things taken for Amar-Suen from the temple of Enlil, with one maškim official for the “oven” ^(?)	AUCT 1 336:1-4
bazi A28	1-2-3-4	S, za ₃ -gu ₂ -la-še ₃ mu-DU niĝ ₂ -dab ₅ ^d Amar- ^d EN.ZU e ₂ ^d En- lil ₂ -la ₂ -ta PN maškim	animals delivery and things taken for Amar-Suen from the temple of Enlil, with one maškim official for the “sanctuary”	AuOr 22 303:1-3 PDT 1 200:5-7
bazi A29	1-2-3-4	S, ša ₃ e ₂ -gal mu-DU niĝ ₂ -dab ₅ ^d Amar- ^d EN.ZU e ₂ ^d En- lil ₂ -la ₂ -ta PN maškim	animals delivery and things taken for Amar-Suen from the temple of Enlil, with one maškim official for the (rite) at palace	AUCT 1 170:1-5
bazi A30	1-2-8-3-4	S, a-da-min-še ₃ ša ₃ a ₂ -ki-ti šu-numun-na ša ₃ mu-DU PN PN maškim	animals for the “contest” at the <i>akiti</i> - and <i>šunumun</i> -festivals, among the individual deliveries with one maškim official	AUCT 1 794:1-5
bazi B1	1-2	S sa ₂ -du ₁₁ PNr	animals as regular offering for one royal member	MVN 8 132:4
bazi B2	1-2-3	S, PNr mu-DU PN	animals with one individual delivery for one royal member	TCND 243:1-3
bazi B3	1-2-3	S, PNr ša ₃ mu-DU-ra-ta	animals from delivery for one royal member	JAOS 33 174 7:5-14
bazi B4	1-2-3-4	S, PNr (ša ₃) mu-DU PN PN maškim	animals with one individual delivery and one maškim official for one royal member	AUCT 1 318:1-4
bazi B5	1-2-4-3	S, PNr	animals among the deliveries with	Nik 2 484:1-3, 8

⁴⁷⁹ See Sallaberger 1993: 117 and Such-Gutiérrez 2003: 81.

Type	Component	Formula	Description	Example
		PN maškim <ša ₃ mu-DU PN>	one maškim official for one royal member	
bazi B6	1-2-4-3	S, PNr PN maškim ša ₃ mu-DU-ra-ta	animals from delivery with one maškim official for one royal member	MVN 13 546:1-4
bazi B7	1-2-4-3	<u>S, PNr</u> PN maškim <ša ₃ mu-DU-ra-ta>	animals from delivery with one maškim official for two or more royal members	Erm 14740:1-6, 9
bazi B8	1-3-2-4	<u>S, mu-DU PN</u> PNr PN maškim	animals with two or more individual deliveries and one maškim official for a royal member	MVN 13 536:1-5
bazi B9	1-2-7-4	S, niĝ ₂ -mussa ^{sa2} PNr e ₂ PN-še ₃ <PN maškim>	animals as the “betrothal gift” of the royal member, to a place, with one maškim official	AUCT 1 418:1-3, 13
bazi B10	1-3-2-9-4	<u>S, mu-DU PN</u> PNr GN-še ₃ du-ni ma ₂ -a ba-na-a-gub PN maškim	animals with two or more individual deliveries and one maškim official for one royal member, when he/she (=royal member) went to a place, they (=animals) were brought to a boat	MVN 13 849:1-16
bazi B11	1-2-8	S, PNr niĝ ₂ -dab ₅ u ₄ -nu ₂ -a	animals as the things taken for the “Dark Moon” for one royal member	Ontario 1 75:1-9
bazi B12	1-2-8-3	S, PNr niĝ ₂ -dab ₅ u ₄ -nu ₂ -a-ka-ni ša ₃ mu-DU-ra-ta	animals as the things taken for the “Dark Moon” from delivery, for one royal member	UDT 129:1-7
bazi B13	1-2-8-5-4-3	S, PNr niĝ ₂ -dab ₅ u ₄ -nu ₂ -a-ka-ni ĝiri ₃ PN PN maškim ša ₃ mu-DU-ra-ta	animals as the things taken for the “Dark Moon”, with one ĝiri ₃ official and one maškim official, from delivery, for one royal member	PDT 1 579:3-15
bazi B14	1-8-2-4-3	S niĝ ₂ -dab ₅ u ₄ -nu ₂ -a-ka-ni PNr PN maškim <ša ₃ mu-DU-ra-ta>	animals as the things taken for the “Dark Moon”, with one maškim official, from delivery, for one royal member	DoCu 259:1-10, 16
bazi B15	1-2-8	S, PNr niĝ ₂ -dab ₅ e ₂ -u ₄ -15	animals as the things taken for the “Full Moon”, for one royal member	UDT 109:5-10

Type	Component	Formula	Description	Example
bazi B16	1-2-8-3	S, PN _r niĝ ₂ -dab ₅ e ₂ -u ₄ -15 ša ₃ mu-DU-ra-ta	animals as the things taken for the “Full Moon”, from delivery for one royal member	JAOS 33 173 6:1- 10
bazi B17	1-2-8-4-3	S, PN _r niĝ ₂ -dab ₅ e ₂ -u ₄ -15 PN maškim ša ₃ mu-DU-ra-ta	animals as the things taken for the “Full Moon”, with one maškim official from delivery, for one royal member	Erm 14591:1-7
bazi C1	1-2	<u>S, PN</u>	animals for two or more individuals	USC 6812 [un]:1-4
bazi C2	1-2-3	S, PN mu-DU PN	animals with one individual delivery for one individual	BIN 3 66:1-3
bazi C3	1-2-3-4	S PN (ša ₃) mu-DU PN PN maškim	animals with one individual delivery and one maškim official for one individual	AUCT 1 121:1-4
bazi C4	1-2-3-4	<u>S PN</u> (ša ₃) mu-DU PN PN maškim	animals with one individual delivery and one maškim official for two or more individuals	Erm 07774:6-9
bazi C5	1-2-3-4	<u>S, PN, mu-DU PN</u> PN maškim	animals with two or more individual deliveries and one maškim official for two or more individuals	PDT 2 812:1-7
bazi C6	1-2-3-4	S, PN ša ₃ mu-DU-ra-ta PN maškim	animals from delivery with one maškim official for one individual	BPOA 7 2733:1-5
bazi C7	1-2-4	S, PN PN maškim	animals with one maškim official for one individual	ArOr 25 559 13:1-3
bazi C8	1-2-4	<u>S, PN</u> PN maškim	animals with one maškim official for two or more individuals	Santag 7 180:1-6
bazi C9	1-2-4	<u>S, PN, PN maškim</u>	animals with two or more maškim officials for two or more individuals	AUCT 1 351:1-5
bazi C10	1-2-4-3	S, PN PN maškim (ša ₃) mu-DU PN	animals with one individual delivery and one maškim official for one individual	ASJ 3 74:4-7
bazi C11	1-2-4-3	S, PN PN maškim ša ₃ mu-DU-ra-ta	animals from delivery with one maškim official for one individual	Akkadica 114-115 100 23:1-5
bazi C12	1-2-4-3	<u>S, PN</u> PN maškim ša ₃ mu-DU-ra-ta	animals from delivery with one maškim official for two or more individuals	OIP 121 346:1-6

Type	Component	Formula	Description	Example
bazi C13	1-2-4-3	S, PN, PN maškim ša ₃ mu-DU-ra-ta	animals from delivery with two or more maškim officials for two or more individuals	AUCT 1 395:1-7
bazi C14	1-3-2-4	S, mu-DU PN PN PN maškim	animals with two or more individuals and one maškim official for one individual	Erm 14585:1-7
bazi C15	1-2-5	S, PN ĝiri ₃ PN	animals with one ĝiri ₃ official for one individual	SAT 2 739:6-7
bazi C16	1-2-3-5	S, PN mu-DU PN giri ₃ PN	animals with one individual delivery and one ĝiri ₃ official for one individual	AUCT 2 157:4-6
bazi C17	1-2-3-5-4	S, PN mu-DU PN giri ₃ PN PN maškim	animals with one individual delivery, one ĝiri ₃ official, and one maškim official for one individual	AUCT 1 54:1-7
bazi C18	1-2-5-4-3	S, PN ĝiri ₃ PN PN maškim, ša ₃ mu-DU-ra-ta	animals from delivery with one ĝiri ₃ official and one maškim official for one individual	AUCT 2 108:4-7
bazi C19	1-2-5-4	S, mu PN-še ₃ / PN ĝiri ₃ PN PN maškim	animals with one ĝiri ₃ official and one maškim official on behalf of one individual	MVN 8 126:1-6
bazi C20	1-2-6-4-3	S, PN ugula PN PN maškim ša ₃ mu-DU PN	animals among the deliveries with one overseer and one maškim official for one individual	Nik 2 484:4-8
bazi C21	1-2-6-4	S, PN niĝ ₂ -gur ₁₁ PN PN maškim	animals as the individual property with one maškim official for one individual	BIN 3 40:4-8
bazi C22	1-2-4	S niĝ ₂ -ba lugal PN PN maškim	animals as the “royal gift” with one maškim official for one individual	Erm 14793:1-8
bazi C23	1-2-3-4	S, PN ša ₃ mu-DU nam-ra-ak GN PN maškim	animals among the deliveries as the booty of a place with one maškim official for one individual	TCL 2 5545:1-5
bazi C24	1-3-2-4	S, ša ₃ mu-DU nam-ra-ak GN PN PN maškim	animals among the deliveries as the booty of a place with one maškim official for one individual	SAT 2 800:3-7

Type	Component	Formula	Description	Example
bazi C25	1-2-16-4	S, PN u ₄ nam-gala-še ₃ i ₃ -in-ku ₄ -ra-(a) PN maškim	animals with one maškim official for one individual, when he/she entered into the bala-ship	MVN 8 122:8-11
bazi C26	1-2-9-6-4	S, PN u ₄ nam-gala-še ₃ i ₃ -in-ku ₄ -ra-(a) ugula PN <PN maškim>	animals with one overseer and one maškim official for one individual, when he/she entered into the bala-ship	Princeton 1 90:6-7, 10
bazi C27	1-2-9-3-4	<u>S, PN</u> u ₄ nam-gala-še ₃ i ₃ -in-ku ₄ -ra-(a) ša ₃ mu-DU-ra-ta <PN maškim>	animals from delivery with one maškim official for two or more individuals, when they entered into the bala-ship	BCT 1 77:5-9, 14
bazi C28	1-2-9-4	S, PN u ₄ ^d I ₇ -lu ₂ -ru-gu ₂ -še ₃ i ₃ -re-ša ma ₂ -a ba-na-a-gub <PN maškim>	animals loaded on a boat for PN, when they (=PN) went to the ordeal river	CST 252:1-2, 8
bazi D1	1-2-3	S, e ₂ uz-ga mu-DU PN	animals with one individual delivery for the E'uzga	Akkadica 114-115 99 20:1-3
bazi D2	1-2-3-4	S, e ₂ uz-ga mu-DU PN PN maškim	animals with one individual delivery and one maškim official for the E'uzga	AR RIM 5 35 318:1-4
bazi D3	1-2-4	S, e ₂ uz-ga PN maškim	animals with one maškim official for the E'uzga	UDT 109:1-4
bazi D4	1-2-4-3	S, e ₂ uz-ga PN maškim mu-DU PN	animals with one individual delivery and one maškim official for the E'uzga	PDT 1 10:5-7
bazi D5	1-2-4-3	S, e ₂ uz-ga PN maškim ša ₃ mu-DU-ra-ta	animals from delivery with one maškim official for the E'uzga	OrSP 47-49 33:4-6
bazi D6	1-3-2-4	<u>S, mu-DU PN</u> e ₂ uz-ga PN maškim	animals with two or more individual deliveries and one maškim official for the E'uzga	AUCT 1 518:1-4
bazi D7	1-2-9-5-4	S, e ₂ uz-ga AB ₂ -ru-um-ta dab ₅ -ba ġiri ₃ PN PN maškim	animals brought from the “storage facility” with one ġiri ₃ official and one maškim official for the E'uzga	JANES 9 22 5:1-5
bazi E1	1-2	S šu-gid ₂ e ₂ muhaldim-še ₃	animals with the šu-gid-contingent for the “kitchen”	ASJ 9 267 71:1-4

Type	Component	Formula	Description	Example
bazi E2	1-2	S šu-gid ₂ S ba-uš ₂ /ug ₇ e ₂ muhaldim-še ₃	animals with the šu-gid-contingent and dead animals for the “kitchen”	Erm 14611:4-6
bazi E3	1-2-3	S šu-gid ₂ S ba-ug ₇ e ₂ muhaldim-še ₃ ša ₃ mu-DU PN	animals with the šu-gid-contingent and dead animals among the individual deliveries for the “kitchen”	Erm 14758:1-4
bazi E4	1-2-3	S šu-gid ₂ e ₂ muhaldim ša ₃ mu-DU-ra-ta	animals with the šu-gid-contingent from delivery for the “kitchen”	MVN 13 542:5-7
bazi E5	1-2-4	S šu-gid ₂ e ₂ muhaldim-še ₃ PN maškim	animals as the šu-gid-contingent with one maškim official for the “kitchen”	UDT 93:4-7
bazi E6	1-2-4	S šu-gid ₂ e ₂ muhaldim-še ₃ mu aga ₃ -us ₂ -e-ne-še ₃ PN maškim	animals as the šu-gid-contingent with one maškim official to the “kitchen” for the soldiers	AUCT 1 418:4-13
bazi E7	1-2-4	S šu-gid ₂ e ₂ muhaldim mu aga ₃ -us ₂ -e-ne-še ₃ lugal GN-še ₃ du-ni ma ₂ -a ba-a-ġar PN maškim	animals as the šu-gid-contingent with one maškim official to the “kitchen” for the soldiers, when the king went to GN, they (=animals) were loaded on a boat	OrSP 47-49 14:1-12
bazi E8	1-2-5	S šu-gid ₂ e ₂ muhaldim-še ₃ ġiri ₃ PN	animals as the šu-gid-contingent with one ġiri ₃ official for the “kitchen”	Trouvaille 6:11-14
bazi E9	1-2-6	S šu-gid ₂ e ₂ muhaldim-še ₃ GN1-ta GN2-še ₃ ma ₂ zi-gum-ma-ke ₄ ib ₂ -gub PN šu ba-ti	animals as the šu-gid-contingent for the “kitchen”, from GN1 to GN2, they (=animals) were loaded on the <i>zigum</i> -boat, PN received them (=animals)	SAT 2 723:1-18
bazi F1	1-2	S ba-uš ₂ /ug ₇ e ₂ -kišib-ba-še ₃	dead animals for the storehouse	Orient 16 45 23:1-2
bazi F2	1-2-3	S ba-uš ₂ /ug ₇ e ₂ -kišib-ba-še ₃ (ša ₃) mu-DU PN	dead animals with one individual delivery for the storehouse	SumRecDreh 1:4-6
bazi F3	1-2-3	S ba-uš ₂ /ug ₇ e ₂ -kišib-ba-še ₃ ša ₃ mu-DU-ra-ta	dead animals from delivery for the storehouse	OrSP 47-49 31:4-6
bazi F4	1-2-9-5	S ba-uš ₂ /ug ₇	dead animals among the	HS 2271 [un]:5-7

Type	Component	Formula	Description	Example
		e ₂ -kišib-ba-še ₃ ša ₃ mu-DU AB ₂ -ru-um- ma dab ₅ -ba ġiri ₃ PN	deliveries brought from the “storage facility” with one ġiri ₃ official for the storehouse	
bazi F5	1-2-6	S ba-uš ₂ /ug ₇ e ₂ -kišib-ba-še ₃ PN šu ba-ti	dead animals for the storehouse, PN received	TCL 2 5579:1-6
bazi G1	1-2-3	S e ₂ -duru ₅ du-du ša ₃ e ₂ ^d En-lil ₂ -la ₂ mu-DU PN	animals with one individual delivery from the temple of Enlil to the village	Princeton 2 357:1-4
bazi G2	1-2-3-4	S e ₂ -duru ₅ du-du ša ₃ e ₂ ^d En-lil ₂ -la ₂ mu-DU PN PN maškim	animals with one individual delivery and one maškim from the temple of Enlil to the village	AAICAB 1/3 pl 197 Bod A 74:5-9
bazi G3	1-3-2-4	S, mu-DU PN e ₂ -duru ₅ du-du ša ₃ e ₂ ^d En-lil ₂ -la ₂ PN maškim	animals with two or more individual deliveries and one maškim from the temple of Enlil to the village	PDT 2 862:1-6
bazi G4	1-2-4-3	S e ₂ -duru ₅ du-du ša ₃ e ₂ ^d En-lil ₂ -la ₂ PN maškim ša ₃ mu-DU-ra-ta	animals from delivery with one maškim from the temple of Enlil to the village	OIP 121 337:11-13
bazi G5	1-2-4-3	S, ša ₃ e ₂ -duru ₅ -še ₃ PN maškim ša ₃ mu-DU-ra-ta	animals from delivery with one maškim to the village	BIN 3 201:6-8
bazi G6	1-2-4	S e ₂ -duru ₅ du-du ša ₃ e ₂ ^d Nin-tin-ug ₅ -ga PN maškim	animals with one maškim from the temple of Nintinugga to the village	BPOA 7 2898:1-4
bazi H1	1-2-5-4	S, ur-gir ₁₅ -re ba-ab-gu ₇ ġiri ₃ PN PN maškim	animals with one ġiri ₃ official and one maškim official for feeding dogs	PDT 2 825:1-4
bazi H2	1-2-5-6	S šu-gid ₂ ur-gir ₁₅ -re ba-ab-gu ₇ ġiri ₃ PN ugula PN	animals as the šu-gid-contingent with one ġiri ₃ official and one overseer for feeding dogs	PDT 2 869:1-4
bazi H3	1-2-6-4	S šu-gid ₂	animals as the šu-gid-contingent	MVN 8 118:6-10

Type	Component	Formula	Description	Example
		ur-e gu ₇ -de ₃ PN i ₃ -dab ₅ PN maškim	with one maškim official for feeding dogs, PN received/took	
bazi H4	1-2-6	S ba-ug ₇ mu ur-(gir ₁₅)-ra-še ₃ PN šu ba-ti	dead animals for dogs, PN received	MVN 8 132:5-8
bazi H5	1-6-2	S šu-gid ₂ PN i ₃ -dab ₅ ugula PN ur-gir ₁₅ -re ba-ab-gu ₇	animals as the šu-gid-contingent with two or more receivers and overseers for feeding dogs	Erm 08091:1-13
bazi H6	1-2	S igi lugal-še ₃ ur-gir ₁₅ -re ib ₂ -dab ₅	animals brought for feeding dogs in the face of the lord/king	UDT 123:8-9
bazi K1	1-3-2	S, mu-DU lugal PN i ₃ -dab ₅	PN received/took animals with the royal delivery	Akkadica 25 8 2:1-7
bazi K2	1-2	S, PN i ₃ -dab ₅	PN received/took animals	BIN 3 29:1-3
bazi K3	1-2	S šu-la ₂ -a PN i ₃ -dab ₅	PN received/took animals with the šu-la ₂ -a contingent	AUCT 1 915:1-5
bazi K4	1-2	S maš ₂ -da-re-a sipa-e- ne PN i ₃ -dab ₅	PN received/took animals as the mašdarea-offerings of shepherds	OrSP 47-49 22:1-4
bazi K5	1-2	S, bala PN	animals (for) the bala-tax of PN	Princeton 2 117:1-6
bazi K6	1-2	S, bala-a zi-ga kišib PN	animals as the bala-tax withdrawn, sealed by PN (=ensi ₂)	YOS 4 64:1-7
bazi K7	1-2-9	S, bala PN ₁ PN ₂ i ₃ -dab ₅	animals as the bala-tax of PN ₁ , PN ₂ took in charge	AUCT 1 91:1-3
bazi K8	1-2	S, u ₄ N-kam PN i ₃ -dab ₅	PN received/took animals at the Nth day	AUCT 1 905:1-3
bazi K9	1-2	S, <i>year name</i> ba-ug ₇ ad ₆ kuš-bi PN šu ba-ti	dead animals on two or more years, PN received its/their corpse and skin	Nisaba 8 67:1-9
bazi K10	1-5-2	S, u ₄ N-kam ġiri ₃ PN PN i ₃ -dab ₅	PN received/took animals at the Nth day, with one ġiri ₃ official	Trouville 43:1-4

2.2.1.13 Sub-summary

The total number of animals that Aba-saga expended (ba-zi) for the above-mentioned purposes or destinations is approximately seventeen thousand. In detail, the number of animals disbursed (ba-zi) for every destination is listed below (see Table 2.6).

Table 2.6 Statistics of the number of animals disbursed by Aba-saga

Destination	Ox	Sheep	Goat	Wild/Rare ⁴⁸⁰	Subtotal
Cultic	43	1,184+	175	21	1,423+
Royal	144	1,958+	557+	34+	2,693+
Individual	241+	2,875+	767	19	3,902+
E'uzga	0	90	32	126+ ⁴⁸¹	248+
Kitchen	375+	2,735+	1,202+	25	4,337+ ⁴⁸²
Storehouse	2	21	3	48	74 ⁴⁸³
Village	1	3	0	10	14
Dog	5	47	14	17	83 ⁴⁸⁴
Others	431	2,328+	1,257	69	4,391+ ⁴⁸⁵
Total:	1,242+	11,241+	4,007+	369+	17,165+

2.2.2 The expenditure (i₃-dab₅) of animals transferred to bureaus and individuals

Aba-saga expended (i₃-dab₅) animals which were transferred to the subordinate bureaus of the Puzriš-Dagan organization (see 2.2.2.1) and a considerable number of individuals consisting of the governors of different cities (see 2.2.2.2), member(s) of the royal household (see 2.2.2.3), the individuals who held titles (see 2.2.2.4), and the individuals who did not hold titles (see 2.2.2.5).

Among all of the extant administrative documents (3,166) issued by Aba-saga during the year of Amar-Suen, the number of the records (2,313) concerning the transfers (i₃-dab₅) of animals from Aba-saga to the subordinate bureaus of the Puzriš-Dagan organization and various individuals is the largest, and it accounts for approximately seventy-three percent.

2.2.2.1 Subordinate bureaus

Hundreds of thousands of animals were transferred (i₃-dab₅) from Aba-saga to the following 23 officials of the subordinate bureaus of the Puzriš-Dagan organization: Ahuni (see 2.2.2.1.1), Ahu-Wer (see 2.2.2.1.2), Duga (see 2.2.2.1.3), En-diġirġu (see 2.2.2.1.4), Enlila (see 2.2.2.1.5), Igi-Enlilše (see 2.2.2.1.6), Intaea (see 2.2.2.1.7), Lu-diġira-Ah (see 2.2.2.1.8), Lu-diġira-IS (see 2.2.2.1.9), Lu-saga (see 2.2.2.1.10), Nalu (see 2.2.2.1.11), Nur-Suen (see 2.2.2.1.12), Šu-Erra (see 2.2.2.1.13), Šu-IDIM (see 2.2.2.1.14), Šu-Mama (see 2.2.2.1.15), Šulgi-a'aġu (see 2.2.2.1.16),

⁴⁸⁰ The entry, "Wild/Rare", includes the following sorts: bear, deer, equids, gazelle, Makkan-goat, wild goat, wild sheep and two types of hybrids: hybrid of goat with wild goat, hybrid of sheep with wild sheep, *sic passim*.

⁴⁸¹ Among them, there are 100 gazelles disbursed for E'uzga.

⁴⁸² Most of animals disbursed for the kitchen are designated with the šu-gid-contingent.

⁴⁸³ All of the animals disbursed for the storehouse are dead.

⁴⁸⁴ In all animals disbursed for feeding dogs, except for the equids designated with the šu-gid-contingent, all other animals are dead.

⁴⁸⁵ There are 306 sheep/goats added to the sum (Nisaba 8 67:2).

Tah(i)š-atal (see 2.2.2.1.17), Turam-Dagan (see 2.2.2.1.18), Ur-kununa (see 2.2.2.1.19), Ur-šugalamma (see 2.2.2.1.20), Ur-tur (see 2.2.2.1.21), Uta-mišaram (see 2.2.2.1.22) and Zubaga (see 2.2.2.1.23).

2.2.2.1.1 Ahuni

Between AS 1 ix 2 and AS 1 x 28, Aba-saga transferred 686 animals (52 oxen, 228 sheep and 406 goats) to Ahuni, the official of the naGaBtum branch⁴⁸⁶.

2.2.2.1.2 Ahu-Wer

Between AS 3 xi diri 20 and AS 8 i 9, Aba-saga transferred 6,023+ animals to Ahu-Wer, the official of the naGaBtum branch⁴⁸⁷. This number consists of 718+ oxen, two wild oxen, 4,218+ sheep, 1,087+ goats and one wild goat. Among them, there are 53 sheep and one goat deducted for the regular offerings (sa₂-du₁₁ ku₅-ra₂), as well as 63 oxen, 20 sheep and 60 goats for the banquets.

2.2.2.1.3 Duga

Between AS 7 xi and AS 9 iv 19, Aba-saga transferred 1,683 animals (795 sheep and 888 goats) to Duga who later became the official of the “central bureau” by succeeding the post of

⁴⁸⁶ TJA pl.68 IES 133 (AS 1 ix 2); AUCT 1 607 (AS 1 ix 7); SACT 1 11 (AS 1 ix 8); Ontario 1 76 (AS 1 ix 11); Nisaba 8 248 (AS 1 ix 12); BIN 3 27 (AS 1 ix 17); AUCT 1 575 (AS 1 ix 20); Nisaba 8 278 (AS 1 ix 21); AUCT 1 833 (AS 1 x 26); JCS 52 36 13 (AS 1 x 27); CST 217 (AS 1 x 28). For Ahuni, see Chapter 3.1.1.

⁴⁸⁷ ASJ 7 168 TRU 60 = MVN 13 444 (AS 3 xi d 20); BIN 3 424 (AS 3 xi d 26); PDT 2 889 (AS 3 xi d 29, sa₂-du₁₁ ku₅-ra₂); BPOA 7 2834 (AS 3 xii 2); AUCT 1 59 (AS 3 xii 16); OIP 121 145 (AS 3 xii 17); OIP 121 146 (AS 3 xii 18); AUCT 1 127 (AS 4 i 20); AUCT 2 262 (AS 4 i 25); UCP 9-2-2 45 (AS 4 i 30); MVN 8 43 (AS 4 ii 7); MVN 13 434 (AS 4 ii 26); BPOA 6 700 (AS 4 iii 18); BIN 3 77 (AS 4 iii 25); PDT 2 823 (AS 4 iv 11); BIN 3 89 (AS 4 iv 19); ASJ 7 168 TRU 61 (AS 4 iv 25); ASJ 9 256 42 (AS 4 v 7); BPOA 6 708 (AS 4 v 27); BIN 3 210 (AS 4 vi 2); AUCT 1 914 (AS 4 vi 7); AUCT 1 168 (AS 4 vi 9); BIN 3 88 (AS 4 vi 22); PDT 1 352 (AS 4 vi 22); PDT 2 887 (AS 4 vii 20); SACT 1 19 (AS 4 viii 3); PDT 2 849 (AS 4 viii 6); TCL 2 5582 (AS 4 viii 8); AUCT 1 603 (AS 4 ix 21, kaš-de₂-a Be-li₂-a-ri₂-ik ki-ba ġa₂-ġa₂-dam); TCL 2 5640 (AS 4 x 1); AUCT 1 638 (AS 4 x 4); ASJ 9 257 44 (AS 4 x 10); BPOA 6 628 (AS 4 x 19); Ontario 1 77 (AS 4 x 21); MVN 8 54 (AS 4 xi X); BIN 3 107 (AS 5 i 1); Hirose 181 (AS 5 ii 1); Erm 14858 (AS 5 ii 3); OIP 121 181 (AS 5 ii 7); OIP 121 182 (AS 5 ii 10); MVN 2 104 (AS 5 ii 17); TCND 107 (AS 5 ii 24); CST 306 (AS 5 ii 30); CST 307 (AS 5 iii 6); HS 2286 (AS 5 iii 8); Erm 14752 (AS 5 iv 4); OIP 121 200 (AS 5 iv 6); Hirose 194 (AS 5 iv 12); OIP 121 202 (AS 5 iv 16); SACT 1 29 (AS 5 iv 19); CST 310 (AS 5 iv 21); Nik 2 499 (AS 5 iv 22); SAT 2 889 (AS 5 iv 24); HS 2267 (AS 5 iv 30); TCND 117 (AS 5 v 1); OIP 121 208 (AS 5 v 2); ASJ 7 169 TRU 62 (AS 5 v 7); BCT 1 44 (AS 5 v 8); HS 2313 (AS 5 v 9); Princeton 1 48 (AS 5 v 13); CST 317 (AS 5 v 14); HS 2265 (AS 5 v 30); MVN 9 211 (AS 5 vi 24); BIN 3 104 (AS 5 vii 6); OIP 121 239 (AS 5 vii 12); TCND 130 (AS 5 vii 20); OIP 121 252 (AS 5 viii 10); BPOA 6 868 (AS 5 viii 11); OIP 121 257 (AS 5 viii 17); TCND 138 (AS 5 viii 18); CST 330 (AS 5 viii 20); OIP 121 273 (AS 5 ix 11); Ontario 1 78 (AS 5 ix 19); TCND 146 (AS 5 x 10); HS 2292 (AS 5 xi 15); MVN 2 168 (AS 5 xi 22); Erm 14570 (AS 5 xii 12); OIP 121 320 (AS 5 xii 22); Rochester 55 (AS 5 xii 24); PDT 1 181 (AS 6 i 23); AUCT 1 819 (AS 6 i 27); AnOr 1 3 (AS 6 ii 8); MVN 8 57 (AS 6 ii 30); Erm 14594 (AS 6 iii 24); BIN 3 269 (AS 6 iii 29); Erm 07855 (AS 6 iv 11); AUCT 1 467 (AS 6 iv 18); PPAC 4 142 (AS 6 iv 24); Nisaba 8 113 (AS 6 v 22); ASJ 7 169 TRU 63 (AS 6 v 29); BPOA 6 81 (AS 6 v 29); Nisaba 8 158 (AS 6 vi 2); ASJ 9 259 50 (AS 6 vi 24); TCND 160 = JCS 23 114 27 (AS 6 vii 28); BPOA 6 558 (AS 6 vii 29); PDT 2 897 (AS 6 vii 30); SACT 1 40 (AS 6 viii 8); AUCT 1 392 (AS 6 viii 12); ASJ 7 169 TRU 64 (AS 6 viii 13); AUCT 1 219 (AS 6 ix 1); BIN 3 287 (AS 6 ix 8); AUCT 1 850 (AS 6 ix 19); BIN 3 266 (AS 6 ix 20); MVN 8 68 (AS 6 ix 22); BIN 3 271 (AS 6 ix 25); AUCT 1 615 (AS 6 x 22); BIN 3 268 (AS 6 x 24); CTMMA 1 19 (AS 6 xi 3); ASJ 7 169 TRU 65 (AS 6 xi 12); SACT 1 44 (AS 6 xi 22); Erm 14874 (AS 6 xi 28); MVN 8 76 (AS 6 xii 23); OrSP 47-49 100 (AS 6 xii 24); AAICAB 1/4 TCICA 22 = Santag 7 178 (AS 7 i 11); UDT 125 (AS 7 i 29, sa₂-du₁₁ ku₅-ra₂); MVN 8 80 (AS 7 ii 30); OIP 121 335 (AS 7 ii 30, sa₂-du₁₁ ku₅-ra₂); AUCT 1 742 (AS 7 iii 28); AUCT 1 125 (AS 7 iii 29, sa₂-du₁₁ ku₅-ra₂); CST 360 (AS 7 iv 1); AUCT 1 500 (AS 7 v 2); OMRO 68 14 3 (AS 7 v 19); ASJ 9 261 56 (AS 7 viii 8); UDT 143 (AS 7 viii 23); MVN 10 131 (AS 7 ix 18); AUCT 1 602 (AS 7 ix 20); AUCT 1 8 (AS 7 ix 23); CDLJ 2012/1 4.22 (AS 7 x 13); SmithCS 38 23 (AS 7 xi 1); Ontario 1 79 (AS 7 xii 7); PDT 2 788 (AS 7 xii 7); PDT 2 1328 (AS 7 xii 10); RA 79 27 20 (AS 7 xii 29); AUCT 1 933 (AS 8 i 9); OIP 121 362 (AS X X 1). For Ahu-Wer, see Chapter 3.2.2.

Intaea⁴⁸⁸.

2.2.2.1.4 En-diġirġu

Between AS 1 viii 1 and AS 8 ix 20, Aba-saga transferred 3,187 animals to En-diġirġu, the official of the Tummal branch⁴⁸⁹. This number consists of 2,395 sheep, one wild sheep, 768 goats, 18 wild goats, three deer and two gazelles. Among them, there are two sheep deducted for the regular offerings (sa₂-du₁₁ ku₅-ra₂).

2.2.2.1.5 Enlila

Between AS 1 xii 3 and AS 9 iv 27, Aba-saga transferred 253 oxen to Enlila⁴⁹⁰, in which there were 53 oxen designated as deliveries (mu-DU), 66 designated as royal deliveries (mu-DU lugal), and 27 designated as the šu-gid-contingent. Note that in the years of AS 3, AS 5, AS 6 and AS 7, there is no record available regarding the transfer of animals from Aba-saga to Enlila.

2.2.2.1.6 Igi-Enlilše

Between AS 7 viii 13 and AS 9 iv 5, Aba-saga transferred 565+ animals to Igi-Enlilše, the official of the naGaBtum branch⁴⁹¹, which consisted of 57 oxen, 406+ sheep and 102+ goats. Within this number, there were 33+ sheep deducted for the regular offerings (sa₂-du₁₁ ku₅-ra₂).

⁴⁸⁸ Rochester 74 (AS 8 iv 1, šu-gid₂); TCND 410 (AS 8 vi 17-19, šu-gid₂); BPOA 7 2624 (AS 8 vii 9, šu-gid₂); NYPL 231 (AS 8 viii 19); Akkadica 114-115 98 16 (AS 8 ix 2, šu-gid₂); CDLJ 2012/1 4.23 (AS 8 ix 13, šu-gid₂); AUCT 1 335 (AS 8 ix 18, šu-gid₂); NYPL 2 (AS 8 ix 19, šu-gid₂); OIP 121 359 (AS 8 ix 28, šu-gid₂); Nisaba 8 148 (AS 8 ix 29, šu-gid₂); PDT 2 875 (AS 8 x 3, šu-gid₂); UDT 122 (AS 8 x 12, šu-gid₂); AUCT 1 595 (AS 8 x 17); AUCT 1 586 (AS 8 xi 9, šu-gid₂); AUCT 1 796 (AS 8 xii 3+); AUCT 1 191 (AS 8 xii 8, šu-gid₂); UDT 163 (AS 8 xii 29); Santag 7 142 (AS 9 iv 12, šu-gid₂); TCL 2 5595 (AS 9 iv 19, šu-gid₂); BIN 3 312 (AS X viii 22, šu-gid₂). For Duga, see Chapter 2.5.

⁴⁸⁹ Nisaba 8 225 (AS 1 viii 1); ASJ 7 168 TRU 55 (AS 1 ix 8); BPOA 6 145 (AS 2 viii 8); ASJ 7 168 TRU 56 (AS 2 viii 14); Rochester 37 (AS 2 viii 24); AUCT 1 15 (AS 2 ix 2); OIP 121 129 (AS 2 ix 21); TCL 2 5631 (AS 2 ix 24); BPOA 6 625 (AS 3 viii 5); Nebraska 80 (AS 3 viii 24); PPAC 4 16 (AS 4 vi 11); PDT 1 602 (AS 4 vi 22); ASJ 9 256 43 (AS 4 viii 6); SAT 2 819 (AS 4 viii 7); Nisaba 8 307 (AS 4 viii 8); MVN 15 18 (AS 4 viii 10); PDT 2 821 (AS 4 viii 12); MVN 8 48 (AS 4 viii 16); AUCT 1 122 (AS 4 viii 18); AUCT 1 594 (AS 4 viii 22); AUCT 1 134 (AS 4 viii 30); Rochester 50 (AS 4 ix 1); SACT 1 21 (AS 4 ix 2); Princeton 1 46 (AS 4 ix 3); AUCT 1 640 (AS 4 x 2); PPAC 4 26 (AS 5 ii 2, šu-gid₂); TCND 132 (AS 5 viii 7); Nik 2 451 (AS 5 viii 10); MVN 8 194 (AS 5 viii 13); MVN 15 346 (AS 5 viii 14); OIP 121 263 (AS 5 viii 25); Hirose 211 (AS 5 viii 27); PDT 1 31 (AS 5 viii 29); DoCu 311 = PPAC 4 94 (AS 5 viii 30); OIP 121 267 (AS 5 ix 3); AUCT 1 203 (AS 6 viii 4); AUCT 2 75 (AS 6 viii 12); SACT 1 41 (AS 6 viii 14); PDT 2 830 (AS 6 viii 30); AUCT 2 414 (AS 6 ix 1); AUCT 1 704 (AS 6 ix 3); TCND 162 (AS 7 i 29, sa₂-du₁₁ ku₅-ra₂); CST 358 (AS 7 iii 7); AUCT 1 337 (AS 7 vi 13); AUCT 1 913 (AS 7 viii 6); KM 89174 (AS 7 viii 7); AUCT 1 617 (AS 7 viii 10); AUCT 2 253 (AS 7 viii 13); BIN 3 135 (AS 7 viii 14); SACT 1 47 (AS 7 viii 21); CTMMA 1 24 (AS 7 viii 23); BIN 3 142 (AS 7 viii 24); PPAC 4 45 (AS 7 ix 3); Ontario 1 85 (AS 8 v 4); MVN 13 467 (AS 8 viii 23); BIN 3 404 (AS 8 viii 24); MVN 10 208 (AS 8 ix 20). For En-diġirġu, see Chapter 5.

⁴⁹⁰ Orient 16 45 21 (AS 1 xii 3,5,9,16,20, mu-DU); Nisaba 8 68 (AS 2 i 25,28,30, mu-DU / mu-DU lugal / niġ₂-gur₁₁ In-na-ti / niġ₂-gur₁₁ mar-tu-ne); AUCT 3 231 (AS 2 xi); PDT 2 952 (AS 4 iii); NYPL 329 (AS 8 vi 13, šu-gid₂); MVN 10 205 (AS 8 ix 2+, šu-gid₂); BIN 3 180 (AS 8 ix 7, šu-gid₂); AUCT 1 256 (AS 8 ix 11, šu-gid₂); AUCT 1 165 (AS 8 ix 24, šu-gid₂); AUCT 1 193 (AS 8 ix 27, šu-gid₂); TCL 2 5597 (AS 8 x 3, šu-gid₂); BIN 3 184 (AS 8 x 17); AUCT 1 583 (AS 8 xi 26, šu-gid₂); TCL 2 5586 (AS 8 X 1); MVN 8 89 (AS 9 iii 2, šu-gid₂); PPAC 4 188 (AS 9 iv 16); AUCT 1 391 (AS 9 iv 27). For Enlila, see Chapter 6.

⁴⁹¹ MVN 13 470 (AS 7 viii 13); OIP 121 347 (AS 8 v 4); BIN 3 156 (AS 8 v 13); AUCT 2 70 (AS 8 v 22+); AUCT 1 106 (AS 8 vi 7); AUCT 1 92 (AS 8 vii 17); AUCT 1 574 (AS 8 vii 27); UDT 149 (AS 8 viii 15); MVN 8 87 (AS 8 viii 17); TCL 2 5587 (AS 8 viii 19); TCL 2 5604 (AS 8 viii 25); AUCT 1 556 (AS 8 xi 6); AUCT 1 116 (AS 8 xi 9); AUCT 1 161 (AS 8 xi 14); AUCT 1 342 (AS 8 xi 19); PDT 2 1227 (AS 8 xi 21); AUCT 1 221 (AS 8 xii 30, sa₂-du₁₁ ku₅-ra₂); AAICAB 1/4 M.d.S.5 (AS 9 i 13); TSU 77 (AS 9 i 14); Erm 07857 (AS 9 i 15); AUCT 1 398 (AS 9 i 28, sa₂-du₁₁ ku₅-ra₂); AUCT 2 398 (AS 9 iii 2); NYPL 251 (AS 9 iii 18); PDT 2 816 (AS 9 iii 28); BIN 3 203 (AS 9 iv 5). For Igi-Enlilše, see Chapter 3.2.3.

2.2.2.1.7 Intaea

Between AS 3 iv 6 and AS 8 xi 21, Aba-saga transferred 22,586+ animals to Intaea who later became the principal official of the “central bureau” by succeeding the post of Aba-saga⁴⁹². This

⁴⁹² BPOA 6 682 (AS 3 iv 6); SDSU 2 (AS 3 ix 4); OIP 121 136 (AS 3 ix 5); PDT 1 666 (AS 3 ix 6); JCS 40 108 2 (AS 3 ix 15); SACT 1 14 (AS 3 ix 20); Ontario 1 88 (AS 3 x 1); AUCT 1 12 (AS 3 x 3); AAICAB 1/4 TCICA 18 (AS 3 x 6); Nisaba 8 206 (AS 3 x 6); AAICAB 1/4 TCICA 19 (AS 3 x 7); BPOA 6 665 (AS 3 x 10); PDT 2 852 (AS 3 x 12); AUCT 1 465 (AS 3 x 13); ASJ 7 174 TRU 162 (AS 3 x 14); Nisaba 8 369 (AS 3 x 15); Santag 7 147 (AS 3 x 16); BPOA 7 3017 (AS 3 x 18, mu-DU); AUCT 1 570 (AS 3 x 21); TRU 163 (AS 3 x 24); ASJ 7 174 TRU 161 (AS 3 x 26); AUCT 2 77 (AS 3 x 29); BPOA 7 2729 (AS 3 x 30); SAT 2 744 (AS 3 x 30, sa₂-du₁₁ ku₅-ra₂); PDT 2 885 (AS 3 xi 6); SACT 1 16 (AS 3 xi d 11); OIP 121 140 (AS 3 xi 13); BPOA 6 537 (AS 3 xi 14); NYPL 19 = BPOA 7 2529 (AS 3 xi 15); OIP 121 141 (AS 3 xi 16); Akkadica 114-115 95 3 (AS 3 xi 19); UCP 9-2-2 25 (AS 3 xi d 21); TRU 164 (AS 3 xi d 22); AAICAB 1/1 pl.59 1924-555 = ASJ 9 255 40 (AS 3 xi d 28); Erm 14770 (AS 3 xi 29); Trouvaille 51 (AS 3 xi d 29); Nebraska 76 (AS 3 xii 3); OIP 121 143 (AS 3 xii 7); PDT 2 870 (AS 3 xii 14); OIP 121 144 (AS 3 xii 15); SmithCS 38 16 (AS 3 xii 16); MVN 20 184 (AS 3 xii 25); PPAC 4 8 (AS 3 xii 30); OIP 121 148 (AS 3 X 26); SACT 1 17 (AS 4 i 1); AUCT 2 172 = OIP 121 149 (AS 4 i 3, kin-gi₄-a); AUCT 1 555 (AS 4 i 5); BIN 3 72 (AS 4 i 6); AUCT 1 628 (AS 4 i 7); AUCT 1 273 (AS 4 i 8); OIP 121 150 (AS 4 i 11); BIN 3 76 (AS 4 i 13, kin-gi₄-a); AUCT 1 527 (AS 4 i 21); AUCT 1 810 (AS 4 i 22); BIN 3 78 (AS 4 i 23); Rochester 42 (AS 4 i 25); TCND 101 (AS 4 i 26); AUCT 2 64 (AS 4 i 27, mu-DU); OIP 121 152 (AS 4 i 30); Erm 07756 (AS 4 i); Akkadica 114-115 95 4 = PPAC 4 11 (AS 4 i); BPOA 6 599 (AS 4 ii 2); Ontario 2 missing 2 (AS 4 ii 4); AUCT 1 145 = PPAC 4 12 (AS 4 ii 7); JEOL 33 114 4 (AS 4 ii 9); MVN 13 449 (AS 4 ii 12); CTMMA 1 29 (AS 4 ii 13); PDT 2 851 (AS 4 ii 21); Erm 14842 (AS 4 ii 25); MVN 20 178 = RA 98 4 3 (AS 4 ii 26); ASJ 9 256 41 (AS 4 ii 28); MVN 13 473 (AS 4 ii 29); AUCT 2 362 (AS 4 iii 2); MVN 8 44 (AS 4 iii 4); AUCT 1 38 (AS 4 iii 10); Nik 2 515 (AS 4 iii 14); AUCT 1 202 (AS 4 iii 17); BPOA 6 675 (AS 4 iii 20); AUCT 2 1 (AS 4 iii 29); BIN 3 79 (AS 4 iii 30, šu-gid₂); AUCT 1 88 (AS 4 iv 1); MVN 8 45 = YOS 18 36 (AS 4 iv 2); Trouvaille 53 (AS 4 iv 3); AUCT 2 79 (AS 4 iv 4); BPOA 7 2685 (AS 4 iv 7); MVN 8 46 = PPAC 4 14 (AS 4 iv 8); PDT 2 798 (AS 4 iv 9); MVN 13 475 (AS 4 iv 12); PDT 2 833 (AS 4 iv 16); BIN 3 377 (AS 4 iv 17); MVN 8 47 (AS 4 iv 18); Princeton 2 15 (AS 4 iv 22); Santag 7 107 (AS 4 iv 29); AUCT 1 408 (AS 4 iv,vi,viii); AUCT 2 63 (AS 4 v 12); NABU 2001/104 (AS 4 v 16); TCL 2 5613 (AS 4 v 18); MVN 5 117 (AS 4 v 23, šu-gid₂); Princeton 2 20 (AS 4 v 30); OIP 121 155 (AS 4 v, mu^dNin-[sun₂]-še₃); AUCT 2 159 (AS 4 vi 1); ASJ 17 328 1 (AS 4 vi 2); PDT 1 672 (AS 4 vi 4); MVN 8 90 (AS 4 vi 5); AUCT 1 215 (AS 4 vi 7); Akkadica 114-115 97 10 (AS 4 vi 8); OIP 121 156 (AS 4 vi 11, šu-gid₂); ViOr 8/1 98 (AS 4 vi 13); OIP 121 157 (AS 4 vi 15); AUCT 1 544 (AS 4 vi 18); SACT 1 50 = TCL 2 5618 (AS 4 vi 19); AUCT 1 258 (AS 4 vi 20); MVN 20 191 = Nebraska 9 (AS 4 vi 22); AUCT 1 945 (AS 4 vi 27); AUCT 1 900 (AS 4 vi 30); TCND 168 (AS 4 vii 3); Rochester 47 (AS 4 vii 8); OIP 121 160 (AS 4 vii 9); ASJ 15 77 1 (AS 4 vii 13); AUCT 1 519 (AS 4 vii 14); Erm 14827 (AS 4 vii 15); Rochester 48 (AS 4 vii 16); AUCT 1 198 (AS 4 vii 17); TCND 169 (AS 4 vii 19); PDT 1 661 (AS 4 vii 21); BPOA 7 2626 (AS 4 vii 26); BPOA 6 663 (AS 4 vii 29); Hirose 160 (AS 4 viii 2); AUCT 2 183 (AS 4 viii 3); UDT 114 (AS 4 viii 4); TCL 2 5614 (AS 4 viii 5); MVN 20 187 (AS 4 viii 7); BPOA 6 153 (AS 4 viii 8); PDT 2 968 (AS 4 viii 9); BIN 3 83 (AS 4 viii 10); AUCT 1 588 (AS 4 viii 15); OrSP 47-49 77 (AS 4 viii 16); SAT 2 813 (AS 4 viii 19); OIP 121 162 (AS 4 viii 21); SACT 1 20 (AS 4 ix 2); AUCT 1 589 (AS 4 ix 4); OrSP 47-49 82 (AS 4 ix 7); Ontario 1 89 (AS 4 ix 9); MVN 2 102 (AS 4 ix 13); PDT 2 782 (AS 4 ix 14); MVN 8 49 (AS 4 ix 15); BPOA 7 1589 (AS 4 ix 20); Nisaba 8 176 (AS 4 ix 22); AUCT 1 592 (AS 4 ix m 23); ArOr 25 558 7 (AS 4 ix m 24); AUCT 2 350 (AS 4 ix m 25); SAT 2 821 (AS 4 ix m 27); Santag 7 146 (AS 4 ix m 28); AUCT 1 96 (AS 4 x 1); OIP 121 165 = SA 13 (AS 4 x 1); Nisaba 8 173 (AS 4 x 3); PDT 2 842 = TCND 102 (AS 4 x 5); TCND 103 (AS 4 x 6); Hirose 170 (AS 4 x 8); MVN 8 52 (AS 4 x 8); BIN 3 98 (AS 4 x 10); SmithCS 38 17 (AS 4 x 11); JCS 35 206 2 = Ontario 1 91 (AS 4 x 12); AUCT 1 345 (AS 4 x 13); AUCT 2 215 (AS 4 x 16); TSU 76 (AS 4 x 16); Akkadica 114-115 96 6 = Nisaba 8 140 (AS 4 x 17); AUCT 2 165 (AS 4 x 19); SAT 2 825 (AS 4 x 19); AUCT 2 74 (AS 4 x 21); Akkadica 114-115 96 7 (AS 4 x 22); AUCT 1 233 (AS 4 x 28); NYPL 31 (AS 4 xi 1); MVN 2 103 (AS 4 xi 6); Nisaba 8 110 = SAT 2 778 (AS 4 xi 9); KM 89267 (AS 4 xi 29); AUCT 1 33 (AS 4 xii 3); SACT 1 22 (AS 4 xii 6); Erm 07902 (AS 4 xii 8); AUCT 1 673 = YOS 18 37 (AS 4 xii 12); SACT 1 24 (AS 4 xii 13); AUCT 1 706 = Nisaba 8 313 (AS 4 xii 18); OIP 121 168 (AS 4 xii 22); CDLJ 2012/1 4.20 (AS 4 X 9); Nik 2 497 (AS 4); Hirose 177 = SAT 2 900 (AS 5 i 1); BIN 3 130 (AS 5 i 2); PDT 1 146 (AS 5 i 5); HS 2301 (AS 5 i 5); Hirose 178 (AS 5 i 6); OIP 121 170 (AS 5 i 7); CST 296 (AS 5 i 11); Nisaba 8 241 (AS 5 i 14); Nisaba 8 231 (AS 5 i 17); OIP 121 171 (AS 5 i 19); CST 298 = OIP 121 172 (AS 5 i 21); BPOA 6 654 = PDT 1 149 (AS 5 i 23); TCND 105 (AS 5 i 29); SET 15 (AS 5 i 30); SET 16 (AS 5 i 30); PPAC 4 25 (AS 5 ii 1); PDT 1 48 (AS 5 ii 5); SACT 1 25 (AS 5 ii 6); HS 2291 (AS 5 ii 7); Princeton 1 2 (AS 5 ii 8); ASJ 7 122 6 (AS 5 ii 11); BIN 3 128 (AS 5 ii 12); Tavolette 80 (AS 5 ii 15); BPOA 6 862 (AS 5 ii 16); MVN 2 303 = Princeton 1 1 (AS 5 ii 21); Nisaba 8 180 (AS 5 ii 22); OIP 121 185 (AS 5 ii 23); Hirose 183 = OIP 121 186 (AS 5 ii 26); Hirose 186 (AS 5 ii 28); ASJ 7 174 TRU 166 (AS 5 ii 29); Hirose 187 (AS 5 ii 30); BIN 3 103 (AS 5 iii 1); BIN 3 106 (AS 5 iii 2); PDT 1 36 (AS 5 iii 3); OIP 121 188 (AS 5 iii 7); TCND 108 (AS 5 iii 8); Princeton 1 3 (AS 5 iii 12); PDT 1 105 (AS 5 iii 13); OIP 121 189 (AS 5 iii 15); OIP 121 190 (AS 5 iii 18); BPOA 6 571 (AS 5 iii 19); OIP 121 191 (AS 5 iii 20); OIP 121 192

(AS 5 iii 21); OMRO 68 16 6 (AS 5 iii 22); MVN 15 311 (AS 5 iii 23); TCND 112 (AS 5 iii 24); Erm 14771 (AS 5 iii 24); TCND 114 (AS 5 iii 27); OIP 121 196 (AS 5 iii 29); OIP 121 198 (AS 5 iii ?); Hirose 191 (AS 5 iv 4); Hirose 192 (AS 5 iv 5); PDT 1 73 (AS 5 iv 7); PDT 1 89 (AS 5 iv 10+); OIP 121 201 (AS 5 iv 15); BPOA 7 2659 (AS 5 iv 16); PDT 1 72 (AS 5 iv 18); OIP 121 203 (AS 5 iv 19); Erm 14850 (AS 5 iv 20); TCND 116 (AS 5 iv 22); Hirose 195 (AS 5 iv 24, kin-gi₄-a); PDT 1 98 (AS 5 iv 25); SACT 1 30 (AS 5 iv 27); PDT 1 74 (AS 5 iv 30); PDT 2 1118 (AS 5 iv 30); RA 101 38 4 (AS 5 iv 30); OIP 121 210 (AS 5 v 3); SA 48a = SA 8c (AS 5 v 4); CST 315 (AS 5 v 5); OIP 121 213 (AS 5 v 9); Hirose 198 (AS 5 v 11); SA 31 (AS 5 v 11); TCND 120 (AS 5 v 19); TCND 121 (AS 5 v 20); OIP 121 215 (AS 5 v 21); TCND 122 (AS 5 v 22); BPOA 6 525 (AS 5 v 23); BPOA 7 2969 (AS 5 v 24); BIN 3 120 (AS 5 v 27); PDT 1 77 (AS 5 v 27); OIP 121 219 = SET 18 (AS 5 vi 3); BIN 3 121 (AS 5 vi 4); AUCT 1 107 = Hirose 202 (AS 5 vi 7); PDT 1 78 (AS 5 vi 8); BPOA 7 3020 (AS 5 vi 12); SACT 1 32 (AS 5 vi 14); Hirose 203 (AS 5 vi 16); OIP 121 223 (AS 5 vi 17); OIP 121 225 (AS 5 vi 19); ASJ 7 122 8 (AS 5 vi 20); Nisaba 8 196 = SA 8a (AS 5 vi 20); OIP 121 227 = OIP 121 228 (AS 5 vi 22); PDT 1 57 (AS 5 vi 23); PDT 1 33 (AS 5 vi 27); OIP 121 230 (AS 5 vi 29); RA 84 152 1 (AS 5 xi 29); ASJ 7 122 7 (AS 5 vi 30); OIP 121 231 (AS 5 vi 30); TCND 126 (AS 5 vii 5); Hirose 206 (AS 5 vii 6); PDT 2 966 (AS 5 vii 8); PDT 1 54 (AS 5 vii 9); PDT 1 100 (AS 5 vii 10); OIP 121 237 (AS 5 vii 11); TCND 127 (AS 5 vii 12); CST 324 (AS 5 vii 14); TCND 128 (AS 5 vii 15); BIN 3 112 = MVN 20 180 (AS 5 vii 16); CST 326 = OIP 121 241 (AS 5 vii 17); Erm 07836 = PDT 1 142 (AS 5 vii 18); TCND 129 (AS 5 vii 19); Erm 14747 = PDT 2 1000 (AS 5 vii 21); TCND 131 (AS 5 vii 22); BCT 1 45 (AS 5 vii 23); OIP 121 244 (AS 5 vii 26); OIP 121 245 (AS 5 vii 29); OIP 121 249 (AS 5 viii 1); OIP 121 250 (AS 5 viii 2); AUCT 1 842 (AS 5 viii 3); AUCT 1 210 (AS 5 viii 4); Erm 14819 = OIP 121 251 (AS 5 viii 6); PDT 1 96 (AS 5 viii 10); OIP 121 253 (AS 5 viii 12); OIP 121 254 (AS 5 viii 13); Erm 14817 = Nisaba 8 157 (AS 5 viii 14); OIP 121 258 (AS 5 viii 19); Erm 14784 (AS 5 viii 20); OIP 121 261 (AS 5 viii 22); CST 460 (AS 5 viii 24); PDT 1 64 (AS 5 viii 25); PDT 1 47 (AS 5 viii 27); AUCT 1 572 (AS 5 viii 28); YOS 18 39 (AS 5 viii 30); BIN 3 263 (AS 5 ix 3); OIP 121 269 (AS 5 ix 5); Erm 14610 = Erm 14958 (AS 5 ix 8); CST 462 (AS 5 ix 9); OIP 121 274 (AS 5 ix 13); NYPL 161 = OIP 121 275 (AS 5 ix 14); Erm 14685 (AS 5 ix 18); PDT 1 22 (AS 5 ix 20); OIP 121 280 = OIP 121 281 (AS 5 ix 21); Nisaba 8 130 = OIP 121 282 (AS 5 ix 23); TCND 142 (AS 5 ix 24); BIN 3 119 (AS 5 ix 27); BIN 3 125 = BPOA 6 651 (AS 5 ix 28); OIP 121 286 (AS 5 ix 29); TCND 143 (AS 5 ix 29); OIP 121 287 (AS 5 ix 30); Erm 14826 = AUCT 1 676 (AS 5 x 1, ša₃ Uri₅^{ki}-ma); AUCT 1 283 (AS 5 x 2, ša₃ Uri₅^{ki}-ma); Erm 14796 (AS 5 x 3, ša₃ Uri₅^{ki}-ma); TCND 402 (AS 5 x 5, ša₃ Uri₅^{ki}-ma); Erm 14884 (AS 5 x 6, ša₃ Uri₅^{ki}-ma); BIN 3 116 (AS 5 x 7, ša₃ Uri₅^{ki}-ma); PDT 1 128 (AS 5 x 9, ša₃ Uri₅^{ki}-ma); SET 20 (AS 5 x 10, ša₃ Uri₅^{ki}-ma); Nik 2 508 (AS 5 x 11); MVN 2 105 (AS 5 x 12, ša₃ Uri₅^{ki}-ma); Erm 14845 (AS 5 x 13); BPOA 7 2686 (AS 5 x 14); HS 2297 (AS 5 x 15); NYPL 131 (AS 5 x 16); PDT 1 93 (AS 5 x 18); OIP 121 295 (AS 5 x 21, ša₃ Uri₅^{ki}-ma); HS 2287 (AS 5 x 23); OIP 121 298 (AS 5 x 27); OIP 121 299 (AS 5 x 28); Erm 14837 = MVN 20 190 (AS 5 x 30); OIP 121 301 (AS 5 x 30); PDT 1 127 (AS 5 xi 1); CST 464 (AS 5 xi 5); CST 457 (AS 5 xi 7, šu-gid₂); BPOA 7 2840 (AS 5 xi 9); TCND 149 (AS 5 xi 11); BIN 3 127 (AS 5 xi 12); TCND 150 (AS 5 xi 13); PDT 1 111 (AS 5 xi 15); Nik 2 475 (AS 5 xi 17); OIP 121 308 (AS 5 xi 18); HS 2249 (AS 5 xi 20); AUCT 1 893 (AS 5 xi 21); Kyoto 20 (AS 5 xi 22, kaš-de₂-a še-lu-uš^d-Dagan ki-ba ġa₂-ġa₂); OIP 121 310 (AS 5 xi 24); Erm 14614 (AS 5 xi 27); Princeton 1 6 (AS 5 xi 29); MVN 2 106 = OIP 121 313 (AS 5 xii 3); Nisaba 8 207 = TCND 153 (AS 5 xii 4); Nisaba 8 310 (AS 5 xii 6); TCND 154 (AS 5 xii 7); OIP 121 316 (AS 5 xii 11); PDT 1 138 (AS 5 xii 12); OIP 121 317 (AS 5 xii 13); CTNMC 12 (AS 5 xii 14); BIN 3 124 (AS 5 xii 15); Ontario 1 90 (AS 5 xii 21); Ontario 1 92 (AS 5 xii 22); Nisaba 8 181 = TCND 156 (AS 5 xii 25); OIP 121 324 = TCND 157 (AS 5 xii 26); OIP 121 325 (AS 5 xii 28); OIP 121 326 (AS 5 xii 29); OIP 121 327 (AS 5 xii 29); STD 16 (AS 4/5 ii 23); PDT 2 845 (AS 6 i 5); ASJ 7 174 TRU 165 (AS 6 i 6); MVN 8 55 (AS 6 i 7); BIN 3 294 (AS 6 i 12); AUCT 2 61 (AS 6 i 14); AUCT 2 47 (AS 6 i 18); PDT 2 832 (AS 6 i 19); AAICAB 1/3 pl.198 Bod A 82 (AS 6 i 23); PDT 2 831 (AS 6 i 28); Hirose 220 = Orient 16 47 30 (AS 6 i 29); ASJ 9 257 46 (AS 6 ii 1); ASJ 9 258 47 (AS 6 ii 3); SACT 1 37 (AS 6 ii 5); Princeton 1 4 = UDT 161 (AS 6 ii 10); ICP 471 (AS 6 ii 11); SACT 1 38 (AS 6 ii 12); ASJ 9 258 48 (AS 6 ii 16); AUCT 1 67 (AS 6 ii 17); PDT 2 864 (AS 6 ii 22); BPOA 6 181 (AS 6 ii 25); JAOS 33 171 4 (AS 6 ii,iv,viii, la₂-ia₃ su-ga / šu-gid₂); BIN 3 290 (AS 6 iii 2); MVN 8 58 (AS 6 iii 4); AUCT 1 563 (AS 6 iii 7); Rochester 58 (AS 6 iii 8); AUCT 1 470 (AS 6 iii 12); Santag 7 141 (AS 6 iii 14); BPOA 7 2948 (AS 6 iii 17); AUCT 1 931 (AS 6 iii 18); AUCT 1 650 (AS 6 iii 19); AUCT 2 50 (AS 6 iii 19); AUCT 1 188 (AS 6 iii 22); AUCT 1 600 (AS 6 iii 23); AUCT 1 136 (AS 6 iii 24); Rochester 59 (AS 6 iv 2); AUCT 1 163 (AS 6 iv 3); ASJ 7 174 TRU 169 (AS 6 iv 8); AUCT 1 884 (AS 6 iv 13); ASJ 19 206 19 (AS 6 iv 16); Ontario 1 94 (AS 6 iv 17); ASJ 7 174 TRU 168 (AS 6 iv 21); ASJ 7 174 TRU 167 (AS 6 iv 24); Princeton 2 431 (AS 6 iv); NYPL 395 (AS 6 v 1); OIP 121 329 (AS 6 v 7); ASJ 9 258 49 (AS 6 v 17); Rochester 60 (AS 6 v 18); Rochester 61 (AS 6 v 20); MVN 8 60 (AS 6 v 25); Nik 2 463 (AS 6 v 29, kin-gi₄-a); Babyloniaca 7 pl.22 19 (AS 6 v, sa₂-du₁₁ ku₅-ra₂); BPOA 6 677 (AS 6 vi 1); AUCT 1 158 (AS 6 vi 2); AUCT 1 820 (AS 6 vi 10); AUCT 2 208 (AS 6 vi 16); BIN 3 296 (AS 6 vi 17); MVN 8 61 (AS 6 vi 19); AUCT 2 67 (AS 6 vi 22); PDT 2 868 (AS 6 vi 23); AUCT 1 135 (AS 6 vi 25); AUCT 1 626 (AS 6 vi 28); Ontario 1 93 (AS 6 vi 29); BPOA 6 588 (AS 6 vii 9); CTMMA 1 18 (AS 6 vii 16); OrSP 47-49 91 (AS 6 vii 17); CST 350 (AS 6 vii 18); AUCT 1 800 (AS 6 vii 19); SmithCS 38 4 (AS 6 vii 23); Trouvaille 37 (AS 6 vii 24); AUCT 1 19 (AS 6 viii 3); TCL 2 5630 (AS 6 viii 6); OIP 121 331 = MVN 8 65 (AS 6 viii 9); UDT 138 (AS 6 viii 10); BPOA 6 149 (AS 6 viii 11); PDT 2 857 (AS 6 viii 13); OIP 121 332 (AS 6 viii 21); ASJ 9 259 52 (AS 6 viii 22); OrSP 47-49 93 (AS 6 viii 29); AUCT 1 827 (AS 6 viii 30); UDT 139 (AS 6 ix 2); PDT 2 828 (AS 6 ix 6); AAICAB 1/1 pl.78 1924-1788 = PDT 2 837 (AS 6 ix 16); BPOA 6 680 (AS 6 ix 17); ASJ 7 175 TRU 170

number consists of 742+ oxen, 12,517+ sheep, 9,323 goats and four bears. Among them, the following records of the transfers of animals, in particular, contain:

- (1) AS 3 x 18 - AS 4 i 27: 11 sheep and one goat designated as deliveries (mu-DU);
- (2) AS 4 i 3 - AS 6 v 29: 82+ oxen designated as the extispicy (kin-gi₄-a)⁴⁹³;
- (3) AS 4 iii 30 - AS 6 xii 27: 28+ oxen, 1,303+ sheep and 712 goats designated as the šu-gid-contingent;
- (4) AS 4 v: 103 oxen for the goddess Ninsun (mu^dNin-sun₂-še₃);
- (5) AS 5 xi 22: 228 sheep and 132 goats deducted (from) Šeluš-Dagan for the banquet (kaš-de₂-a Še-lu-uš-^dDa-gan ki-ba ĝa₂-ĝa₂);
- (6) AS 6 ii, iv, viii: two oxen designated as the "deficit compensated" (la₂-ia₃ su-ga);
- (7) AS 6 v - AS 7 ii 30: 90 sheep and three goats deducted for the regular offerings (sa₂-du₁₁ ku₅-ra₂);
- (9) AS 7 xi 9: 12 sheep and one goat as the bala-fund (from) the governor of A.HA⁴⁹⁴;
- (10) AS 7 xi 24: three sheep as the bala-fund for the governor of Pus.

Accordingly, the number of animals (22,586+) in the transfers from Aba-saga to Intaea is the largest in all of the transfers of animals from Aba-saga to the bureaus and individuals. Furthermore, the number of records (622) which indicate the transfers of animals from Aba-saga to Intaea is the largest and accounts for approximately 27% of all of the administrative documents that record the transfers (i₃-dab₅) of animals from Aba-saga during the reign of Amar-Suen (2,311).

2.2.2.1.8 Lu-diĝira-Ah

Between AS 1 viii 20 and AS 9 iv 12, Aba-saga transferred 1,720 animals to Lu-diĝira-Ah,

(AS 6 ix 21); MVN 8 69 (AS 6 ix 27); AUCT 1 584 (AS 6 ix 28); Nisaba 8 144 (AS 6 ix 30); OrSP 47-49 94 (AS 6 ix 30); StLouis 115 (AS 6 x 1); PDT 1 140 = Rochester 64 (AS 6 x 2); TCL 2 5588 (AS 6 x 4); BPOA 6 613 (AS 6 x 8); AAICAB 1/3 pl.198 Bod A 79 (AS 6 x 13); AUCT 1 776 (AS 6 x 14); AUCT 1 160 (AS 6 x 18); OrSP 47-49 97 (AS 6 x 26); MVN 13 460 (AS 6 xi 4); AUCT 1 838 (AS 6 xi 10); CTMMA 1 20 (AS 6 xi 12); AUCT 2 199 (AS 6 xi 17); AUCT 2 209 (AS 6 xi 19); AUCT 1 593 (AS 6 xi 27); PDT 2 876 (AS 6 xii 2); BPOA 6 1383 (AS 6 xii 4); PDT 2 878 (AS 6 xii 19); PDT 2 861 (AS 6 xii 20); PDT 2 863 (AS 6 xii 24); Orient 16 47 32 (AS 6 xii 26); AAICAB 1/3 pl.198 Bod A 80 (AS 6 xii 27, šu-gid₂); ASJ 7 183 TRU 397 (AS 6 X 16); ArOr 25 560 15 (AS 7 i 9); ASJ 7 175 TRU 171 (AS 7 i 13); TCL 2 5635 (AS 7 i 17); MVN 8 78 (AS 7 i 20); OrSP 47-49 101 (AS 7 i 21); ASJ 9 260 55 (AS 7 i 23); ASJ 7 175 TRU 172 (AS 7 ii 1); SACT 1 45 (AS 7 ii 2); AUCT 1 179 (AS 7 ii 3); OrSP 47-49 103 (AS 7 ii 3); TCND 163 (AS 7 ii 10); PDT 2 796 (AS 7 ii 11); OrSP 47-49 56 (AS 7 ii 18); OrSP 47-49 104 (AS 7 ii 30, sa₂-du₁₁ ku₅-ra₂); BIN 3 132 (AS 7 iii 1); Hirose 252 (AS 7 iii 2); AAICAB 1/2 pl.118 1960-721 (AS 7 iii 9); Rochester 72 (AS 7 iii 10); MVN 8 82 (AS 7 iii 18); AUCT 1 569 (AS 7 iii 19); OIP 121 336 (AS 7 iii 20); MVN 13 797 (AS 7 iii 28); BPOA 6 626 (AS 7 iii 29); PDT 1 63 (AS 7 iv 5); Nisaba 8 186 (AS 7 iv 18); TCND 165 (AS 7 iv 28); BPOA 6 664 (AS 7 v⁷ 2); AUCT 1 852 (AS 7 v 4); PDT 2 853 (AS 7 v 7); PDT 2 800 (AS 7 v 10); AUCT 1 621 = OIP 121 338 (AS 7 v 15); Hirose 254 (AS 7 v 16); PDT 2 1248 (AS 7 v 19); SAT 2 1058 (AS 7 v 20); BPOA 6 633 (AS 7 v 23); Santag 7 112 (AS 7 v 30); SACT 1 46 (AS 7 vi 5); BPOA 6 642 (AS 7 vi 17); OIP 121 339 (AS 7 vi 28); BPOA 6 615 (AS 7 vii 1); AUCT 1 834 (AS 7 vii 3); AUCT 1 684 (AS 7 vii 4); TCL 2 5625 (AS 7 vii 7); AUCT 1 775 (AS 7 vii 10); BJRL 64 112 69 (AS 7 vii 16); AUCT 1 928 (AS 7 vii 17); AUCT 1 836 (AS 7 vii 22); Nisaba 8 238 (AS 7 vii 25); JCS 52 38 29 (AS 7 vii 27); OIP 121 340 (AS 7 viii 1); SmithCS 38 21 (AS 7 viii 2); OrSP 47-49 109 (AS 7 viii 7); AAICAB 1/4 Bod S 374 (AS 7 viii 9); AUCT 1 264 (AS 7 viii 12); MVN 13 465 (AS 7 viii 14); BIN 3 137 (AS 7 viii 15); AUCT 1 596 = PDT 2 999 (AS 7 viii 16); TCND 166 (AS 7 viii 18); AUCT 1 137 (AS 7 viii 19); UCP 9-2-2 79 (AS 7 viii 22); AUCT 1 5 (AS 7 viii 28); AnOr 1 15 (AS 7 viii 30); AUCT 1 932 (AS 7 ix 24); AnOr 1 17 (AS 7 ix 25); BPOA 6 852 (AS 7 ix 26); AnOr 1 18 (AS 7 ix 28); AnOr 1 19 (AS 7 ix 28); SAT 2 1018 (AS 7 xi 9, mu ensi₂ A.HA^{ki}-še₃); PDT 2 886 (AS 7 xi 24, mu bala ensi₂ Pu-us₂^{ki}-še₃); CDLJ 2007/1 3.20 (AS 7 xii 18); MVN 13 497 (AS 7 X 3); MVN 13 503 (AS X iv 30); TIM 6 24 (AS X vii 27, šu-gid₂). For Intaea, see Chapter 2.4.

⁴⁹³ For the term kin-gi₄-a "a designation of an animal suitable for extispicy", see Heimpel 1993: 131-133.

⁴⁹⁴ The logogram A.HA is read as Tiwa/Tuba, see Steinkeller 1995: 275-281.

who dealt exclusively with wild/rare animals⁴⁹⁵. This number consists of two wild oxen, 81 Šimaškian sheep, four wild sheep, 192 Šimaškian goats, 81 wild goats, 11 “Makkan” goats, 67 equids, 136 deer, 949 gazelles, 166 bears, seven sheep hybrids and 24 goat hybrids. Among them, there were two deer and one bear designated as deliveries (mu-DU), and two gazelles designated as royal deliveries (mu-DU lugal). Furthermore, the PN Lu-diğira-Ah mostly occurs with the short form Lu₂-diğir-ra instead of the full form Lu₂-diğir-ra dumu Arad₂-hul₃-la “Lu-diğira the son of Arad-hula”, with a few exceptions⁴⁹⁶.

2.2.2.1.9 Lu-diğira-IS

Between AS 1 viii 21 and AS 5 v 13, Aba-saga transferred 4,287+ animals to Lu-diğira-IS, the official of the naGaBtum branch⁴⁹⁷. This number consists of 574 oxen, one wild ox, 2,353+ sheep

⁴⁹⁵ BPOA 6 65 (AS 1 viii 14,17,20); UDT 142 (AS 1 ix 17); MVN 8 23 (AS 1 ix 19); MVN 8 24 (AS 1 ix 24); PDT 2 1179 (AS 1 xi 2); ArOr 25 561 19 (AS 1 xi 3); PDT 2 843 (AS 1 xi 8); MVN 8 30 (AS 1 xi 21); PDT 1 663 (AS 1 x 26); AUCT 1 643 (AS 2 i 21); Santag 7 69 (AS 2 i 24); AUCT 1 404 (AS 2 ii 2); AUCT 1 883 (AS 2 ii 4); OrSP 47-49 63 (AS 2 ii 8); MVN 8 34 (AS 2 iii 4); MVN 8 35 (AS 2 iii 10); Rochester 33 (AS 2 iv 6); OIP 121 127 (AS 2 viii 20); AAICAB 1/4 TCICA 16 (AS 2 viii 21); Ontario 1 100 (AS 2 ix 16, mu-DU); Rocznik Toruniu 9 71 3 (AS 2 iv 29, mu-DU lugal); AUCT 1 808 (AS 2 xi 30); AUCT 2 182 (AS 2 xii 4); BPOA 6 604 (AS 2 xii 9); BIN 3 61 (AS 3 xii 17); BIN 3 71 (AS 4 ii 15); MVN 8 88 (AS 4 ii 20+); Santag 7 153 (AS 4 ii 25); SAT 2 811 (AS 4 iii 20); SmithCS 38 25 (AS 4 iv 25); AUCT 1 147 (AS 4 v 8); OIP 121 158 (AS 4 vi 22); AAICAB 1/3 pl.197 Bod A 76 (AS 4 vi 30); Erm 14805 (AS 4 viii 3); AUCT 2 11 (AS 4 viii 15); AUCT 1 804 (AS 4 ix 5); BIN 3 82 (AS 4 x 2); AUCT 1 185 (AS 4 x 5); HS 2306 (AS 5 i 22); OIP 121 176 (AS 5 i 30); OIP 121 177 (AS 5 ii 2); Erm 14773 (AS 5 iv 6); CST 314 (AS 5 iv 30); OIP 121 233 (AS 5 vii 3); TCND 123 (AS 5 vii 24); Ontario 1 101 (AS 5 viii 10); Erm 14584 (AS 5 viii 24); SA 40 (AS 5 viii 29); TCND 141 (AS 5 ix 3); BPOA 6 567 (AS 5 ix 15); Erm 14583 (AS 5 ix 19); BPOA 6 641 (AS 5 ix 22); SACT 1 34 (AS 5 ix 23); SAT 2 893 (AS 5 xi 9); TCND 152 (AS 5 xi 14); HS 2259 (AS 5 xi 22); Princeton 1 49 (AS 5 xii 1); AUCT 1 350 (AS 6 iii 6); AUCT 1 196 (AS 6 iii 16); AUCT 1 177 (AS 6 iii 22); SACT 1 42 (AS 6 viii 16); AUCT 1 295 (AS 6 viii 19); OIP 121 333 (AS 6 ix 1); JCS 23 114 28 (AS 6 ix 22); SAT 2 978 (AS 6 xi 3); ASJ 9 260 54 (AS 6 xi 14); AUCT 1 824 (AS 7 ii 2); TCL 2 5619 (AS 7 viii 3); JCS 35 208 6 (AS 7 viii 23); AUCT 2 5 (AS 7 xi 14); SAT 2 1057 (AS 7 xi 25); PDT 1 650 (AS 8 i 9); OIP 121 356 (AS 8 viii 15); AUCT 1 186 (AS 8 ix 9); Akkadica 114-115 97 9 (AS 8 ix 11); BCT 1 53 (AS 8 ix 18); BPOA 6 635 (AS 8 ix 20); BPOA 6 42 (AS 8 ix 24); Princeton 2 86 (AS 9 i 18); Trouvaille 39 (AS 9 ii 28); BIN 3 544 (AS 9 iii 16); PDT 2 817 (AS 9 iv 12). Lu-diğira-Ah, see Chapter 7.

⁴⁹⁶ Lu₂-diğir-ra dumu Arad₂-hul₃-la: UDT 142 (AS 1 ix 17); MVN 8 30 (AS 1 xi 21); MVN 8 35 (AS 2 iii 10); Rochester 33 (AS 2 iv 6); Rocznik Toruniu 9 71 3 (AS 2 iv 29).

⁴⁹⁷ AAICAB 1/4 TCICA 11 (AS 1 viii 11,12,14,16,[...],21); BIN 3 28 (AS 1 viii 23); MVN 8 26 (AS 1 ix 2); BPOA 6 147 (AS 1 ix 8); CST 237 (AS 1 ix 16); UDT 144 (AS 1 ix 17); SAT 2 673 (AS 1 ix 21); Kricheldorf 163 (AS 1 ix 22); ZA 93 61 no.13 (AS 1 ix 24); Rochester 27 (AS 1 ix 27); MVN 8 25 (AS 1 ix 28); Rochester 28 (AS 1 x 15); BPOA 6 637 (AS 1 x 26); AUCT 1 57 (AS 1 xi 9); Ontario 1 99 (AS 1 xi 16); Fs Hewett pl.27 CSK3 (AS 1 xi 20); BPOA 7 2716 (AS 1 xi 21); BPOA 7 2828 (AS 1 xi 26); Hirose 104 (AS 1 xii 5); OIP 121 116 (AS 1 xii 16); Rochester 30 = PDT 2 1095 (AS 1 xii 17); AAICAB 1/3 pl.199 Bod A 89 (AS 1 xii 20); Hirose 107 (AS 1 xii 22+); UDT 103 (AS 1 xii X); OIP 121 119 (AS 2 i 22); BIN 3 302 (AS 2 i 25); PDT 2 799 (AS 2 i 29); SAT 2 427 (AS 2 ii 1); MVN 8 33 (AS 2 ii 11); ASJ 9 253 34 (AS 2 ii 28); MVN 10 170 (AS 2 iii 4,7,8,10,11,14,15,19,23,26,27); KM 89159 (AS 2 iii 10, mu-DU lugal); UDT 117 (AS 2 iii 19, mu-DU lugal); NYPL 56 (AS 2 iv 2); AUCT 1 236 (AS 2 iv 9); BIN 3 38 (AS 2 iv 18, mu-DU lugal); AUCT 1 576 (AS 2 iv 24, mu-DU lugal); PDT 1 599 (AS 2 iv); AAICAB 1/4 TCICA 13 (AS 2 v 3, mu-DU lugal); BIN 3 39 (AS 2 v 7, mu-DU lugal); Rochester 34 (AS 2 v 14); BPOA 7 2844 (AS 2 vi 1); AUCT 1 936 (AS 2 vi 3, mu-DU lugal); Rochester 35 (AS 2 vi 8, mu-DU lugal); Rochester 36 (AS 2 vi 11); AUCT 1 70 (AS 2 vi 12); AUCT 1 926 (AS 2 vii 17); AUCT 1 217 (AS 2 viii 6); OIP 121 125 (AS 2 viii 9); PDT 2 1253 (AS 2 viii 15); ASJ 7 170 TRU 92 (AS 2 viii 16); MVN 8 39 (AS 2 ix 22); AAICAB 1/3 pl.196 Bod A 67 (AS 2 x 25); MVN 8 40 (AS 2 xi 3); AUCT 1 934 (AS 2 xii 10, mu-DU lugal); UDT 153 (AS 2 xii 17); Nisaba 8 203 (AS 3 i 19); BPOA 6 585 (AS 3 i 24); CST 269 (AS 3 iii 14); OIP 121 134 (AS 3 iii 15); Erm 14825 (AS 3 vi 12); CTMMA 1 15 (AS 3 vi, ga-bi ze₂-da šah₂ gu₇-de₃); TCND 98 (AS 3 vii 8); AuOr Suppl.11 21 (AS 3 viii 17); CST 280 (AS 3 ix 12); AUCT 1 847 (AS 3 x 28); PDT 2 836 (AS 3 x, sa₂-du₁₁ ku₅-ra₂-a-kam); AUCT 1 124 (AS 3 xi 4); BIN 3 69 (AS 3 xi 20); SAT 2 815 (AS 4 vi 10); BIN 3 96 (AS 4 vii 17); PDT 2 789 (AS 4 viii 1); MVN 15 315 (AS 4 viii 6); AUCT 2 171 (AS 4 ix 1); JCS 38 251 7 (AS 5 v 13); NYPL 394 (AS 5 xi 15); MVN 13 494 (AS X X 27); ASJ 7 183 TRU 401 (AS X X 29). For Lu-diğira-IS, see Chapter 3.2.1.

and 1,359 goats. Among them, there were 34 sheep and 12 goats designated with the royal deliveries (mu-DU lugal), 30 sheep and six goats deducted for the regular offerings (sa₂-du₁₁ ku₅-ra₂). Furthermore, most of the names of Lu-diĝira-IS were attested with the short form Lu₂-diĝir-ra instead of the full form Lu-diĝir-ra dumu Inim-^dŠara₂ “Lu-diĝira the son of Inim-Šara”, with a few exceptions⁴⁹⁸.

2.2.2.1.10 Lu-saga

Between AS 6 v 30 and AS 8 ix 30, Aba-saga transferred 3,090 animals to Lu-saga⁴⁹⁹. The animals consisted of 100 oxen, 2,429 sheep, 560 goats and one equid. Most of the animals are designated as the bala-funds of the provincial governors (ensi₂) as follows:

City	Governor/Date	Animal
Babylon	Aršiah (AS 7 xi 28)	2 sheep, 2 goats
Girsu	Šarakam (AS 7 ii)	24 oxen, 1,024 sheep, 244 goats, 1 equid
	Aradĝu (AS 8 vi 1 - AS 8 vii)	40 oxen, 1,454 sheep, 340 goats
Kazallu	Apilaša (AS 8 iv 2-30)	40 sheep, 2 goats
Sippar	Nur-Dagan (AS 8 v 1-27)	71 sheep, 6 goats
Umma	Ur-Lisi (AS 7 viii - AS 8 viii 24)	39 oxen, 34 sheep, 5 goats

2.2.2.1.11 Nalu

Between AS 1 viii 28 and AS 9 iv, Aba-saga transferred 18,180+ animals to Nalu⁵⁰⁰. The

⁴⁹⁸ CST 237 (AS 1 ix 16); UDT 144 (AS 1 ix 17); ZA 93 61 no.13 (AS 1 ix 24); OIP 121 116 (AS 1 xii 16); PDT 2 1253 (AS 2 viii 15); ASJ 7 170 TRU 92 (AS 2 viii 16).

⁴⁹⁹ PDT 2 884 (AS 6 v 30); BIN 3 288 (AS 6 xi 13); Prima del'alfabeto 14 (AS 7 iv 9-11); BIN 3 133 (AS 7 viii, Ur-^dLi₉-si₄ ensi₂ Umma^{ki}); Nisaba 8 119 (AS 7 xi 28, mu bala ensi₂ Babilim^{ki}-še₃); AnOr 1 16 (AS 7 xii, bala ensi₂ Ĝir₂-su^{ki}); SAT 2 1104 (AS 8 iv 2-5,7,8,22-25,28-30, bala-a ensi₂ Ka-zal-lu^{ki}); MVN 11 211 (AS 8 v 1-16,20-24,27, bala Nu-ur₂-^dDa-gan ensi₂ Zimbir^{ki}); OIP 121 349 (AS 8 vi 1, mu ensi₂ Ĝir₂-su^{ki}-še₃); AUCT 2 190 (AS 8 vii, bala Arad₂-ĝu₁₀ ensi₂ Ĝir₂-su^{ki}-ka ba-an-zi); AUCT 1 10 (AS 8 viii 24, bala ensi₂ Umma^{ki}); PPAC 4 180 (AS 8 viii [24], bala [ensi₂ Umma^{ki}]); AUCT 1 891 (AS 8 ix 30); PDT 1 205 (AS X xii, bala Arad₂-ĝu₁₀ ensi₂ Ĝir₂-su^{ki}). For Lu-saga, see Chapter 8.

⁵⁰⁰ AUCT 1 818 (AS 1 viii 28); AUCT 1 14 (AS 1 x 1, mu-DU); NABU 1994/28 (AS 1 x 9); BIN 3 30 (AS 1 x 10); PDT 2 1021 (AS 1 x 13); BIN 3 32 (AS 1 x 17); AAICAB 1/4 TCICA 12 (AS 1 x 27); AUCT 1 466 (AS 1 x 29); AUCT 1 25 (AS 1 x 30); BCT 1 41 (AS 1 xi 1); Nisaba 8 331 (AS 1 xi 4); AUCT 2 68 (AS 1 xi 10); AUCT 1 779 (AS 1 xi 22); Santag 7 179 (AS 1 xi 30); OrSP 47-49 61 (AS 1 xii 5); SAT 2 682 (AS 1 xii 20); AUCT 2 66 (AS 1 xii 22); BIN 3 304 (AS 2 i 10); OIP 121 118 (AS 2 i 11); AAICAB 1/3 pl.196 Bod A 71 (AS 2 i 13); BPOA 6 618 (AS 2 i 21); PDT 2 779 (AS 2 i 22); Rochester 31 (AS 2 i 25); BIN 3 300 (AS 2 i 29); SACT 1 9 (AS 2 ii 9); TCL 2 5620 (AS 2 ii 21); BIN 3 57 (AS 2 ii 23, mu-DU); SACT 1 53 (AS 2 iii 20, mu-DU lugal); MSR 15 (AS 2 iii 23); ASJ 7 122 5 (AS 2 iv 4); TCL 2 4683 (AS 2 iv 4,11-13,15-24,29, mu-DU lugal); SACT 1 54 (AS 2 iv 11, mu-DU lugal); UMo 71.024 (AS 2 iv 13); AUCT 2 48 (AS 2 iv 21, mu-DU lugal); AUCT 1 174 (AS 2 iv 29, mu-DU lugal); AUCT 1 639 (AS 2 v 5); OIP 121 121 (AS 2 v 26); OrSP 47-49 65 (AS 2 v 30, ša₃ Uri₅^{ki}-ma); OIP 121 123 (AS 2 vi 21, mu-DU lugal); SumRecDreh 16 (AS 2 vi 23); OrSP 47-49 66 (AS 2 vi 25, mu-DU lugal); AUCT 1 624 (AS 2 vi 28); AUCT 1 840 (AS 2 vii 6); SAT 2 710 (AS 2 vii 7, mu-DU lugal); MVN 8 36 (AS 2 vii 9); AAICAB 1/3 pl.195 Bod A 62 (AS 2 vii 15, mu-DU lugal); BIN 3 55 (AS 2 vii 18, mu-DU lugal); PDT 2 827 (AS 2 viii 9); AUCT 1 573 (AS 2 ix 24); AUCT 1 627 (AS 2 x 7); RA 76 7 1 (AS 2 x 8); Nisaba 8 App.1 (AS 2 x 24); TCL 2 5629 (AS 2 x 26); PDT 1 308 (AS 2 x, mu-DU bara₂ ME-^dIštaran); AUCT 2 53 (AS 2 xii 1); BIN 3 41 (AS 2 xii 14); BPOA 6 636 (AS 2 xii 28); ASJ 9 254 35 (AS 3 i 7); CST 264 = PDT 2 858 (AS 3 i 11); Hirose 136 (AS 3 i 15); BPOA 6 707 (AS 3 i 18); BPOA 6 689 (AS 3 i 20); AUCT 1 18 (AS 3 i 25); Ontario 1 102 (AS 3 i 30); Trouvaille 36 (AS 3 ii 13); BPOA 6 597 (AS 3 ii 17); Trouvaille 29 (AS 3 iii, sa₂-du₁₁ ku₅-ra₂ / bala Ur-^dLamma ensi₂ Ĝir₂-su^{ki}); BIN 3 64 (AS 3 iv 28); SACT 1 15 (AS 3 x 1); BPOA 6 106 (AS 3 x 8); PDT 2 794 (AS 3 x 9); TCND 99 (AS 3 x 12); AUCT 1 183 (AS 3 x 13); OIP 121 138 (AS 3 x 14); OIP 121 139 (AS 3 x 17); AUCT 1 736 (AS 3 x 26); Rochester 41 (AS 3 x

28); ASJ 9 255 39 (AS 3 xi d 21); PDT 2 894 (AS 3 xi d 27); MVN 13 446 (AS 3 xi 30); OrSP 47-49 74 (AS 3 xi d 29, sa₂-du₁₁ ku₅-ra₂); OIP 121 142 (AS 3 xii 2); Santag 7 185 (AS 3 xii 4); AUCT 1 359 (AS 3 xii 5); ASJ 7 173 TRU 148 (AS 3 xii 16); Heisserer 14 (AS 4 i 4); AUCT 1 622 (AS 4 i 7); AUCT 2 166 (AS 4 i 10+); OIP 121 151 (AS 4 i 14); Erm 14952 = TCND 100 (AS 4 i 25); SAT 2 1172 (AS 4 i 29, sa₂-du₁₁ ku₅-ra₂); Orient 16 46 27 (AS 4 ii 9); MVN 13 450 (AS 4 ii 10); ASJ 11 322 3 = Rochester 43 (AS 4 ii 19); AUCT 1 21 (AS 4 ii 29); PDT 2 787 (AS 4 ii 30, sa₂-du₁₁ ku₅-ra₂); BPOA 6 622 (AS 4 iii 17); AUCT 1 567 (AS 4 iii 20); AR RIM 4 17 (AS 4 iii 27); PDT 2 895 (AS 4 iv 1); Trouvaille 35 (AS 4 iv 6); AUCT 1 749 (AS 4 iv 8); Ontario 1 103 (AS 4 iv 9); AUCT 1 17 (AS 4 iv 14); Rochester 45 (AS 4 iv 15); AUCT 1 473 (AS 4 iv 16); BIN 3 99 (AS 4 iv 18); AUCT 1 826 (AS 4 iv 28); CDLJ 2006/2 3 (AS 4 iv 29, ša₃ Uri₅^{ki}-ma); PDT 1 655 (AS 4 v 1); BPOA 7 3011 (AS 4 v 16); Princeton 2 99 (AS 4 v 17); SAT 2 828 (AS 4 vi 12, e₂-gal Nibru^{ki}-ka gub-ba); BPOA 6 743 (AS 4 vi 16); AUCT 2 243 (AS 4 vi 17); Rochester 46 (AS 4 vi 17); AUCT 1 613 (AS 4 vi 22); OIP 121 159 (AS 4 vi 24); AUCT 2 141 (AS 4 vi 26); TCL 2 5632 (AS 4 vi 27); CST 288 (AS 4 vii 8); Nisaba 8 249 (AS 4 vii 13); AUCT 1 516 (AS 4 vii 14); AUCT 1 886 (AS 4 vii 19); AAICAB 1/3 pl.197 Bod A 78 (AS 4 vii 24); AUCT 1 839 (AS 4 vii 29); OIP 121 161 (AS 4 viii 7); CST 289 (AS 4 viii 9); Trouvaille 52 (AS 4 viii 29); BPOA 6 744 (AS 4 ix 21); AUCT 2 126 (AS 4 ix m 30); AAICAB 1/4 TCICA 20 = Santag 7 151 (AS 4 x 4); SAT 2 814 (AS 4 x 4); BIN 3 97 (AS 4 x 5); BIN 3 91 (AS 4 x 7); AR RIM 4 16 (AS 4 x 8); AUCT 2 181 (AS 4 x 9); AUCT 2 123 (AS 4 x 12); JAOS 33 170 3 (AS 4 x 13); OIP 121 166 (AS 4 x 14); OIP 121 167 (AS 4 x 15); AAICAB 1/3 pl.197 Bod A 77 (AS 4 x 17); AUCT 1 641 (AS 4 x 17, e₂-gal-la gub-ba); AUCT 1 785 (AS 4 x 20); CST 292 (AS 4 xi 6); MVN 10 233 (AS 4 xii 27); Nik 2 452 (AS 5 i 6); HS 2311 (AS 5 i 7); PDT 1 147 (AS 5 i 9); Erm 07748 (AS 5 i 13); Princeton 1 33 (AS 5 i 16); HS 2295 (AS 5 i 18); OIP 121 174 (AS 5 i 28); OIP 121 175 (AS 5 i 29); BIN 3 115 (AS 5 ii 1); CST 302 (AS 5 ii 2, šu-gid₂); CST 303 (AS 5 ii 9); Princeton 1 34 (AS 5 ii 14); OIP 121 183 = SACT 1 26 (AS 5 ii 15); OIP 121 184 (AS 5 ii 20); PDT 1 109 (AS 5 ii 23); BPOA 6 738 (AS 5 ii 29); PDT 1 62 (AS 5 ii 30); OIP 121 187 (AS 5 iii 1); PDT 1 75 (AS 5 iii 4); TCND 109 (AS 5 iii 10); SACT 1 27 (AS 5 iii 22); OIP 121 194 (AS 5 iii 25); CST 308 (AS 5 iii 27); Akkadica 134/1 2.1 (AS 5 iii 28); OIP 121 199 (AS 5 iv 1); TCND 115 (AS 5 iv 2); PDT 1 84 (AS 5 iv 6); BIN 3 111 (AS 5 iv 7); SA 12 (AS 5 iv 8); Hirose 193 (AS 5 iv 12); PDT 1 46 (AS 5 iv 19); CST 312 (AS 5 iv 25); Erm 14691 (AS 5 iv 26); Hirose 196 (AS 5 v 1); SET 17 (AS 5 v 10); TCND 119 (AS 5 v 18); MVN 13 904 (AS 5 vi 5); OIP 121 221 (AS 5 vi 10); PDT 1 4 (AS 5 vi 11); YOS 18 38 (AS 5 vi 16); Erm 07629 (AS 5 vi 19); Hirose 204 = OIP 121 226 (AS 5 vi 20); SAT 2 892 (AS 5 vi 21); CST 322 (AS 5 vi 24); BIN 3 109 (AS 5 vi 25); BPOA 6 534 (AS 5 vi 26); MVN 13 452 (AS 5 vi 27); BPOA 7 2620 (AS 5 vi 28); HS 2279 (AS 5 vi 30, ša₃ Uri₅^{ki}-ma); OIP 121 232 (AS 5 vii 1, ša₃ Uri₅^{ki}-ma); NYPL 220 (AS 5 vii 3, ša₃ Uri₅^{ki}-ma); OIP 121 234 (AS 5 vii 4, ša₃ Uri₅^{ki}-ma); Princeton 2 343 (AS 5 vii 6, ša₃ Uri₅^{ki}-ma); OIP 121 235 (AS 5 vii 7, ša₃ Uri₅^{ki}-ma); BIN 3 105 (AS 5 vii 8, ša₃ Uri₅^{ki}-ma); OIP 121 236 (AS 5 vii 10, ša₃ Uri₅^{ki}-ma); Princeton 1 35 (AS 5 vii 20); OIP 121 242 (AS 5 vii 22); BCT 1 46 (AS 5 vii 29); TCND 135 (AS 5 viii 10); Hirose 210 = OIP 121 255 (AS 5 viii 13); TCND 139 (AS 5 viii 23); OIP 121 262 (AS 5 viii 24); CST 461 (AS 5 ix 7); HS 2276 (AS 5 ix 9); OIP 121 277 (AS 5 ix 15); SA 24 (AS 5 ix 18); SACT 1 33 (AS 5 ix 21); HS 2309 (AS 5 ix 22); Erm 14578 (AS 5 ix 24); BPOA 6 532 (AS 5 ix 25); BPOA 7 3002 = OIP 121 285 (AS 5 ix 28); CST 333 (AS 5 ix 30); HS 2300 (AS 5 x 6, ša₃ Uri₅^{ki}-ma); TCND 147 (AS 5 x 8, ša₃ Uri₅^{ki}-ma); CST 334 (AS 5 x 9, ša₃ Uri₅^{ki}-ma); TRU 155 (AS 5 x 12, ša₃ Uri₅^{ki}-ma); Erm 07839 (AS 5 x 22, ša₃ Uri₅^{ki}-ma); Erm 14844 (AS 5 x 24); NYPL 195 (AS 5 xi 8); JMEOS 12 45 3505 (AS 5 xi 14); PPAC 4 98 (AS 5 xi 23); OIP 121 311 (AS 5 xi 27); JCS 38 251 8 (AS 5 xi 29); Nisaba 8 App.2 (AS 5 xii 7); OIP 121 315 (AS 5 xii 7); MVN 2 107 (AS 5 xii 12); HS 2273 (AS 5 xii 28); TCND 158 (AS 5 xii 29, ša₃ Eridu^{ki}); Santag 7 155 (AS 6 i 2, ša₃ Uri₅^{ki}-ma); BIN 3 264 (AS 6 i 4, ša₃ Uri₅^{ki}-ma); AUCT 2 76 (AS 6 i 5, ša₃ Uri₅^{ki}-ma); Princeton 2 77 (AS 6 i 9, ša₃ Uri₅^{ki}-ma); TRU 151 (AS 6 i 13, ša₃ Uri₅^{ki}-ma); Rochester 56 (AS 6 i 15); CST 342 (AS 6 i 22); AUCT 1 547 (AS 6 i 23); CDLJ 2012/1 4.10 (AS 6 i 29); PPAC 4 141 (AS 6 i 29); BPOA 6 699 (AS 6 ii 21); AUCT 1 60 (AS 6 iii 22); BPOA 6 49 (AS 6 iv 13); PDT 2 866 (AS 6 v 4); PDT 2 975 (AS 6 vi 16); PDT 1 182 (AS 6 vi 17); AUCT 1 904 (AS 6 vi 28, ša₃ Uri₅^{ki}-ma); AUCT 1 126 (AS 6 vi 29, ša₃ Uri₅^{ki}-ma); AUCT 1 367 (AS 6 vii 6, ša₃ Uri₅^{ki}-ma); MVN 8 64 (AS 6 vii 10, ša₃ Uri₅^{ki}-ma); Santag 7 118 (AS 6 vii 21); AAICAB 1/2 pl.120 1967-1493 (AS 6 vii 24); AUCT 2 226 (AS 6 vii 25); ASJ 7 173 TRU 152 (AS 6 vii 30); TRU 153 (AS 6 vii, sa₂-du₁₁ ku₅-ra₂); PDT 2 774 (AS 6 viii 13); ASJ 7 122 9 (AS 6 ix 27); AUCT 1 935 (AS 6 ix 28); AUCT 2 65 (AS 6 ix 30); AUCT 2 36 (AS 6 x 4, ša₃ Uri₅^{ki}-ma); BPOA 7 2950 (AS 6 x 5, ša₃ Uri₅^{ki}-ma); AUCT 1 635 (AS 6 x 9, ša₃ Uri₅^{ki}-ma); Rochester 65 (AS 6 x 12, ša₃ Uri₅^{ki}-ma); Erm 14848 (AS 6 x 13, ša₃ Uri₅^{ki}-ma); MVN 8 70 (AS 6 x 24); UDT 140 (AS 6 xi 3); AUCT 1 259 = BPOA 7 1945 (AS 6 xi 4); ASJ 9 260 53 (AS 6 xi 8); Rochester 66 (AS 6 xi 16); MVN 8 73 (AS 6 xi 20); AUCT 1 133 (AS 6 xi 27); AUCT 1 591 (AS 6 xii 1); AUCT 1 270 (AS 6 xii 4); OrSP 47-49 99 (AS 6 xii 7); Nisaba 8 308 (AS 6 xii 22); SAT 2 959 (AS 6 xii 23); JCS 23 114 29 (AS 6 xii 29); SmithCS 38 19 (AS 7 i 27); AUCT 1 309 (AS 7 ii 2); AUCT 1 344 (AS 7 ii 17); ArOr 25 561 18 (AS 7 ii 24); BIN 3 144 (AS 7 iii 4+); ASJ 7 173 TRU 154 (AS 7 iii 20); Fs Leichty 280 5 (AS 7 iii 23); BIN 3 146 (AS 7 iii 29); BCT 1 47 (AS 7 iv 19); CDLJ 2002/1 7 (AS 7 iv X); PDT 2 835 (AS 7 v 6); ArOr 25 559 10 (AS 7 v 23); CST 365 (AS 7 vi 16, ša₃ Uri₅^{ki}-ma); AUCT 1 930 (AS 7 vi 27, ša₃ Uri₅^{ki}-ma); SAT 2 1019 (AS 7 vii 7, ša₃ Ga-eš^{ki}); MVN 8 83 (AS 7 vii 15); BIN 3 145 (AS 7 vii 17); OrSP 47-49 107 (AS 7 vii 24); PDT 2 883 (AS 7 vii 28); AnOr 1 14 (AS 7 viii 13); NYPL 230 (AS 7 viii 24); AUCT 1 29 (AS 7 ix 21); Rochester 73 (AS 7 ix 25); AUCT 1 711 (AS 7 ix 30, ša₃ Uri₅^{ki}-ma); Akkadica 114-115 96 8 (AS 7 x 18, ša₃ Uri₅^{ki}-ma); CST 366 (AS 7 x 20, sa₂-du₁₁ ku₅-ra₂-a / ša₃ Uri₅^{ki}-ma); OIP 121 341 (AS 7 x 24); MVN 13 468 (AS 7 x 27); OMRO 68 18 9 (AS 7 x ?, ša₃ Uri₅^{ki}-ma); AUCT 2 78 (AS 7 xi 2); OIP 121 343 (AS 7 xi 12); BPOA 6 701 (AS

animals consisted of one ox, 13,872+ sheep, two wild sheep, 4,278+ goats, 18 wild goats, one Makkan-goat, seven gazelles and one goat hybrid. Among them, there were 19 sheep and two goats designated as deliveries (mu-DU), 172+ sheep and 69 goats designated as royal deliveries (mu-DU lugal), six sheep designated as deliveries for the dais of the princess ME-Ištaran (mu-DU bara₂ ME-^dIštaran), three sheep, one goat and one goat hybrid sent to the palace, five wild goats designated as the šu-gid-contingent, and 324 sheep and one goat deducted for the regular offerings (sa₂-du₁₁ ku₅-ra₂).

Furthermore, among all documents (2,313) regarding with the transfers (i₃-dab₅) of animals from Aba-saga, the number of the extant documents (374) concerning the transfers (i₃-dab₅) of animals from Aba-saga to Nalu is the second largest (behind that from Aba-saga to Nasa), and accounts for approximately sixteen percent.

Finally, the transfers of animals designated as the deliveries from Aba-saga to Nalu are entirely attested during two years, namely the first two regnal years of Amar-Suen.

2.2.2.1.12 Nur-Suen

Between AS 6 ix 1 and AS 8 xii 12, Aba-saga transferred 2,856+ animals to Nur-Suen⁵⁰¹. This number consists of 1,381+ sheep, 1,442+ goats and 33 equids. Most of sheep (835) and goats (945) belong to the Šimaškian sort. Moreover, the ġiri₃-officials, occasionally together with the overseers (ugula), were responsible for most of the transfers of animals from Aba-saga to Nur-Suen.

2.2.2.1.13 Šu-Erra

Between AS 2 iii 27 and AS 6 xi 16, Aba-saga transferred 10,709+ animals to Šu-Erra⁵⁰². This

7 xi 14); CST 369 (AS 7 xi 17); AUCT 1 851 (AS 7 xii 6); ASJ 9 261 58 (AS 7 xii 7); AR RIM 7 11 (AS 7 xii 29); PDT 2 1223 (AS 8 i 9); UDT 151 (AS 8 i 9); AUCT 1 268 (AS 8 i 10); UDT 152 (AS 8 i 12); OIP 121 344 (AS 8 ii 12); OIP 121 345 (AS 8 iv 30, sa₂-du₁₁ ku₅-ra₂); SAT 2 1097 (AS 8 v 4); AUCT 1 814 (AS 8 vi 3); AUCT 1 401 (AS 8 vi 11); BPOA 6 740 (AS 8 vi 17); AUCT 1 828 (AS 8 vi 18); TCL 2 5592 (AS 8 vi 19); OIP 121 350 (AS 8 vi 20, ša₃ Uri₅^{ki}-ma); OIP 121 351 (AS 8 vi 21, ša₃ Uri₅^{ki}-ma); PDT 1 568 (AS 8 vi 22, ša₃ Uri₅^{ki}-ma); BIN 3 181 (AS 8 vii 3, ša₃ Uri₅^{ki}-ma); PDT 1 353 (AS 8 vii 7, ša₃ Uri₅^{ki}-ma); BIN 3 177 (AS 8 vii 14); AUCT 2 269 (AS 8 vii 20); MVN 10 240 (AS 8 viii 10); Princeton 2 93 (AS 8 ix 13); Santag 7 137 (AS 8 ix 19); BIN 3 176 (AS 8 ix 20); BIN 3 186 (AS 8 ix 30); OrSP 47-49 116 (AS 8 x 9, ša₃ Uri₅^{ki}-ma); BIN 3 166 (AS 8 x 11); BIN 3 481 (AS 8 x 12, ša₃ Uri₅^{ki}-ma); BIN 3 163 (AS 8 x 16, ša₃ Uri₅^{ki}-ma); AUCT 1 614 (AS 8 x 24); Rochester 75 (AS 8 x 29); OIP 121 360 (AS 8 xi 2); CST 388 (AS 8 xi 5); CTNMC 14 (AS 8 xi 17); AUCT 1 187 (AS 8 xi 30); BPOA 6 426 (AS 8 xii 24); AUCT 2 371 (AS 8 xii 29); Trouvaille 47 (AS 9 i 4, ša₃ Ga-eš₅^{ki}); AUCT 1 646 (AS 9 i 26); Trouvaille 48 (AS 9 ii 20); OrSP 47-49 118 (AS 9 ii 22); AUCT 1 528 (AS 9 iii 6); TCL 2 5585 (AS 9 iii 17); BPOA 7 2938 (AS 9 iv); ASJ 7 173 TRU 150 (AS X i 7, ša₃ Uri₅^{ki}-ma); ASJ 9 252 32 (AS X x 4); AUCT 2 321 (AS X X 24). For Nalu, see Chapter 9.

⁵⁰¹ UDT 99 (AS 6 ix 1); BPOA 6 30 (AS 7 iii 4); BPOA 7 2629 (AS 7 iii 7); BPOA 7 2999 (AS 7 iii 17); ASJ 7 170 TRU 86 (AS 7 iv 3); BJRL 64 111 67 (AS 7 vii); Ontario 1 107 (AS 7 vii); SAT 2 1045 (AS 7 vii); TRU 87 (AS 8 v 12, šu-gid₂); Akkadica 25 8 1 (AS 8 vi); Buffalo SNS.11-2 155 19 (AS 8 viii 21,22, ix 7, x 17); BIN 3 192 (AS 8 viii 24, šu-gid₂); TCL 2 5564 (AS 8 ix 11); Princeton 2 94 (AS 8 ix 11); UDT 119 (AS 8 ix 24); BPOA 7 2931 (AS 8 xii 12, šu-gid₂). For Nur-Suen, see Chapter 10.

⁵⁰² Nisaba 8 63 (AS 2 iii 27); OIP 121 120 (AS 2 v 3, mu-DU); PDT 2 786 (AS 2 v); SAT 2 697 (AS 2 vi 5); Akkadica 114-115 98 15 (AS 2 vi 13, šu-gid₂); PDT 2 819 (AS 2 vi); UDT 130 (AS 3 v 6); BCT 1 43 (AS 3 v, niġ₂-gur₁₁ ^dšul-gi-i₃-li₂ dumu Ra-bi₂-bi₂); UDT 101 (AS 4 iv 4); PDT 2 792 (AS 4 v); Erm 14628 (AS 4 vi 11); MVN 15 299 (AS 4 vii 1); OrSP 47-49 76 (AS 4 vii 15); OIP 121 163 (AS 4 viii); SAT 2 826 (AS 4 x); AUCT 1 455 (AS 4 xii, maš₂-da-re-a sipa-e-ne); AUCT 1 832 (AS 5 iii 15); TCND 111 (AS 5 iii 16, šu-gid₂); AUCT 1 823 (AS 5 iv 21); Erm 14876 (AS 5 vi 2); OIP 121 220 (AS 5 vi 3); PDT 1 106 (AS 5 vi 6); OIP 121 222 (AS 5 vi 12); MVN 1 141 (AS 5 vi); Erm 07837 (AS 5 vii 3); Nik 2 490 (AS 5 vii 24); MVN 4 113 (AS 5 vii 27); OLP 10 112 (AS 5 viii 10);

number consists of 213 oxen, 6,575 sheep, 3,793 goats and 128+ equids. Among them, there were three oxen and 43 equids designated as the šu-gid-contingent, 63 sheep and 17 goats designated as the mašdarea-contingent of the shepherds (maš₂-da-re-a sipa-e-ne), six equids designated as deliveries (mu-DU), and four equids designated as the properties of Šulgi-ili the son of Rabibi (niĝ₂-gur₁₁ ^dŠul-gi-i₃-li₂ dumu Ra-bi₂-bi₂). Furthermore, the ĝiri₃-officials were responsible for most of the transfers of animals from Aba-saga to Šu-Erra.

2.2.2.1.14 Šu-Idim

In AS 2 i 25, Aba-saga transferred three equids Šu-Idim⁵⁰³.

2.2.2.1.15 Šu-Mama

Between AS 6 iii 1 and AS 8 xi 3, Aba-saga transferred 2,693+ animals Šu-Mama⁵⁰⁴. This number consists of 271+ oxen, one wild ox, 2,026+ sheep, 390 goats and five gazelles. Within this number, there were 57 sheep and 30 goats deducted for the regular offerings (sa₂-du₁₁ ku₅-ra₂).

2.2.2.1.16 Šulgi-a'aĝu

Between AS 1 xi 1 and AS 6 i 20, Aba-saga transferred 10,995+ animals to Šulgi-a'aĝu, the official of the naGaBtum branch⁵⁰⁵. This number consists of 1,100 oxen, six wild oxen, 6,526+

OIP 121 259 (AS 5 viii 20); OIP 121 266 (AS 5 ix 1); OIP 121 284 (AS 5 ix 24); Nik 2 512 (AS 5 x 30, šu-gid₂); OIP 121 306 = CST 465 (AS 5 xi 7, šu-gid₂); Erm 14885 (AS 5 xi 26, šu-gid₂); SET 21 (AS 5 xii 13, šu-gid₂); OIP 121 319 (AS 5 xii 20, šu-gid₂); Erm 14695 (AS 5 xi 26, šu-gid₂); Nik 2 505 (AS 5 xii, maš₂-da-re-a sipa-e-ne); Rocznik Toruniu 9 73 5 (AS 5 X 13); AUCT 2 411 (AS 6 v 13, šu-gid₂); ArOr 25 558 8 (AS 6 ix 23, šu-gid₂); Santag 7 169 (AS 6 xi 16, šu-gid₂). For Šu-Erra, see Chapter 11. For the term maš₂-da-re-a, see Selz 1995a.

⁵⁰³ Rochester 32 (AS 2 i 25). For Šu-Idim, see Chapter 12. Note that one text OIP 121 115 (AS 1 ix 17) records an uncertain personal name Šu-IDIM who took from Aba-saga 35 sheep and 295 goats in charge. The text is the only one text that records the animals in the transaction related to Šu-IDIM are not equids. Furthermore, in the text OIP 121 115, although the sign ŠU is almost damaged, it is impossible that the name is not read as Šu-IDIM. However, it is unclear why the person also dealt with animals that are not equids.

⁵⁰⁴ AUCT 1 234 (AS 6 iii 1); BPOA 6 180 (AS 6 iii 2); AUCT 1 523 (AS 6 iii 22); AUCT 2 212 (AS 6 iii 29); PDT 1 652 (AS 6 iv 6); BIN 3 278 (AS 6 iv 11); ASJ 7 169 TRU 73 (AS 6 iv 16); SAT 2 909 (AS 6 v 2); OrSP 47-49 89 (AS 6 v 13); OrSP 47-49 89a (AS 6 v 19); PDT 1 202 (AS 6 v 22); AUCT 1 246 (AS 6 vi 2); BIN 3 285 (AS 6 vi 13); ASJ 9 259 51 (AS 6 viii 8); AUCT 2 257 (AS 6 viii 16); AUCT 1 816 (AS 6 ix 13); MVN 8 67 (AS 6 ix 20); ASJ 7 169 TRU 74 (AS 6 ix 21); BPOA 6 586 (AS 6 ix 25); AUCT 1 253 (AS 6 ix 30); BIN 3 276 (AS 6 x 22); PDT 2 839 (AS 6 xi 3); BIN 3 292 (AS 6 xi 5); PDT 2 880 (AS 6 xi 9); ASJ 7 169 TRU 75 (AS 6 xi 12); BPOA 6 603 (AS 6 xi 18); DoCu 249 (AS 6 xii 2); Santag 7 174 (AS 6 xii 5); AUCT 1 924 (AS 6 xii 18); SmithCS 38 6 (AS 6 xii 24); BPOA 6 616 (AS 6 xii 29); Nik 2 514 (AS 7 i 7); PDT 2 844 (AS 7 i 11); SAT 2 1040 (AS 7 i 16); TCL 2 5621 (AS 7 i 22); MVN 2 302 (AS 7 i 27); AUCT 1 623 (AS 7 ii 1); MVN 8 79 (AS 7 ii 24); JCS 39 120 1 (AS 7 ii 25); MVN 8 81 (AS 7 ii 30, sa₂-du₁₁ ku₅-ra₂); Ontario 1 109 (AS 7 iii 2); BPOA 6 718 (AS 7 iii 4); Erm 07866 (AS 7 iii 29, sa₂-du₁₁ ku₅-ra₂); PPAC 4 43 (AS 7 iv 16); Erm 07849 (AS 7 iv 18); Princeton 2 88 (AS 7 iv 23); PDT 1 178 (AS 7 v 9); BPOA 6 706 (AS 7 vi 13); BPOA 6 619 (AS 7 xi 29, sa₂-du₁₁ ku₅-ra₂); BIN 3 147 (AS 7 vii 24); Erm 14860 (AS 7 viii 6); TCL 2 5561 (AS 7 viii 27); BPOA 6 704 (AS 7 xii 30, sa₂-du₁₁ ku₅-ra₂); TCL 2 5590 (AS 7 viii 30); AAICAB 1/3 pl.198 Bod A 85 (AS 7 ix 17); TIM 6 22 (AS 7 ix 18); AUCT 1 31 (AS 7 ix 20); ASJ 9 261 57 (AS 7 xi 2); AUCT 1 313 (AS 7 xii 3+); BPOA 7 2990 (AS 8 i 28); PDT 2 1208 (AS 8 iii 29). For Šu-Mama, see Chapter 3.1.3.

⁵⁰⁵ AUCT 1 468 (AS 1 xi 1); BCT 1 42 (AS 1 xi 8); AUCT 1 784 (AS 1 xi 9); JCS 52 36 14 (AS 1 xi 11); SA 27 (AS 1 xi 15); MVN 20 171 (AS 1 xi 26); CST 245 (AS 1 xii 2); JANES 21 77 10 = TCND 89 (AS 1 xii 4); AUCT 1 577 (AS 1 xii 9); Hirose 105 (AS 1 xii 16); Hirose 106 (AS 1 xii 17); CAB.G.3.138-5 (AS 2 i 21); Nisaba 8 177 (AS 2 i 22); UDT 135 (AS 2 i 28); ASJ 7 170 TRU 96 (AS 2 ii 11); Hirose 109 (AS 2 iii 4); AUCT 1 571 (AS 2 iii 6); TCL 2 5546 (AS 2 iii 8); BPOA 6 703 (AS 2 iii 10); TRU 98 (AS 2 iii 11, mu-DU lugal); BPOA 6 620 (AS 2 iii 15); AUCT 1 620 (AS 2 iii 19, mu-DU lugal); AUCT 1 530 (AS 2 iii 27); SACT 1 12 (AS 2 iv 2); PDT 2 1125 (AS 2 iv 16, mu-DU lugal); ASJ 7 171 TRU 99 (AS 2 iv 17, mu-DU lugal); TCND 167 (AS 2 iv 19); JANES 21 78 11 (AS 2 iv X, mu-DU lugal); AAICAB 1/4 TCICA 14 (AS 2 v 3, mu-DU lugal); Hirose 115 = Santag 7 157 = AAICAB 1/4 TCICA 15 (AS 2 v 22, mu-DU); PDT 2 871 (AS 2 v 24, mu-DU lugal); OIP 121 122 (AS 2 vi 3); BIN

sheep, 3,362 goats and one goat hybrid. Among this number, 33 sheep and 18 goats were designated as deliveries (mu-DU) or as royal deliveries (mu-DU lugal). Moreover, there were five sheep sent to the palace (e₂-gal-la gub-ba).

2.2.2.1.17 Tah(i)š-atal

Between AS 6 v 19 and AS 9 iv 29, Aba-saga transferred 397 animals to Tah(i)š-atal⁵⁰⁶, which consisted of 12 oxen, 227 sheep, 137 goats, one sheep hybrid and 20 goat hybrids.

3 59 (AS 2 vii 21); AUCT 1 854 (AS 2 vii 27); SACT 1 13 (AS 2 viii 9); MVN 15 370 (AS 2 viii 10); AUCT 1 835 (AS 2 viii 11); BIN 3 51 (AS 2 viii 12); BPOA 6 598 = OIP 121 126 (AS 2 viii 19); PDT 2 856 (AS 2 ix 2); OIP 121 128 (AS 2 ix 10); OrSP 47-49 69 (AS 2 ix 21); AUCT 1 619 (AS 2 ix 22); RA 75 86 4 (AS 2 x 13); TCL 2 5642 (AS 2 x 15); Nisaba 8 304 (AS 2 x 24, mu-DU); AUCT 1 807 (AS 2 x 27); Hirose 130 (AS 2 xi 15); BPOA 7 2726 = TCND 95 (AS 2 xi 18); OIP 121 131 (AS 2 xi 30); Hirose 133 (AS 2 xii 12); AAICAB 1/4 TCICA 32 = Santag 7 177 (AS 2 xii 17); SAT 2 767 (AS 3 i 3); ASJ 9 254 36 (AS 3 i 13+); TCND 97 (AS 3 i 15); Orient 16 46 25 (AS 3 i 25); AUCT 1 714 (AS 3 iii 10); PDT 2 881 (AS 3 iii 15); Erm 14802 (AS 3 iii 28); SA 1d (AS 3 v 24); Nisaba 8 214 (AS 3 ix 1); AUCT 1 23 (AS 3 ix 8); OIP 121 137 (AS 3 x 6); Akkadica 114-115 95 2 (AS 3 x 27); PDT 1 150 (AS 3 xi d 29, sa₂-du₁₁ ku₅-ra₂); ASJ 7 171 TRU 101 (AS 3 xii 5); AUCT 1 809 = PDT 2 1262 (AS 4 i 25); JCS 40 109 3 (AS 4 ii 7); PPAC 4 13 (AS 4 iii 2); PDT 2 1084 (AS 4 iii 14); Syracuse 342 (AS 4 iii 14); Rochester 44 (AS 4 iii 24); ASJ 7 171 TRU 102 (AS 4 iii 30); BPOA 6 867 (AS 4 iv 11); Nisaba 8 303 (AS 4 iv 24); BIN 3 94 = PPAC 4 15 (AS 4 iv 25); Hirose 154 (AS 4 iv 30); Zagreb 538 (AS 4 v 3); SACT 1 18 (AS 4 v 7); JCS 39 120 3 (AS 4 v 9); Artemission 22.19449 (AS 4 v 17); Nisaba 8 302 (AS 4 v 22); OIP 121 154 (AS 4 v 27); PDT 2 1138 (AS 4 vi 1); BPOA 6 632 (AS 4 vi 7); PDT 2 1098 (AS 4 vi 9); PPAC 4 17 (AS 4 vi 22); ArOr 68 599 4 (AS 4 vii 24); AUCT 2 90 (AS 4 viii 2, e₂-gal-la gub-ba); Ontario 1 110 (AS 4 viii 3); BIN 3 100 = SAT 2 793 (AS 4 viii 5); Trouvaille 49 (AS 4 viii 6); MVN 2 305 (AS 4 viii 14); AnOr 1 13 (AS 4 viii 17); AUCT 1 62 (AS 4 viii 18); BPOA 6 155 = BPOA 7 2982 (AS 4 viii 24); TCL 2 5616 (AS 4 ix m 19); AUCT 1 725 (AS 4 ix 21); PDT 1 190 (AS 4 ix 21, kaš-de₂-a Be-li₂-a-ri₂-ik); PDT 1 675 (AS 4 ix 25); CDLJ 2002/1 no.5 (AS 4 ix m 25); Rochester 49 (AS 4 ix 26); Nisaba 8 211 (AS 4 ix 28); UCP 9-2-2 78 (AS 4 ix 29); PDT 2 1289 (AS 4 x 1); BPOA 6 629 (AS 4 x 5); BPOA 7 2673 (AS 4 x 13); AUCT 2 187 (AS 4 x 19); Hirose 173 (AS 4 xi 17); PPAC 4 19 (AS 4 xii 18); PPAC 4 22 = TCND 104 (AS 5 i 11); CST 297 (AS 5 i 16); OIP 121 173 (AS 5 i 22); Princeton 1 23 (AS 5 i 23); ASJ 8 307 2 = BIN 3 113 (AS 5 ii 1); OIP 121 178 (AS 5 ii 3); OIP 121 179 (AS 5 ii 6); OIP 121 180 (AS 5 ii 7); PDT 1 110 (AS 5 ii 10); BPOA 6 721 (AS 5 ii 18); PDT 1 2 (AS 5 ii 23); Hirose 188 (AS 5 ii 30); NYPL 199 (AS 5 iii 2); PDT 1 148 (AS 5 iii 5); JCS 40 112 2 (AS 5 iii 18); OIP 121 197 (AS 5 iii 29, gu₄ Wa-ta₂-ru-um saĝĝa / ki-ba ĝa₂-ĝa₂-dam); Erm 14565 (AS 5 iv 4); MVN 13 455 = Princeton 1 21 (AS 5 iv 8); Nisaba 8 175 = UCP 9-2-2 44 (AS 5 iv 12); OIP 121 207 (AS 5 iv 18); OIP 121 204 (AS 5 iv 22); JEOL 26 51 11 (AS 5 iv 30); DoCu 262 (AS 5 v 1); OIP 121 209 (AS 5 v 2); OIP 121 212 (AS 5 v 8); PDT 1 123 = SACT 1 31 (AS 5 v 14); TCND 124 (AS 5 v 24); MVN 9 210 (AS 5 v 25); OIP 121 217 (AS 5 v 30); CST 319 (AS 5 vi 3); CST 321 (AS 5 vi 24); OIP 121 240 (AS 5 vii 16); MVN 20 179 (AS 5 vii 23); SmithCS 38 18 (AS 5 vii 24); OIP 121 246 (AS 5 vii 29); MVN 15 347 (AS 5 viii 12); TCND 136 (AS 5 viii 13); TCND 137 (AS 5 viii 14); JCS 23 114 26 (AS 5 viii 17); BPOA 6 623 (AS 5 viii 20); Erm 07835 (AS 5 viii 24); HS 2260 (AS 5 viii 28); HS 2275 (AS 5 viii 30); TCND 140 (AS 5 ix 1); OIP 121 268 (AS 5 ix 3); OIP 121 272 (AS 5 ix 11); HS 2299 (AS 5 ix 15); OIP 121 279 (AS 5 ix 19); Erm 14577 = Erm 14780 (AS 5 ix 21); AAICAB 1/4 Bod S 372 (AS 5 x 10); Hirose 213 (AS 5 xi 3); OIP 121 305 (AS 5 xi 5); Malter 2000d (AS 5 xi 7); SACT 1 35 (AS 5 xi 11); TCND 151 (AS 5 xi 13); PDT 1 116 (AS 5 xi 15); SACT 1 36 (AS 5 xi 21); OIP 121 309 (AS 5 xi 22, kaš-de₂-a Še-lu-uš-^dDa-gan ki-ba ĝa₂-ĝa₂); CST 458 (AS 5 xi 29); OIP 121 314 = SA 23 (AS 5 xii 4); TCND 155 (AS 5 xii 13); OIP 121 322 (AS 5 xii 22); Heisserer 9 (AS 5 xii 28); TRU 103 (AS 6 i 20); AAICAB 1/1 Ashm.1910-749 = SAT 2 1173 (AS 8 viii, ix, AS 9 i). For Šulgi-a'āgu, see Chapter 3.1.2.

⁵⁰⁶ Hirose 156 (AS 4 v 26); TCND 159 (AS 6 v 19); AUCT 1 821 (AS 6 vi 1); OrSP 47-49 90 (AS 6 vi 9); ASJ 7 169 TRU 72 (AS 6 vii 3); SAT 2 910 (AS 6 viii 12); OrSP 47-49 92 (AS 6 viii 13); BPOA 6 624 (AS 6 ix 9); Iraq 41 125 4 (AS 6 ix 25); Trouvaille 38 (AS 6 x 13); AUCT 2 189 (AS 6 x 17); PDT 1 357 (AS 6 x 21); SmithCS 38 5 (AS 6 xi 3); MVN 8 74 (AS 6 xi 24); USC 6637 (AS 6 xii 24); MVN 8 75 (AS 6 xii 25); Tavollette 340 (AS 6 X 20); TCL 2 5627 (AS 7 ii 16); Erm 14864 (AS 7 iv 18); BIN 3 141 (AS 7 v 4); SAT 2 1060 (AS 7 v 9); MVN 4 114 (AS 7 vii 8+); Princeton 2 205 (AS 7 viii 26); CTMMA 1 26 = SACT 1 48 (AS 7 xi 1); CST 368 (AS 7 xi 15); JCS 31 134 3 (AS 7 xi 28); SAT 2 1084 (AS 8 v 24); CST 380 (AS 8 v 27); PDT 1 632 (AS 8 v 28); AUCT 1 830 (AS 8 vii 19); AUCT 1 929 (AS 8 vii 23); PDT 2 1338 (AS 8 vii 26); OrSP 47-49 114 (AS 8 viii 18); BIN 3 167 (AS 8 viii 20); AUCT 1 389 (AS 8 viii 26); AUCT 1 248 (AS 8 ix 1); BIN 3 171 (AS 8 ix 2); AUCT 1 173 (AS 8 ix 9); PDT 1 210 (AS 8 ix 11); PDT 1 660 (AS 8 ix 19); BPOA 7 2910 (AS 8 ix 24); AUCT 1 629 (AS 8 x 16); TIM 6 21 (AS 8 x 17); BIN 3 191 (AS 8 x 20); PPAC 4 181 (AS 8 x 29); AUCT 1 194 (AS 8 xi 12); AUCT 1 919 (AS 8 xi 14); BIN 3 189 (AS 8 xi 17); AUCT 1 195 (AS 8 xi 19); JCS 52 39 33 (AS 9 i 1); TCL 2 5607 (AS 9 ii 13); PDT 2 780 (AS 9 iii X); BIN 3 202 (AS 9 iv 15); ASJ 9 263 62 (AS 9 iv 22); PDT 2 818 (AS 9 iv 29). There are two spellings for this name: Ta₂-hi-iš-a-tal and Tah-ša-tal. For Tah(i)š-atal, see Chapter 4.3.

2.2.2.1.18 Turam-Dagan

Between AS 5 i and AS 6 v 2, Aba-saga transferred 235 animals to Turam-Dagan⁵⁰⁷, which consisted of four oxen, 92 sheep, 72 goats, 28 wild goats, five gazelles, 32 sheep hybrids and two goat hybrids. Among them, there were 30 sheep designated as deliveries (mu-DU), and 20 wild goats sent to the palace (e₂-gal-la gub-ba).

2.2.2.1.19 Ur-kununa

Between AS 2 vii 14 and AS 7 xi 9, Aba-saga transferred 3,247+ animals to Ur-kununa⁵⁰⁸, which consisted of 13 oxen, 2,240+ sheep and 994+ goats. Most of the animals are designated as deliveries (mu-DU) or as royal deliveries (mu-DU lugal).

2.2.2.1.20 Ur-šugalamma

Between AS 2 i 10 and AS 9 iii 13, Aba-saga transferred 867 oxen to Ur-šugalamma, who dealt exclusively with oxen⁵⁰⁹.

2.2.2.1.21 Ur-tur

Between AS 1 x 10 and AS 8 xi 30, Aba-saga transferred 200+ oxen to Ur-tur, who dealt almost exclusively with oxen⁵¹⁰.

2.2.2.1.22 Uta-mišaram

Between AS 5 ii 7 and AS 9 iii 24, Aba-saga transferred 955+ animals to Uta-mišaram⁵¹¹,

⁵⁰⁷ PPAC 4 24 (AS 5 i, e₂-gal-la gub-ba); MVN 15 348 (AS 5 iii 1); BPOA 7 2645 (AS 5 iii 2, mu-DU); OIP 121 195 (AS 5 iii 25); Princeton 1 38 (AS 5 iii 26); SAT 2 891 (AS 5 iv 6); USC 6795 (AS 5 iv 24); ANM 3742 (AS 5 iv 29); ASJ 7 168 TRU 47 (AS 5 v 4); OIP 121 211 (AS 5 v 7); OIP 121 216 = PDT 1 122 (AS 5 v 29); PDT 2 1107 (AS 5 v X); Erm 07841 (AS 5 vii 19); HS 2307 (AS 5 viii 23); PDT 1 51 (AS 5 ix 26); OIP 121 307 (AS 5 xi 8); Erm 07749 (AS 5 xii 7); Rochester 57 (AS 6 ii 8); ASJ 7 168 TRU 52 = Erm 14859 (AS 6 ii 21); AUCT 1 58 (AS 6 iii 5); PDT 1 188 (AS 6 iii 25); BIN 3 286 = BPOA 7 2827 (AS 6 iii 27); AUCT 2 85 (AS 6 iv 18); MVN 8 59 (AS 6 iv 28); JANES 9 21 4 = OIP 121 328 (AS 6 iv 30); MVN 15 166 (AS 6 v 2); Princeton 1 39 (AS 6 X 12). For Turam-Dagan, see Chapter 4.2.

⁵⁰⁸ BPOA 7 2912 (AS 2 vii 14, mu-DU); BIN 3 44 (AS 2 xi 1-24,26-28,30, mu-DU lugal); UDT 98 (AS 3 ii 1-26,28,29, mu-DU); SAT 2 754 (AS 3 v 1,2,4-9,11-15,17,18,20-25,28-30, mu-DU); TCL 2 5523 (AS 3 vii 1,2,4-14,20-29, mu-DU); PDT 1 658 (AS 7 viii 24); OIP 121 342 (AS 7 xi 9). For Ur-kununa, see Chapter 13.

⁵⁰⁹ OIP 121 117 (AS 2 i 10); Hirose 124 (AS 2 x 10); OrSP 47-49 73 (AS 3 x 19); TRU 46 (AS 3 x 22); Akkadica 114-115 95 1 (AS 3 x 23); AUCT 2 132 (AS 4 i 10+); Hirose 148 (AS 4 i 11); TCL 2 5603 (AS 4 i 15); Nisaba 8 367 (AS 4 vii 9); BPOA 6 630 (AS 4 x 13); MVN 8 53 (AS 4 x 16); Nisaba 8 126 (AS 5 vii 3); NYPL 166 (AS 5 x 10); PPAC 4 30 (AS 5 x 18); OIP 121 296 (AS 5 x 21); AAICAB 1/4 TCICA 21 = Santag 7 143 (AS 6 i 4); PDT 2 784 (AS 6 i 7); AUCT 1 601 (AS 6 i 8); BPOA 6 617 (AS 6 vii 3); Nisaba 8 125 (AS 6 xi 13); AUCT 1 347 (AS 7 vii 1); BPOA 6 697 (AS 7 ix 20); JSOR 13 180 51 (AS 7 ix 21); SumRecDreh 2 (AS 8 ix 21); TCL 2 5624 (AS 9 iii 5); PDT 2 855 (AS 9 iii 13). For Ur-šugalamma, see Chapter 15.

⁵¹⁰ Akkadica 114-115 96 5 (AS 4 viii 17); OIP 121 270 (AS 5 ix 9); JEOL 26 49 2 = Nisaba 8 95 (AS 5 ix 14); PDT 1 53 (AS 5 xi 5); BPOA 7 2512 (AS 6 viii 16); PDT 2 790 (AS 6 xi 16); Rochester 67 = SACT 1 43 (AS 6 xi 19); NYPL 7 (AS 7 iii 7); NYPL 208 (AS 7 vii 22); Princeton 1 50 (AS 8 v 8); OIP 121 355 (AS 8 vii 27); AUCT 2 229 (AS 8 ix 19); PDT 2 826 (AS 8 ix 20); Princeton 2 358 (AS 8 ix 24); BPOA 7 2502 (AS 8 xi 1); AUCT 1 118 (AS 8 xi 29, šu-gi₂); Akkadica 114-115 62 5bis (AS 8 xi 30). For Ur-tur, see Chapter 15. Note that one text, PDT 1 637 dating between Š 46 and AS 1, records that 33 sheep/goats designated as the surplus (la₂-ia₃) were transferred (i₃-dab₅) from Aba-saga to Ur-tur at AS 1. But this text PDT 1 637 is not added to this research.

⁵¹¹ PDT 1 130 (AS 5 ii 7, e₂ PU₃.ŠA-iš-^dDa-gan gub-ba); Hirose 182 (AS 5 ii 17); JCS 23 113 24 (AS 5 iii 2, mu-DU); TCND 113 (AS 5 iii 24); OIP 121 193 (AS 5 iii 25); Erm 14867 (AS 5 iv 2); NYPL 126 (AS 5 iv 11); CDLJ 2008/2 7 (AS 5 iv 18); CST 311 (AS 5 iv 22); SA 14 (AS 5 iv 25); Princeton 1 47 (AS 5 v 13); TCND 118 (AS 5 v 14); TCND 125 (AS 5 v 26); CST 318 (AS 5 v 29); Hirose 207 (AS 5 vii 7); Nisaba 8 179 = SA 25 (AS 5 vii 24); TCND 134 (AS 5 viii 9); OIP 121 260 (AS 5 viii 22); Erm 14865 (AS 5 ix 15); PPAC 4 95 (AS 5 ix 19, ša₃ mu-DU Še-lu-uš-^dDa-gan); BIN 3 606 (AS 5 ix 25); Nisaba 8 127 (AS 5 ix 26); Princeton 2 19 (AS 5 ix X); JCS 52 38 25

which consisted of 28 oxen, 617+ sheep, one wild sheep, 453+ goats, two wild goats, six Makkan-goats, seven gazelles and one goat hybrid. It is important to note that one of two personal names of the ġiri₃-officials, either Dan-Šulgi or Šulgi-mišar, was occasionally responsible for the transfers of animals from Aba-saga to Uta-mišaram.

2.2.2.1.23 Zubaga

Between AS 8 v 14 and AS 9 v 28, Aba-saga transferred 1,414 animals to Zubaga⁵¹², which consisted of 256 oxen, 986 sheep and 172 goats.

2.2.2.1.24 Brief summary

The total number of animals, which were transferred from Aba-saga to the above-mentioned bureaus, is approximately 100,000. These animals are specified in lists given below (see Table 2.7):

(AS 5 x 6); USC 6621 (AS 5 x 14); NYPL 334 (AS 5 x 29); MVN 15 305 (AS 5 xi 3); PPAC 4 97 (AS 5 xi 6); OIP 121 321 (AS 5 xii 22); MVN 8 56 = Erm 14995:i 1-3 (AS 6 i 11); Erm 14995:i 4-5 (AS 6 i 22); Erm 14995:i 6-7 (AS 6 i 25); Erm 14995:i 10-11 (AS 6 ii 7); PDT 2 873 = Erm 14995:i 12-13 (AS 6 ii 15); BPOA 6 587 = Erm 14995:i 16-17 (AS 6 iii 10); Erm 14995:i 18-19 (AS 6 iii 12); Erm 14995:i 20-22 (AS 6 iii 14); Erm 14995:i 23-24 (AS 6 iii 22); PDT 1 651 = Erm 14995:i 26-27 (AS 6 iii 24); Erm 14995:i 28-30 (AS 6 iii 25); AUCT 1 612 = Erm 14995:i 31-32 (AS 6 iii 27); Erm 14995:i 33-ii 4 (AS iii 29); Erm 14995:ii 7-10 (AS 6 iv 3³); PDT 2 841 = Erm 14995:ii 11-12 (AS 6 iv 22); Erm 14995:ii 13-14 (AS 6 iv 24); Nisaba 8 209 = Erm 14995:ii 15-17 (AS 6 iv 26); Erm 14995:ii 18-19 (AS 6 iv 28); Erm 14995:ii 20-21 (AS 6 iv 30); Erm 14995:ii 24-29 (AS 6 v 2); Erm 14995:ii 30-31 (AS 6 v 13); CST 347 = Erm 14995:ii 32-iii 3 (AS 6 v 14); Erm 14995:iii 4-5 (AS 6 v 17); Erm 14995:iii 6-7 (AS 6 v 26³); Erm 14995:iii 10-12 (AS 6 vi 1); AUCT 1 68 = Erm 14995:iii 13-14 (AS 6 vi 2); SACT 1 39 = Erm 14995:iii 15-16 (AS 6 vi 6); SAT 2 912 = Erm 14995:iii 17-25 (AS 6 vi 8); Erm 14995:iii 26-27 (AS 6 vi 9); Princeton 1 42 = Erm 14995:iii 28-29 (AS 6 vi 11); PDT 2 888 = Erm 14995:iii 30 (AS 6 vi 12); TCL 2 5615 = Erm 14995:iii 31-33 (AS 6 vi 13); BIN 3 282 = Erm 14995:iv 1-2 (AS 6 vi 20); MVN 8 62 = Erm 14995:iv 3-4 (AS 6 vi 23); AUCT 2 148 = Erm 14995:iv 5-7 (AS 6 vi 24); BIN 3 398 = Erm 14995:iv 8-10 (AS 6 vi 27); PDT 1 630 = Erm 14995:iv 13-14 (AS 6 vii 3); PDT 2 791 = Erm 14995:iv 15-16 (AS 6 vii 9); Erm 14995:iv 17-18 (AS 6 vii 26); Erm 14995:iv 21-23 (AS 6 viii 4); Erm 14995:iv 24-25 (AS 6 viii 9); Erm 14995:iv 26-27 = BIN 3 298 (AS 6 viii 13); BIN 3 297 = Erm 14995:iv 28-30 (AS 6 viii 16); Erm 14995:iv 31 (AS 6 viii X); OIP 121 334 = Erm 14995:v 3-4 (AS 6 ix 1); Erm 14995:v 5-6 (AS 6 ix 8); Erm 14995:v 7-8 (AS 6 ix 9); Trouvaille 34 = Erm 14995:v 9-12 (AS 6 ix 20); Erm 14995:v 13-14 (AS 6 ix 25); Erm 14995:v 15-16 (AS 6 ix 26); Erm 14995:v 17-18 (AS 6 ix 27); PDT 2 848 = Erm 14995:v 19-21 (AS 6 ix 29); OrSP 47-49 96 = Erm 14995:rev X (AS 6 x 3); Erm 14995:v 24-rev i 2' (AS 6 x X); Erm 14995:rev i 3'-6' (AS 6 x 10); Erm 14995:rev i 7'-9' (AS 6 x 11); Erm 14995:rev i 10'-11' (AS 6 x 13); BIN 3 289 = Erm 14995:rev i 12' (AS 6 x 17); Erm 14995:rev i 13'-15' (AS 6 x 21); SAT 2 911 = Erm 14995:rev i 16' (AS 6 x 24); Erm 14995:rev i 19'-21' (AS 6 xi 1); Erm 14995:rev i 22'-25' (AS 6 xi 3); Erm 14995:rev i 26'-27' (AS 6 xi 5); Erm 14995:rev i 28'-ii 3 (AS 6 xi X); MVN 8 72 = Erm 14995:rev ii 4-5 (AS 6 xi 13); Erm 14995:rev ii 6-7 (AS 6 xi 20); AUCT 1 554 = Erm 14995:rev ii 8-9 (AS 6 xi 24); Erm 14995:rev ii 10-11 (AS 6 xi 27); AUCT 1 790 = Erm 14995:rev ii 14-16 (AS 6 xii 2); Erm 14995:rev ii 17 (AS 6 xii 7); TCND 161 = Erm 14995:rev ii 18-19 (AS 6 xii 9); Erm 14995:rev ii 20 (AS 6 xii 10); Erm 14995:rev ii 21 (AS 6 xii 17); BIN 3 291 = Erm 14995:rev ii 22-24 (AS 6 xii 21); AR RIM 8 55 7 (AS 7 i 13); CST 356 (AS 7 ii 24); AUCT 1 578 (AS 7 iii 7); AUCT 1 477 (AS 7 iii 19); PDT 2 793 (AS 7 v 29); BIN 3 140 (AS 7 vii 26); AUCT 1 605 (AS 7 viii 13); Santag 7 162 (AS 7 viii 26); PDT 2 854 (AS 7 ix 10); Santag 7 131 (AS 7 x 10+); KM 89322 (AS 7 xi 7); BPOA 6 605 (AS 8 i 2); AUCT 2 220 (AS 8 i 10); ASJ 7 170 TRU 83 (AS 8 v 12); AUCT 1 250 (AS 8 vi 8); BIN 3 193 (AS 8 vii 19); OIP 121 354 (AS 8 vii 23); AUCT 1 197 (AS 8 vii 26); AUCT 1 471 (AS 8 viii 13); AUCT 1 150 (AS 8 viii 26); KM 89133 (AS 8 ix 12); TRU 84 (AS 8 ix 19); PDT 1 500 (AS 8 ix 20,23); BPOA 6 590 (AS 8 ix 20); AUCT 1 301 = StOr 9-1 26 (pl.8) (AS 8 ix 24); OIP 121 358 (AS 8 ix 25); MVN 10 209 (AS 8 ix 26); BPOA 6 516 (AS 8 x 16); AUCT 2 169 (AS 8 xi 1); MVN 13 469 (AS 8 xi 6,11,12,17,22,24,28); ASJ 7 170 TRU 82 (AS 8 xii 7); MVN 10 206 (AS 8 xii 13); BIN 3 194 (AS 8 xii 14); AUCT 1 610 (AS 8 xii 19); AUCT 1 786 (AS 8 xii 28); PDT 2 892 (AS 9 i 2+); AUCT 2 197 (AS 9 iii 20); MVN 15 32 (AS 9 iii 24); OIP 121 363 (AS X X 20). For Uta-mišaram, see Chapter 4.1.

⁵¹² AUCT 1 100 (AS 8 v 14); Nisaba 8 114 (AS 8 v 17); MVN 8 86 (AS 8 vi 10); JCS 23 114 30 (AS 8 vi 30); AUCT 1 138 (AS 8 viii 15); BIN 3 196 (AS 8 viii 19); Orient 16 49 34 (AS 8 viii 20); ASJ 7 168 TRU 44 (AS 8 viii 28); AUCT 2 156 (AS 8 ix 18); AUCT 1 680 (AS 8 ix 20); Syracuse 337 (AS 8 ix 27); AUCT 1 266 (AS 8 ix 30); AUCT 1 129 (AS 8 x 26); OrSP 47-49 117 (AS 8 xi 19); AUCT 1 97 (AS 8 xii 30, sa₂-du₁₁ ku₃-ra₂); ASJ 9 262 59 (AS 9 ii 21); PDT 2 829 (AS 9 iii 2); Trouvaille 33 (AS 9 iii 19); ASJ 9 262 60 (AS 9 iii 20); ASJ 9 262 61 (AS 9 iii 29); MVN 10 171 (AS 9 v 2); Ontario 1 114 (AS X viii 16). For Zubaga, see Chapter 3.1.4.

Table 2.7 Statistics of the number of animals transferred from Aba-saga to subordinate bureaus

Transferor	Ox	Sheep	Goat	Wild/Rare	Subtotal
Ahuni	52	228	406	0	686
Ahu-Wer	718+	4,218+	1,087+	3	6,026+
Duga	0	795	888	0	1,683
En-diġirġu	0	2,395	768	24	3,187
Enlila	253	0	0	0	253
Igi-Enlilše	57	406+	102+	0	565+
Intaea	742+	12,517+	9,323	4	22,586+
Lu-diġira-Ah ⁵¹³	0	81	192	1,451	1,724
Lu-diġira-IS	574	2,353+	1,359	1	4,287+
Lu-saga	100	2,429	560	1	3,090
Nalu	1	13,872+	4,278+	29	18,180+
Nur-Suen	0	1,381+	1,442+	33	2,856+
Šu-Erra	213	6,575	3,793	128	10,709
Šu-Idim	0	35	295	3	333
Šu-Mama	271+	2026+	390	6	2,693+
Šulgi-a'aġu	1,100	6,526+	3,362	7	10,995+
Tah(i)š-atal	12	227	137	21	397
Turam-Dagan	4	92	72	67	235
Ur-kununa	13	2,240+	994+	0	3,247+
Ur-šugalama	867	0	0	0	867
Ur-tur	200+	0	14	0	240+ ⁵¹⁴
Uta-mišaram	23	476+	441+	15	955+
Zubaga	256	986	172	0	1,414
Total:	5,456+	59,858+	30,075+	1,793	97,208+

2.2.2.2 The provincial governors (ensi₂)

Aba-saga transferred (i₃-dab₃) animals to the following 25 provincial governors (ensi₂) from 15 cities (designated as bala-funds). Their personal names, regional origins and the number of animals they received are given below:

Adab:	Habaluge (104 oxen, 975 sheep, 824 goats) ⁵¹⁵ ;
Apiak:	Šutirum (4 oxen, 108 sheep, 308 goats) ⁵¹⁶ ;
Babylon:	Aršiah (42 oxen, 277 sheep, 41 goats) ⁵¹⁷ , MURteli (102 oxen) ⁵¹⁸ ;

⁵¹³ Note that the sort of all of the sheep and goats transferred to Lu-diġira-Ah is Shimahkian.

⁵¹⁴ Note that another 26 animals are the mixture of sheep and goats, and it is unclear whether they should belong to sheep, or to goats. But they are added to the sum of animals.

⁵¹⁵ Ha-ba-lu₅-ge₂ ensi₂ Adab^{ki}: TCL 2 5494 (AS 1 viii, mu-DU lugal); OIP 121 302 (AS 5 x); AUCT 1 249 (AS 8 ix, mu-DU lugal).

⁵¹⁶ Šu-ti-ru-um ensi₂ A-pi₂-ak^{ki}: OrSP 47-49 80 (AS 4 ix, mu-DU lugal).

⁵¹⁷ Ar-ši-ah ensi₂ Babilim^{ki}: MVN 11 193 (AS 1 ix 16); MVN 8 31 (AS 1 xi, mu-DU lugal); Erm 07426 (AS 1 xii, mu-DU lugal).

⁵¹⁸ MUR₇-te-li ensi₂ Babilim^{ki}: TCL 2 5491 (AS 8 iii); YOS 15 174 (AS 8 x, mu-DU lugal).

Eshnuna:	Kalamu (42 oxen) ⁵¹⁹ ;
Girsu:	Aradġu (50 oxen, 1,161 sheep, 734 goats) ⁵²⁰ , Nanna-zišagal (323 oxen, 343 sheep, 656 goats) ⁵²¹ , Šarakam (165 oxen, 70 sheep, 261 goats) ⁵²² ;
Gudua:	Gudea (61 oxen) ⁵²³ , Namzitarā (6 sheep, 1 goat) ⁵²⁴ ;
Kish:	Ahum-bani (72 sheep, 94 goats) ⁵²⁵ , Ugula (19 oxen, 9 sheep, 180 goats) ⁵²⁶ ;
Marda:	(Imlik-Ea) (5+ sheep) ⁵²⁷ , Lišanum (60 oxen) ⁵²⁸ ;
Nippur:	Lugal-melam (284 sheep, 18 wild sheep, 646 goats, 34 wild goats) ⁵²⁹ ;
Pus:	Ahuma (60 goats) ⁵³⁰ ;
Šuruppag:	Ahua (uncounted) ⁵³¹ , Lu-balasaga (24 oxen, 227 sheep, 84 goats) ⁵³² , Ur-Ninkura (40 oxen, 2,106 sheep, 538 goats) ⁵³³ ;
Umma:	Ur-Lisi (23 oxen, 714 sheep, 280 goats) ⁵³⁴ ;
Uruk:	Šarrum-ili (3 goats) ⁵³⁵ ;
Urum:	Ur-Suen (114 sheep, 7 goats) ⁵³⁶ ;
Urusaġrig:	Dadani (30 oxen) ⁵³⁷ , Ur-mes (142 oxen, 5 sheep, 15 goats) ⁵³⁸ , (Nanna-zišagal) zabar-dab ₅ (40 oxen, 840 sheep) ⁵³⁹ .

2.2.2.3 Member(s) of the royal household

Aba-saga transferred (i₃-dab₅) unknown number of lambs to Inim-Nanna, the son of Amar-

⁵¹⁹ Kal-la-mu ensi₂ Aš₂-nun^{ki}: OIP 121 288 (AS 5 ix).

⁵²⁰ Arad₂-ġu₁₀ ensi₂ Ġir₂-su^{ki}: TRU 37 (AS 8 viii, mu-DU lugal).

⁵²¹ ^dNanna-zi-ša₃-ġal₂ ensi₂ Ġir₂-su^{ki}: PDT 1 537 (AS 3 vi 30, eš₃-eš₃ u₄-sakar-še₃); BPOA 6 43 (AS 4 ii); TSU 69 (AS 4 ii, bala-a zi-ga ša₃ a₂-ġi₆-il₂-la); SAT 2 803 (AS 4 iii); AnOr 1 12 (AS 4 viii, mu-DU lugal); JCS 23 113 22 = TCL 2 4687 (AS 4 ix, kaš-de₂-a u₃ ša₃ mu-DU-ra-ta / eš₃-eš₃-e ba-ab-dab₅); Mes 8-9 152 8 (AS 4 x, mu-DU lugal).

⁵²² ^dŠara₂-kam ensi₂ Ġir₂-su^{ki}: PDT 1 17 (AS 5 i); SA 37 (AS 5 iii); BIN 3 108 (AS 5 viii); Orient 16 47 31 (AS 6 ix 1).

⁵²³ Gu₃-de₂-a ensi₂ Gu₂-du₈-a^{ki}: AUCT 2 273 (AS 4 viii, mu-DU lugal); BPOA 6 92 (AS 5 viii).

⁵²⁴ Nam-zi-tar-ra ensi₂ Gu₂-du₈-a^{ki}: TSU 63 (AS 1 viii, mu-DU lugal).

⁵²⁵ A-hu-um-ba-ni ensi₂ Kiš^{ki}: YOS 4 78 (AS 8 ix, mu bala-a-še₃). For this PN, see Hilgert 2002: 430.

⁵²⁶ U₂-gu-la ensi₂ Kiš^{ki}: TCL 2 5490 (AS 4 viii, mu-DU lugal). Ugula ensi₂ Kiš^{ki}: TCL 2 5617 (AS 3 xi, mu-DU lugal). Note that the writing of the name as Ugula (PA) not the syllabic form U₂-gu-la is only attested in this text.

⁵²⁷ ensi₂ Mar₂-da^{ki}: AUCT 3 230 (AS 9 iii, e₂-kišib-ba-ta). This unnamed governor is definitely named Imlik-Ea, see the instance OIP 121 550 (AS 9 iii 2): Im-lik-e₂-a ensi₂ Mar₂-da^{ki}.

⁵²⁸ Li-ša-num₂ ensi₂ Mar₂-da^{ki}: OrSP 47-49 78 (AS 4 viii, mu-DU lugal).

⁵²⁹ Lugal-me-lam₂ ensi₂ Nibru^{ki}: YOS 4 68 (AS 1 xi 3) (e₂-eš₃-eš₃ didli-še₃); OrSP 47-49 121 (AS 4 xii 29); PDT 2 1064 (AS 5 ii 2); TCND 144 (AS 5 ix).

⁵³⁰ A-hu-ma ensi₂ Pu-us₂^{ki}: TRU 71 (AS 1 ix 17).

⁵³¹ A-hu-a ensi₂ Šuruppag^{ki}: UCP 9-2-1 13 (AS 1 viii).

⁵³² Lu₂-bala-sa₆-ga ensi₂ Šuruppag^{ki}: OIP 121 218 (AS 5 v); OIP 121 291 (AS 5 ix).

⁵³³ Ur^d-Nin-kur-ra ensi₂ Šuruppag^{ki}: AAICAB 1/2 pl.127 1971-283 (AS 4 viii, mu-DU lugal); AUCT 2 297 (AS 8 viii, mu bala-a-še₃ / mu-DU lugal); SAT 2 1173 = AAICAB 1/1 Ashm 1910-740 (AS 8 viii, ix, AS 9 i).

⁵³⁴ Ur^d-Li₉-si₄ ensi₂ Umma^{ki}: OrSP 47-49 79 (AS 4 ix, mu-DU lugal); OIP 121 265 (AS 5 viii); TLB 3 18 (AS 5 ix); JMEOS 12 44 3502 (AS 5 xi). ensi₂ Umma^{ki}: AUCT 3 307 (AS 8 i 30, la₂-ia₃ mu-DU a₂-ki-ti še-KIN-ku₅).

⁵³⁵ Šar-ru-um-i₃-li₂ ensi₂ Unug^{ki}: Mes 12 94 C (AS 5 ix).

⁵³⁶ Ur^d-EN.ZU ensi₂ Urum_x(UR₂xU₂)^{ki}: AUCT 1 927 (AS 1 viii, mu-DU lugal); AUCT 3 437 (AS - -).

⁵³⁷ Da-da-NI ensi₂ Uru-saġ-rig^{ki}: AUCT 2 277 (AS 8 ix).

⁵³⁸ Ur-mes ensi₂ Uru-saġ-rig^{ki}: MMFM 2005 18 2 (AS 4 viii); PDT 2 1204 (AS 6 viii 4).

⁵³⁹ zabar-dab₅ ensi₂ Uru-saġ-rig^{ki}: AuOr 10 87 1 (AS 1 ix). Note that there is no other evidence on zabar-dab₅ ensi₂ Uru-saġ-rig^{ki}. This ensi₂ herein must refer to Nanna-zišagal, see the text OIP 121 478 (AS 2 vi); also see MVN 6 242 (Š 45 viii): ^dNanna-zi-ša₃-ġal₂ zabar-dab₅. From above, it is assumed that at AS 1, Nanna-zišagal owned two titles, zabar-dab₅ and ensi₂ Uru-saġ-rig^{ki}, at the same time. Also see Sallaberger 1993: 186-188 and Fischer 2008.

Suen, in AS 7 viii:⁵⁴⁰.

2.2.2.4 Persons with titles

Aba-saga transferred (i₃-dab₅) animals to the following 45 individuals who held titles. The titles are: gala “lamentation singer/priest”, kurušda “fattener”, kuš₇ “chief herdsman”, lu₂-en-nu-ĝa₂ “guard”, lu₂lunga “brewer”, lu₂ Šuruppag^{ki} “person of Šuruppag”, lu₂ Wa-ta₂-ru-um “person of Watarum”, muhaldim “cook”, na-gada “herdsman”, nu-banda₃ “captain”, ra₂-gaba “equestrian”, saĝĝa “(a type of chief temple administrator), sukkal “courier”, sukkal-mah “Grand Vizier”, šabra “temple perfect”, u₄-da-tuš “jester”, and unu₃ “cowherd”. Among the 45 individuals, 15 held the title šabra. Their personal names, titles, and animals they received are given below:

Title	PNs
gala	Dada (3 bears) ⁵⁴¹
kurušda	Ubar (10 oxen) ⁵⁴²
kuš ₇	Lu-balasaga (13 equids) ⁵⁴³ , Šuzu (11 equids) ⁵⁴⁴
lu ₂ en-nu-ĝa ₂	Adalal (1 sheep) ⁵⁴⁵
lu ₂ lunga	Lu-Ninšubur (1 sheep) ⁵⁴⁶
lu ₂ Šuruppag ^{ki}	Ur-Šulpae (1 sheep) ⁵⁴⁷
lu ₂ Wa-ta ₂ -ru-um	Iribum (1 sheep) ⁵⁴⁸
muhaldim	Amur-Suen (1 sheep) ⁵⁴⁹
na-gada	Erpadan (75 sheep) ⁵⁵⁰ , Iti-išum (19 sheep) ⁵⁵¹ , Lu-melam (180 sheep) ⁵⁵² , Lu-Ninĝirsu (48 sheep) ⁵⁵³
nu-banda ₃	Ahuni (1 sheep) ⁵⁵⁴ , Amur-Anum (1 sheep) ⁵⁵⁵ , Šulgi-ili (3 sheep) ⁵⁵⁶
ra ₂ -gaba	Nanna-PAD (1 sheep) ⁵⁵⁷

⁵⁴⁰ Inim-^dNanna dumu lugal: AUCT 3 363 (AS 7 viii).

⁵⁴¹ Da-da gala: SACT 1 23 (AS 5 xi 28, nam-u₄-da-tuš-še₃ “for his jestership”).

⁵⁴² U-bar kurušda: BIN 3 187 (AS 8 x, mu-DU en-na-ka ki-ba ĝa₂-ra “delivery, replaced for his en”).

⁵⁴³ Lu₂-bala-sa₆-ga kuš₇: AUCT 1 242 (AS 4 x 30); Erm 14806 (AS 5 ii 29); OIP 121 206 (AS 5 iv 30); AUCT 1 71 (AS 8 vi 13).

⁵⁴⁴ Šu-zu kuš₇: CST 300 (AS 5 i 29); Hirose 185 (AS 5 ii 29); BPOA 6 144 (AS 8 vi 13); ASJ 15 79 5 (AS 8 viii).

⁵⁴⁵ A-da-lal₃ lu₂ en-nu-ĝa₂: UCP 9-2-1 42 (AS 8 xii). For this PN, see Hilgert 2002: 271.

⁵⁴⁶ Lu₂-^dNin-šubur lu₂lunga: AUCT 3 396 (AS 4 iii).

⁵⁴⁷ Ur-^dŠul-pa-e₃ lu₂ Šuruppag^{ki}: BIN 3 149 (AS 7 iii).

⁵⁴⁸ I-ri-bu-um lu₂ Wa-ta₂-ru-um: AUCT 3 462 (AS 9 v). For this PN Iribum, see Hilgert 2002: 367.

⁵⁴⁹ A-mur-^dEN.ZU muhaldim: SAT 2 1038 (AS 7 vii). For this PN, see Hilgert 2002: 237.

⁵⁵⁰ Er₃-pa₂-dan na-gada: OrSP 47-49 105 (AS 7 iii).

⁵⁵¹ I-ti-i-šum na-gada: AUCT 2 51 (AS 8 iii). For this PN, see Hilgert 2002: 298 (I-di₃-I-šum).

⁵⁵² Lu₂-me-lam₂ na-gada: PDT 1 662 (AS 4 vi 11). Note the difference between Lu₂-me-lam₂ and Lugal-me-lam₂. From a Girsu text, TLB 3 89 (Lu₂-me-lam₂ na-gada nin), it is possible that this person is identified with the herdsman of a princess.

⁵⁵³ Lu₂-^dNin-ĝir₂-su na-gada: PDT 2 850 (AS 4 v 30).

⁵⁵⁴ A-hu-ni nu-banda₃: AUCT 3 463 (AS 6 vii).

⁵⁵⁵ A-mur-An-num₂ nu-banda₃: AUCT 2 25 (AS 6 vii). For this PN, see Hilgert 2002: 237 (A-mur-DIĜIR^{lum}).

⁵⁵⁶ ^dŠul-gi-i₃-li₂ nu-banda₃: Mes 12 93 A (AS 9 iii).

⁵⁵⁷ ^dNanna-PAD ra₂-gaba: SET 19 (AS 5 x, mu ^dEn-lil₂-zi-ša₃-ĝa₂-še₃ “on behalf of Enlil-zišaĝal”).

saĝĝa	Nur-Dagan of Utu of Sippar (30 sheep) ⁵⁵⁸ , Puzur-Erra of Utu of Larsa (25 oxen, 85 sheep, 370 goats) ⁵⁵⁹ , Ur-tilla (1,773 sheep, 447 goats) ⁵⁶⁰ , Watarum (72 oxen, 2,370+ sheep, 1 wild sheep, 135 goats, 19 wild goats, 18 deer) ⁵⁶¹ .
sukkal	Amar-Suen-naram-Enlil (uncounted) ⁵⁶² , Hun-nuduk (1 goat) ⁵⁶³ , Ku-Nanna (1 sheep) ⁵⁶⁴ , Lu-diĝira (1 goat) ⁵⁶⁵
sukkal-mah	Aradĝu (600 sheep, 58 equids) ⁵⁶⁶
šabra	Ama-zimu of Inana (18 oxen, 564 sheep, 903 goats) ⁵⁶⁷ , Aradĝu of Enki (40 oxen, 670 sheep, 110 goats) ⁵⁶⁸ , Dudu of Nana'a (16 oxen, 120 sheep) ⁵⁶⁹ , Inda'a (4 oxen, 61 sheep, 101 goats) ⁵⁷⁰ , Kuli (14 oxen) ⁵⁷¹ , Lu-diĝira (10 oxen, 12 sheep, 115 goats, 6 equids) ⁵⁷² , Lu-Nanna of Ninsun (3 oxen, 57 sheep, 273 goats, 5 wild goats) ⁵⁷³ , Lu-Ninĝirsu (4 oxen, 140 sheep) ⁵⁷⁴ , Lugal-iti of Gula (63 sheep, 7 goats) ⁵⁷⁵ , Lugal-KAĝina (598 sheep, 2 goats) ⁵⁷⁶ , Lugal-magure of Nanna (7 oxen, 1 wild ox, 1 wild goat, 47+ deer, 11 bears) ⁵⁷⁷ , Nadi (83 sheep, 10 goats) ⁵⁷⁸ , Nanna-kiāĝ of Nanna (50 oxen, 423 sheep, 1,153 goats, 5 wild goats, 63 equids, 32 deer, 80 gazelles, 25 bears) ⁵⁷⁹ , Šeš-zimu of Ningublaga (2 oxen, 489 sheep, 231 goats) ⁵⁸⁰ , Ur-Bau (2 oxen, 238 sheep, 136 goats) ⁵⁸¹

⁵⁵⁸ Nu-ur₂-^dDa-gan saĝĝa ^dUtu Zimbir^{ki}: Trouville 30 (AS 3 ix 17).

⁵⁵⁹ PU₃.ŠA-Er₃-ra saĝĝa ^dUtu (Larsa^{ki}): MVN 8 28 (AS 1 x, mu-DU lugal); SAT 2 798 (AS 4 viii, mu-DU lugal); CRRAI 45-2 64 (AS 5 ix); OIP 121 289 (AS 5 ix).

⁵⁶⁰ Ur-tilla₃ saĝĝa: BPOA 6 83 (AS 4 vi 22).

⁵⁶¹ Wa-ta₂-ru-um saĝĝa: BPOA 6 31 (AS 5 ii); NYPL 297 (AS 5 ii, AS 6 x) PDT 1 104 (AS 5 viii); PDT 1 87 (AS 5 ix 27); AUCT 1 360 (AS 8 ii).

⁵⁶² ^dAmar-^dEN.ZU-na-ra-am-^dEn-lil₂ sukkal: TRU 48 (AS 8 xi).

⁵⁶³ Hu-un-nu-du-uk sukkal lu₂ AN.KAL.MA₂: AUCT 3 318 (AS 8 viii).

⁵⁶⁴ Ku₃-^dNanna sukkal: BPOA 7 2611 (AS 9 iv).

⁵⁶⁵ Lu₂-diĝir-ra: AUCT 3 252 (AS 8 ii).

⁵⁶⁶ Arad₂-ĝu₁₀ sukkal-mah: BIN 3 84 (AS 4 viii, mu-DU lugal); AUCT 2 370 (AS 8 ix, mu-DU lugal).

⁵⁶⁷ Ama-zi-mu šabra ^dInana: SAT 2 784 (AS 4 viii, mu-DU lugal); MVN 9 219 (AS 4 ix m, mu-DU lugal); OrAnt 22 203 1 (AS 5 v 8); OIP 121 264 (AS 5 viii). Note that text SAT 2 784 transliterated as amar-zi-mu.

⁵⁶⁸ Arad₂-ĝu₁₀ šabra ^dEn-ki: AAICAB 1/3 pl.196 Bod A 64 (AS 1 ix 17).

⁵⁶⁹ Du-du šabra ^dNa-na-a: SAT 2 795 (AS 4 ix, mu-DU lugal); SAT 2 797 (AS 4 ix m, mu-DU lugal). JEOL 26 51 12 (AS 5 v).

⁵⁷⁰ In-da-a šabra: OIP 121 247 (AS 5 vii, sa₂-du₁₁ An-nu-ni-tum-še₃); NYPL 339 (AS 6 ix 1).

⁵⁷¹ Ku-li šabra: OrSP 47-49 64 (AS 2 v); PDT 1 198 (AS 4 v).

⁵⁷² Lu₂-diĝir-ra šabra: OrSP 47-49 62 = Trouville 31 (AS 2 i, bala Ar-ši-ah ensi₂ Babilim^{ki}); PDT 2 877 (AS 3 i 24); AUCT 2 150 (AS 4 ix, mu-DU lugal); Babyloniaca 8 Pupil 20 (AS 5 X).

⁵⁷³ Lu₂-^dNanna šabra (^dNin-sun₂): SAKF 46 (AS 1 viii, mu-DU lugal); CTMMA 1 16 (AS 4 iii, mu-DU lugal); BIN 3 206 (AS 4 vi, mu-DU lugal); PDT 2 893 (AS 6 ix 1).

⁵⁷⁴ Lu₂-^dNin-ĝir₂-su šabra: MVN 8 51 (AS 4 ix m, mu-DU lugal).

⁵⁷⁵ Lugal-i₃-ti šabra ^dGu-la: AUCT 1 912 (AS 8 vii 2).

⁵⁷⁶ Lugal-KA-gi-na šabra: NYPL 333 (AS 6 x 10).

⁵⁷⁷ Lugal-ma₂-gur₈-re šabra (^dNanna): SAT 2 1016 (AS 7 X, bala-a zi-ga); MVN 3 348 (AS 8 vi 23, vii 2, x 1-16).

⁵⁷⁸ Na-di šabra: MVN 10 210 (AS 8 xi, sa₂-du₁₁ ^dInana Unug^{ki}-se₃ “regular offering for Inana of Uruk”). For this PN, see Hilgert 2002: 478 (Na-di₃).

⁵⁷⁹ ^dNanna-ki-aĝ₂ šabra ^dNanna: OrSP 47-49 81 (AS 4 ix); BIN 3 95 (AS 4 xii, mu-DU lugal); SAT 2 788 (AS 4 xii, mu-DU lugal); PDT 1 3 (AS 5 vi); TCND 145 (AS 5 ix); Nik 2 501 (AS 5 x).

⁵⁸⁰ Šeš-zi-mu šabra ^dNin-gublaga: MVN 8 29 (AS 1 x, mu-DU lugal); SAT 2 804 (AS 4 viii, mu-DU lugal); MVN 11 203 (AS 4 x, mu-DU lugal); OIP 121 303 (AS 5 x); JCS 52 38 27 (AS 6 x, mu-DU lugal).

⁵⁸¹ Ur-^dBa-u₂ šabra: MVN 8 50 (AS 4 ix m, mu-DU lugal); CM 26 154 (AS 5 viii, sa₂-du₁₁ ^dInana-še₃ “regular offering for Inana”); AUCT 1 263 (AS 8 vii, sa₂-du₁₁ ^dInana-še₃); AUCT 1 289 (AS 8 viii 17, sa₂-du₁₁ ^dInana-še₃); BPOA 6 105 (AS 8 viii, sa₂-du₁₁ ^dInana-še₃).

u ₄ -da-tuš	Šu-Eštar (1 bear) ⁵⁸²
unu ₃	Lu-Ninsun, Inzamu, Lu-Šara (above three all 7 oxen) ⁵⁸³ , Ur-Bau (6 oxen) ⁵⁸⁴

The following chart is a statistics of the total number of animals which were transferred from Aba-saga to the above-mentioned 45 individuals with titles (see Table 2.8).

Table 2.8 Statistics of the number of animals transferred from Aba-saga to individuals with titles

<i>Transferor</i>	<i>Ox</i>	<i>Sheep</i>	<i>Goat</i>	<i>Wild/Rare</i>	<i>Subtotal</i>
gala	0	0	0	3	3
kurušda	10	0	0	0	10
kuš ₇	0	0	0	24	24
lu ₂ en-nu-ĝa ₂	0	1	0	0	1
lunga	0	1	0	0	1
lu ₂ Šuruppag	0	1	0	0	1
lu ₂ Watarum	0	1	0	0	1
muhaldim	0	1	0	0	1
na-gada	0	322	0	0	322
nu-banda ₃	0	5	0	0	5
ra ₂ -gaba	0	1	0	0	1
saĝĝa	97	4,258+	952	38	5,345+
sukkal	0	1	2	0	3
sukkal-mah	0	600	0	58	658
šabra	170	3,518	3,041	276+	7,005+
u ₄ -da-tuš	0	0	0	1	1
unu ₃	13	0	0	0	13
<i>Total:</i>	290	8,710+	3,995	400+	13,395+

From the chart above, it is apparent that the majority of animals were transferred from Aba-saga to two types of chief temple administrators: the šabra-officials (5,345+, 39.9 %) and the saĝĝa-officials (7,005+, 52.3 %). The animals, received by the two types of chief temple administrators, account for 92.2 percent of all animals that the individuals with titles received from Aba-saga. From this, one can infer that the usage of animals in the temples has increased considerably, and that the cultic activities are extremely significant in the Ur III court.

2.2.2.5 Persons without titles

Aba-saga transferred (i₃-dab₅) animals to the following 65 individuals who did not hold titles.

They are given below:

AbuDU (1 sheep)⁵⁸⁵, Abuni (6 wild sheep, 5 wild goats)⁵⁸⁶, Ahanišu (34 sheep/goats)⁵⁸⁷, Ahuni (3 sheep)⁵⁸⁸,

⁵⁸² Šu-Eš₁₈-tar₂ u₄-da-tuš: CST 248 (AS 2 i 8).

⁵⁸³ Lu₂-^dŠara₂ unu₃: MVN 10 207 (AS 8 x 17).

⁵⁸⁴ Ur-^dBa-u₂ unu₃: OIP 121 348 (AS 8 v 12).

Ahuwaqar (2,159 sheep, 813 goats)⁵⁸⁹, Anahilibi (1 ox, 10 sheep, 102 goats)⁵⁹⁰, Aradġu (301 oxen, 1,200 sheep, 5 wild sheep, 1,800 goats, 5 wild goats, 50+ equids)⁵⁹¹, Bau-danirġal (1 wild sheep)⁵⁹², Beli-arik (3,586 sheep, 164 goats)⁵⁹³, Beli-azu (249 oxen, 889 sheep, 218 goats)⁵⁹⁴, Ea-dan (1 sheep)⁵⁹⁵, Eštar-ilšu (5 wild sheep, 5 wild goats)⁵⁹⁶, Ġirine (1 sheep)⁵⁹⁷, Guda'a (1 sheep, 1 goat)⁵⁹⁸, Huba'a (6 wild sheep, 4 wild goats)⁵⁹⁹, Hulali (1 sheep)⁶⁰⁰, Ibbid-Erra (1 goat)⁶⁰¹, Ilallum (1 wild ox, 15 equids)⁶⁰², Ilum-le'i (1 ox)⁶⁰³, Ilum-hir (2 sheep)⁶⁰⁴, Išar-beli (3 goats)⁶⁰⁵, Kamu (11 oxen, 210 sheep, 320 goats)⁶⁰⁶, Kaš (17 sheep/goats)⁶⁰⁷, Ku-Ningal (1 sheep)⁶⁰⁸, Libur-beli (1 sheep)⁶⁰⁹, Lu-balasaga (1 sheep)⁶¹⁰, Lu-Bau (59 oxen, 154 sheep, 168 goats)⁶¹¹, Lu-kala (2 sheep)⁶¹², Lu-Magan (7 oxen)⁶¹³, Lugal-engardu (5 goats)⁶¹⁴, Lugal-kuzu (11 sheep)⁶¹⁵, Lugal-magure (5 wild sheep, 5 wild goats, 1 gazelle)⁶¹⁶,

⁵⁸⁵ A-bu-DU₁₀: AUCT 3 308 (AS 9 v). Note that this text was sealed with A-bu-DU₁₀ nu-banda₃ "Ahu-DU the captain". It is unclear if this person is identical with the person of Mari (BiMes 25 152 55:7 "A-bu-du₁₀ lu₂ Ma-ri₂^{ki}"). For this PN, see Hilgert 2002: 400 (A-bu-DUG₃).

⁵⁸⁶ A-bu-ni: BIN 3 102 (AS 4 ix 13); OrSP 47-49 85 (AS 4 xii 29).

⁵⁸⁷ A-ha-ni-šu: Santag 7 159 (AS 9 i, bala ensi₂ Ka-zal-lu^{ki}). Note that Ahanišu held the title sipa lugal "royal shepherd" based on his seal inscription: A-ha-ni-šu sipa lugal.

⁵⁸⁸ A-hu-ni: JEOL 26 49 6 (AS 5 iii 2). Note that this text is dated to AS 5, so this person must be not refer to the person of Ahuni the official of naGaBtum, but probably to the son of Amar-Suen.

⁵⁸⁹ A-hu-wa₍₂₎-qar: AUCT 1 560 (AS 5 x, la₂-ia₃ er₂-su₃-a); TCL 2 4688 (AS 6 v); CDLJ 2012/1 4.26 (AS - ii).

⁵⁹⁰ An-na-hi-li-bi: OIP 121 147 (AS 3, mu ensi₂ Nibru^{ki}-še₃ "on behalf of governor of Nippur"). Note that the name Annahilibi is well known from Umma texts.

⁵⁹¹ Arad₂-ġu₁₀: Santag 7 138 (AS 4 xii 29); OrSP 47-49 110 (AS 7 ix 30, Ġir₂-su^{ki}-še₃); AUCT 1 300 (AS 8 v, gu₄-apin Ġir₂-su^{ki}-še₃ / mu-DU lugal); UDT 113 (AS 8 v, gu₄-apin Ġir₂-su^{ki}-še₃ / mu-DU lugal); AUCT 1 281 (AS 8 vi 9, Ġir₂-su^{ki}-še₃); AUCT 1 341 (AS 8 ix 2). This name without title is most likely identical with the governor of Girsu.

⁵⁹² Ba-u₂-da-nir-ġal₂: KM 89347 (AS 7 x).

⁵⁹³ Be-li₂-a-ri₂-ik: Nik 2 479 (AS 6 iii 9); AACAB 1/3 pl.198 Bod A 81 (AS 6 iv).

⁵⁹⁴ Be-li₂-a-zu: AUCT 1 230 (AS 2 i); ASJ 9 254 37 (AS 3 ii); AUCT 1 697 (AS 3 xii 18); SAT 2 758 (AS 3); BIN 3 93 (AS 4 iv X); OrSP 47-49 75 (AS 4 vii); TCL 2 5517 (AS 4 ix m); SAT 2 820 (AS 4 xi 23); AUCT 2 205 (AS 4 xii 28); SA 28 (AS 5 viii); Ontario 1 80 (AS 5 xi 30). Note that most of animals are designated with the šu-la₂-a-contingent.

⁵⁹⁵ E₂-a-dan: PDT 1 292 (AS - vii).

⁵⁹⁶ Eš₁₈-tar₂-DIĠIR-šu: AUCT 1 409 (AS 4 xii 29). It is unclear if the person is identical with the son of Šulgi.

⁵⁹⁷ Ġir₃-ne₂: PDT 2 1191 (AS X X). This name is possibly also read as Kiš-er, see Liu (b).

⁵⁹⁸ Gu-da-a: MVN 13 459 (AS 5 xi).

⁵⁹⁹ Hu-ba-a: TCL 2 5584 (AS 4 xii 29). This person was probably a general and Hurrian, see Goetze 1963: 13.

⁶⁰⁰ Hu-la-li: AACAB 1/4 TCICA 23 (AS 8 x).

⁶⁰¹ I-bi₂-id-Er₃-ra: TRU 67 (AS 7 iv).

⁶⁰² I₃-lal₃-lum: MVN 8 37 (AS 2 vii 17); PDT 2 838 (AS 3 i 15).

⁶⁰³ DIĠIR-le-i₃: TCL 2 5570 (AS 5 x). For this PN, see Hilgert 2002: 476.

⁶⁰⁴ DIĠIR-hi-ir: PDT 1 622 (AS 8 xi). For this PN, see Hilgert 2002: 382.

⁶⁰⁵ I-šar-be-li₂: DoCu Strasbourg Sch 4 (AS 6 viii). For this PN, see Hilgert 2002: 324.

⁶⁰⁶ Kaš^a-mu: CM 26 107 (AS 2 iv, bala Ur^d-Lamma ensi₂ Ġir₂-su^{ki} ba-an-zi); OrSP 47-49 95 (AS 6 x).

⁶⁰⁷ Kaš₄: AUCT 3 297 (AS 3 i, la₂-ia₃ ša₃ udu ensi₂ Umma^{ki}); Princeton 2 340 (AS 3 ii); AUCT 3 298 (AS X i 27).

Note that it is certain that the person is one son of Nasa, based on his seal impression (see for example AUCT 3 297: Kaš₄ dub-sar dumu Na-sa₆ kurušda).

⁶⁰⁸ Ku₃-^dNin-gal: AUCT 3 364 (AS 7 iii), with the seal impression Ku₃-^dNin-gal sal^{al}-hu-ba lugal dumu Lu₂-^dNin-dar "Ku-Ningal the royal *salhuba*-official, son of Lu-Nindar". For the term sal^{al}-hu-ba "a type of casting net", see Steinkeller 1985: 44-45.

⁶⁰⁹ Li-bur-be-li₂: UDT 172 (AS 4 xi). For this PN, see Hilgert 2002: 358.

⁶¹⁰ Lu₂-bala-sa₆-ga: AUCT 3 234 (AS 6 iv). It is unclear if this person is identical with the governor of Šuruppak.

⁶¹¹ Lu₂-^dBa-u₂: PPAC 4 23 (AS 5 i, gu₄ udu bala ^dŠara₂-kam ensi₂ Ġir₂-su^{ki}-ka ba-ši-ku₅); JCS 35 129 1 (AS 5 ii, gu₄ udu bala Ha-ba-lu₅-ge₂ ensi₂ Adab^{ki} ba-ši-ku₅); SACT 1 28 (AS 5 iv 13); MVN 11 153 (AS 5 viii 5,6,8, bala ^dŠara₂-kam ensi₂ Ġir₂-su^{ki}); TCND 133 (AS 5 viii 9); AUCT 2 263 (AS 5 viii 19,20,22); CST 335 (AS 5 xi 13, bala Ar-ši-ah ensi₂ Babilim^{ki}).

⁶¹² Lu₂-kal-la: AUCT 3 258 (AS 9 iii).

⁶¹³ Lu₂-Ma₂-gan-na: SAT 2 1073 (AS 8 ix). Another possible reading is lu₂ Ma₂-gan-na "person of Magan"

⁶¹⁴ Lugal-engar-du₁₀: CDLJ 2002/1 no.6 (AS 5 ix), with the seal impression Lugal-engar-<du₁₀> dumu Lu₂-^dEn-lil₂-la₂ gudu₄ ^dŠakkan₂ "Lugal-engardu, son of Lu-Enlila the gudu-priest of the deity Šakkan".

⁶¹⁵ Lugal-ku₃-zu: AUCT 3 281 (AS 8 ix, mu-DU lugal).

Lugal-melam (1 sheep)⁶¹⁷, Namhani (1 sheep)⁶¹⁸, Nanna-ma(n)ba (115 oxen, 760+ sheep, 91+ goats)⁶¹⁹, Nanšekam (7 oxen)⁶²⁰, Niridağal (2 bears)⁶²¹, Nur-Šulgi (1 sheep)⁶²², Puzur-Enlil (uncounted)⁶²³, Riba'a (6 wild sheep, 3 wild goats)⁶²⁴, SUHUŠ-kin (2 sheep, 6 wild sheep, 4 wild goats)⁶²⁵, Šeluš-Dagan (1 wild sheep, 20 wild goats)⁶²⁶, Šarrum-bani (7 wild sheep, 3 wild goats)⁶²⁷, Šeš-kala (2 bears)⁶²⁸, Šu-Dagan (40 sheep)⁶²⁹, Šu-Dumuzi (29 oxen, 334 sheep, 90 goats)⁶³⁰, Šu-ili (1 sheep)⁶³¹, Šugakum (6 oxen)⁶³², Šukubum (14 sheep)⁶³³, Šulgi-iriġu (1 sheep, 1 goat)⁶³⁴, Ur-Bau (1 sheep)⁶³⁵, Ur-Engaldudu (4 wild sheep, 6 wild goats)⁶³⁶, Ur-Enlila (7 sheep, 7 goats)⁶³⁷, Ur-ešlila (19+ oxen, 1 equid)⁶³⁸, Ur-Gilgames (uncounted)⁶³⁹, Ur-lugal (6 oxen)⁶⁴⁰, Ur-muRU (1 sheep)⁶⁴¹, Ur-niġar (3 bears)⁶⁴², Ur-Ninġišzida son of Ur-MUŠ (1 goat)⁶⁴³, Ur-Ninsaza (2 sheep, 10 goats)⁶⁴⁴, Ur-Suen (1 sheep)⁶⁴⁵, Ur-Šulgi (1 ox)⁶⁴⁶, Ur-Šulpae (1 ox)⁶⁴⁷, Zariq (5 wild sheep, 5 wild goats)⁶⁴⁸, and Zazi (5 wild sheep, 5 wild goats)⁶⁴⁹.

⁶¹⁶ Lugal-ma₂-gur₈-re: BIN 3 208 (AS 4 iii 3); BIN 3 80 (AS 4 xii 29).

⁶¹⁷ Lugal-me-lam₂: AUCT 3 237 (AS 6 iv), with the seal impression Lugal-me-lam₂ dub-sar dumu Nam-ha-ni gala mah Uri₅^{ki} “Lugal-malam, the scribe and son of Namhani the chief lament singer of Ur”.

⁶¹⁸ Nam-ha-ni: AUCT 3 336 (AS 7 v).

⁶¹⁹ ^dNanna-ma-(an)-ba: OrSP 47-49 87 (AS 6 i, šu-la₂-a); AUCT 2 180 (AS 6 vi, šu-la₂-a); AUCT 1 181 (AS 6 x 10+, šu-la₂-a); SAT 2 1002 (AS 7 xi 9, šu-la₂-a); TRU 69 (AS 7 xii 5, šu-la₂-a); BIN 3 182 (AS 8 iv 19, šu-la₂-a); PDT 1 633 (AS 8 v 28, šu-la₂-a); AUCT 1 659 (AS 8 vi 11, šu-la₂-a); BIN 3 179 (AS 8 vii 2, šu-la₂-a); BIN 3 190 (AS 8 vii 2,22, šu-la₂-a); PDT 1 533 (AS 8 vii 9, šu-la₂-a); PDT 2 801 (AS 8 viii 10+, šu-[la₂-a]); TCL 2 5596 (AS 8 viii 24, šu-la₂-a); SAT 2 1079 (AS 8 viii 28, šu-la₂-a); AUCT 1 262 (AS 8 ix 11, šu-la₂-a); Ontario 1 106 (AS 8 ix 18, šu-la₂-a); AUCT 1 925 (AS 8 ix 19, <š-u-la₂-a>); TCL 2 5583 (AS 8 ix 20, šu-la₂-a); BPOA 7 2877 (AS 8 x 3, šu-la₂-a); PDT 2 822 (AS 9 ii 1, šu-la₂-a). Note that there are two spellings for the name: ^dNanna-ma-ba and ^dNanna-ma-an-ba. Furthermore, all animals under discussion are designated with the šu-la₂-a-contingent.

⁶²⁰ ^dNanše-kam: AUCT 2 337 (AS - ii).

⁶²¹ Nir-i₃-da-ġal₂: Trouville 57 (AS 3 ix).

⁶²² Nu-ur₂-^dŠul-gi: AUCT 3 341 (AS 7 x).

⁶²³ PU₃.ŠA-^dEn-lil₂: OMRO 68 16 7 (AS 7 v).

⁶²⁴ Ri₂-ba-a: Erm 14792 (AS 4 xii 29).

⁶²⁵ SUHUŠ-ki-in: BIN 3 86 (AS 4 xii 29); PDT 1 325 (AS 6 i).

⁶²⁶ Še-lu-uš-^dDa-gan: AUCT 2 184 (AS 5 ii 2).

⁶²⁷ Šar-ru-um-ba-ni: OrSP 47-49 86 (AS 4 xii 29).

⁶²⁸ Šeš-kal-la: Trouville 56 (AS 3 ix).

⁶²⁹ Šu-^dDa-gan: Santag 7 106 (AS 4 v). Note this text with a Nippur month name: iti NE-NE-ġar.

⁶³⁰ Šu-^dDumu-zi: BIN 3 198 (AS 4 xi).

⁶³¹ Šu-i₃-li₂: TRU 51 (AS 4 iii), with the seal impression Šu-i₃-li₂ dumu I-mi-DIGIR “Šu-ili son of Imi-ilum”.

⁶³² Šu-ga-kum: OrSP 47-49 88 (AS 6 iii).

⁶³³ Šu-ku-bu-um: PPAC 4 163 (AS 5 vi). Note that one text AUCT 3 418 dated the same month (AS 5 vi) mentions 15 goats from Aba-saga delivery, Šukubum took over (15 MAŠ.[X], ki Ab-ba-sa₆-ga-ta, mu-DU, Šu-ku-bu-um i₃-dab₅), which is possibly the duplicated text of PPAC 4 163, or a fake, on the basis of the documentation of this tablet.

⁶³⁴ ^dŠul-gi-iri-ġu₁₀: BPOA 6 584 (AS 2 xi 30); Nisaba 8 311 (AS 5 iii 5).

⁶³⁵ Ur-^dBa-u₂: AUCT 3 414 (AS 9 iv).

⁶³⁶ Ur-^dEn-gal-du-du: BIN 3 87 (AS 4 xii 29).

⁶³⁷ Ur-^dEn-lil₂-la₂: AUCT 3 383 (AS 8), with the seal impression Ur-^dEn-lil₂-la₂ dub-sar dumu Lu₂-^dUtu “Ur-Enlil the scribe son of Lu-Utu”.

⁶³⁸ Ur-eš₃-lil₂-la₂: AUCT 1 178 (AS 8).

⁶³⁹ Ur-^dBIL₃.GA.MES: AUCT 3 475 (AS 4 v ?).

⁶⁴⁰ Ur-lugal: MVN 15 165 (AS 9), with the seal impression Ur-lugal dumu Lu₂-^dŠara₂ “Ur-lugal son of Lu-Šara”.

⁶⁴¹ Ur-mu-RU: OIP 121 135 (AS 3 vi).

⁶⁴² Ur-ni₉-ġar: MVN 8 27 (AS 1 x 18). It is unclear if this name is identical with the official who exclusively dealt with dead animals.

⁶⁴³ Ur-^dNin-ġiš-zi-da dumu Ur-^dMUŠ: TCL 2 5566 (AS 9 i 18).

⁶⁴⁴ Ur-^dNin-sa-za: RA 101 39 5 (AS 5 viii).

⁶⁴⁵ Ur-^dEN.ZU: BIN 3 197 (AS 9 ii). It is unclear if this person is identical with the governor of Urum.

⁶⁴⁶ Ur-^dŠul-gi-ra: AUCT 1 352 (AS 6 x).

⁶⁴⁷ Ur-^dŠul-pa-e₃: AUCT 2 227 (AS 7 xi).

⁶⁴⁸ Za-ri₂-iq: OrSP 47-49 84 (AS 4 xii 29).

⁶⁴⁹ Za-zi: OrSP 47-49 83 (AS 4 xii 29).

2.2.2.6 Formulary

The text formulary that records the transfers (i_3 - dab_5) of animals from Aba-saga to bureaus and individuals contains the following 35 components:

- | | |
|-------------------------|--|
| (1) Subject | S |
| (2) Day date formula | u_4 N-kam |
| (3) Bureau expenditure | ki Ab-ba-sa ₆ -ga-ta (abb. ki B-ta) |
| (4) Transfer or receipt | PN i_3 - dab_5 |
| (5) Month/Year name | MY |

The above five components are most frequently utilized in the texts, which is herein called “Basic Components”. Apart from them, there are also numerous additional components as follows:

- | | |
|---------------------------------|--|
| (6) Delivery | (ša ₃) mu-DU (lugal) |
| (6a) Delivery for Šulgi | mu-DU ^d Šul-gi-ra |
| (6b) Delivery for dais | mu-DU bara ₂ ME- ^d Ištaran |
| (7) For a person | mu PN-še ₃ / mu nin-še ₃ / PN |
| (8) ġiri ₃ -Function | ġiri ₃ PN |
| (9) Sealed by a person | kišib PN |
| (10) Overseer | ugula PN |
| (11) Property | niġ ₂ -gur ₁₁ PN |
| (12) Bala-tax | bala PN /
mu bala-(a)-še ₃ “for the bala-tax” /
bala PN-(ka) ba-an-zi “(as) the bala-tax of PN withdrawn” /
(mu) bala-a zi-ga “(by the name of) the bala-tax withdrawn” |
| (13) maškim-Function | PN maškim |
| (14) At a site | ša ₃ GN |
| (15) To/From a site | GN-še ₃ / a-ša ₃ -še ₃ “to a field” / GN-ta ki PN “from GN, (to) the place of PN” / e ₂ DN-še ₃ “to the temple of DN” / e ₂ -udu-niga-še ₃ “to the house of barley-fed sheep” / a-ri-a GN-še ₃ “to the steppe of GN” |
| (16) Brought to palace | e ₂ -gal-la gub-ba / e ₂ -(gal) GN-ka gub-ba |
| (17) Storehouse | e ₂ -kišib-ba-ta |
| (18) šu-gid-contingent | šu-gid ₂ |
| (19) su-la-a-contingent | šu-la ₂ -a |
| (20) mašdarea-contingent | maš ₂ -da-re-a sipa-e-ne |
| (21) Regular offering | sa ₂ -du ₁₁ ku ₅ -ra ₂ / sa ₂ -du ₁₁ DN-še ₃ |
| (22) Surplus | la ₂ -ia ₃ / la ₂ -ia ₃ er ₂ -su ₃ -a / la ₂ -ia ₃ ša ₃ udu PN / la ₂ -ia ₃ su-ga |
| (23) Remainder | ib ₂ -tak ₄ niġ ₂ -kas ₇ -ak sila SIG ₇ -a / ib ₂ -tak ₄ mu-DU didli |
| (24) Staples | didli ša ₃ nu-zu-ta gur-ra ⁶⁵⁰ |
| (25) Festival | eš ₃ -eš ₃ -še ₃ / e ₂ eš ₃ -eš ₃ didli-še ₃ “for houses of many festivals” / eš ₃ -eš ₃ u ₄ - |

⁶⁵⁰ Also see AUCT 3 384: ša₃ nu-zu sila-ta gur-ra / la₂-ia₃ didli su-su. For the phrase, see Sigrist 1992: 112.

	sakar-še ₃ / a ₂ -ki-ti še-KIN-ku ₅
(26) Replaced banquet	kaš-de ₂ -a PN ki-ba ġa ₂ -ġa ₂ -dam
(27) Replaced animals	gu ₄ PN ki-ba ġa ₂ -ġa ₂ -dam “ox(en) of PN replaced”
(28) Feeding of dog	mu ur-(gir ₁₅)-ra-še ₃
(29) Feeding of piglet	ga-bi ze ₂ -da šah ₂ gu ₇ -de ₃ / ga-bi šah ₂ ze ₂ -da gu ₇ -de ₃
(30) For jester-ship	(nam)-u ₄ -da-tuš-še ₃
(31) Swearing	(mu) lugal-(bi) in-pad ₃ “to swear by the name of king”
(32) At night(?)	a ₂ -ġi ₆ -il ₂ -la
(33) Returning	gi ₄ -gi ₄ -dam
(34) Not bringing	la-he-da ⁶⁵¹
(35) Compound	kaš-de ₂ -a u ₃ ša ₃ mu-DU-ta eš ₃ -eš ₃ -e ba-ab-dab ₅ / kaš-de ₂ -a PN, eš ₃ -eš ₃ u ₄ -sakar-ke ₄ ba-ab-dab ₅ , gu ₄ udu bala PN-ka ba-ši-ku ₅ / kaš-de ₂ -a PN, eš ₃ -eš ₃ -še ₃ ba-ab-dab ₅ , ša ₃ GN, gu ₄ udu bala PN-ka ba-ši-ku ₅

2.2.2.6.1 Primary Formulary

In all of formulae that record the transfers (i₃-dab₅) of animals from Aba-saga, two primary types of formulae are most frequently used in the texts: the first one (idab001), used in the records which contain the day date formula, consists of five components from (1) to (5); while the second one (idab002), used in the monthly records, is composed of four components: (1), (3), (4) and (5). Statistically the former, utilized in 2,313 texts, accounts for approximately eighty percent of all texts recording the transfers (i₃-dab₅) of animals from Aba-saga; while the latter (in 75 texts) accounts only for three percent. For these two primary formulae, refer to the following chart:

Type: idab001	Type: idab002
S	S
u ₄ N-kam	ki B-ta
ki B-ta	PN i ₃ -dab ₅
PN i ₃ -dab ₅	MY
MY	

2.2.2.6.2 Variants of Basic Formulary

The following six variants do not contain any non-standard components but are distinguished by the order of their components, compared with Basic Formulary. Two variants (idab006 and idab007) contain the element šu-niġin₂ “in total”, and one variant (idab008) adds the conclusive clause PNs ib₂-dab₅ “persons received/took”.

⁶⁵¹ Grammatically, la-he-da <= la.h-ed-a, from lah₅, lah₄ (plural stem of de₆) “to bring”, for example see the texts BPOA 1 927 and MVN 11 189.

idab003	idab004	idab005	idab006	idab007	idab008
S	S	<u>S, u₄ N-kam</u>	<u>S, u₄ N-kam</u>	<u>S, u₄ N-kam</u>	<u>S, PN i₃-dab₅</u>
ki B-ta	sum	ki B-ta	sum	šu-nigin ₂	u ₄ N-kam
PN i ₃ -dab ₅	u ₄ N-kam	PN i ₃ -dab ₅	šu-nigin ₂	sum	ki B-ta
u ₄ N-kam	ki B-ta	MY	ki B-ta	ki B-ta	PNs ib ₂ -dab ₅
MY	PN i ₃ -dab ₅		PN i ₃ -dab ₅	PN i ₃ -dab ₅	MY
	MY		MY	MY	

2.2.2.6.3 Variants with additional components

Apart from the above-mentioned two primary formulae and their six variants, there are a number of variants that contain one or more additional component(s) from (6) to (35). On the basis of additional components, these variants can be subdivided into the following categories (see Table 2.9):

Table 2.9 Formulae attested in the transfers of animals by Aba-saga

Type	Addition	Formula
idab009	(6)	S, u ₄ N-kam, mu-DU (lugal), ki B-ta, PN i ₃ -dab ₅ , MY
idab010	(6)	S, mu-DU (lugal), u ₄ N-kam, ki B-ta, PN i ₃ -dab ₅ , MY
idab011	(6)	S, mu-DU lugal, ki B-ta, PN i ₃ -dab ₅ , MY
idab012	(6)	<u>S, u₄ N-kam</u> , šu-niĝin ₂ ; mu-DU lugal, ki B-ta, PN i ₃ -dab ₅ , MY
idab013	(6)	S1 mu-DU u ₄ N-kam; <u>S2, u₄ N-kam</u> ; šu-niĝin ₂ ; ki B-ta, PN i ₃ -dab ₅ , MY
idab014	(6)	S1 mu-DU u ₄ N-kam; <u>S2, u₄ N-kam</u> ; šu-niĝin ₂ ; mu-DU, ki B-ta, PN i ₃ -dab ₅ , MY
idab015	(6)	<u>S1, M</u> ; S2; mu-DU lugal, ki B-ta, PN i ₃ -dab ₅ , Y
idab016	(6)	S, ša ₃ mu-DU PN, u ₄ N-kam, ki B-ta, PN i ₃ -dab ₅ , MY
idab017	(6a)	S, mu-DU ^d Šul-gi-ra, u ₄ N-kam, ki B-ta, PN i ₃ -dab ₅ , MY
idab018	(6b)	S, mu-DU bara ₂ ME- ^d Ištaran, ki B-ta, PN i ₃ -dab ₅ , MY ⁶⁵²
idab019	(7)	S, ki B-ta, mu PN1-še ₃ , PN2 i ₃ -dab ₅ , MY
idab020	(7)	S, u ₄ N-kam, mu PN1-še ₃ , ki B-ta, PN2 i ₃ -dab ₅ , MY
idab021	(7)	S, mu PN1-še ₃ , u ₄ N-kam, ki B-ta, PN2 i ₃ -dab ₅ , MY
idab022	(8)	S, ki B-ta, PN i ₃ -dab ₅ , ĝiri ₃ PN, MY
idab023	(8)	S, u ₄ N-kam, ki B-ta, PN i ₃ -dab ₅ , ĝiri ₃ PN, MY
idab024	(8)	S, ki B-ta, PN i ₃ -dab ₅ , ĝiri ₃ PN, u ₄ N-kam, MY
idab025	(8)	S, u ₄ N-kam, ĝiri ₃ PN, ki B-ta, PN i ₃ -dab ₅ , MY
idab026	(8)	S, ĝiri ₃ PN, u ₄ N-kam, ki B-ta, PN i ₃ -dab ₅ , MY
idab027	(8)	<u>S, ĝiri₃ PN</u> , ki B-ta, PN i ₃ -dab ₅ , MY
idab028	(8)	<u>S, ĝiri₃ PN</u> , u ₄ N-kam, ki B-ta, PN i ₃ -dab ₅ , MY ⁶⁵³
idab029	(8)	<u>S, ĝiri₃ PN</u> , šu-niĝin ₂ , ki B-ta, PN i ₃ -dab ₅ , MY ⁶⁵⁴
idab030	(8)	<u>S, ĝiri₃ PN, M</u> , šu-niĝin ₂ , sum, ki B-ta, PN i ₃ -dab ₅ , MY

⁶⁵² This formula is attested only in one text, PDT 1 308.

⁶⁵³ This formula is attested in the texts on the transfer (i₃-dab₅) of animals from Aba-saga only to Šu-Erra.

⁶⁵⁴ This formula is attested only in one text, AUCT 1 408.

Type	Addition	Formula
idab031	(9)	S, ki B-ta, PN i ₃ -dab ₅ , kišib PN, MY
idab032	(9)	S, kišib PN, ki B-ta, PN i ₃ -dab ₅ , MY
idab033	(9)	S, ki B-ta, u ₄ N-kam, PN i ₃ -dab ₅ , kišib PN, MY
idab034	(10)	S, ki B-ta, PN i ₃ -dab ₅ , ugula PN, MY ⁶⁵⁵
idab035	(11)	S, niġ ₂ -gur ₁₁ PN, ki B-ta, PN i ₃ -dab ₅ , MY
idab036	(12)	S, mu bala-še ₃ , ki B-ta, PN i ₃ -dab ₅ , MY
idab037	(12)	S, u ₄ N-km, mu bala PN-še ₃ , ki B-ta, PN i ₃ -dab ₅ , MY
idab038	(12)	S, bala PN, u ₄ N-kam, ki B-ta, PN i ₃ -dab ₅ , MY
idab039	(12)	S, u ₄ N-kam, bala PN, ki B-ta, PN i ₃ -dab ₅ , MY
idab040	(12)	S, bala PN, ki B-ta, PN i ₃ -dab ₅ , MY
idab041	(12)	S, bala PN-ka ba-an-zi, ki B-ta, PN i ₃ -dab ₅ , MY
idab042	(12)	<u>S, u₄ N-kam</u> , bala PN, ki B-ta, PN i ₃ -dab ₅ , MY
idab043	(12)	<u>S, u₄ N-kam</u> , šu-niġin ₂ , (sum), bala PN, ki B-ta, PN i ₃ -dab ₅ , MY
idab044	(12)	S1, mu bala-a-še ₃ , M; S2, mu-DU lugal, M, Y; S3, MY; šu-niġin ₂ , ki B-ta, PN i ₃ -dab ₅ ⁶⁵⁶
idab045	(13)	S, ki B-ta, PN1 i ₃ -dab ₅ , PN1 maškim ⁶⁵⁷
idab046	(14)	S, ša ₃ GN, u ₄ N-kam, ki B-ta, PN i ₃ -dab ₅ , MY
idab047	(14)	S, u ₄ N-kam, ša ₃ GN, ki B-ta, PN i ₃ -dab ₅ , MY
idab048	(14)	S, u ₄ N-kam, ki B-ta, PN i ₃ -dab ₅ , ša ₃ GN, MY
idab049	(14)	S, ki B-ta, PN i ₃ -dab ₅ , ša ₃ GN, MY
idab050	(15)	S, GN-še ₃ , ki B-ta, PN i ₃ -dab ₅ , u ₄ N-kam, MY
idab051	(15)	S, GN-še ₃ , u ₄ N-kam, ki B-ta, PN i ₃ -dab ₅ , MY
idab052	(15)	S, GN-še ₃ , ki B-ta, PN i ₃ -dab ₅ , MY
idab053	(15)	S, a-ša ₃ -še ₃ , ki B-ta, PN i ₃ -dab ₅ , MY
idab054	(15)	S, a-ri-a e ₂ DN-še ₃ , ki B-ta, PN i ₃ -dab ₅ , MY ⁶⁵⁸
idab055	(15)	S, e ₂ DN-še ₃ , ki B-ta, PN i ₃ -dab ₅ , MY
idab056	(16)	S, e ₂ -gal-la gub-ba, u ₄ N-kam, ki B-ta, PN i ₃ -dab ₅ , MY
idab057	(16)	S, e ₂ -gal-la gub-ba, ki B-ta, PN i ₃ -dab ₅ , MY
idab058	(16)	S, e ₂ GN gub-ba, u ₄ N-kam, ki B-ta, PN i ₃ -dab ₅ , MY
idab059	(18)	S šu-gid ₂ , u ₄ N-kam, ki B-ta, PN i ₃ -dab ₅ , MY
idab060	(18)	S u ₄ N-kam, šu-gid ₂ , ki B-ta, PN i ₃ -dab ₅ , MY
idab061	(18)	S1 šu-gid ₂ ; S2; u ₄ N-kam, ki B-ta, PN i ₃ -dab ₅ , MY
idab062	(18)	<u>S, u₄ N-kam</u> , šu-niġin ₂ , sum, šu-gid ₂ , ki B-ta, PN i ₃ -dab ₅ , MY
idab063	(19)	S, šu-la ₂ -a, ki B-ta, PN i ₃ -dab ₅ , MY
idab064	(19)	S, šu-la ₂ -a, u ₄ N-kam, ki B-ta, PN i ₃ -dab ₅ , MY

⁶⁵⁵ This formula is attested only in one text, AUCT 2 51.

⁶⁵⁶ This formula is unique, namely the month and year date formula attested not at the end, but at the middle of the text. It is unique that the clause ki Ab-ba-sa₆-ga-ta PN i₃-dab₅ occurs at the end of the text.

⁶⁵⁷ This formula is attested only in one text, AUCT 3 437. Note that except for this formula, all other formulae do not contain the component PN maškim.

⁶⁵⁸ This formula is attested only in one text, BPOA 6 31.

Type	Addition	Formula
idab065	(19)	S, u ₄ N-kam, šu-la ₂ -a, ki B-ta, PN i ₃ -dab ₅ , MY
idab066	(19)	<u>S, u₄ N-kam</u> , šu-la ₂ -a, ki B-ta, PN i ₃ -dab ₅ , MY
idab067	(19)	S, u ₄ N-kam, ki B-ta, šu-la ₂ -a, PN i ₃ -dab ₅ , MY
idab068	(20)	S, maš ₂ -da-re-a sipa-e-ne, ki B-ta, PN i ₃ -dab ₅ , MY ⁶⁵⁹
idab069	(21)	S, sa ₂ -du ₁₁ ku ₅ -ra ₂ , u ₄ N-kam, ki B-ta, PN i ₃ -dab ₅ , MY
idab070	(21)	S, sa ₂ -du ₁₁ ku ₅ -ra ₂ , ki B-ta, PN i ₃ -dab ₅ , MY
idab071	(21)	S, sa ₂ -du ₁₁ DN-še ₃ , ki B-ta, PN i ₃ -dab ₅ , MY
idab072	(21)	S, u ₄ N-kam, sa ₂ -du ₁₁ DN-še ₃ , ki B-ta, PN i ₃ -dab ₅ , MY
idab073	(22)	S, la ₂ -ia ₃ er ₂ -su ₃ -a, ki B-ta, PN i ₃ -dab ₅ , MY
idab074	(22)	S1, la ₂ -ia ₃ MY; S2, la ₂ -ia ₃ M, S3, la ₂ -ia ₃ M u ₄ N-kam, Y; ki B-ta, PN i ₃ -dab ₅ ⁶⁶⁰
idab075	(23)	S, ib ₂ -tak ₄ niĝ ₂ -kas ₇ -ak sila SIG ₇ -a, ki B-ta, PN i ₃ -dab ₅ , Y ⁶⁶¹
idab076	(23)	S, ib ₂ -tak ₄ mu-DU didli, u ₄ N-kam, ki B-ta, PN i ₃ -dab ₅ , MY ⁶⁶²
idab077	(24)	S, didli ša ₃ nu-zu-ta gur-ra, ki B-ta, PN i ₃ -dab ₅ , sum, Y ⁶⁶³
idab078	(25)	S, e ₂ -eš ₃ -eš ₃ didli-še ₃ , ki B-ta, PN i ₃ -dab ₅ , u ₄ N-kam, MY
idab079	(26)	S, kaš-de ₂ -a PN ki-ba ĝa ₂ -ĝa ₂ -dam, u ₄ N-kam, ki B-ta, PN i ₃ -dab ₅ , MY
idab080	(27)	S, u ₄ N-kam, gu ₄ PN ki-ba ĝa ₂ -ĝa ₂ -dam, ki B-ta, PN i ₃ -dab ₅ , MY
idab081	(28)	S, mu ur-(gir ₁₅)-ra-še ₃ , ki B-ta, PN i ₃ -dab ₅ , MY
idab082	(30)	S, u ₄ N-kam, ki B-ta, nam-u ₄ -da-tuš-še ₃ , PN i ₃ -dab ₅ , MY
idab083	(30)	S, u ₄ -da-tuš-še ₃ , u ₄ N-kam, ki B-ta, PN i ₃ -dab ₅ , MY
idab084	(31)	S, ki B-ta, PN i ₃ -dab ₅ , mu lugal in-pad ₃ , MY
idab085	(31)	S, ki B-ta, PN i ₃ -dab ₅ , MY, lugal in-pad ₃
idab086	(33)	S, ki B-ta, PN i ₃ -dab ₅ , ĝi ₄ -ĝi ₄ -dam, MY
idab087	(35)	S kaš-de ₂ -a u ₃ ša ₃ -mu-DU-ta eš ₃ -eš ₃ -e ba-ab-dab ₅ , ki B-ta, PN i ₃ -dab ₅ , kišib PN, MY ⁶⁶⁴
idab088	(35)	S kaš-de ₂ -a PN, eš ₃ -eš ₃ u ₄ -sakar-ke ₄ ba-ab-dab ₅ , gu ₄ udu bala PN-ka ba-ši-ku ₅ , ki B-ta, PN i ₃ -dab ₅ , MY ⁶⁶⁵
idab089	(35)	S kaš-de ₂ -a PN, eš ₃ -eš ₃ -še ₃ ba-ab-dab ₅ , ša ₃ GN, gu ₄ udu bala PN-ka ba-ši-ku ₅ , ki B-ta, PN i ₃ -dab ₅ , MY ⁶⁶⁶
idab090	(6), (7)	S, mu-DU lugal, mu PN1-še ₃ , ki B-ta, PN i ₃ -dab ₅ , MY
idab091	(6), (7), (8)	S PN1, ĝiri ₃ PN, mu-DU lugal, ki B-ta, PN2 i ₃ -dab ₅ , MY
idab092	(6), (7), (14), (15)	S1, u ₄ N-kam; <u>S2, ša₃ GN</u> , mu-DU lugal; S3, GN-še ₃ , S4, PN, ki PN1-ta; S5, GN-še ₃ , S6, PN, ki PN2-ta; šu-niĝin ₂ , ki B-ta, PN i ₃ -dab ₅ , MY ⁶⁶⁷

⁶⁵⁹ This formula is attested in the texts on the transfer (i₃-dab₅) of animals from Aba-saga only to Šu-Erra.

⁶⁶⁰ This formula is attested only in one text, PDT 1 637.

⁶⁶¹ This formula is attested only in one text, AUCT 1 178.

⁶⁶² This formula is attested only in one text, AUCT 3 298.

⁶⁶³ This formula is attested only in one text, AUCT 3 383.

⁶⁶⁴ This formula is attested only in one text, TCL 2 4687.

⁶⁶⁵ This formula is attested only in one text, PPAC 4 23.

⁶⁶⁶ This formula is attested only in one text, JCS 35 129 1.

⁶⁶⁷ This formula is attested only in one text, AuOr Suppl 11 19, on the transfer (i₃-dab₅) of animals from Aba-saga to Enlila.

Type	Addition	Formula
idab093	(6), (8), (15)	S1, a-ri-a e ₂ DN, ġiri ₃ PN; S2 mu-DU lugal, ġiri ₃ PN; ki B-ta, PN i ₃ -dab ₅ , MY
idab094	(6), (9)	mu-DU lugal, ki B-ta, PN i ₃ -dab ₅ , kišib PN
idab095	(6), (9)	<u>S, kišib PN, u₄ N-kam, M,</u> mu-DU lugal, ki B-ta, PN i ₃ -dab ₅ , MY ⁶⁶⁸
idab096	(6), (9), (22), (25), (31), (34)	S, la ₂ -ia ₃ mu-DU a ₂ -ki-ti še-KIN-ku ₅ , ki B-ta, PN i ₃ -dab ₅ , kišib PN, M u ₄ N zal-la-a, la-he-da, mu lugal-bi in-pad ₃ , Y ⁶⁶⁹
idab097	(6), (11)	S1, mu-DU u ₄ N-kam; S2, <u>u₄ N-kam,</u> mu-DU lugal; S3, <u>niġ₂-gur₁₁ PN, u₄ N-kam;</u> šu-niġin ₂ ; ki B-ta, PN i ₃ -dab ₅ , MY ⁶⁷⁰
idab098	(6), (12)	S, mu bala-a-še ₃ , mu-DU lugal, ki B-ta, PN i ₃ -dab ₅ , MY
idab099	(6), (14)	S, mu-DU lugal, ki B-ta, PN i ₃ -dab ₅ , ša ₃ GN, MY
idab100	(6), (15)	S, mu-DU lugal, GN-še ₃ , ki B-ta, PN i ₃ -dab ₅ , MY
idab101	(6), (15), (18)	S šu-gid ₂ , GN-ta ki PN, mu-DU, ki B-ta, PN i ₃ -dab ₅ , MY ⁶⁷¹
idab102	(7), (8)	<u>S, ġiri₃ PN,</u> ki B-ta, mu PN1-še ₃ , PN i ₃ -dab ₅ , Y
idab103	(7), (19)	S, mu nin-še ₃ , šu-la ₂ -a, ki B-ta, PN i ₃ -dab ₅ , MY
idab104	(8), (9)	S, ki B-ta, PN i ₃ -dab ₅ , kišib PN, ġiri ₃ PN, MY
idab105	(8), (9), (17)	S1, e ₂ -kišib-ba-ta; S2, <u>ġiri₃ PN;</u> ki B-ta, PN i ₃ -dab ₅ , kišib PN, MY
idab106	(8), (10)	<u>S, ġiri₃ PN, ugula PN,</u> u ₄ N-kam, ki B-ta, PN i ₃ -dab ₅ , MY ⁶⁷²
idab107	(8), (10)	S, u ₄ N-kam, ġiri ₃ PN, ki B-ta, PN i ₃ -dab ₅ , ugula PN, MY ⁶⁷³
idab108	(8), (12)	S, bala PN, ġiri ₃ PN, ki B-ta, PN i ₃ -dab ₅ , MY
idab109	(8), (12)	S, ki B-ta, PN i ₃ -dab ₅ , ġiri ₃ PN, bala PN, MY
idab110	(8), (12), (21)	S, sa ₂ -du ₁₁ ku ₅ -ra ₂ , bala PN, ġiri ₃ PN, ki B-ta, PN i ₃ -dab ₅ , MY
idab111	(8), (14), (15)	S, e ₂ -udu-niga-še ₃ , ša ₃ GN, ġiri ₃ PN, ki B-ta, PN i ₃ -dab ₅ , MY
idab112	(8), (14), (15)	S, e ₂ -udu-niga-še ₃ , ša ₃ GN, ġiri ₃ PN, u ₄ N-kam, ki B-ta, PN i ₃ -dab ₅ , MY
idab113	(8), (15)	S, e ₂ DN-še ₃ , u ₄ N-kam, ki B-ta, PN i ₃ -dab ₅ , ġiri ₃ PN, MY
idab114	(8), (15)	S, e ₂ -udu-niga-še ₃ , ki B-ta, PN i ₃ -dab ₅ , ġiri ₃ PN, MY
idab115	(8), (16)	S1, e ₂ -gal-la gub-ba, ġiri ₃ PN; S2; u ₄ N-kam, ki B-ta, PN i ₃ -dab ₅ , MY
idab116	(8), (16)	S1, e ₂ -gal GN-ka gub-ba, ġiri ₃ PN; S2; u ₄ N-kam, ki B-ta, PN i ₃ -dab ₅ , MY
idab117	(8), (18)	S šu-gid ₂ , ġiri ₃ PN, u ₄ N-kam, ki B-ta, PN i ₃ -dab ₅ , MY
idab118	(8), (18)	S šu-gid ₂ , u ₄ N-kam, ġiri ₃ PN, ki B-ta, PN i ₃ -dab ₅ , MY
idab119	(8), (18), (22)	S1 la ₂ -ia ₃ su-ga, ġiri ₃ PN, M; S2 šu-gid ₂ , ġiri ₃ PN, M; S3 šu-gid ₂ , M; šu-niġin ₂ , sum, ki B-ta, PN i ₃ -dab ₅ , Y
idab120	(8), (19)	<u>S, ġiri₃ PN,</u> šu-la ₂ -a, ki B-ta, PN i ₃ -dab ₅ , MY
idab121	(8), (19)	<u>S, ġiri₃ PN,</u> šu-niġin ₂ , šu-la ₂ -a, ki B-ta, PN i ₃ -dab ₅ , MY
idab122	(9), (25)	S, eš ₃ -eš ₃ u ₄ -sakar-še ₃ , u ₄ N-kam, ki B-ta, PN i ₃ -dab ₅ , kišib PN, MY
idab123	(9), (29)	S, ga-bi ze ₂ -da šah ₂ gu ₇ -de ₃ , ki B-ta, PN i ₃ -dab ₅ , kišib PN, MY

⁶⁶⁸ This formula is attested only in one text, MVN 3 348.

⁶⁶⁹ This formula is attested only in one text, AUCT 3 307.

⁶⁷⁰ This formula is attested only in one text, Nisaba 8 68.

⁶⁷¹ This formula is attested only in one text, BPOA 7 2912.

⁶⁷² This formula is attested in the texts on the transfer (i₃-dab₅) from Aba-saga only to Nur-Suen.

⁶⁷³ This formula is attested only in one text on the transfer (i₃-dab₅) from Aba-saga only to Nur-Suen.

Type	Addition	Formula
		S, ga-bi šah ₂ ze ₂ -da gu ₇ -de ₃ , ki B-ta, PN i ₃ -dab ₅ , kišib PN, MY ⁶⁷⁴
idab124	(12), (19)	S1 šu-la ₂ -a didli; S2 bala-a zi-ga; ki B-ta, PN i ₃ -dab ₅ , Y
idab125	(12), (19)	S šu-la ₂ -a, bala PN, u ₄ N-kam, ki B-ta, PN i ₃ -dab ₅ , MY
idab126	(12), (25)	S, eš ₃ -eš ₃ -še ₃ , ki B-ta, bala PN ba-an-zi, PN i ₃ -dab ₅ , u ₄ N-kam, MY
idab127	(12), (32)	S, bala-a zi-ga, ša ₃ a ₂ -ĝi ₆ -il ₂ -la, ki B-ta, PN i ₃ -dab ₅ , MY ⁶⁷⁵
idab128	(14), (21)	S, sa ₂ -du ₁₁ ku ₅ -ra ₂ , u ₄ N-kam, ki B-ta, PN i ₃ -dab ₅ , ša ₃ GN, MY
idab129	(14), (21)	S, sa ₂ -du ₁₁ DN-še ₃ , ki B-ta, PN i ₃ -dab ₅ , ša ₃ GN, MY
idab130	(14) (22)	S, ki B-ta, la ₂ -ia ₃ ša ₃ udu PN, PN i ₃ -dab ₅ , ša ₃ GN, MY

2.2.2.7 Summary

The total number of animals, which were transferred from Aba-saga to bureaus and individuals, is given below (see Table 2.10):

Table 2.10 Statistics of the number of animals transferred from Aba-saga to bureaus and individuals

Transferor	Ox	Sheep	Goat	Wild/Rare	Subtotal
Bureaus	5,456+	59,858+	30,075+	1,793	97,208+ ⁶⁷⁶
Royal	0	0+	0	0	0+
ensi ₂	1,271	7,316+	4,732	52	13,371+
PNs with titles	290	8,710+	3,995	400+	13,395+
PNs not titles	818+	9,401+	3,795+	207	14,221+
Total:	7,835+	85,285+	42,597+	2,452	138,195+

2.2.3 The receipt of deliveries (mu-DU) of animals

Apart from expending (ba-zi, i₃-dab₅) animals, Aba-saga received (i₃-dab₅) animals from the individual deliveries (mu-DU). On the basis of the contents and text formulae, the records can be subdivided into three categories:

- (A) Subject (i.e. animals) added with the deliverer (S, PN);
- (B) Subject added with the origin (S, ki PN-ta);
- (C) Subject added with additional components, e.g. the destination.

In Type (A), the overseer (ugula) is mostly attested when the deliverers refer to troops (erin₂) or captains (nu-banda₃). In Type (B) and Type (C), the ĝiri₃ officials are frequently mentioned, possibly for the reason of the omission of the deliverers.

⁶⁷⁴ This formula is attested only in one text, CTMMA 1 15. The phrase ga-bi šah₂ ze₂-da gu₇-de₃ means “its milk to feed the piglet”.

⁶⁷⁵ This formula is attested only in one text, TSU 69.

⁶⁷⁶ Note that another 26 animals are the mixture of sheep and goats, and it is unclear whether they should belong to sheep, or to goats. But they are added to the sum of animals. See the transfer from Aba-saga to Ur-tur.

2.2.3.1 The individual deliveries

Aba-saga received (i₃-dab₅) the deliveries (mu-DU) of animals of numerous individuals or groups. Based on their different titles, they are subdivided into the following categories.

2.2.3.1.1 Members of the royal household

Aba-saga received (i₃-dab₅) the deliveries (mu-DU) of animals of five sons and one daughter of the king Amar-Suen between AS 4 ix m 27 and AS 5 xii 23. They are Dada (1 sheep)⁶⁷⁷, Inim-Nanna (1 sheep, 2 deer)⁶⁷⁸, Lugal-azida (1 goat)⁶⁷⁹, Nanna-ma(n)ba (6 sheep)⁶⁸⁰, Šu-Suen (11 sheep, 5 goats)⁶⁸¹, and ME-Ištaran (1 sheep)⁶⁸².

2.2.3.1.2 Provincial governors (ensi₂)

Aba-saga received (i₃-dab₅) the deliveries (mu-DU) of animals of the following 28 provincial governors:

Adab:	Habaluge ⁶⁸³
Apiak:	Šarrum-bani ⁶⁸⁴
Babylon:	Aršiah ⁶⁸⁵
Ereš:	Ur-Bau ⁶⁸⁶
Eshnuna:	Kalamu ⁶⁸⁷
Girsu:	Nanna-zišaġal ⁶⁸⁸ , Šarakam ⁶⁸⁹ , Ur-Lamma ⁶⁹⁰ , <i>unnamed</i> ⁶⁹¹
Girtab:	<i>Unnamed</i> ⁶⁹²
Gudua:	Gudea ⁶⁹³

⁶⁷⁷ Da-da dumu lugal: OIP 121 101:2 = South Dakota 58:rev i 23 (AS 5 xii 23).

⁶⁷⁸ Inim-^dNanna dumu lugal: CST 323:4 (AS 5 vi 30).

⁶⁷⁹ Lugal-a₂-zi-da dumu lugal: Nisaba 8 37:rev i 17 (AS 4 ix m 27).

⁶⁸⁰ ^dNanna-ma-an-ba dumu lugal: JANES 9 21 3:4 = StLouis 111:4 (AS 5 ii 17).

⁶⁸¹ Šu-^dEN.ZU dumu lugal: HUCA 29 73 2:4 (AS 5 iii 21).

⁶⁸² ME-^dIštaran: MVN 15 321:2 (AS 5 ix 11).

⁶⁸³ (Ha-ba-lu₅-ge₂) ensi₂ Adab^{ki}: OrSP 47-49 71:2 (AS 2 v 24); Fs Levine 115-119:obv iii 33 (AS 2 xi 10); Rochester 40:7 (AS 3 i 21); Princeton 2 414:2 (AS 3 xii 26); MVN 1 127:11 (AS 5 i 29); TCND 63:4 (AS 5 v 3); YOS 18 10:8 (AS 5 v 26); Nik 2 459:9 (AS 5 xi 9); BIN 3 605:1 (AS 5 xi 23); South Dakota 58:obv iii 10 (AS 5 xii 11); UCP 9-2-2 36:2 (AS 5 xii 18); YOS 4 62:2 (AS 6 i 5); BIN 3 466:6 = YOS 15 158:obv i 6 (AS 6 iii 1); ASJ 19 201 6:2 (AS 6 ix 15); YOS 15 158:obv iii 29 (AS X X 11).

⁶⁸⁴ (Šar-ru-ba-ni) ensi₂ A-pi₂-ak^{ki}: RA 76 14:2 (AS 5 iii 19); TCL 2 5504:rev i 2 (AS 5 x 9); South Dakota 58:obv iii 7 (AS 5 xii 11).

⁶⁸⁵ Ar-ši-ah ensi₂ (Babilim^{ki}): MVN 13 425:8 (AS 5 vii 25); TCL 2 5504:rev i 16 (AS 5 x 9).

⁶⁸⁶ (Ur-^dBa-u₂) ensi₂ (Ereš^{ki}): Rochester 40:1 (AS 3 i 21); South Dakota 58:obv i 10 (AS 5 xii 3); ArOr 25 562 24:5 (AS 5 iv 5).

⁶⁸⁷ Kal-la-mu ensi₂ (Aš₂-nun^{ki}): SAT 2 799:4 (AS 4 xi 1); TCL 2 5504:rev i 18 (AS 5 x 9).

⁶⁸⁸ (^dNanna-zi-ša₃-ġal₂) ensi₂ Ġir₂-su^{ki}: AUCT 1 940:12 (AS 4 vi 26).

⁶⁸⁹ Šara₂-kam ensi₂ (Ġir₂-su^{ki}): NYPL 198:6 (AS 5 iii 7); AUCT 1 93:13 (AS 5 iv 10); MVN 13 848:2 (AS 5 vi 17); CST 323:7 (AS 5 vi 30); Nik 2 448:11 (AS 5 viii 28); TCL 2 5504:rev ii 9 (AS 5 x 9); South Dakota 58:obv i 2 (AS 5 xii 1); South Dakota 58:obv i 17 (AS 5 xii 4).

⁶⁹⁰ (Ur-^dLamma) ensi₂ Ġir₂-su^{ki}: ASJ 9 266 68:5 (AS 2 ii 29); BIN 3 53:5 (AS 2 v 23); Fs Levine 115-119:obv ii 1 (AS 2 xi 5); Fs Levine 115-119:obv vi 48⁷ (AS 2 xi 17); Fs Levine 115-119:rev iii 4 (AS 2 xi 30); Ontario 1 69:7 (AS 3 ix 4).

⁶⁹¹ ensi₂ Ġir₂-su^{ki}: BPOA 7 2471:3 (AS X X 29). It is difficult to identify the name of the governor because of the lacked date.

⁶⁹² ensi₂ Ġir₁₃-tab^{ki}: SumRecDreh 14:7 (AS 2 iv 23); Fs Levine 115-119:rev iii 5 (AS 2 xi 30); TCL 2 5504:obv ii 21 (AS 5 x 9). For the GN Ġir₁₃-tab^{ki} probably identical with Ġir₁₃-ġiš^{ki}, see Carroué 1983.

⁶⁹³ Gu₃-de₂-a ensi₂ (Gu₂-du₈-a^{ki}): OIP 121 83:17 (AS 5 iii 26); AUCT 1 93:10 (AS 5 iv 10); CST 313:11 (AS 5 iv 27); YOS 18 10:6 (AS 5 v 26); OrSP 18 pl.6 20:9 (AS 5 viii 12); MVN 4 116:10 (AS 5 viii 25); TCL 2 5504:obv ii

Harši:	Adda-gina ⁶⁹⁴
Išim-Šulgi:	Ahuwaqar ⁶⁹⁵ , Ur-sasaga ⁶⁹⁶
Karhar:	Ea-rabi ⁶⁹⁷
Kazallu:	Apilaša ⁶⁹⁸ , Šu-Mama ⁶⁹⁹
Kish:	Ugula ⁷⁰⁰
Marda:	Lišanum ⁷⁰¹
Nippur:	Lugal-melam ⁷⁰²
Sippar:	Nur-Dagan ⁷⁰³
Susa and Assur:	Zariq ⁷⁰⁴
Šuruppag:	Lu-balasaga ⁷⁰⁵ , Ur-Ninkura ⁷⁰⁶ , <i>unnamed</i> ⁷⁰⁷
Šimanum:	Bušam ⁷⁰⁸
Umma:	A'a-kala ⁷⁰⁹ , Ur-Lisi ⁷¹⁰ , <i>unnamed</i> ⁷¹¹

11 (AS 5 x 9); South Dakota 58:obv iv 25 (AS 5 xii 15); South Dakota 58:obv iv 32 (AS 5 xii 16); JAOS 33 172 5:20 (AS 8 ix 12); YOS 15 158:obv ii 15 (AS X X 5); YOS 15 158:obv ii 22 (AS X X 6).

⁶⁹⁴ Ad-da-gi-na ensi₂ Ha-ar-ši^{ki}: TCND 68:1 (AS 5 viii 7).

⁶⁹⁵ A-hu-wa-qar ensi₂ (I-šim-^dŠul-gi^{ki}): AUCT 2 241:2 (AS 6 v 13); Princeton 2 102:2 (AS 7 v 20); NYPL 327:3 (AS 7 vi 22).

⁶⁹⁶ Ur-sa₆-sa₆-ga ensi₂ (I-šim-^dŠul-gi^{ki}): BIN 3 538:7 (AS 5 i 8); NYPL 327:4 (AS 7 vi 22).

⁶⁹⁷ E₂-a-ra-bi₂ ensi₂ Kar₂-har^{ki}: OIP 121 97:4 (AS 5 ix 22).

⁶⁹⁸ A₂-pi₅-la-ša (ensi₂ Ka-zal-lu^{ki}): Nisaba 8 37:obv ii 7 (AS 4 viii 30); MVN 1 127:10 (AS 5 i 29); PDT 1 167:14 (AS 5 iv 24); OIP 121 93:4 (AS 5 vii 16); OIP 121 94:5 (AS 5 vii 17); TCND 69:3 (AS 5 ix 16); TCL 2 5504:obv i 12 (AS 5 x 9); JAOS 33 172 5:1 (AS 8 ix 12). For Apilaša the governor of Kazallu, see Kutscher 1968.

⁶⁹⁹ Šu-Ma-ma ensi₂ (Ka-zal-lu^{ki}): Nisaba 8 37:obv i 1 (AS 4 ii 16); AAICAB 1/2 pl.155 1971-395:18 (AS 5 iii 25); TCND 68:5 (AS 5 viii 7); KM 89225:21 (AS 5 viii 13); TCL 2 5504:rev i 23 (AS 5 x 9).

⁷⁰⁰ (U₂-gu-la) ensi₂ Kiš^{ki}: PDT 2 1231:1 (AS 3 x 13); AUCT 1 267:2 (AS 5 v 10); Hirose 158:3 (AS 5 vi 2).

⁷⁰¹ (Li-ša-num₂) ensi₂ (Mar₂-da^{ki}): Fs Levine 115-119:rev ii 22 (AS 2 xi 26); Nisaba 8 81:4 (AS 5 vi 6); SA 35:19 (AS 5 vi 12); DoCu 256:6 (AS 5 viii 30); TCL 2 5504:rev i 17 (AS 5 x 9).

⁷⁰² (Lugal-me-lam₂) ensi₂ (Nibrū^{ki}): OIP 121 75:3 (AS 2 iii 17); SumRecDreh 14:4 (AS 2 iv 23); Akkadica 114-115 102 34:6 (AS 2 v 28); MVN 13 845:6 (AS 2 x 20); Fs Levine 115-119:obv i 12' (AS 2 xi 2); Fs Levine 115-119:obv iv 31' (AS 2 xi 12); Fs Levine 115-119:rev ii 26 (AS 2 xi 26); SAT 2 774:4 (AS 4 ix 25); YOS 15 172:4 (AS 4 ix 27); PDT 2 1256:1 = Nisaba 8 37:rev i 7 (AS 4 ix m 19); Nisaba 8 37:rev i 15 (AS 4 ix m 27); MVN 13 662:10 (AS 5 i 10); CST 305:10 (AS 5 ii 28); TCND 61:5 (AS 5 iii 4); PDT 1 9:4 (AS 5 iii 10); RA 76 14:3 (AS 5 iii 19); BIN 3 537:4 (AS 5 iii 29); AUCT 1 93:3 (AS 5 iv 10); MVN 11 152:13 (AS 5 iv 19); TCND 65:8 (AS 5 v 20); TCND 66:4 (AS 5 v 23); PDT 1 166:16 (AS 5 v 25); Hirose 158:7 (AS 5 vi 2); Nisaba 8 81:2 (AS 5 vi 6); MVN 13 848:14 (AS 5 vi 17); JCS 23 113 25:1 (AS 5 vi 28); PDT 1 8:2 (AS 5 vii 5); OIP 121 92:4 (AS 5 vii 11); OIP 121 93:3 (AS 5 vii 16); MVN 4 116:8 (AS 5 viii 25); CDLJ 2012/1 4.21:rev 6' (AS 5 x 3); NYPL 5:4 (AS 5 x 6); MVN 13 458:3 (AS 5 x 8); TCL 2 5504:obv ii 12 (AS 5 x 9); South Dakota 58:obv i 12 (AS 5 xii 3); South Dakota 58:obv iii 22 (AS 5 xii 12); South Dakota 58:obv v 23 (AS 5 xii 20); South Dakota 58:rev i 15 (AS 5 xii 22); SAT 2 996:3 (AS 6 iii 27); YOS 15 158:obv ii 7 (AS X X 4); PDT 2 915:3 (AS X X 7); YOS 15 158:obv iv 11 (AS X X 13); YOS 15 158:rev ii 19 (AS X X 26).

⁷⁰³ Nu-ur₂-^dDa-gan ensi₂ (Zimbir^{ki}): MVN 13 640:7 (AS 5 v 29); BIN 3 139:17 (AS 7 viii 13).

⁷⁰⁴ Za-ri₂-iq <lu₂/ensi₂> Su-sin₂^(ki): PDT 2 1266:10 (AS 3 xii 19). Za-ri₂-iq lu₂ Aš-šur₅^{ki}: UCP 9-2-2 36:1 (AS 5 xii 18); South Dakota 58:rev i 8 (AS 5 xii 22). For Zariq, see Maeda 1992 and Michalowski 2009: 152.

⁷⁰⁵ (Lu₂-bala-sa₆-ga) ensi₂ (Šuruppag^{ki}): Erm 14754:3 (AS 5 i 16); PDT 1 14:1 (AS 5 i 21); KM 89262:30 (AS 5 ii 2); NYPL 198:4 (AS 5 iii 7); OIP 121 83:5 (AS 5 iii 26); ASJ 12 41 10:3 (AS 5 iv 30); Tavollette 326:15 (AS 5 v 25); OIP 121 90:2 (AS 5 vi 15); OIP 121 93:1 (AS 5 vii 16); MVN 4 116:11 (AS 5 viii 25); CST 332:2 (AS 5 ix 8); SAT 2 996:4 (AS 6 iii 27); OIP 121 103:3 (AS 6 ix 28).

⁷⁰⁶ (Ur-^dNin-kur-ra) ensi₂ (Šuruppag^{ki}): MVN 10 130:8 (AS 4 xi 3); JAOS 33 172 5:9 (AS 8 ix 12); OIP 121 109:7 (AS 8 xii 19).

⁷⁰⁷ ensi₂ Šuruppag^{ki}: Fs Levine 115-119:obv ii 2 (AS 2 xi 5); Akkadica 78 11:10 (AS 3 vi 20). This unnamed governor of Šuruppag may be Ahua (A-hu-a ensi₂ Šuruppag^{ki}, UCP 9-2-1 13, AS 1 viii) or Ur-Ninkura.

⁷⁰⁸ Bu-ša-am lu₂ Ši-ma-nu-um^{ki}: YOS 15 158:obv iii 9 (AS X X 8). In this case, the term lu₂ probably equals with the term ensi₂ (see the text Trouville 84 (AS 6 iv): Bu-ša-am ensi₂ Si-ma-num₂^{ki}). For this person and other foreign emissaries, see Sharlach 2005. For the GN Šimanum (or Simanum), see Michalowski 1975.

⁷⁰⁹ (A-a-kal-la) ensi₂ (Umma^{ki}): Erm 14852:1 (AS 8 x 8); PDT 1 561:18 (AS 9 vi 6).

Urum: Ur-Suen⁷¹²

Urusağrig: Ur-mes⁷¹³

2.2.3.1.3 People with regional or ethnic origins

Aba-saga received (i₃-dab₅) the deliveries (mu-DU) of animals of the following 69 individuals who did not hold titles but were distinguishable on the grounds of either their regional or ethnic origins. They consist of two sorts: one sort (13 individuals) is associated with the site where they came from, phrased by PN lu₂ GN “PN of GN”; while another type does not mention the exact cities or sites but the “ethnic” origin, including three persons identified with Elamites (PN Elam) and 52 Amorites (PN mar-tu). They and their personal names are given below:

(1) 13 individuals from defined sites

Der: Dan-ili (1 sheep)⁷¹⁴;

Ebla: Nur-ili (11 sheep, 1 goat)⁷¹⁵;

Guhziga: Šu-Ea (2 oxen, 11 sheep, 9 goats)⁷¹⁶;

Harši: Kiusuh (10 goats)⁷¹⁷;

HU.ERIN: Itizu (1 ox, 1 goat)⁷¹⁸;

Kimaš: Hun-hili (2 oxen, 1 goat)⁷¹⁹, Rašiši (2 oxen, 1 goat)⁷²⁰, U-du (1 ox)⁷²¹;

Mardaman: NE-riš-atal (2 deer)⁷²²;

Mari: Akbani (1 goat)⁷²³;

⁷¹⁰ (Ur-^dLi₉-si₄) ensi₂ Umma^{ki}: Princeton 2 96:9 (AS 1 ix 11); BIN 3 522:2 (AS 2 v 2); KM 89262:31 (AS 5 ii 2); JANES 9 21 3:15 = StLouis 111:15 (AS 5 ii 17); AAICAB 1/2 pl.155 1971-395:22 (AS 5 iii 25); TRU 123:4 (AS 5 iv 13); PDT 2 1066:2 (AS 5 iv 14); OIP 121 87:6 (AS 5 v 2); Hirose 158:5 (AS 5 vi 2); MVN 4 116:12 (AS 5 viii 25); OIP 121 97:23 (AS 5 ix 22); NYPL 5:5 (AS 5 x 6); TCL 2 5504:rev i 9 (AS 5 x 9); Ontario 1 71:6 (AS 5 xi 21); ASJ 19 201 6:6 (AS 6 ix 15).

⁷¹¹ ensi₂ Umma^{ki}: YOS 15 158:obv iv 14 (AS X X 13). It is difficult to identify the name because of the lacked date.

⁷¹² (Ur-^dEN.ZU) ensi₂ Urum_x(UR₂xU₂)^{ki}: JANES 9 21 3:6 = StLouis 111:6 (AS 5 ii 17); MVN 11 156:3 (AS 5 iii 11); ArOr 25 562 24:6 (AS 5 iv 5); MVN 13 640:9 (AS 5 v 29); PDT 1 118:2 (AS 5 v 30); South Dakota 58:obv ii 2 (AS 5 xii 7); TRU 121:5 = South Dakota 58:obv v 34 (AS 5 xii 21). For the toponym UR₂xU₂, see Steinkeller 1980.

⁷¹³ Ur-mes ensi₂ (Uru-sağ-rig-^{ki}): MVN 10 130:7 (AS 4 xi 3); JCS 23 113 23:13 (AS 5 i 23); BIN 3 533:6 (AS 5 i 26); OIP 121 82:4 (AS 5 iii 20); HUCA 29 73 2:6 (AS 5 iii 21); AAICAB 1/2 pl.155 1971-395:19 (AS 5 iii 25); OIP 121 83:12 (AS 5 iii 26); PDT 1 167:1 (AS 5 iv 24); OIP 121 87:4 (AS 5 v 2); CDLJ 2007/1 3.16:13 (AS 5 v 4); TCND 64:4 (AS 5 v 11); PDT 1 166:17 (AS 5 v 25); Tavolette 326:11 (AS 5 v 25); Nisaba 8 382:10 (AS 5 v 27); UCP 9-2-2 56:2 (AS 5 vii 2); MVN 13 454:16 (AS 5 vii 15); UCP 9-2-2 35:2 (AS 5 vii 23); Erm 14669:5 (AS 5 vii 26); MVN 4 116:2 (AS 5 viii 25); Nik 2 448:12 (AS 5 viii 28); DoCu 256:8 (AS 5 viii 30); ASJ 7 122 1:2 (AS 5 ix 10); MVN 13 458:2 (AS 5 x 8); TCL 2 5504:obv ii 4 (AS 5 x 9); PDT 1 5:4 (AS 5 x 11); OIP 121 100:11 (AS 5 xi 11); South Dakota 58:obv i 19 (AS 5 xii 4); South Dakota 58:obv iii 6 (AS 5 xii 11); South Dakota 58:obv iv 14 (AS 5 xii 14); South Dakota 58:obv v 24 (AS 5 xii 20); TRU 121:7 = South Dakota 58:obv v 37 (AS 5 xii 21); OIP 121 101:1 = South Dakota 58:rev i 22 (AS 5 xii 23); UDT 131:5 (AS 6 iii 4); MVN 13 463:4 (AS 6 vii 12); YOS 15 158:obv i 13 (AS X X 2); YOS 15 158:obv iv 10 (AS X X 13).

⁷¹⁴ Dan-i₃-li₂ lu₂ BAD₃.AN^{ki}: BIN 3 53:4 (AS 2 v 23). For this PN, see Hilgert 2002: 281.

⁷¹⁵ Nu-ur₂-i₃-li₂ lu₂ dur Eb-la^{ki}: MVN 11 156:5 (AS 5 iii 11); MVN 11 140:20 (AS 5 ix 9).

⁷¹⁶ Šu-e₂-a lu₂ Gu-uh₂-zi-ga^{ki}: PDT 2 1237:3 (AS 7 xi 14).

⁷¹⁷ Ki-u₃-suh₅ lu₂ Ha-ar-ši^{ki}: Iraq 41 125 3:4 (AS 2 iv 18).

⁷¹⁸ I-ti-zu lu₂ HU.ERIN^{ki}: AAICAB 1/2 pl.155 1971-395:21 (AS 5 iii 25). For this PN, see Hilgert 2002: 301 (I-di₃-ZU).

⁷¹⁹ Hu-un-hi-li <lu₂ Ki-maš^{ki}>: TCND 67:2,5 (AS 5 vii 4).

⁷²⁰ Ra-ši-ši <lu₂ Ki-maš^{ki}>: TCND 67:4,5 (AS 5 vii 4).

⁷²¹ U₂-du lu₂ Ki-maš^{ki}: Syracuse 328:1 (AS 6 xii 28).

⁷²² NE-ri-iš-a-tal lu₂ Ma-ar-da-ma-na^{ki}: NYPL 5:2 (AS 5 x 6).

Mašatum: Bu-ul[...] (1 ox)⁷²⁴;
Maškan-šarrum: Amar-Suen-hamati (1 ox, 5 sheep, 5 goats)⁷²⁵, BAD-ili (1 ox, 5 sheep, 5 goats)⁷²⁶;

(2) 3 Elamites

IGI-ingi (1 sheep)⁷²⁷, Te'u (1 sheep)⁷²⁸, Ur-Ningal (1 sheep)⁷²⁹

(3) 52 Amorites

Agganum (3 sheep, 1 goat)⁷³⁰, Agium (2 sheep)⁷³¹, Ahašum (2 goats)⁷³², AH-BU-rum (2 oxen)⁷³³, A-KU-um (4 sheep)⁷³⁴, Amur-dakum (1 sheep, 1 goat)⁷³⁵, Anana (4 sheep)⁷³⁶, Anetitanu (2+ sheep)⁷³⁷, Anid (8 sheep, 2 goats)⁷³⁸, Anuil (1 sheep)⁷³⁹, Awanum (5 sheep, 5 goats)⁷⁴⁰, Balanum (3 sheep)⁷⁴¹, Baluza (1 sheep)⁷⁴², Danabit (4 sheep)⁷⁴³, Ebišehu (1 sheep, 2 goats)⁷⁴⁴, Ia'amu'ubian (5 sheep)⁷⁴⁵, Iban (5 sheep, 1 goat)⁷⁴⁶, Ibila-ilum (1 sheep, 1 goat)⁷⁴⁷, Idašu (1 sheep, 2 goats)⁷⁴⁸, IG-dau (2 sheep)⁷⁴⁹, Ikunum (2 sheep, 1 goat)⁷⁵⁰, Ilantida (3 goats)⁷⁵¹, Ilanum (3 sheep)⁷⁵², Ilum-abum (8 sheep)⁷⁵³, Ingimum (3 sheep)⁷⁵⁴, Išme-ilum (4 sheep)⁷⁵⁵, Izare'um (2 sheep, 3 goats)⁷⁵⁶, Kulkunum (2 oxen, 5 sheep)⁷⁵⁷, Ku'u-NI-u (2 sheep)⁷⁵⁸, La'anum (3 sheep)⁷⁵⁹, Lazemanum (5 sheep, 1 goat)⁷⁶⁰, Lu-Ea (1 ox)⁷⁶¹, Lu-re'u (3 sheep)⁷⁶², Lu'unu (4 sheep)⁷⁶³, Malia (2 oxen)⁷⁶⁴, Maniganum (3

⁷²³ Ak-ba-ni lu₂ Ma-ri₂^{ki}: MVN 11 152:6 (AS 5 iv 19).

⁷²⁴ Bu-ul[...] lu₂ Ma-ša-tum^{ki}: OIP 121 105:1 (AS 8 i 8).

⁷²⁵ ^dAmar-^dEN.ZU-ha-ma-ti <lu₂ Maš-kan₂-šar-ru-um^{ki}>: CDLJ 2007/1 3.16:5,8 (AS 5 v 4).

⁷²⁶ BAD₃-i₃-li₂ <lu₂ Maš-kan₂-šar-ru-um^{ki}>: CDLJ 2007/1 3.16:7,8 (AS 5 v 4).

⁷²⁷ IGI-in-gi₄ Elam: OIP 121 76:7 (AS 2 iv 27).

⁷²⁸ Te-u₃ Elam: NYPL 5:7 (AS 5 x 6).

⁷²⁹ Ur-^dNin-gal Elam: Akkadica 78 11:11 (AS 3 vi 20).

⁷³⁰ Ag-ga-nu-um <mar-tu>: AAICAB 1/2 pl.155 1971-395:4,16 (AS 5 iii 25).

⁷³¹ A-gi₄-um <mar-tu>: AAICAB 1/2 pl.155 1971-395:1,16 (AS 5 iii 25).

⁷³² A-ha-šu <mar-tu>: PDT 2 915:20,21 (AS X X 7).

⁷³³ AH-BU-ru-um <mar-tu>: OIP 121 91:9,13 (AS 5 vii 6). For this PN, see Hilgert 2002: 224.

⁷³⁴ A-KU-um <mar-tu>: Tavolette 326:7,8 (AS 5 v 25). For this PN, see Buccellati 1966: 133.

⁷³⁵ A-mur-da-ku-um <mar-tu>: Fs Lipinski 215 Kerr 1:33,34 (AS 5 vi 27). For this PN, see Owen 1995: 216.

⁷³⁶ A-na-na <mar-tu>: Fs Levine 115-119:obv i 37' (AS 2 xi 5). For this PN, see Buccellati 1966: 134.

⁷³⁷ A-ne-ti-ta-nu <mar-tu>: AUCT 1 940:9,10 (AS 4 vi 26).

⁷³⁸ A₂-ni-id <mar-tu>: OIP 121 91:7,13 (AS 5 vii 6).

⁷³⁹ A-nu-il <mar-tu>: AuOr Suppl.11 550:7,8 (AS X X 9).

⁷⁴⁰ A-wa-nu-um mar-tu: MVN 13 640:3 (AS 5 v 29).

⁷⁴¹ Ba-la-nu-um <mar-tu>: Fs Lipinski 215 Kerr 1:21,34 (AS 5 vi 27). For this PN, see Owen 1995: 216.

⁷⁴² Ba-lu-za <mar-tu>: AuOr Suppl.11 550:6,8 (AS X X 9).

⁷⁴³ Da-na-bi₂-id <mar-tu>: Fs Levine 115-119:obv i 36' (AS 2 xi 5). For this PN, see Buccellati 1966: 140.

⁷⁴⁴ E-bi₂-še-hu <mar-tu>: Fs Lipinski 215 Kerr 1:6,34 (AS 5 vi 27). For this PN, see Owen 1995: 216.

⁷⁴⁵ Ia₃-a-mu-u₄-bi-an <mar-tu>: AAICAB 1/2 pl.155 1971-395:10,16 (AS 5 iii 25).

⁷⁴⁶ I-ba-an <mar-tu>: AAICAB 1/2 pl.155 1971-395:14,16 (AS 5 iii 25).

⁷⁴⁷ I-bi-la-i₃-lum <mar-tu>: PDT 1 561:3 (AS 9 vi 6). For this PN, see Buccellati 1966: 154.

⁷⁴⁸ I-da-šu <mar-tu>: PDT 2 915:19,21 (AS X X 7).

⁷⁴⁹ IG-da-u₃ <mar-tu>: PDT 2 915:11,21 (AS X X 7).

⁷⁵⁰ I-ku-nu-um <mar-tu>: Fs Lipinski 215 Kerr 1:29,34 (AS 5 vi 27). For this PN, see Hilgert 2002: 361 and Owen 1995: 216.

⁷⁵¹ I-la-an-ti-da <mar-tu>: Fs Lipinski 215 Kerr 1:26,34 (AS 5 vi 27). For this PN, see Owen 1995: 216.

⁷⁵² I-la-nu-um <mar-tu>: AAICAB 1/2 pl.155 1971-395:15,16 (AS 5 iii 25). For this PN, see Buccellati 1966: 157.

⁷⁵³ I₃-lum-a-bu-um <mar-tu>: PDT 1 561:4,5 (AS 9 vi 6). For this PN, see Buccellati 1966: 158.

⁷⁵⁴ In-gi-mu-um <mar-tu>: Akkadica 78 11:2,7 (AS 3 vi 20).

⁷⁵⁵ Iš-me-DIĠIR <mar-tu>: Tavolette 326:5,8 (AS 5 v 25). For this PN, see Hilgert 2002: 262.

⁷⁵⁶ I-za-re-um <mar-tu>: Fs Lipinski 215 Kerr 1:3,34 (AS 5 vi 27). For this PN, see Owen 1995: 216.

⁷⁵⁷ Ku₂-ku-nu-um mar-tu: CST 304:3 (AS 5 ii 23).

⁷⁵⁸ Ku₆-u₃-NI-u₃ <mar-tu>: AuOr Suppl.11 550:5,8 (AS X X 9).

⁷⁵⁹ La₂-a-nu-um <mar-tu>: AAICAB 1/2 pl.155 1971-395:6,16 (AS 5 iii 25). For this PN, see Buccellati 1966: 163.

⁷⁶⁰ La-ze₂-em-a-nu-um mar-tu: MVN 13 848:6 (AS 5 vi 17).

⁷⁶¹ Lu₂-E₂-a mar-tu: Fs Levine 115-119:obv i 20' (AS 2 xi 3).

⁷⁶² Lu₂-re-e-u₃ <mar-tu>: Fs Levine 115-119:obv i 40' (AS 2 xi 5). For this PN, see Buccellati 1966: 166 (Lu₂-ri-e₂-

sheep)⁷⁶⁵, Mardamum (4 sheep)⁷⁶⁶, Mari-HI-ilum (x sheep, 3 goats)⁷⁶⁷, Midanum (4 sheep)⁷⁶⁸, Milganum (4 sheep, 2 goats)⁷⁶⁹, Mirtium (3 sheep)⁷⁷⁰, Nahibum (2 sheep, 1 goat)⁷⁷¹, Naplanum (1 ox, 37+ sheep)⁷⁷², Nu'ubanum (2 sheep, 1 goat)⁷⁷³, Pierum (2 sheep, 1 goat)⁷⁷⁴, Qadmanum (23 sheep, 9 goats)⁷⁷⁵, Rahau (2 sheep)⁷⁷⁶, Šarnaš (1 sheep, x goat)⁷⁷⁷, Šat-Suen wife of Nilie (3 oxen, 5 sheep, 3 goats)⁷⁷⁸, Šumanum (3 sheep)⁷⁷⁹, Šuminniabau (12 sheep, 8 goats)⁷⁸⁰, Ušatibu (1 sheep, 2 goats)⁷⁸¹.

2.2.3.1.4 Troops (erin₂)

Aba-saga received (i₃-dab₅) the deliveries (mu-DU) of 3,078 animals of the troops (erin₂) from 17 sites between AS 2 xi 12 and AS 7 viii 13, most frequently occurred in the fifth regnal year of Amar-Suen. The overseers (ugula) were responsible for most of these deliveries. The cities/states that troops came from, together with overseers, are given below:

GN:	Animals	ugula:
Abal ⁷⁸²	6 oxen, 163 sheep, 37 goats	Išar-ramaš
Abi-bana ⁷⁸³	4 oxen, 30 sheep, 10 goats	Iribum
Arman ⁷⁸⁴	10 oxen, 420 sheep, 160 goats, 2 bears	Ilallum
Araphum ⁷⁸⁵	20 oxen, 256 sheep, 44 goats)	Haširip-atal
Dašik ⁷⁸⁶	5 oxen, 50 sheep, 10 goats	Išar-ramaš
Hubni ⁷⁸⁷	17 oxen, 86 sheep, 73 goats, 11 hybrids of goats	Ilallum
Išum ⁷⁸⁸	1 ox, 26 sheep	(without)
Kakulatum ⁷⁸⁹	4 oxen, 20 sheep, 20 goats	Iribum

u₂).

⁷⁶³ Lu-u₃-nu <mar-tu>: AAICAB 1/2 pl.155 1971-395:8,16 (AS 5 iii 25).

⁷⁶⁴ Ma-li-a <mar-tu>: Fs Levine 115-119:obv i 34' (AS 2 xi 5).

⁷⁶⁵ Ma-ni-ga-num₂ <mar-tu>: BIN 3 538:5,6 (AS 5 i 8).

⁷⁶⁶ Mar-da-mu-um <mar-tu>: PDT 2 915:10,21 (AS X X 7). For this PN, see Buccellati 1966: 170.

⁷⁶⁷ Ma-ri-HI-DIĠIR <mar-tu>: Tavolette 326:3,8 (AS 5 v 25).

⁷⁶⁸ Mi-da-num₂ <mar-tu>: BIN 3 538:3,6 (AS 5 i 8). For this PN, see Buccellati 1966: 172.

⁷⁶⁹ Mi-il-ga-nu-um <mar-tu>: Fs Lipinski 215 Kerr 1:15,34 (AS 5 vi 27); PDT 2 915:13,21 (AS X X 7). For this PN, see Buccellati 1966: 172 and Owen 1995: 216.

⁷⁷⁰ Mi-ir-ti-um <mar-tu>: Fs Lipinski 215 Kerr 1:12,34 (AS 5 vi 27). For this PN, see Owen 1995: 216 (Me₂-er-ti-um).

⁷⁷¹ Na-hi-bu-um <mar-tu>: Fs Lipinski 215 Kerr 1:9,34 (AS 5 vi 27). For this PN, see Owen 1995: 216.

⁷⁷² Na-ap-la-num₂ <mar-tu> / mar-tu: AUCT 1 940:3,10 (AS 4 vi 26); BIN 3 538:1,6 (AS 5 i 8); PDT 2 915:7 (AS X X 7).

⁷⁷³ Nu-u₄-ba-nu-um <mar-tu>: AAICAB 1/2 pl.155 1971-395:12,16 (AS 5 iii 25).

⁷⁷⁴ Pi-e-ru-um <mar-tu>: Fs Lipinski 215 Kerr 1:24,34 (AS 5 vi 27). For this PN, see Owen 1995: 216.

⁷⁷⁵ Qa₂-ad-ma-nu-um <mar-tu>: OIP 121 91:4,13 (AS 5 vii 6). For this PN, see Buccellati 1966: 177-178.

⁷⁷⁶ Ra-ha-uz mar-tu: OIP 121 77:6 (AS 2 vii 24).

⁷⁷⁷ Šar-na-aš <mar-tu>: PDT 2 915:17,21 (AS X X 7).

⁷⁷⁸ Ša-at-^dEN.ZU dam Ni-li-e <mar-tu>: OIP 121 91:12,13 (AS 5 vii 6).

⁷⁷⁹ Šu-ma-nu-um <mar-tu>: Fs Lipinski 215 Kerr 1:18,34 (AS 5 vi 27). For this PN, see Buccellati 1966: 182 (Šu-ul-ma-nu-um) and Owen 1995: 216.

⁷⁸⁰ Šu-mi-in-ni-/a-ba-u₃ mar-tu: South Dakota 58:rev i 12-13 (AS 5 xii 22). The name is only attested in this text. For this PN, see Buccellati 1966: 182 (Šu-mi-in-ni).

⁷⁸¹ U₃-ša-ti-bu <mar-tu>: Fs Lipinski 215 Kerr 1:31,34 (AS 5 vi 27). For this PN, see Owen 1995: 216.

⁷⁸² erin₂ A-ba-al^{ki}: MVN 15 350:18 (AS 5 ix 24).

⁷⁸³ erin₂ A-bi₂-ba-na^{ki}: Fs Levine 115-119:obv iv 13' (AS 2 xi 12).

⁷⁸⁴ erin₂ Ar-ma-an^{ki}: KM 89225:16 (AS 5 viii 13); BIN 3 139:9 (AS 7 viii 13).

⁷⁸⁵ erin₂ Ar-ra-ap/ab-hu-um^{ki}: PDT 1 166:11 (AS 5 v 25). For this GN, see Astour 1987: 39-40.

⁷⁸⁶ erin₂ Da-ši-il^{ki}: MVN 15 350:26 (AS 5 ix 24).

⁷⁸⁷ erin₂ Hu-ub-ni^{ki}: OIP 121 97:7 (AS 5 ix 22).

⁷⁸⁸ erin₂ I₃-šum^{ki}: BIN 3 139:5 (AS 7 viii 13).

Neber-Amar-Suen ⁷⁹⁰	35 oxen, 242 sheep, 298 goats	Aradġu
Nugar ⁷⁹¹	2 oxen, 14 sheep, 6 goats	Dukra
Rabi ⁷⁹²	11 oxen, 299 sheep, 255 goats	Ilallum
Sitirša ⁷⁹³	5 oxen	Tahi-šen
Šurbu ⁷⁹⁴	9 sheep, 1 goat	(without)
Tablala ⁷⁹⁵	1 ox	(without)
Tiran ⁷⁹⁶	2 oxen, 23 sheep, 13 [goats]	Ilallum
Zibire ⁷⁹⁷	2 oxen, 210 sheep	Masasa
Zimudar ⁷⁹⁸	15 oxen, 132 sheep, 18 goats	Zikur-ili
(Subtotal)	(140 oxen, 1,980 sheep, 945 goats, 11 hybrids of goats, 2 bears)	
(Total)	(3,078 animals)	

2.2.3.1.5 Captain (nu-banda₃)

Aba-saga received (i₃-dab₅) the deliveries (mu-DU) of animals of the following 89 individuals who held with the title nu-banda₃ “captain”. Almost all animals they delivered for each time were arranged by a regular ratio: 1 ox for every 10 sheep/goats. These individuals are in alphabetical order below.

A`a-kala (1 sheep, 1 goat)⁷⁹⁹, Adad-rabi (1 sheep)⁸⁰⁰, Ahua (1 sheep)⁸⁰¹, Ahu-ali (1 goat)⁸⁰², Amua (1 sheep)⁸⁰³, Anah-ili (1 goat)⁸⁰⁴, Apilanum (1 goat)⁸⁰⁵, Apilati (1 sheep, 1 goat)⁸⁰⁶, Apilia (1 sheep)⁸⁰⁷, Ba-a`a (3 sheep)⁸⁰⁸, Bibia (1 sheep)⁸⁰⁹, Bizanum (1 goat)⁸¹⁰, Bubu (1 sheep)⁸¹¹, Bukšanum (1 sheep)⁸¹², Bur-Adad (1 ox, 8 sheep, 2 goats)⁸¹³, Bur-Mama (1 goat)⁸¹⁴, Da-a`a (5 sheep, 1 goat)⁸¹⁵, Dada`a (2 sheep)⁸¹⁶, Dadaga (1 goat)⁸¹⁷,

⁷⁸⁹ erin₂ Kak-ku₈-la-tum^{ki}: Fs Levine 115-119:obv iv 16' (AS 2 xi 12).

⁷⁹⁰ erin₂ Ne-be₂-er-^dAmar-^dEN.ZU^{ki}: MVN 11 140:6 (AS 5 ix 9).

⁷⁹¹ erin₂ Nu-ga-ar^{ki}: MVN 11 140:17 (AS 5 ix 9).

⁷⁹² erin₂ Ra-bi₂^{ki}: KM 89225:7 (AS 5 viii 13); BIN 3 139:3 (AS 7 viii 13).

⁷⁹³ erin₂ Si-ti-ir-ša^{ki}: OIP 121 92:2 (AS 5 vii 11).

⁷⁹⁴ erin₂ Šu-ur₂-bu^{ki}: YOS 15 158:obv ii 25 (AS X X 6).

⁷⁹⁵ erin₂ Tab-la-la^{ki}: OIP 121 94:4 (AS 5 vii 17).

⁷⁹⁶ erin₂ Ti-ra-an^{ki}: KM 89225:19 (AS 5 viii 13); BIN 3 139:10 (AS 7 viii 13).

⁷⁹⁷ erin₂ Zi-bi₂-re^{ki}: JEOL 33 114 2:7 (AS 5 ix 14).

⁷⁹⁸ erin₂ Zi-mu-dar^{ki}: Fs Levine 115-119:obv v 26' (AS 2 xi 14). For this GN Zi-mu-dar (or Si₂-mu-dar), see Gehlken 2012.

⁷⁹⁹ A-a-kal-la nu-banda₃: MVN 13 472:14 (AS 8 x 5); YOS 15 158:obv ii 20 (AS X X 6).

⁸⁰⁰ ^dIŠKUR-ra-bi₂ nu-banda₃: PDT 1 25:6 (AS 5 v 19).

⁸⁰¹ A-hu-a nu-banda₃: BPOA 7 2471:7 (AS X X 29).

⁸⁰² A-hu-a-li₂ nu-banda₃: MVN 13 454:9 (AS 5 vii 15).

⁸⁰³ A-mu-a nu-banda₃: MVN 10 130:5 (AS 4 xi 3).

⁸⁰⁴ A-na-ah-i₃-li₂ <nu-banda₃>: CST 313:4,9 (AS 5 iv 27).

⁸⁰⁵ A₂-pi₅-la-num₂ nu-banda₃: PDT 2 958:obv ii 5 (AS 2 i 4).

⁸⁰⁶ A₂-pi₅-la-ti nu-banda₃: South Dakota 58:rev ii 12 (AS 5 xii 26).

⁸⁰⁷ A₂-pi₅-li₂-a nu-banda₃: South Dakota 58:obv i 20 (AS 5 xii 4).

⁸⁰⁸ Ba-a-a (nu-banda₃): OIP 121 89:12 (AS 5 v 7); ASJ 7 122 1:4 (AS 5 ix 10, Ba-a-a); Nik 2 476:14 (AS 5 ix 29).

⁸⁰⁹ Bi₂-bi₂-a nu-banda₃: OIP 121 89:13 (AS 5 v 7).

⁸¹⁰ Bi₂-za-nu-um nu-banda₃: TCND 60:6 (AS 5 ii 26).

⁸¹¹ Bu-bu nu-banda₃: MVN 13 472:8 (AS 8 x 5).

⁸¹² Bu-uk-ša-nu-um nu-banda₃: YOS 15 158:obv iii 27 (AS X X 11).

⁸¹³ Bur-^dIŠKUR <nu-banda₃>: MVN 15 350:21,24 (AS 5 ix 24).

⁸¹⁴ Bur-Ma-ma <nu-banda₃>: CST 313:1,9 (AS 5 iv 27).

⁸¹⁵ Da-a-a nu-banda₃: PDT 1 561:15 (AS 9 vi 6).

⁸¹⁶ Da-(a)-da-a nu-banda₃: CST 313:2,9 (AS 5 iv 27); TRU 121:3 = South Dakota 58:obv v 31 (AS 5 xii 21).

⁸¹⁷ Da-da-ga nu-banda₃: Nisaba 8 37:obv i 20 (AS 4 viii 16).

Dannum (1 sheep, 1 goat)⁸¹⁸, Ea-dan (2 goats)⁸¹⁹, En-ili (1 sheep)⁸²⁰, Eršuti-ilum (1 sheep)⁸²¹, Ġirine-isa (1 sheep)⁸²², Hala'a (2 sheep)⁸²³, Hal-ilum (1 ox, 4 sheep, 6 goats)⁸²⁴, Hl.EŠ.IŠ (1 sheep)⁸²⁵, Hun-habur (1 ox, 10 sheep)⁸²⁶, Ibbi-Suen (1 goat)⁸²⁷, Ibizu (1 sheep)⁸²⁸, Iddin-Ea (1 ox, 8 sheep, 2 goats)⁸²⁹, Igi (1 ox, 8 sheep, 2 goats)⁸³⁰, Ikunum (1 goat)⁸³¹, Ili-tabba (1 ox, 10 sheep)⁸³², Ilšu-bani (1 sheep)⁸³³, Ilum-bani (2 sheep)⁸³⁴, Ilum-dan (20 sheep, 2 goats)⁸³⁵, Ilum-šukin (1 ox, 1 sheep)⁸³⁶, Imid-ilum (1 ox, 10 sheep)⁸³⁷, Immer (1 sheep)⁸³⁸, Ipiq-ilum (1 ox, 10 sheep)⁸³⁹, Irdia (1 goat)⁸⁴⁰, Iribum (1 sheep)⁸⁴¹, Išar-kin (1 ox, 10 sheep)⁸⁴², Izanum (6 sheep, 1 goat)⁸⁴³, Kuku (1 goat)⁸⁴⁴, Kurub-Erra (1 sheep, 1 goat)⁸⁴⁵, Lu-šalim (7 sheep, 2 goats)⁸⁴⁶, Lugal-ezem (1 ox, 5 sheep, 5 goats)⁸⁴⁷, Lugal-heġal (1 sheep)⁸⁴⁸, Lugal-zae (1 sheep)⁸⁴⁹, Marat-ili (1 sheep)⁸⁵⁰, Muha'a (1 ox, 10 sheep)⁸⁵¹, Murti-gaba (1 goat)⁸⁵², Nanna-kiaġ (1 sheep)⁸⁵³, Naram-ili (1 sheep)⁸⁵⁴, Ninmu (1 sheep)⁸⁵⁵, Niġ-Mama (2 oxen, 19 sheep, 2 goats)⁸⁵⁶, Nimgir-DI.NE (1 sheep)⁸⁵⁷, Nur-ili (1 sheep)⁸⁵⁸, Nur-zu (1 goat)⁸⁵⁹, Puzur-

⁸¹⁸ Da-num₂ (nu-banda₃): BIN 3 522:6 (AS 2 v 2); YOS 15 158:obv iii 1 (AS X X 7, Da-num₂).

⁸¹⁹ E₂-a-dan nu-banda₃: CST 313:6,9 (AS 5 iv 27); Nik 2 476:15 (AS 5 ix 29).

⁸²⁰ EN-i₃-li₂ <nu-banda₃>: Princeton 1 45:11,13 (AS 4 xii 7).

⁸²¹ Er₃-šu-ti-DIĠIR nu-banda₃: OIP 121 87:8 (AS 5 v 2).

⁸²² Ġiri₃-ne₂-i₃-sa₆ nu-banda₃: OIP 121 109:9 (AS 8 xii 19).

⁸²³ Ha-la-a nu-banda₃: MVN 13 454:8 (AS 5 vii 15); Nik 2 476:6 (AS 5 ix 29).

⁸²⁴ Hal-i₃-lum nu-banda₃: OLP 8 8 3:2 (AS 2 v 18).

⁸²⁵ Hl.EŠ₁₈.IŠ nu-banda₃: CDLJ 2007/1 3.16:14 (AS 5 v 4). The name is also written as Hl.LUM, while it is unclear for the reading of the name.

⁸²⁶ Hu-un-ha-ab-bur nu-banda₃: SET 10:34 (AS 5 ix 11).

⁸²⁷ I-bi₂-^dEN.ZU nu-banda₃: OIP 121 89:11 (AS 5 v 7).

⁸²⁸ I-bi₂-zu nu-banda₃: South Dakota 58:obv i 11 (AS 5 xii 3).

⁸²⁹ I-din-E₂-a <nu-banda₃>: MVN 15 350:12,15 (AS 5 ix 24).

⁸³⁰ I-gi₄ nu-banda₃: Fs Levine 115-119:obv iv 19' (AS 2 xi 12).

⁸³¹ I-ku-nu-um <nu-banda₃>: CTNMC 10:2,4 (AS 5 v 9).

⁸³² I₃-li₂-TAB.BA nu-banda₃: OIP 121 97:14 (AS 5 ix 22).

⁸³³ Il-šu-ba-ni nu-banda₃: YOS 15 158:obv iii 28 (AS X X 11).

⁸³⁴ DIĠIR-ba-ni nu-banda₃: CST 313:8,9 (AS 5 iv 27); SAT 2 996:5 (AS 6 iii 27).

⁸³⁵ DIĠIR-dan nu-banda₃: YOS 15 172:12 (AS 4 ix 27); Erm 14670:9 (AS 5 iii 18); MVN 11 140:22 9 AS 5 ix 9); SAT 2 996:8 (AS 6 iii 27); BCT 1 48:1 (AS 7 viii 8).

⁸³⁶ DIĠIR-šu-ki-in nu-banda₃: SET 10:12 (AS 5 ix 11).

⁸³⁷ I-mi-id₂-DIĠIR <nu-banda₃>: SET 10:26,27 (AS 5 ix 11).

⁸³⁸ I-me-er nu-banda₃: PDT 2 972:9 = South Dakota 58:obv ii 25 (AS 5 xii 8).

⁸³⁹ I-pi₂-iq-DIĠIR <nu-banda₃>: SET 10:24,27 (AS 5 ix 11).

⁸⁴⁰ Ir-du-a nu-banda₃: MVN 11 152:9 (AS 5 iv 19).

⁸⁴¹ I-ri-ib nu-banda₃: Nik 2 476:9 (AS 5 ix 29).

⁸⁴² I-šar-ki-in <nu-banda₃>: OIP 121 97:9,12 (AS 5 ix 22).

⁸⁴³ I-za-nu-um nu-banda₃: AUCT 1 267:5 (AS 5 v 10).

⁸⁴⁴ Ku-ku <nu-banda₃>: CTNMC 10:1,4 (AS 5 v 9).

⁸⁴⁵ Ku-ru-ub-Er₃-ra nu-banda₃: SAT 2 996:6 (AS 6 iii 27); YOS 15 158:rev iii 13 (AS 6 iii 29?).

⁸⁴⁶ Lu₂-ša-lim nu-banda₃: Fs Levine 115-119:obv iv 21' (AS 2 xi 12); RA 76 14:6 (AS 5 iii 19); MVN 13 454:7 (AS 5 vii 15); Nik 2 476:4 (AS 5 ix 29).

⁸⁴⁷ Lugal-ezem nu-banda₃: KM 89225:10 (AS 5 viii 13).

⁸⁴⁸ Lugal-he₂-ġal₂ <nu-banda₃>: CST 313:5,9 (AS 5 iv 27).

⁸⁴⁹ Lugal-za₃-e₃ nu-banda₃: TCL 2 5504:rev ii 16 (AS 5 x 9).

⁸⁵⁰ Ma-ra-at-i₃-li₂ <nu-banda₃>: YOS 15 158:rev iii 12 (AS X X 29).

⁸⁵¹ Mu₆-ha-a nu-banda₃: PDT 1 166:13 (AS 5 v 25). Note mu₆=PA.

⁸⁵² Mu-ur₂-ti-ga-ba nu-banda₃: Nik 2 476:12 (AS 5 ix 29).

⁸⁵³ ^dNanna-ki-aġ₂ nu-banda₃: Erm 14670:8 (AS 5 iii 18).

⁸⁵⁴ Na-ra-am-i₃-li₂ nu-banda₃: MVN 13 454:6 (AS 5 vii 15).

⁸⁵⁵ Ni-in-mu nu-banda₃: Fs Levine 115-119:rev i 15 (AS 2 xi 18).

⁸⁵⁶ Niġ₂-Ma-ma nu-banda₃: Nik 2 448:3 (AS 5 viii 28).

⁸⁵⁷ Nimgir-DI.NE nu-banda₃: South Dakota 58:rev ii 5 (AS 5 xii 26).

⁸⁵⁸ Nu-ur₂-i₃-li₂ <nu-banda₃>: Princeton 1 45:12,13 (AS 4 xii 7).

⁸⁵⁹ Nu-ur₂-zu nu-banda₃: MVN 11 152:7 (AS 5 iv 19).

Mama (1 ox, 8 sheep, 3 goats)⁸⁶⁰, Riše'i (1 goat)⁸⁶¹, Sar-nid (1 ox, 8 sheep, 2 goats)⁸⁶², SI.A-a (1 ox, 8 sheep, 3 goats)⁸⁶³, SUHUŠ-kin (5 sheep, 2 goats)⁸⁶⁴, Šarrum-bani (1 sheep, 2 goats)⁸⁶⁵, Šu-Adad (1 goat)⁸⁶⁶, Šu-Durul (1 sheep, 1 goat)⁸⁶⁷, Šu-Erra (1 ox, 10 sheep)⁸⁶⁸, Šu-gatum (1 ox, 8 sheep, 2 goats)⁸⁶⁹, Šu-ili (2 goats)⁸⁷⁰, Šu-Irhan (5 sheep)⁸⁷¹, Šu-Kakka (1 sheep)⁸⁷², Šukubum (1 goat)⁸⁷³, Šu-Ninšubur (2 oxen, 18 sheep, 2 goats)⁸⁷⁴, Šulgi-ili (1 ox, 19 sheep)⁸⁷⁵, Te'u (1 sheep)⁸⁷⁶, Ubar (1 ox, 10 sheep)⁸⁷⁷, Une (2 oxen, 15 sheep, 5 goats)⁸⁷⁸, Ur-Ašar (1 goat)⁸⁷⁹, Ur-eanna (1 sheep)⁸⁸⁰, Ur-niġar (4 sheep)⁸⁸¹, Ur-tur (1 sheep)⁸⁸², Ur-Utu (1 sheep)⁸⁸³, Zariq (1 ox, 10 sheep)⁸⁸⁴, Zuga'a (1 sheep)⁸⁸⁵, Zugzug (1 sheep)⁸⁸⁶, Zuzu (1 ox, 10 sheep)⁸⁸⁷.

2.2.3.1.6 Temple perfect (šabra)

Aba-saga received (i₃-dab₅) the deliveries (mu-DU) of animals of the following 36 individuals who held the title šabra “temple perfect”. The animals which they delivered are almost arranged by the regular ratio: one ox to ten sheep/goats, however, they most frequently deliver sheep rather than goats and ox(en). Their personal names are given below:

A'amu (3 oxen, 33 sheep, 1 goat)⁸⁸⁸, Abbamu (1 ox, 10 sheep)⁸⁸⁹, Adalal (6 sheep)⁸⁹⁰, A-DU.DU (1

⁸⁶⁰ PU₃.ŠA-Ma-ma <nu-banda₃>: CST 313:3,9 (AS 5 iv 27); MVN 15 350:7,15 (AS 5 ix 24).

⁸⁶¹ Ri-še-i nu-banda₃: TCND 60:7 (AS 5 ii 26).

⁸⁶² Sar-NI-id nu-banda₃: CDLJ 2007/1 3.16:2 (AS 5 v 4).

⁸⁶³ SI.A-a nu-banda₃: MVN 15 350:10,15 (AS 5 ix 24); BPOA 6 880:1 (AS 7 xii 15).

⁸⁶⁴ SUHUŠ-ki-in nu-banda₃: Fs Levine 115-119:obv iv 23' (AS 2 xi 12); MVN 11 152:8 (AS 5 iv 19).

⁸⁶⁵ Šar-ru-um-ba-ni nu-banda₃: CTNMC 10:3,4 (AS 5 v 9); BPOA 6 880:2 (AS 7 xii 15); MVN 13 472:7 (AS 8 x 5).

⁸⁶⁶ Šu-^dIŠKUR nu-banda₃: YOS 15 158:obv iii 26 (AS X X 11).

⁸⁶⁷ Šu-Dur-ul₃ nu-banda₃: OIP 121 89:10 (AS 5 v 7); YOS 15 158:obv iv 30 (AS X X 16).

⁸⁶⁸ Šu-Er₃-ra <nu-banda₃>: SET 10:21,27 (AS 5 ix 11).

⁸⁶⁹ Šu-ga-tum <nu-banda₃>: MVN 15 350:14,15 (AS 5 ix 24).

⁸⁷⁰ Šu-i₃-li₂ nu-banda₃: OrSP 18 pl.6 20:12 (AS 5 viii 12); YOS 15 158:obv iv 15 (AS X X 13).

⁸⁷¹ Šu-Ir-ha-an nu-banda₃: Princeton 2 96:7 (AS 1 ix 11).

⁸⁷² Šu-ga-ga nu-banda₃: SumRecDreh 14:8 (AS 2 iv 23).

⁸⁷³ Šu-ku-bu-um <nu-banda₃>: CST 313:7,9 (AS 5 iv 27).

⁸⁷⁴ Šu-^dNin-šubur nu-banda₃: SET 10:31 (AS 5 ix 11); MVN 15 350:23,24 (AS 5 ix 24).

⁸⁷⁵ ^dŠul-gi-i₃-li₃ nu-banda₃: NYPL 295:6 (AS 5 ii 18); OIP 121 83:16 (AS 5 iii 26); PDT 1 167:11 (AS 5 iv 24); OIP 121 97:11,12 (AS 5 ix 22); NYPL 29:2 = South Dakota 58:rev i 33 (AS 5 xii 25); OIP 121 103:5 (AS 6 ix 28).

⁸⁷⁶ Te-u₃ nu-banda₃: PDT 2 915:4 (AS X X 7). Note that the person is probably identified as the Elamite, see the texts, MVN 13 695 (Te-u₃ dumu Wi-ti-ma-aš-hi <Elam>), NYPL 5 (Te-u₃ Elam), and PDT 1 529 (Te-u₃ dumu Wi-ti-ma-aš-hi).

⁸⁷⁷ U-bar <nu-banda₃>: SET 10:22,27 (AS 5 ix 11).

⁸⁷⁸ U₃/U₄-ne₂ nu-banda₃: KM 89225:4 (AS 5 viii 13, U₃-ne₂); BIN 3 139:6 (AS 7 viii 13, U₄-ne₂). Another reference to this person is the text PDT 2 959: U₃-ne nu-banda₃.

⁸⁷⁹ Ur-^dA-šar₂ nu-banda₃: ASJ 19 201 6:3 (AS 6 ix 15).

⁸⁸⁰ Ur-e₂-an-na nu-banda₃: RA 76 14:8 (AS 5 iii 19).

⁸⁸¹ Ur-ni₉-ġar nu-banda₃: Princeton 1 45:10,13 (AS 4 xii 7); RA 76 14:7 (AS 5 iii 19); OIP 121 94:3 (AS 5 vii 17); MVN 4 116:9 (AS 5 viii 25); YOS 15 158:obv ii 16 (AS X X 5).

⁸⁸² Ur-tur nu-banda₃: OIP 121 109:8 (AS 8 xii 19).

⁸⁸³ Ur-^dUtu nu-banda₃: PDT 1 25:4 (AS 5 v 19).

⁸⁸⁴ Za-ri₂-iq <nu-banda₃>: SET 10:23,27 (AS 5 ix 11).

⁸⁸⁵ Zu-ga-a nu-banda₃: Nik 2 476:13 (AS 5 ix 29).

⁸⁸⁶ Zu-ug₂-zu-ug₂ nu-banda₃: KM 89152:2 (AS 7 xii 17).

⁸⁸⁷ Zu-zu nu-banda₃: PDT 1 166:12 (AS 5 v 25).

⁸⁸⁸ A-a-mu (<šabra>): PDT 2 958:obv iii 35 (AS 2 i X, A-a-mu); Erm 14716:16,19 (AS 5 vi 19); TCL 2 5504:obv ii 9 (AS 5 x 9); South Dakota 58:obv iii 8 (AS 5 xii 11, A-a-mu); YOS 15 158:obv iii 11 (AS X X 8, A-a-mu). Note that the phrase ugula lu₂ TAR mentioned in the TCL 2 5504 is possibly a miswriting of the sign ŠABRA, for the inaccurate hand copy.

⁸⁸⁹ Ab-ba-mu šabra: PDT 2 1261:5 (AS 7 iii 21).

⁸⁹⁰ A-da-lal₃ šabra: MVN 13 463:2 (AS 6 vii 12).

sheep)⁸⁹¹, Beli-bani of Inana (1 ox, 8 sheep, 2 goats)⁸⁹², Dudu (1 sheep)⁸⁹³, En-šakuge of Ninġišzida (4 sheep)⁸⁹⁴, Ilum-dan (5 sheep)⁸⁹⁵, Imid-ilum (6 sheep)⁸⁹⁶, Inda'a (3 sheep)⁸⁹⁷, Išar-padan (3 sheep)⁸⁹⁸, Ituria (1 sheep)⁸⁹⁹, Lu-diġira (6 sheep)⁹⁰⁰, Lu-Nanna (3 oxen, 35 sheep)⁹⁰¹, Lu-Nanna of Ninšubur (1 sheep)⁹⁰², Lu-Nanna of Utu (1 sheep)⁹⁰³, Lu-Ninġirsu (2 sheep)⁹⁰⁴, Lu-Ninšubur (6 sheep)⁹⁰⁵, Lu-saga (1 sheep)⁹⁰⁶, Lugal-KAġina (1 sheep, 1 goat)⁹⁰⁷, LUM-ma (3 sheep)⁹⁰⁸, Nanna-kiaġ (13 sheep)⁹⁰⁹, Nanna-ludu (3 sheep)⁹¹⁰, Puzur-Erra of Utu (1 sheep)⁹¹¹, Šeš-zimu (4 sheep)⁹¹², Šunamugi (5 sheep)⁹¹³, Ur-Adad (2 sheep)⁹¹⁴, Ur-Asarluhi (3 sheep)⁹¹⁵, Ur-Bau (4 sheep)⁹¹⁶, Ur-kununa (8 sheep)⁹¹⁷, Ur-Lugalbanda (1 sheep)⁹¹⁸, Ur-niġar (1 ox, 6 sheep)⁹¹⁹, Ur-Ningal (4 sheep)⁹²⁰, Ur-Ninsun (6 sheep)⁹²¹, Ur-saga (1 sheep)⁹²², Ur-Šulgi (1 sheep)⁹²³

2.2.3.1.7 Chief herdsman (kuš7)

Aba-saga received (i₃-dab₅) the deliveries (mu-DU) of animals of the following 13 individuals who held the title kuš7 “(chief) herdsman”. They and their personal names are given

⁸⁹¹ A-DU.DU šabra: OrSP 18 pl.6 20:10 (AS 5 viii 12). The name is probably Du-du šabra that is attested in the following Drehem texts: Du-du šabra ^dNa-na-a, SAT 2 795 (AS 4 ix), SAT 2 797 (AS 4 ix m), BIN 3 339 (AS 4 ix m), JEOL 26 51 12 (AS 5 v), Trouvaille 26 (undated); and Du-du šabra, Nik 2 476 (AS 5 ix 29). Furthermore, the name of A-DU.DU is only attested in this text, if the name is correct.

⁸⁹² Be-li₂-ba-ni šabra ^dInana: MVN 13 472:6 (AS 8 x 5).

⁸⁹³ Du-du šabra: Nik 2 476:2 (AS 5 ix 29).

⁸⁹⁴ En-ša₃-ku₃-ge šabra ^dNin-ġiš-zi-da: JCS 23 113 25:3 (AS 5 vi 28).

⁸⁹⁵ DIĠIR-dan šabra: Tavolette 326:10 (AS 5 v 25).

⁸⁹⁶ I-mi-id-DIĠIR šabra: AuOr Suppl.11 24:7 (AS 5 iv 8); South Dakota 58:obv iv 16 (AS 5 xii 14).

⁸⁹⁷ In-da-a <šabra>: Erm 14716:15,19 (AS 5 vi 19).

⁸⁹⁸ I-šar-pa₂-dan šabra: YOS 18 10:7 (AS 5 v 26); DoCu 256:4 (AS 5 viii 30).

⁸⁹⁹ I-tu-ri-a šabra: Nik 2 459:7 (AS 5 xi 9).

⁹⁰⁰ Lu₂-diġir-ra šabra: Princeton 2 414:4 (AS 3 xii 26); MVN 13 662:7 (AS 5 i 10); TCND 65:10 (AS 5 v 20); Erm 14716:18,19 (AS 5 vi 19); South Dakota 58:obv v 25 (AS 5 xii 20); BIN 3 185:4 (AS 8 viii 5).

⁹⁰¹ Lu₂-^dNanna šabra : PDT 2 958:obv ii 8 (AS 2 i 4); PDT 2 1273:3 (AS 4 i 11); BIN 3 538:10 (AS 5 i 8); Erm 14716:12,19 (AS 5 vi 19).

⁹⁰² Lu₂-^dNanna šabra ^dNin-šubur: SAT 2 799:2 (AS 4 xi 1).

⁹⁰³ Lu₂-^dNanna šabra ^dUtu: Nisaba 8 380:2 (AS 8 vii 12).

⁹⁰⁴ Lu₂-^dNin-ġir₂-su šabra: NYPL 5:3 (AS 5 x 6); South Dakota 58:obv iv 7 (AS 5 xii 13).

⁹⁰⁵ Lu₂-^dNin-šubur šabra / <šabra>: Akkadica 78 11:12 (AS 3 vi 20); BIN 3 538:11 (AS 5 i 8); Erm 14716:4,19 (AS 5 vi 19).

⁹⁰⁶ Lu₂-sa₆-ga šabra: South Dakota 58:obv iii 24 (AS 5 xii 12).

⁹⁰⁷ Lugal-KA-ġi-na <šabra> / šabra: Erm 14716:17,19 (AS 5 vi 19); Fs Lipinski 215 Kerr 1:39 (AS 5 vi 27).

⁹⁰⁸ LUM-ma šabra: MVN 13 463:3 (AS 6 vii 12); Syracuse 328:2 (AS 6 xii 28); YOS 15 158:obv i 14 (AS X X 2).

⁹⁰⁹ ^dNanna-ki-aġ₂ šabra / <šabra>: BIN 3 538:13 (AS 5 i 8); Erm 14716:2,19 (AS 5 vi 19); NYPL 5:12 (AS 5 x 6).

⁹¹⁰ ^dNanna-lu₂-du₁₀ <šabra>: Erm 14716:12,19 (AS 5 vi 19).

⁹¹¹ PU₃.ŠA-Er₃-ra šabra ^dUtu: PDT 1 144:2 (AS 5 vii 14).

⁹¹² Šeš-zi-mu <šabra>: Erm 14716:10,19 (AS 5 vi 19).

⁹¹³ Šu-na-mu-ġi₄ šabra: BPOA 6 861:3 (AS X i 19).

⁹¹⁴ Ur-^dIŠKUR šabra: OIP 121 81:5 (AS 5 iii 5); MVN 13 458:8 (AS 5 x 8).

⁹¹⁵ Ur-^dAsar-lu₂-hi šabra: AuOr Suppl.11 550:10 (AS X X 9).

⁹¹⁶ Ur-^dBa-u₂ šabra: MVN 13 662:9 (AS 5 i 10); TRU 123:2 (AS 5 iv 13); MVN 13 454:17 (AS 5 vii 15); YOS 15 158:obv ii 29 (AS X X 7).

⁹¹⁷ Ur-ku₃-nun-na šabra / <šabra>: BIN 3 538:16 (AS 5 i 8); Erm 14716:8,19 (AS 5 vi 19).

⁹¹⁸ Ur-^dLugal-banda₃^{da} šabra: MVN 13 662:3 (AS 5 i 10).

⁹¹⁹ Ur-ni₉-ġar šabra: PDT 2 1261:3 (AS 7 iii 21).

⁹²⁰ Ur-^dNin-gal <šabra>: Erm 14716:6,19 (AS 5 vi 19).

⁹²¹ Ur-^dNin-sun₂ šabra: MVN 15 192:8 = South Dakota 58:rev iii 19 (AS 5 xii 29); AuOr Suppl.11 550:12 (AS X X 9).

⁹²² Ur-sa₆-ga šabra: YOS 15 158:obv ii 17 (AS X X 5).

⁹²³ Ur-^dŠul-ġi šabra: MVN 13 472:19 (AS 8 x 5).

below.

Adalal (2 oxen, 118 sheep, 2 goats)⁹²⁴, Ahuni (1 sheep)⁹²⁵, Beli-dan (1 ox, 11 sheep)⁹²⁶, Duga-zida (2 sheep)⁹²⁷, Epiri (2 oxen, 61 sheep, 10 goats)⁹²⁸, Hun-num (4 sheep)⁹²⁹, Iddin-Adad (2 oxen, 23 sheep)⁹³⁰, Iphur (1 sheep)⁹³¹, Mit-har (1 sheep, 2 goats)⁹³², Ninšubur-andul (1 goat)⁹³³, Puzur-Kakka (1 sheep)⁹³⁴, Šili-Adad (11 sheep)⁹³⁵, Šulgi-diġir-kalmu (1 sheep)⁹³⁶, Šulgi-Lamma-mu (4 sheep)⁹³⁷

2.2.3.1.8 Additional individuals who held titles

Aba-saga received (i₃-dab₅) the deliveries (mu-DU) of animals of the following 75 individuals who held titles, such as (1) ab₂-rig “(a type of priest)”, (2) aga₃-us₂ “soldier”, (3) dam-gar₃ “trader”, (4) di-ku₅ “judge”, (5) dub-sar “scribe”, (6) en “(a type of priest(ess))”, (7) engar “farmer”, (8) ereš-diġir “(a type of priestess)”, (9) gala “lamentation-singer/priest”, (10) gala-mah “chief lamentation-singer/priest”, (11) gudu₄ “(a type of priest)”, (12) ha-za-num₂ “mayor”, (13) lu₂kaš₄ “runner”, (14) lu₂ ġi^{is}ban, (15) maš-en-kak “(a member of a lower social class)”, (16) maš₂-šu-gid₂-gid₂ “diviner”, (17) muhaldim “cook”, (18) na-gada “herdsman”, (19) nar “musician”, (20) nu-banda₃ gu₄ “oxen-captain”, (21) pisan-dub-ba “archivist”, (22) ra₂-gaba “equestrian”, (23) sagi “cupbearer”, (24) saġġa “(a type of chief temple administrator)”, (25) sipa ur “herdsman of dogs”, (26) sukkal “courier”, (27) šidim “builder”, (28) šu-ku₆ “fisherman”, (29) u₃-kul “(a profession)”, (30) u₄-da-tuš “jester”, (31) ugula-uš-bar “weaver”, (32) um-mi-a “craftsman”, and (33) unu₃ “cowherd”. They are collected all together and given below:

Title	PNs
ab ₂ -ri ₂ -ig/rig ₅ :	Ur-niġar (3 sheep, 1 goat) ⁹³⁸
aga ₃ -us ₂ :	Šeš-kala (1 gazelle) ⁹³⁹ , Šuzu (4 sheep) ⁹⁴⁰
dam-gar ₃ :	Abbamu (2 sheep) ⁹⁴¹ , Bur-Mama ⁹⁴² , Dada’a (1 sheep) ⁹⁴³ , Ga’agama (1 sheep) ⁹⁴⁴ , Gudea ⁹⁴⁵ , Idda’a (3 sheep) ⁹⁴⁶ , Lu-Nanna (2 sheep) ⁹⁴⁷

⁹²⁴ A-da-lal₃ kuš₇: OIP 121 100:3 (AS 5 xi 11).

⁹²⁵ A-hu-ni kuš₇: PDT 1 167:4 (AS 5 iv 24).

⁹²⁶ Be-li₂-KAL kuš₇: PDT 2 1261:8 (AS 7 iii 21).

⁹²⁷ Du₁₁-ga-zi-da kuš₇: YOS 15 158:obv ii 26 (AS X X 6); YOS 15 158:obv iv 13 (AS X X 13).

⁹²⁸ E-pi-ri kuš₇: CDLJ 2007/1 3.16:11 (AS 5 v 4).

⁹²⁹ Hu-un-nu-um kuš₇: OIP 121 83:13 (AS 5 iii 26); CDLJ 2012/1 4.21:rev 5’ (AS 5 x 3).

⁹³⁰ I-din-^dIŠKUR kuš₇: OIP 121 89:3 (AS 5 v 7); CTNMC 10:5 (AS 5 v 9).

⁹³¹ Ip-hur kuš₇: Fs Levine 115-119:obv iii 17 (AS 2 xi 9).

⁹³² Mi-it-har kuš₇: Tavolette 326:12 (AS 5 v 25); MVN 13 458:13 (AS 5 x 8); YOS 15 158:obv iv 22 (AS X X 15).

⁹³³ ^dNin-šubur-AN.DUL₃ kuš₇: MVN 13 458:14 (AS 5 x 8).

⁹³⁴ PU₃.ŠA-Ka₃-ka₃ kuš₇: PDT 1 167:5 (AS 5 iv 24). For the DN Kakka, see Steinkeller 1982.

⁹³⁵ Ši-li₂-^dIŠKUR kuš₇: AuOr Suppl.11 24:4 (AS 5 iv 8).

⁹³⁶ ^dŠul-gi-diġir-kal-mu kuš₇: NYPL 5:8 (AS 5 x 6).

⁹³⁷ ^dŠul-gi-^dLamma-mu kuš₇: BCT 1 48:2 (AS 7 viii 8).

⁹³⁸ Ur-ni₉-ġar ab₂-ri₂-ig / ab₂-rig₅: CST 320:3 (AS 5 vi 20); MVN 15 192:5 = South Dakota 58:rev iii 17 (AS 5 xii 29).

⁹³⁹ Šeš-kal-la aga₃-us₂: South Dakota 58:obv iv 27 (AS 5 xii 15).

⁹⁴⁰ Šu-zu aga₃-us₂: MVN 13 848:8 (AS 5 vi 17).

⁹⁴¹ Ab-ba-mu dam-gar₃: CTNMC 11:3 (AS 5 x 18); UDT 131:3 (AS 6 iii 4).

⁹⁴² Bur-Ma-ma dam-gar₃: ArOr 25 562 24:2 (AS 5 iv 5); BIN 3 605:6 (AS 5 xi 23); South Dakota 58:obv i 4 (AS 5 xii 1); SAT 2 996:2 (AS 6 iii 27).

⁹⁴³ Da-da-a dam-gar₃: Nisaba 8 37:rev i 8 (AS 4 ixm 19).

⁹⁴⁴ Ga-a-ga-ma dam-gar₃: Hirose 189:2 (AS 5 iii 3).

di-ku ₅ :	Apili (1 goat) ⁹⁴⁸ , Itia (1 ox, 9 sheep, 1 goat) ⁹⁴⁹ , Lu-amana (1 goat) ⁹⁵⁰ , Lu-Ebgal (1 sheep) ⁹⁵¹ , Lugal-dubsar (1 sheep) ⁹⁵² , Šarrum-ili (1 sheep) ⁹⁵³ , Šu-Suen (2 sheep) ⁹⁵⁴ , Ur-Ninsun (1 sheep) ⁹⁵⁵
dub-sar:	Dadani (2 sheep) ⁹⁵⁶ , Ganaza (1 sheep) ⁹⁵⁷ , Lugal-azida (x sheep) ⁹⁵⁸ , Ur-Enlila (1 sheep) ⁹⁵⁹
en:	<i>en</i> -priest of Inana ⁹⁶⁰ , En-šakuge the <i>en</i> -priest of Nanše (5 sheep) ⁹⁶¹
engar:	Atu (1 sheep) ⁹⁶²
ereš-diġir:	ereš-priestess of Kakka of Maškan-šarrum (10 sheep) ⁹⁶³
gala:	Dada (6 sheep, 1 goat) ⁹⁶⁴
gala-mah:	Beburu (1 ox, 12 sheep) ⁹⁶⁵ , Mat-gigi of Urusaġrig (1 sheep) ⁹⁶⁶
gudu ₄ :	Ur-niġar (3 sheep) ⁹⁶⁷
ha-za-num ₂ :	Allamu (1 sheep) ⁹⁶⁸ , Ibku of Assur (6 sheep) ⁹⁶⁹
lu ² kaš ₄ :	Išarpadan (3 sheep) ⁹⁷⁰ , Puzur-Haia (4 sheep, 1 goat) ⁹⁷¹

⁹⁴⁵ Gu₃-de₂-a dam-gar₃: Nisaba 8 37:rev i 16 (AS 4 ixm 27); MVN 13 461:2 (AS 5 i 17); CST 305:8 (AS 5 ii 28); OIP 121 93:5 (AS 5 vii 16); OIP 121 100:16 (AS 5 xi 11); OIP 121 110:8' (AS X X 22).

⁹⁴⁶ Id-da-a dam-gar₃: Nisaba 8 37:obv i 24 (AS 4 viii 19); Nisaba 8 37:rev i 14 (AS 4 ixm 27); SAT 2 996:1 (AS 6 iii 27).

⁹⁴⁷ Lu₂-^dNanna dam-gar₃: BIN 3 538:12 (AS 5 i 8); TRU 123:7 (AS 5 iv 13).

⁹⁴⁸ A₂-pi₅-li₂ di-ku₅: OIP 121 102:1 = South Dakota 58:rev iii 1 (AS 5 xii 28).

⁹⁴⁹ I-ti-a di-ku₅: CTNMC 11:9 (AS 5 x 18).

⁹⁵⁰ Lu₂-ama-na di-ku₅: OIP 121 83:6 (AS 5 iii 26).

⁹⁵¹ Lu₂-^dEb-gal di-ku₅: Princeton 1 45:8 (AS 4 xii 7).

⁹⁵² Lugal-dub-sar di-ku₅: South Dakota 58:obv i 18 (AS 5 xii 4).

⁹⁵³ Šar-ru-um-i₃-li₂ di-ku₅: MVN 4 116:5 (AS 5 viii 25).

⁹⁵⁴ Šu-^dEN.ZU di-ku₅: MVN 1 127:7 (AS 5 i 29); Erm 14669:4 (AS 5 vii 26).

⁹⁵⁵ Ur-^dNin-sun₂ di-ku₅: BIN 3 295:4 (AS 6 iii 5?).

⁹⁵⁶ Da-da-ni dub-sar: MVN 11 152:5 (AS 5 iv 19); Nik 2 448:15 (AS 5 viii 28).

⁹⁵⁷ Ga-na-za dub-sar: South Dakota 58:rev ii 9 (AS 5 xii 26).

⁹⁵⁸ Lugal-a₂-zi-da dub-sar: OIP 121 110:2' (AS X X 22).

⁹⁵⁹ Ur-^dEn-lil₂-la₂ dub-sar: Akkadica 78 11:14 (AS 3 vi 20).

⁹⁶⁰ en ^dInana: SumRecDreh 14:1 (AS 2 iv 23); Akkadica 114-115 102 34:4 (AS 2 v 28); Fs Levine 115-119:obv i 11' (AS 2 xi 2); Fs Levine 115-119:obv iii 38 (AS 2 xi 11); Fs Levine 115-119:obv vi 35' (AS 2 xi 16); Fs Levine 115-119:obv vi 46' (AS 2 xi 17); Ontario 1 69:4 (AS 3 ix 4); Princeton 1 45:9 (AS 4 xii 7); NYPL 225:8 (AS 5 i 4); TCND 60:8 (AS 5 ii 26); OIP 121 81:4 (AS 5 iii 5); PDT 2 1066:4 (AS 5 iv 14); CDLJ 2007/1 3.16:12 (AS 5 v 4); TCND 66:2 (AS 5 v 23); PDT 1 118:6 (AS 5 v 30); ASJ 18 75 6:2 (AS 5 vi 13); CST 323:6 (AS 5 vi 30); OIP 121 93:9 (AS 5 vii 16); PDT 1 137:3 (AS 5 ix 4); SET 10:38 (AS 5 ix 11); Nik 2 476:32 (AS 5 ix 29); CTNMC 11:6 (AS 5 x 18); South Dakota 58:obv i 9 (AS 5 xii 3); South Dakota 58:rev ii 15 (AS 5 xii 26); South Dakota 58:rev ii 21 (AS 5 xii 27); BIN 3 284:3 (AS 6 iii 15); AUCT 2 241:1 (AS 6 v 13); NYPL 327:5 (AS 7 vi 22); MVN 13 472:18 (AS 8 x 5); OIP 121 107:1 (AS 8 x 15); YOS 15 158:obv iii 14 (AS X X 9).

⁹⁶¹ En-ša₃-ku₃-ge en ^dNanše: Fs Lipinski 215 Kerr 1:37 (AS 5 vi 27).

⁹⁶² A-tu engar: Nik 2 459:8 (AS 5 xi 9).

⁹⁶³ ereš-diġir ^dKa₃-ka₃ Maš-kan₂-šar-ru-um^{ki}: OIP 121 93:8 (AS 5 vii 16).

⁹⁶⁴ Da-da gala: BIN 3 522 (AS 2 v 2); Ontario 1 69:9 (AS 3 ix 4); OIP 121 82:10 (AS 5 iii 20); AUCT 1 267:7 (AS 5 v 10); YOS 18 10:19 (AS 5 v 26); Nisaba 8 81:6 (AS 5 vi 6); South Dakota 58:rev i 19 (AS 5 xii 22); AUCT 2 241:5 (AS 6 v 13).

⁹⁶⁵ Be₆-bu-ru gala-mah: MVN 13 454:13 (AS 5 vii 15); Nik 2 476:22 (AS 5 ix 29); South Dakota 58:rev ii 8 (AS 5 xii 26).

⁹⁶⁶ Ma-at-gi₄-gi₄ gala-mah Uru-saġ-rig^{ki}: MVN 15 192:4 = South Dakota 58:rev iii 16 (AS 5 xii 29).

⁹⁶⁷ Ur-ni₉-ġar gudu₄: Akkadica 78 11:17 (AS 3 vi 20).

⁹⁶⁸ Al-la-mu ha-za-num₂: TRU 121:4 = South Dakota 58:obv v 33 (AS 5 xii 21). For the term ha-za-num₂ "village headman, town mayor", see Steinkeller 2007a.

⁹⁶⁹ Ib-kum ha-za-num₂ Aš-šur^{ki}: AAICAB 1/2 pl.155 1971-395:23 (AS 5 iii 25).

⁹⁷⁰ I-šar-pa₂-dan ^{lu}2kaš₄: MVN 13 848:12 (AS 5 vi 17).

⁹⁷¹ PU₃.ŠA-Ha-ia₃ ^{lu}2kaš₄: SumRecDreh 14:3 (AS 2 iv 23).

lu ₂ ^{ġi} ban	Ahanšibu (1 sheep) ⁹⁷²
maš-en-kak:	Ili-dan (1 ox, 8 sheep, 2 goats) ⁹⁷³ , Laqipum (1 ox, 7 sheep, 3 goats) ⁹⁷⁴
maš ₂ -šu-gid ₂ -gid ₂ :	Sizigen (2 sheep) ⁹⁷⁵
muhaldim:	Ikala (1 sheep) ⁹⁷⁶
na-gada:	Ahu-ali (1 sheep, 1 goats) ⁹⁷⁷ , Puzur-Wer (2 sheep) ⁹⁷⁸
nar:	Ur-mes (1 sheep) ⁹⁷⁹ , Ur-Ningublaga (1 sheep, 1 goat) ⁹⁸⁰
nu-banda ₃ gu ₄ :	Ikizu (1 sheep) ⁹⁸¹ , Šu-Ea (2 oxen, 15 sheep, 5 goats) ⁹⁸²
pisan-dub-ba:	Gudea (1 goat) ⁹⁸³ , Lugal-azida (1 sheep) ⁹⁸⁴ , Ur-Šulgi (1 sheep) ⁹⁸⁵
ra ₂ -gaba:	Išar-padan (1 sheep) ⁹⁸⁶ , Nuhi-ilum (1 sheep, 1 gazelle) ⁹⁸⁷ , Šu-Eštar (1 ox) ⁹⁸⁸ , Ur-Šulpae (1 goat) ⁹⁸⁹
sagi:	Lu-Nanna (2 sheep) ⁹⁹⁰ , Ur-sukkal (1 sheep) ⁹⁹¹
saġġa:	Ur-tilla (15 sheep, 1 goat) ⁹⁹² , Watarum (2 oxen, 80 sheep, 2 goats, 1 gazelle) ⁹⁹³
sipa ur:	Atanah (1 ox, 5 sheep, 1 goat) ⁹⁹⁴
sukkal:	Lu-balasaga (1 sheep) ⁹⁹⁵ , Lugal-ezem (2 sheep) ⁹⁹⁶ , Nanna-dalla (5

⁹⁷² A-ha-an-ši-bu lu₂ ^{ġi}ban: YOS 15 158:obv iii 15 (AS X X 9).

⁹⁷³ I₃-li₂-dan maš-en-kak: OIP 121 100:5 (AS 5 xi 11).

⁹⁷⁴ La-qi₃-ip maš-en-kak: OIP 121 89:6 (AS 5 v 7). For this name, see Hilgert 2002: 386.

⁹⁷⁵ Si₄-zi-ge-en maš₂-šu-gid₂-gid₂: AUCT 1 265:1 (AS 2 x 9).

⁹⁷⁶ I₃-kal-la muhaldim: PDT 1 571:2 (AS – xii 27).

⁹⁷⁷ A-hu-a-li₂ na-gada: BCT 1 48:4 (AS 7 viii 8).

⁹⁷⁸ PU₃.ŠA-We-er na-gada: BCT 1 48:3 (AS 7 viii 8).

⁹⁷⁹ Ur-mes nar: ASJ 7 122 1:3 (AS 5 ix 10).

⁹⁸⁰ Ur-^dNin-gublaga (nar): PDT 2 958:obv i 38 (AS 2 i 3); OIP 121 75:9 (AS 2 iii 17); YOS 15 158:obv iv 26 (AS X X 15).

⁹⁸¹ I-ki-zu nu-banda₃-gu₄: Nik 2 459:10 (AS 5 xi 9). For the term nu-banda₃-gu₄, see most recently Studevent-Hickman 2008.

⁹⁸² Šu-E₂-a nu-banda₃-gu₄: PDT 2 972:3 = South Dakota 58:obv ii 17 (AS 5 xii 8).

⁹⁸³ Gu₃-de₂-a pisan-dub-ba: PDT 2 1256:3 (AS 4 ixm 19).

⁹⁸⁴ Lugal-a₂-zi-da pisan-dub-ba: BIN 3 466:7 = YOS 15 158:obv i 7 (AS 6 iii 1).

⁹⁸⁵ Ur-^dŠul-gi-ra pisan-dub-ba: PDT 2 1256:4 (AS 4 ixm 19).

⁹⁸⁶ I-šar-pa₂-dan ra₂-gaba: SumRecDreh 14:6 (AS 2 iv 23).

⁹⁸⁷ Nu-hi-DIĠIR ra₂-gaba: MVN 1 127:9 (AS 5 i 29).

⁹⁸⁸ Šu-Eš₁₈-tar₂ ra₂-gaba: Nisaba 8 81:8 (AS 5 vi 6).

⁹⁸⁹ Ur-^dŠul-pa-e₃ ra₂-gaba: South Dakota 58:obv i 8 (AS 5 xii 3).

⁹⁹⁰ Lu₂-^dNanna sagi: OIP 121 82:5 (AS 5 iii 20).

⁹⁹¹ Ur-sukkal sagi: SumRecDreh 14:9 (AS 2 iv 23).

⁹⁹² Ur-^(d)Tilla_{3/5} saġġa: OIP 121 75:5 (AS 2 iii 17); OIP 121 77:2 (AS 2 vii 24); Fs Levine 115-119:obv ii 13 (AS 2 xi 6); Fs Levine 115-119:obv iv 30' (AS 2 xi 12); Fs Levine 115-119:obv vi 38' (AS 2 xi 16); Ontario 1 68:5 (AS 2 xii 23); Rochester 40:9 (AS 3 i 21); Ontario 1 69:12 (AS 3 ix 4).

⁹⁹³ Wa-ta₂-ru-um saġġa: SAT 2 774:6 (AS 4 ix 25); PDT 2 1285:4 (AS 4 xii 20); MVN 1 127:1 (AS 5 i 29); TCND 60:2 (AS 5 ii 26); TCND 61:4 (AS 5 iii 4); PDT 1 9:2 (AS 5 iii 10); Erm 14670:2 (AS 5 iii 18); ArOr 25 562 24:1 (AS 5 iv 5); AUCT 1 93:4 (AS 5 iv 10); PDT 2 992:2 (AS 5 iv 23); OIP 121 86:3 (AS 5 iv 26); OIP 121 89:9 (AS 5 v 7); TCND 64:2 (AS 5 v 11); BIN 3 122:2 (AS 5 v 15); PDT 1 166:15 (AS 5 v 25); Nisaba 8 382:2 (AS 5 v 27); PDT 1 137:7 (AS 5 ix 4); CDLJ 2012/1 4.21:rev 9' (AS 5 x 3); TCL 2 5504:obv i 3 (AS 5 x 9); Hirose 214:2 (AS 5 xi 28); South Dakota 58:obv i 23 (AS 5 xii 5); PDT 2 972:5 = South Dakota 58:obv ii 20 (AS 5 xii 8); South Dakota 58:obv ii 37 (AS 5 xii 9); South Dakota 58:obv iii 17 (AS 5 xii 12); South Dakota 58:obv v 19 (AS 5 xii 20); South Dakota 58:rev i 27 (AS 5 xii 24); PDT 2 1187:1 (AS 6 v 7); JAOS 33 172 5:11 (AS 8 ix 12); YOS 15 158:obv ii 14 (AS X X 5); YOS 15 158:obv ii 21 (AS X X 6); YOS 15 158:obv iii 10 (AS X X 8); OIP 121 110:10' (AS X X 22).

⁹⁹⁴ A-ta₂-na-ah sipa ur-ra: MVN 11 152:12 (AS 5 iv 19).

⁹⁹⁵ Lu₂-bala-sa₆-ga sukkal: ArOr 25 560 17:6 (AS 7 x 17).

⁹⁹⁶ Lugal-ezem sukkal: ArOr 25 562 24:10 (AS 5 iv 5).

	sheep, 1 goat) ⁹⁹⁷ , Šu-Durul (2 sheep, 1 goat) ⁹⁹⁸ , Šu-ili (1 sheep) ⁹⁹⁹ , U ^u umu (1 sheep) ¹⁰⁰⁰
šidim:	Šabum (1 goat) ¹⁰⁰¹ , Zana'a (3 sheep) ¹⁰⁰²
šu-ku ₆ :	Lu-Inana (2 sheep) ¹⁰⁰³ , Šeš-kala (1 sheep) ¹⁰⁰⁴
u ₃ -kul:	Amua (2+ sheep) ¹⁰⁰⁵ , Dada (2 sheep, 1 goat) ¹⁰⁰⁶ , Lu-Nanna (1 sheep) ¹⁰⁰⁷
u ₄ -da-tuš:	Šu-Eštar (1 goat) ¹⁰⁰⁸
ugula uš-bar:	Ahuma (1 sheep) ¹⁰⁰⁹ , Ur-BIL-saĝ (4 sheep) ¹⁰¹⁰ , Ur-Hendur-saĝ (4 sheep) ¹⁰¹¹
um-mi-a:	Namhani (1 sheep) ¹⁰¹²
unu ₃ :	Nanna-isa (1 sheep) ¹⁰¹³

2.2.3.1.9 Individuals without titles

Aba-saga received (i₃-dab₅) the deliveries (mu-DU) of animals of the following 335 individuals who did not hold titles. They are in alphabetical order below:

A: A^aaddamu son of Hilia (1 sheep)¹⁰¹⁴, A^a-ilišu (4 sheep)¹⁰¹⁵, Abba (1 goat)¹⁰¹⁶, Abua (1 sheep)¹⁰¹⁷, Abuni (3 oxen, 32 sheep, 12 goats, 6 gazelles)¹⁰¹⁸, Abuza (1 sheep)¹⁰¹⁹, Adad-dan brother of Iddin-Adad (1 ox,

⁹⁹⁷ ^dNanna-dalla sukkal: TCND 68:3 (AS 5 viii 7).

⁹⁹⁸ Šu-Dur-ul₃ sukkal: DoCu 256:2 (AS 5 viii 30).

⁹⁹⁹ Šu-i₃-li₂ sukkal: South Dakota 58:obv ii 10 (AS 5 xii 7).

¹⁰⁰⁰ U₂-u₂-mu sukkal: TCL 2 5504:rev ii 5 (AS 5 x 9).

¹⁰⁰¹ Ša-bu-um šidim: PDT 2 1266:12 (AS 3 xii 19).

¹⁰⁰² Za-na-a šidim: South Dakota 58:obv iv 13 (AS 5 xii 14).

¹⁰⁰³ Lu₂-^dInana šu-ku₆: MVN 13 458:4 (AS 5 x 8); South Dakota 58:obv iii 29 (AS 5 xii 12).

¹⁰⁰⁴ Šeš-kal-la šu-ku₆: OIP 121 110:9' (AS X X 22).

¹⁰⁰⁵ A-mu-a u₃-kul: JANES 9 21 3:7 = StLouis 111:7 (AS 5 ii 17). For u₃-kul, see Michalowski 2006: 53.

¹⁰⁰⁶ Da-da u₃-kul: Fs Levine 115-119:obv vi 26' (AS 2 xi 15); CDLJ 2012/1 4.21:rev 2' (AS 5 x 3); TCL 2 5504:rev i 7 (AS 5 x 9).

¹⁰⁰⁷ Lu₂-^dNanna u₃-kul: TCL 2 5504:rev ii 10 (AS 5 x 9).

¹⁰⁰⁸ Šu-Eš₁₈-tar₂ u₄-da-tuš: MVN 1 127:4 (AS 5 i 29).

¹⁰⁰⁹ A-hu-um-ma ugula uš-bar: Nisaba 8 382:9 (AS 5 v 27).

¹⁰¹⁰ Ur-^dBIL₂-saĝ ugula uš-bar: OIP 121 100:9 (AS 5 xi 11). It is suggested that the DN ^dBIL₂-saĝ is possibly a variant of ^dPa-bil₂-saĝ or ^dHendur(PA). For the DN ^dPa-bil₂-saĝ, see Such-Gutiérrez 2003: 365. I suspect that the two persons, Ur-^dBIL₂-saĝ ugula uš-bar and Ur-^dHendur-saĝ ugula uš-bar, possibly are identical.

¹⁰¹¹ Ur-^dHendur-saĝ ugula uš-bar: OIP 121 82:8 (AS 5 iii 20). For the DN ^dHendur-saĝ, see Such-Gutiérrez 2003: 331-332.

¹⁰¹² Nam-ha-ni um-mi-a: Fs Levine 115-119:obv iii 40 (AS 2 xi 11).

¹⁰¹³ ^dNanna-i₃-sa₆ unu₃: YOS 15 158:obv iv 27 (AS X X 15).

¹⁰¹⁴ A-ad-da-mu dumu Hi-li-a: TRU 121:6 = South Dakota 58:obv v 36 (AS 5 xii 21).

¹⁰¹⁵ A-a-i₃-li₂-šu: Fs Levine 115-119:obv iii 4 (AS 2 xi 9). For this personal name, see Hilgert 2002: 341.

¹⁰¹⁶ Ab-ba: MVN 15 350:30 (AS 5 ix 24). Note that the Sumerian ab-ba means "father, elder".

¹⁰¹⁷ A-bu-a: South Dakota 58:rev ii 6 (AS 5 xii 26).

¹⁰¹⁸ A-bu-ni: PDT 2 958:obv ii 50 (AS 2 i X); JCS 35 208 7:1 (AS 2 iii 4); SAT 2 774:18 (AS 4 ix 25); Nisaba 8 37:obv ii 25 (AS 4 ix m 6); OIP 121 86:8 (AS 5 iv 26); YOS 18 10:10 (AS 5 v 26); MVN 13 425:5 (AS 5 vii 25); MVN 4 116:1 (AS 5 viii 25); MVN 13 458:1 (AS 5 x 8); TCL 2 5504:obv i 6 (AS 5 x 9); BIN 3 284:1 (AS 6 iii 15); YOS 15 158:obv i 16 (AS X X 2). Note that the name is frequently attested in Drehem texts as the mu-DU-official, who is probably identified as the general, and see A-bu-ni šagina in AUCT 1 276 (undated), BIN 3 374 (AS 2 iii 3), Trouvaille 83 (IS 2 viii).

¹⁰¹⁹ A-bu-za: CDLJ 2012/1 4.21:rev 3' (AS 5 x 3). The name is attested in only one more text, apart from the text under discussion, and see SACT 1 104 (SS 7 iv): with the seal impression A-bu-za kurušda Umma^{ki}. It suggests that the person is possibly from Umma.

11 sheep)¹⁰²⁰, Adalal (1 sheep)¹⁰²¹, Adatum (5 sheep, 1 goat)¹⁰²², Adda'a (1 goat)¹⁰²³, Adda-kala (1 goat)¹⁰²⁴, Aguda (3 sheep)¹⁰²⁵, Ahua (4 sheep, 70 goats)¹⁰²⁶, Ahua brother of Šu-salla (1 goat)¹⁰²⁷, Ahuni (1 sheep)¹⁰²⁸, Ahuwaqar (2 sheep, 1 goat)¹⁰²⁹, Aliah (1 sheep)¹⁰³⁰, Allamu (x sheep)¹⁰³¹, Ama-ilum (3 oxen)¹⁰³², Ama-mu (1 sheep, 1 goat)¹⁰³³, Ama-zimu (7 sheep)¹⁰³⁴, Amar-gir (3 sheep)¹⁰³⁵, Amur-Ea (3 oxen, 23 sheep, 19 goats, 1 hybrid of goat)¹⁰³⁶, Amur-LU-numun (1 goat)¹⁰³⁷, Apila (1 sheep)¹⁰³⁸, Apilanum (1 sheep)¹⁰³⁹, Apili (1 goat)¹⁰⁴⁰, Apilia (1 sheep)¹⁰⁴¹, Apiluma (1 goat)¹⁰⁴², Arad-dani (1 goat)¹⁰⁴³, Arad-hula (2 sheep, 3 goats)¹⁰⁴⁴, Arad-Nanna/Aradġu (6 oxen, 61 sheep, 25 goats, 4 gazelles, 1 bear)¹⁰⁴⁵, ARAD-u (2 sheep)¹⁰⁴⁶, Arbitum wife of Hun-

¹⁰²⁰ d₁ŠKUR-dan šeš I-din-d₁ŠKUR: CTNMC 10:7 (AS 5 v 9). For the name d₁ŠKUR-dan, see Hilgert 2002: 286.

¹⁰²¹ A-da-lal₃: OIP 121 95:5 (AS 5 viii 14). For the meaning of the name, see Hilgert 2002: 271. This name is attested in Drehem texts frequently as the mu-DU-official with different titles, which include ^{lu}2kaš₄ “runner” (AUCT 1 93), ra₂-gaba “equestrian” (AUCT 2 54, MVN 15 142, STD 10), šabra “temple perfect” (MCS 5 59 HSM 7970, MVN 13 463, MVN 15 343, Nik 2 518, NYPL 1, Ontario 1 168, Ontario 1 169, PDT 2 1144, SAT 3 1845, TRU 377), unu₃ (Nebraska 36), nu-banda₃ (Nik 2 487), kuš₇ (OIP 115 272, OIP 121 100), maš-en-kak (PDT 1 422), sagi (Princeton 2 141), lu₂ en-nu-ga₂ (UCP 9-2-1 42). It is difficult to identify the person under discussion.

¹⁰²² A-da-tum: Nisaba 8 37:obv ii 29 (AS 4 ixm 6); Princeton 1 45:5 (AS 4 xii 7); BIN 3 532:6 (AS 5 i 20); TCL 2 5504:obv i 17 (AS 5 x 9); BIN 3 284:2 (AS 6 iii 15). A-ad-tum: Fs Levine 115-119:rev i 19 (AS 2 xi 18): 1 sheep. In Drehem texts, the person is always as the mu-DU-official, and he is possibly identified as the general of Mari, see the texts CST 227 (AS 1 iv 28, A-da-tum šagina) and OIP 115 181 (Š 45 x 6, A-da-tum lu₂ Ma-ri₂^[ki]). Also see Owen 1992: 124 (Adatum).

¹⁰²³ Ad-da-a: PDT 1 561:7 (AS 9 vi 6). This name is attested only in Drehem texts. One text, OrSP 47-49 19 (AS 2 viii 27) mentions Ad-da-a nu-banda₃ as the mu-DU-official, who is probably identical with the person under discussion. Moreover, a seal impression recorded in the text BCT 1 111 (SS 9 xii 24) shows that Hallia is the son of Adda'a (Hal-li₂-a, dub-sar, dumu Ad-da-a).

¹⁰²⁴ Ad-da-kal-la: YOS 15 158:rev iii 17 (AS X X 30).

¹⁰²⁵ A-gu-da: BPOA 6 880:5 (AS 7 xii 15). Another text that mention the name as the mu-DU-official is AUCT 3 214 (Intaea i₃-dab₅). But it is unclear for the identity of the person. For the meaning of the name, see Hilgert 2002:279 (A-ku-da-an).

¹⁰²⁶ A-hu-a: Ontario 1 68:7 (AS 2 xii 23); Nik 2 476:8 (AS 5 ix 29); PDT 1 554:6 (AS 8 ix 26).

¹⁰²⁷ A-hu-a šeš Šu-sal-la: OIP 121 95:1 (AS 5 viii 14).

¹⁰²⁸ A-hu-ni: Fs Levine 115-119:obv iii 30 (AS 2 xi 10).

¹⁰²⁹ A-hu-wa-qar: MVN 13 454:11 (AS 5 vii 15); Nik 2 476:17 (AS 5 ix 29); PDT 1 561:9 (AS 9 vi 6).

¹⁰³⁰ A-li₂-ah: ASJ 18 75 6:6 (AS 5 vi 13).

¹⁰³¹ Al-la-mu: AUCT 1 940:13 (AS 4 vi 26).

¹⁰³² Ama-DIĠIR: PDT 2 1266:6 (AS 3 xii 19).

¹⁰³³ Ama-mu: Fs Levine 115-119:rev i 17 (AS 2 xi 18).

¹⁰³⁴ Ama-zi-mu: BIN 3 537:9 (AS 5 iii 29); MVN 13 454:4 (AS 5 vii 15); South Dakota 58:rev ii 7 (AS 5 xii 26); OIP 121 102:5 = South Dakota 58:rev iii 5 (AS 5 xii 28); YOS 15 158:obv iv 8 (AS X X 13).

¹⁰³⁵ Amar-gir₁₅: Fs Levine 115-119:obv iii 29 (AS 2 xi 10). This name is only attested in the text.

¹⁰³⁶ A-mur-E₂-a: PDT 2 958:obv iii 7 (AS 2 i X); OIP 121 77:4 (AS 2 vii 24); Fs Levine 115-119:obv ii 20 (AS 2 xi 7); Fs Levine 115-119:rev ii 11 (AS 2 xi 22).

¹⁰³⁷ A-mu-er₂-LU-numun: MVN 13 458:9 (AS 5 x 8). This name is only attested in this text.

¹⁰³⁸ A₂-pi₅-la: South Dakota 58:obv iv 37 (AS 5 xii 17). For the meaning of the name, see Hilgert 2002: 240.

¹⁰³⁹ A₂-pi₂-la-num₂: Fs Levine 115-119:obv iii 8 (AS 2 xi 9). For the meaning of the name, see Hilgert 2002: 241 (possibly the variant of A₂-pi₄-la-num₂).

¹⁰⁴⁰ A₂-pi₅-li₂: CDLJ 2012/1 4.21:10 (AS 5 x 3). For the meaning of the name, see Hilgert 2002: 239.

¹⁰⁴¹ A₂-pi₅-li₂-a: PDT 2 958:obv i 2 (AS 2 i 1); BIN 3 538:8 (AS 5 i 8, ša₃-ġal₂). For the meaning of the name, see Hilgert 2002: 241.

¹⁰⁴² A₂-pi-lum-ma: BIN 3 122:4 (AS 5 v 15). For the meaning of the name, see Hilgert 2002: 241.

¹⁰⁴³ Arad₂-da-ni: Fs Levine 115-119:rev iii 8 (AS 2 xi 30).

¹⁰⁴⁴ Arad₂-hul₃-la: Nisaba 8 37:rev i 1 (AS 4 ix m 6); KM 89262:28 (AS 5 ii 2); Hirose 158:1 (AS 5 vi 2); OrSP 18 pl.6 20:11 (AS 5 viii 12); OIP 121 96:7 (AS 5 viii 22).

¹⁰⁴⁵ Arad₂-^dNanna/Arad₂-ġu₁₀: PDT 2 958:obv i 7 (AS 2 i 1); PDT 2 958:obv ii 20 (AS 2 i X); OIP 121 75:7 (AS 2 iii 17); BIN 3 48:4 (AS 2 iv 25); OLP 8 8 3:4 (AS 2 v 18); Akkadica 114-115 102 34:7 (AS 2 v 28); PDT 2 1285:7 (AS 4 xii 20); MVN 13 662:1 (AS 5 i 10); PDT 1 59:3 (AS 5 i 24); PDT 1 167:15 (AS 5 iv 24); TCL 2 5504:obv i 1 (AS 5 x 9); South Dakota 58:obv iv 19 (AS 5 xii 14); South Dakota 58:rev i 16 (AS 5 xii 22); OIP 121 102:10 = South Dakota 58:rev iii 10 (AS 5 xii 28); UDT 131:1 (AS 6 iii 4); BIN 3 272:3 (AS 6 xi 25); BIN 3 311:5 (AS 7 ix 24); YOS 15 158:obv ii 12 (AS X X 5); YOS 15 158:obv iii 25 (AS X X 11). For the name Arad₂-^dNanna identical

habur (1 goat)¹⁰⁴⁷, Atakal (1 sheep, 1 goat)¹⁰⁴⁸, Atakalšum (2 sheep)¹⁰⁴⁹, Azida (1 sheep)¹⁰⁵⁰

B: Babati (8 sheep)¹⁰⁵¹, Bahar-šen (2 sheep, 8 goats)¹⁰⁵², Bazamu (1 goat)¹⁰⁵³, Beli-arik (27 sheep, 1 wild sheep, 11 goats, 44 wild goats)¹⁰⁵⁴, Beli-nahati (2 sheep)¹⁰⁵⁵, Bur-Adad (1 ox, 9 sheep, 1 goat)¹⁰⁵⁶, Bur-Mama (1 sheep, 1 goat)¹⁰⁵⁷, Bušam (1 equid, 11 deer)¹⁰⁵⁸

D: Dada (2 sheep, 2 goats)¹⁰⁵⁹, Dada son of Ur-Mama (1 goat)¹⁰⁶⁰, son of Dada the lamentation singer (1 sheep)¹⁰⁶¹, Dadani (1 sheep)¹⁰⁶², Dala'a (9 sheep)¹⁰⁶³, Dan-Šulgi (1 sheep, 1 goat)¹⁰⁶⁴, Daši-Enlil (1 sheep)¹⁰⁶⁵, DU-ili (4 sheep)¹⁰⁶⁶, Dukra (2 sheep, 1 goat, 1 gazelle)¹⁰⁶⁷

E: Ea-ili (1 gazelle)¹⁰⁶⁸, Ea-Malik (1 goat)¹⁰⁶⁹, Ea-rabi (1 sheep)¹⁰⁷⁰, Engardu (1 sheep)¹⁰⁷¹, Enlila (1 sheep, 2 goats)¹⁰⁷², Enlil-palil (1 sheep)¹⁰⁷³, Enlil-zišaġal (1 ox, 3 sheep)¹⁰⁷⁴, En-šakuge (1 ox, 12 sheep, 3 goats)¹⁰⁷⁵, En-

with Arad₂-ġu₁₀ both with title sukkal-mah, see Goetze 1963: 9.

¹⁰⁴⁶ ARAD₂-u₃: PDT 2 1066:6 (AS 5 iv 14); OIP 121 86:7 (AS 5 iv 26). The name without designation is attested in Drehem for several times as the mu-DU-official, except for one text in question, PDT 2 959: <ARAD₂>-u₃! ha-zanum₂.

¹⁰⁴⁷ Ar-bi₂-tum dam Hu-un-ha-ab-ur: BIN 3 48:9-10 (AS 2 iv 25).

¹⁰⁴⁸ A-ta₂-kal₂: South Dakota 58:obv iii 9 (AS 5 xii 11); MVN 13 472:13 (AS 8 x 5). For this name, see Hilgert 2002: 188.

¹⁰⁴⁹ A₂-ta₂-kal₂-šum: Nisaba 8 380:5 (AS 8 vii 12); JAOS 33 172 5:16 (AS 8 ix 12). For this name, see Hilgert 2002: 188.

¹⁰⁵⁰ A₂-zi-da: MVN 13 458:5 (AS 5 x 8).

¹⁰⁵¹ Ba-ba-ti: JCS 23 113 23:10 (AS 5 i 23); PDT 1 25:2 (AS 5 v 19); TCL 2 5504:obv ii 18 (AS 5 x 9); PDT 1 561:17 (AS 9 vi 6); YOS 15 158:obv iv 18 (AS X X 14). It is definitely certain that this person is identified as the brother of the queen Abisimti, and namely the uncle of the king Šu-Suen (see Michalowski 2005: 65-76 and Michalowski 2013: 297).

¹⁰⁵² Ba-ha-ar-še-en: MVN 10 130:2 (AS 4 xi 3).

¹⁰⁵³ Ba-za-mu: Fs Levine 115-119:obv ii 26 (AS 2 xi 8).

¹⁰⁵⁴ Be-li₂-a-ri₂-ik: Fs Levine 115-119:rev i 7 (AS 2 xi 18); Nisaba 8 37:obv i 26 (AS 4 viii 23); MVN 13 662:5 (AS 5 i 10); OIP 121 83:8 (AS 5 iii 26); PDT 1 167:10 (AS 5 iv 24); OIP 121 86:16 (AS 5 iv 26); YOS 18 10:4 (AS 5 v 26); OIP 121 96:3 (AS 5 viii 22); NYPL 272:3 (AS 5 viii 23); TCL 2 5504:obv i 19 (AS 5 x 9); PDT 2 915:2 (AS X X 7).

¹⁰⁵⁵ Be-li₂-na-ha-ti: BIN 3 54:3 (AS 2 xi 1).

¹⁰⁵⁶ Bur-^dŠKUR: Fs Levine 115-119:obv v 10' (AS 2 xi 14).

¹⁰⁵⁷ Bur-Ma-ma: Fs Levine 115-119:obv ii 3 (AS 2 xi 5); CDLJ 2012/1 4.21:2 (AS 5 x 3).

¹⁰⁵⁸ Bu-ša-am: SA 35:5 (AS 5 vi 12).

¹⁰⁵⁹ Da-da: Fs Levine 115-119:obv ii 10 (AS 2 xi 5); Nisaba 8 37:obv ii 23 (AS 4 ix m 6); MVN 13 461:1 (AS 5 i 17); KM 89225:23 (AS 5 viii 13).

¹⁰⁶⁰ Da-da dumu Ur-Ma-ma: Fs Levine 115-119:obv ii 21 (AS 2 xi 7).

¹⁰⁶¹ dumu Da-da gala: OIP 121 87:9 (AS 5 v 2).

¹⁰⁶² Da-da-ni: MVN 13 640:10 (AS 5 v 29).

¹⁰⁶³ Da-la-a: Erm 14670:6 (AS 5 iii 18); AAICAB 1/2 pl.155 1971-395:20 (AS 5 iii 25); ASJ 7 122 1:7 (AS 5 ix 10); TCND 69:5 (AS 5 ix 16).

¹⁰⁶⁴ Dan-^dŠul-gi: Nisaba 8 37:obv ii 24 (AS 4 ix m 6); Nisaba 8 37:rev i 18 (AS 4 ix m 27).

¹⁰⁶⁵ Da-ši-^dEn-li₂: NYPL 198:9 (AS 5 iii 7).

¹⁰⁶⁶ DU₁₁-i₃-li₂: South Dakota 58:obv ii 34 (AS 5 xii 9). For this PN, see Hilgert 2002: 401 (DUG₃-i₃-li₂).

¹⁰⁶⁷ Du-uk-ra: Nisaba 8 37:obv ii 21 (AS 4 ix m 6); YOS 18 10:18 (AS 5 v 26); TCL 2 5504:obv i 15 (AS 5 x 9); South Dakota 58:obv iii 2 (AS 5 xii 10).

¹⁰⁶⁸ E₂-a-i₃-li₂: Rochester 40:3 (AS 3 i 21).

¹⁰⁶⁹ E₂-a-ma-lik: CDLJ 2012/1 4.21:7 (AS 5 x 3).

¹⁰⁷⁰ E₂-a-ra-bi₂: OIP 121 89:8 (AS 5 v 7).

¹⁰⁷¹ Engar-du₁₀: BIN 3 605:5 (AS 5 xi 23).

¹⁰⁷² ^dEn-li₂-la₂: Akkadica 78 11:18 (AS 3 vi 20); Tavolette 326:14 (AS 5 v 25).

¹⁰⁷³ ^dEn-li₂-palil: MVN 15 350:29 (AS 5 ix 24). For this PN, see Hilgert 2002: 278.

¹⁰⁷⁴ ^dEn-li₂-zi-ša₃-ġal₂: NYPL 5:10 (AS 5 x 6); TCL 2 5504:rev ii 13 (AS 5 x 9); OIP 121 105:7 (AS 8 i 8); MVN 13 472:21 (AS 8 x 5).

¹⁰⁷⁵ En-ša₃-ku₃-ge: PDT 2 958:obv ii 9 (AS 2 i 4); PDT 2 1273:8 (AS 4 i 11); MVN 13 472:3 (AS 8 x 5).

urkuge (24 sheep, 2 goats)¹⁰⁷⁶, Erra-qurad (2 goats)¹⁰⁷⁷, Errešum (1 sheep)¹⁰⁷⁸, Eštar-ilšu (19 sheep)¹⁰⁷⁹, mother of Eštar-ilšu (1 gazelle)¹⁰⁸⁰

G: Garadu son of Gal-PI (6 oxen)¹⁰⁸¹, Geme-Enlila (1 sheep)¹⁰⁸², Geme-Gestin-anna (1 sheep)¹⁰⁸³, Gudea (3 sheep)¹⁰⁸⁴, Ĝa'akam (6 sheep)¹⁰⁸⁵

H: Habruša (2 sheep, 1 goat, 1 gazelle)¹⁰⁸⁶, Habrušer (1 sheep)¹⁰⁸⁷, Hanzabtum (2 sheep)¹⁰⁸⁸, Hašip-atal (50 oxen, 304 sheep, 602 goats)¹⁰⁸⁹, Huba'a (3 oxen, 38 sheep, 15 goats)¹⁰⁹⁰, Hulal (1 sheep)¹⁰⁹¹, Hun-habur (2 oxen, 13 sheep, 7 goats)¹⁰⁹², Hun-hubše (1 ox, 10 sheep)¹⁰⁹³, Hun-Šulgi (5 sheep)¹⁰⁹⁴

I: Ibni-Ištaran (2 sheep)¹⁰⁹⁵, Ibni-Adad (4 sheep)¹⁰⁹⁶, Ibni-ilum (1 sheep)¹⁰⁹⁷, Idda'a (14 sheep, 6 goats, 1 gazelle)¹⁰⁹⁸, Idia (1 sheep)¹⁰⁹⁹, Iddin-Adad (10 sheep)¹¹⁰⁰, Iddin-Dagan (12 sheep)¹¹⁰¹, Iddin-Ea (1 ox, 7 sheep, 8+

¹⁰⁷⁶ En-ur₂-ku₃-ge: Fs Levine 115-119:obv iii 42 (AS 2 xi 11); OIP 121 83:4 (AS 5 iii 26); MVN 13 848:16 (AS 5 vi 17); MVN 13 454:14 (AS 5 vii 15); Erm 14669:2 (AS 5 vii 26); South Dakota 58:rev ii 34 (AS 5 xii 27); YOS 15 158:obv iii 23 (AS X X 11).

¹⁰⁷⁷ Er₃-ra-qu₂-ra-ad: Ontario 1 69:13 (AS 3 ix 4).

¹⁰⁷⁸ Er₃-re-šum: CDLJ 2012/1 4.21:9 (AS 5 x 3).

¹⁰⁷⁹ Eš₁₈-tar₂-il/DIĜIR/1₁₆-šu: Princeton 2 96:8 (AS 1 ix 11); MVN 13 845:5 (AS 2 x 20); Fs Levine 115-119:obv iii 27 (AS 2 xi 10); Fs Levine 115-119:obv iv 37' (AS 2 xi 12); Fs Levine 115-119:obv vi 25' (AS 2 xi 15); Fs Levine 115-119:rev ii 23 (AS 2 xi 26); NYPL 222:2 = Nisaba 8 37:obv ii 1 (AS 4 viii 24); YOS 15 172:5 (AS 4 ix 27); TCND 62:2 (AS 5 iii 14); OIP 121 82:2 (AS 5 iii 20); ASJ 18 75 6:4 (AS 5 vi 13); UCP 9-2-2 35:4 (AS 5 vii 23); MVN 4 116:7 (AS 5 viii 25); TCL 2 5504:obv ii 2 (AS 5 x 9); OIP 121 100:14 (AS 5 xi 11); BIN 3 605:4 (AS 5 xi 23); UDT 131:4 (AS 6 iii 4); YOS 15 158:rev iii 8 (AS X X 28).

¹⁰⁸⁰ ama Eš₁₈-tar₂-il-šu: OIP 121 92:7 (AS 5 vii 11).

¹⁰⁸¹ Ga-ra-du dumu Gal-PI: MVN 11 140:12 (AS 5 ix 9). The name is only attested in the text.

¹⁰⁸² Geme₂-^dEn-lil₂-la₂: JCS 23 113 25:5 (AS 5 vi 28).

¹⁰⁸³ Geme₂-^dGestin-an-na: TCND 69:7 (AS 5 ix 16).

¹⁰⁸⁴ Gu₃-de₂-a: PDT 2 958:obv i 14 (AS 2 i 1); OIP 121 75:8 (AS 2 iii 17); OIP 121 82:1 (AS 5 iii 20).

¹⁰⁸⁵ Ĝa₂-a-kam: PDT 2 958:obv i 34 (AS 2 i 2); SumRecDreh 14:10 (AS 2 iv 23). The name is attested in Drehem texts for several times all as the mu-DU-official. Only one text MVN 8 201 mentions its title sagi.

¹⁰⁸⁶ Ha-ab-ru-ša: SA 35:15 (AS 5 vi 12); OIP 121 97:21 (AS 5 ix 22); TCL 2 5504:obv ii 14 (AS 5 x 9).

¹⁰⁸⁷ Ha-ab-ru-še-er: OIP 121 110:3' (AS X X 22).

¹⁰⁸⁸ Ha-an-za-ab-tum: South Dakota 58:obv v 21 (AS 5 xii 20); Ontario 1 72:7 (AS 6 ii 19).

¹⁰⁸⁹ Ha-ši-pa₂/ba-tal: AUCT 1 93:2 (AS 5 iv 10); PDT 1 167:2 (AS 5 iv 24); OIP 121 88:2 (AS 5 v 6); PDT 1 166:8 (AS 5 v 25); Nisaba 8 382:6 (AS 5 v 27). For this PN, see Astour 1987: 40.

¹⁰⁹⁰ Hu-ba-a: PDT 2 958:obv ii 41 (AS 2 i X); Iraq 41 125 3:7 (AS 2 iv 18); BIN 3 48:2 (AS 2 iv 25); Fs Levine 115-119:obv iv 34' (AS 2 xi 12); JCS 23 113 23:15 (AS 5 i 23); MVN 1 127:5 (AS 5 i 29); YOS 18 10:17 (AS 5 v 26); TCL 2 5504:obv i 5 (AS 5 x 9).

¹⁰⁹¹ Hu-la-al: BIN 3 605:2 (AS 5 xi 23). The name is attested in the Drehem texts frequently as the concluding ĝir₃-function with the title dub-sar. But one text AUCT 3 324 mentions the name with the title šar₂-ra-ab-du. It is unclear if the title is also used in the person under discussion.

¹⁰⁹² Hu-un-ha-ab-ur: PDT 2 958:obv iii 17 (AS 2 i X). The name is frequently attested in the Drehem texts as the mu-DU-official, almost without title, except for texts: Trouvaille 86 (Hu-un-ha-ab-ur šagina) and SET 10 (Hu-un-ha-ab-bur nu-banda₃).

¹⁰⁹³ Hu-un-hu-ub-še: Fs Levine 115-119:obv i 18' (AS 2 xi 3). It is not clear if the name is identical with Hu-un-ha-ab-ur.

¹⁰⁹⁴ Hu-un-^dŠul-gi: OIP 121 96:5 (AS 5 viii 22); TCL 2 5504:obv ii 1 (AS 5 x 9); YOS 15 158:obv ii 13 (AS X X 5); PDT 2 915:5 (AS X X 7); YOS 15 158:rev ii 17 (AS X X 26). It is probably that this person is identified as the man from Mari.

¹⁰⁹⁵ I-bi₂-^dIštaran: SAT 2 774:9 (AS 4 ix 25); BIN 3 533:4 (AS 5 i 26); BIN 3 311:1 (AS 7 ix 24).

¹⁰⁹⁶ Ib-ni-^dIŠKUR: AUCT 1 93:11 (AS 5 iv 10); Nisaba 8 382:3 (AS 5 v 27); Nik 2 476:27 (AS 5 ix 29); TCL 2 5504:rev i 10 (AS 5 x 9). For this PN, see Hilgert 2002: 418.

¹⁰⁹⁷ Ib-ni-DIĜIR: BPOA 7 2471:4 (AS X X 29). For this PN, see Hilgert 2002: 418.

¹⁰⁹⁸ Id-da-a: SumRecDreh 14:5 (AS 2 iv 23); Fs Levine 115-119:obv i 42' (AS 2 xi 5); Fs Levine 115-119:obv iv 38' (AS 2 xi 12); PDT 2 1231:2 (AS 3 x 13); YOS 15 172:7 (AS 4 ix 27); PDT 2 1256:2 (AS 4 ixm 19); SAT 2 799:3 (AS 4 xi 1); PDT 1 9:6 (AS 5 iii 10); BIN 3 537:6 (AS 5 iii 29); ArOr 25 562 24:3 (AS 5 iv 5); ASJ 12 41 10:1 (AS 5 iv 30); SA 35:18 (AS 5 vi 12); MVN 13 458:7 (AS 5 x 8); South Dakota 58:obv iii 35 (AS 5 xii 12); OIP 121 101:3 (AS 5 xii 23). It is unclear if the name is identical with Ad-da-a.

¹⁰⁹⁹ I-di₃-a: OIP 121 95:6 (AS 5 viii 14).

goats)¹¹⁰², Iddin-Suen (6 sheep, 1 goat)¹¹⁰³, Iddin-Suen son of Beli-arik (1 goat)¹¹⁰⁴, Iddin-Suen son of Hun-habur (1 sheep)¹¹⁰⁵, Igari (4 sheep)¹¹⁰⁶, Igi-annakezu (7 sheep, 1 goat, 5 gazelles)¹¹⁰⁷, Igi-Enlilše (1 sheep)¹¹⁰⁸, Igi-halum (11 sheep)¹¹⁰⁹, Igi-rumah (1 sheep)¹¹¹⁰, Igmulum (1 sheep)¹¹¹¹, Ikšutum (4 sheep, 1 goat)¹¹¹², Ilallum (15 sheep, 6 goats, 7 gazelles)¹¹¹³, Ili-dan (2 oxen, 11 sheep)¹¹¹⁴, Iliš-tikal (1 goat)¹¹¹⁵, Ili-turi (1 sheep)¹¹¹⁶, Ilum-bani (2 sheep, 1 goat)¹¹¹⁷, Ilum-le'i (6 oxen, 82 sheep, 21 goats, 10 equids, 7 bear)¹¹¹⁸, wife of Ilum-le'i son of En-ili (2 oxen, 17 sheep, 13 goats)¹¹¹⁹, Ilum-Malik (2 sheep)¹¹²⁰, Ilšu-rabi (5 sheep)¹¹²¹, Imid-ilum (1 x)¹¹²², Immer (1 sheep)¹¹²³, Inim-Inana (1 sheep)¹¹²⁴, Inim-Nanna (2 sheep, 1 goat)¹¹²⁵, Intaea (1 x)¹¹²⁶, Iphuha son of Bušam (5

¹¹⁰⁰ I-din-^dIŠKUR [x]: MVN 13 472:9 (AS 8 x 5). I-din-^dIŠKUR [x]-a: MVN 13 458:12 (AS 5 x 8). It is unclear for the title of the name. For this PN, see Hilgert 2002: 299.

¹¹⁰¹ I-din/di₃-^dDa-gan: CST 305:9 (AS 5 ii 28); OIP 121 83:15 (AS 5 iii 26); CDLJ 2007/1 3.17:5 (AS 5 ix 17); TCL 2 5504:obv ii 5 (AS 5 x 9); Nik 2 459:6 (AS 5 xi 9); AUCT 2 241:4 (AS 6 v 13); JAOS 33 172 5:6 (AS 8 ix 12).

¹¹⁰² I-di₃/din-E₂-a: Fs Levine 115-119:rev i 12 (AS 2 xi 18); JANES 9 21 3:10 = StLouis 111:10 (AS 5 ii 17); KM 89225:22 (AS 5 viii 13). This person was definitely identified as the brother of the queen Abisimti, see Michalowski 2005: 65-76.

¹¹⁰³ I-din-^dEN.ZU: Fs Levine 115-119:obv ii 29 (AS 2 xi 8); PDT 1 167:12 (AS 5 iv 24); CST 328:12 (AS 5 viii 15); TCND 69:4 (AS 5 ix16); TCL 2 5504:obv ii 7 (AS 5 x 9); BIN 3 295:2 (AS 6 iii 5?); BIN 3 185:2 (AS 8 viii 5). For this PN, see Hilgert 2002: 297. Id-ni-in-^dEN.ZU: NYPL 295:5 (AS 5 ii 18); BIN 3 466:3 = YOS 15 158:obv i 2 (AS 6 iii 1). It is unclear whether this name is identical with the name I-din-^dEN.ZU. For this PN, see Hilgert 2002: 272.

¹¹⁰⁴ Id-ni-in-^dEN.ZU dumu Be-li₂-a-ri₂-ik: BIN 3 537:2 (AS 5 iii 29).

¹¹⁰⁵ I-din-^dEN.ZU dumu Hu-un-ha-ab-ur: Fs Levine 115-119:obv iii 39 (AS 2 xi 11).

¹¹⁰⁶ I-ga-ri: South Dakota 58:obv iii 32 (AS 5 xii 12).

¹¹⁰⁷ Igi-an-na-ke₄-zu: Fs Levine 115-119:obv ii 25 (AS 2 xi 8); Fs Levine 115-119:obv vi 17' (AS 2 xi 14); PDT 1 14:2 (AS 5 i 21); CST 304:5 (AS 5 ii 23); OIP 121 92:5 (AS 5 vii 11); BPOA 6 880:6 (AS 7 xii 15); BPOA 6 861:5 (AS X i 19); YOS 15 158:obv iii 19 (AS X X 10); YOS 15 158:rev ii 29 (AS X X 26).

¹¹⁰⁸ Igi-^dEn-lil₂-še₃: BCT 1 48:9 (AS 7 viii 8).

¹¹⁰⁹ I-gi₄-ha-lum: KM 89152:1 (AS 7 xii 17). Igi-ha-lum: AuOr Suppl.11 24:2 (AS 5 iv 8).

¹¹¹⁰ I-gi₄-ru-mah: PDT 2 972:6 = South Dakota 58:obv ii 21 (AS 5 xii 8).

¹¹¹¹ I-g-mu-lum: MVN 13 454:12 (AS 5 vii 15); South Dakota 58:rev ii 2 (AS 5 xii 26). For this PN, see Hilgert 2002: 189.

¹¹¹² Ik-šu-dum: Fs Levine 115-119:rev ii 2 (AS 2 xi 21); SAT 2 774:14 (AS 4 ix 25); TCL 2 5504:obv ii 17 (AS 5 x 9); YOS 15 158:obv ii 6 (AS X X 4); BPOA 7 2471:6 (AS X X 29). For this name, see Lambert 1976-1980, Stol 1991: 203, and Hilgert 2002: 189.

¹¹¹³ I₃-lal₃-lum: PDT 1 571:4 (AS – xii 27); OIP 121 83:2 (AS 5 iii 26); OIP 121 86:10 (AS 5 iv 26); TCND 65:11 (AS 5 v 20); MVN 13 848:17 (AS 5 vi 17); MVN 13 425:10 (AS 5 vii 25); KM 89225:1 (AS 5 viii 13); OIP 121 97:22 (AS 5 ix 22); Nik 2 476:29 (AS 5 ix 29); TCL 2 5504:obv i 4 (AS 5 x 9); PDT 1 5:2 (AS 5 x 11); Nik 2 459:5 (AS 5 xi 9); South Dakota 58:obv ii 9 (AS 5 xii 7); South Dakota 58:rev i 18 (AS 5 xii 22); MVN 13 463:6 (AS 6 vii 12); OIP 121 105:4 (AS 8 i 8); Nisaba 8 380:1 (AS 8 vii 12); YOS 15 158:rev ii 13 (AS X X 26). I₃-la-lum: Fs Levine 115-119:rev ii 12 (AS 2 xi 22).

¹¹¹⁴ I₃-li₂-dan: Fs Levine 115-119:obv iii 24 (AS 2 xi 10); PDT 2 1261:9 (AS 7 iii 21). It is unclear if this person is identical with a homonymous one with the title maš-en-kak (OIP 121 100:5), or with the person from Mari (Owen 1992:126). For this PN, see Hilgert 2002: 286.

¹¹¹⁵ I-li-iš-ti-kal: Fs Levine 115-119:obv iii 2 (AS 2 xi 9). For this PN, see Hilgert 2002: 203.

¹¹¹⁶ I₃-li₂-tu-ri: Orient 16 49 36:2 (AS 9 i 22). For this PN, see Hilgert 2002: 383 (I₃-li₂-tu-ra-am).

¹¹¹⁷ DIĜIR-ba-ni: Fs Levine 115-119:obv v 33' (AS 2 xi 14); Fs Levine 115-119:rev i 28 (AS 2 xi X); CDLJ 2012/1 4.21:4 (AS 5 x 3).

¹¹¹⁸ DIĜIR-le-i₃: KM 89262:32 (AS 5 ii 2); SET 10:10 (AS 5 ix 11); TCL 2 5504:rev i 12 (AS 5 x 9). DIĜIR^{lum}-le-i₃: CST 332:4 (AS 5 ix 8).

¹¹¹⁹ dam DIĜIR-le-i₃ dumu En-i₃-li₂: PDT 2 1285:3 (AS 4 xii 20).

¹¹²⁰ DIĜIR-^dMa-lik: PDT 2 972:7 = South Dakota 58:obv ii 23 (AS 5 xii 8). For this PN, see Hilgert 2002: 206 (DIĜIR-ma-li₂-ik).

¹¹²¹ DIĜIR-su/su₂-ra-bi₂: MVN 13 662:8 (AS 5 i 10); AuOr Suppl.11 24:10 (AS 5 iv 8); PDT 1 43:2 (AS 5 v 22); HS 2310:4 (AS 5 vi 14); NYPL 29:4 = South Dakota 58:rev i 34 (AS 5 xii 25). For this PN, see Hilgert 2002: 431.

¹¹²² I-mi-id-DIĜIR: ASJ 9 266 68:8 (AS 2 ii 29).

¹¹²³ Im-me-er: CDLJ 2012/1 4.21:6 (AS 5 x 3).

¹¹²⁴ Inim-^dInana <[x]>: JCS 23 113 23:1,4 (AS 5 i 23).

¹¹²⁵ Inim-^dNanna: CTNMC 10:8 (AS 5 v 9); Erm 14669:3 (AS 5 vii 26); TCL 2 5504:rev ii 6 (AS 5 x 9). It is unclear whether the person is the member of the royal household.

deer)¹¹²⁷, Ipiq-nani (1 sheep)¹¹²⁸, Iqbi-ilum (4 sheep, 1 goat, x gazelle)¹¹²⁹, Irib-ilšu (2 goats)¹¹³⁰, Iribum (5 oxen, 40 sheep, 10 goats)¹¹³¹, Isarik (1 sheep)¹¹³², Išdu-kin (2 oxen, 21 sheep, 4 goats)¹¹³³, Išme-ilum (1 goat)¹¹³⁴, Išar-libur (1 sheep)¹¹³⁵, Išar-padan (3 sheep)¹¹³⁶, Iti (1 sheep)¹¹³⁷, Itur-ili (1 goat)¹¹³⁸, Iṭib-šinat (2 sheep)¹¹³⁹, Izanum (1 sheep)¹¹⁴⁰, Izua (1 sheep)¹¹⁴¹

K: Kalamu (1 sheep)¹¹⁴², Kiaḡ (1 sheep)¹¹⁴³, Kinamuša (3 sheep)¹¹⁴⁴, Kiššer (1 goat)¹¹⁴⁵, Kubabae (1 sheep)¹¹⁴⁶, Kubatum (4 sheep)¹¹⁴⁷, Ku-Ningal (8 sheep)¹¹⁴⁸, Kun-simatum daughter-in-law of Bušam (4 sheep, 16 goats, 5 deer, 7 bears)¹¹⁴⁹, Kurub-Erra (1 goat)¹¹⁵⁰, Kur-ḡiriniše (2 sheep, 1 goat)¹¹⁵¹, Ku'u (3 sheep, 23 gazelles)¹¹⁵²

L: Lala'a (3 sheep, 1 goat)¹¹⁵³, Lama-isa (2 sheep)¹¹⁵⁴, Laqipum (1 goat)¹¹⁵⁵, Lu-Asarluhi (1 sheep)¹¹⁵⁶, Lu-

¹¹²⁶ In-ta-e₃-a: PDT 2 958:obv i 40 (AS 2 i 3).

¹¹²⁷ Ip-hu-ha dumu Bu-ša-am: SA 35:7 (AS 5 vi 12).

¹¹²⁸ I-pi₄-iq-na-ni: Fs Levine 115-119:obv i 43' (AS 2 xi 5).

¹¹²⁹ Iq-bi₂-DIĠIR: Ontario 1 69:6 (AS 3 ix 4); TCND 61:3 (AS 5 iii 4); SA 35:17 (AS 5 vi 12); TCL 2 5504:rev i 3 (AS 5 x 9); BIN 3 466:4 = YOS 15 158:obv i 3 (AS 6 iii 1); PDT 2 1237:7 (AS 7 xi 14). For this name, see Hilgert 2002: 419.

¹¹³⁰ Ir-ib₂-DIĠIR-šu: Fs Levine 115-119:obv v 21' (AS 2 xi 14). For a variant of this name Ir₃-ib₂-il-šu, see Hilgert 2002: 368.

¹¹³¹ I-ri-ib-um: Fs Levine 115-119:obv iv 10' (AS 2 xi 12). I-ri-ib: KM 89262:29 (AS 5 ii 2); OIP 121 100:7 (AS 5 xi 11). I-ri-bu-um: AUCT 1 93:9 (AS 5 iv 10); PDT 1 8:4 (AS 5 vii 5). For this PN, see Hilgert 2002: 367.

¹¹³² I-sa₃-ri₂-ik: TCL 2 5504:rev ii 7 (AS 5 x 9). For this PN, see Hilgert 2002: 244.

¹¹³³ Iš-du-ki-in: PDT 2 958:obv iii 22 (AS 2 i X). For this name, see Hilgert 2002: 392.

¹¹³⁴ Iš-me-DIĠIR: YOS 15 158:obv ii 8 (AS X X 4). For this name, see Hilgert 2002: 262.

¹¹³⁵ I-šar-li-bur: PDT 1 561:10 (AS 9 vi 6). For this PN, see Hilgert 2002: 325 and 358.

¹¹³⁶ I-šar-pa₂-dan: SAT 2 799:1 (AS 4 xi 1); JCS 23 113 23:11 (AS 5 i 23); PDT 2 972:13 = South Dakota 58:obv ii 29 (AS 5 xii 8). For this PN, see Hilgert 2002: 326.

¹¹³⁷ I-ti: PDT 1 561:16 (AS 9 vi 6).

¹¹³⁸ I-tur₂-i₃-li₂: Fs Levine 115-119:rev i 27 (AS 2 xi X). For this PN, see Hilgert 2002: 370.

¹¹³⁹ I-ti-ib-ši₂-na-at: SAT 2 774:10 (AS 4 ix 25); AUCT 1 93:5 (AS 5 iv 10). I-tib-ši₂-na-at: Nisaba 8 37:obv ii 19 (AS 4 ixm 6).

¹¹⁴⁰ I-za-nu-um: Fs Levine 115-119:obv iv 44' (AS 2 xi 13).

¹¹⁴¹ I-zu-a: Fs Levine 115-119:obv iii 7 (AS 2 xi 9).

¹¹⁴² Kal-la-mu: ASJ 9 266 68:2 (AS 2 ii 29).

¹¹⁴³ Ki-aḡ₂: YOS 15 158:rev ii 26 (AS X X 26).

¹¹⁴⁴ Ki-na-mu-še/ša: OIP 121 100:6 (AS 5 xi 11); ASJ 19 201 6:4 (AS 6 ix 15); Princeton 2 102:3 (AS 7 v 20).

¹¹⁴⁵ Kiš-ir: Fs Levine 115-119:obv i 29' (AS 2 xi 4).

¹¹⁴⁶ Ku-ba-ba-e: TCL 2 5504:obv ii 16 (AS 5 x 9). The name may be read as Ku-ba-ba.

¹¹⁴⁷ Ku-ba-tum: BCT 1 48:6 (AS 7 viii 8). It is most likely that the person is identical with the dry-nurse of ME-Išaran.

¹¹⁴⁸ Ku₃-^dNin-gal: BIN 3 54:2 (AS 2 xi 1); Hirose 189:3 (AS 5 iii 3); BIN 3 122:6 (AS 5 v 15); TCND 65:2 (AS 5 v 20); MVN 13 848:3 (AS 5 vi 17); TCND 69:6 (AS 5 ix 16); South Dakota 58:rev i 29 (AS 5 xii 24).

¹¹⁴⁹ Ku-un-si-ma-tum e₂-gi₄-a Bu-ša-am: SA 35:12 (AS 5 vi 12). For the name Ku-un-si-ma-tum, see Hilgert 2002: 203.

¹¹⁵⁰ Ku-ru-ub-Er₁₁/Er₃-ra: RA 76 14:10 (AS 5 iii 19). For this name, see Hilgert 2002: 196.

¹¹⁵¹ Kur-ḡiri₃-ni-(i₃)-še₃: Fs Levine 115-119:obv iii 6 (AS 2 xi 9); TCL 2 5504:rev ii 8 (AS 5 x 9); South Dakota 58:obv iv 23 (AS 5 xii 15).

¹¹⁵² Ku-u₃: PDT 2 958:obv ii 10 (AS 2 i 4); OLP 8 8 3:5 (AS 2 v 18); Fs Levine 115-119:rev ii 7 (AS 2 xi 22); Princeton 2 414:5 (AS 3 xii 26); Nisaba 8 37:obv ii 17 (AS 4 ixm 6); PDT 1 14:3 (AS 5 i 21); CST 305:1 (AS 5 ii 28).

¹¹⁵³ La-la-a: PDT 1 118:1 (AS 5 v 30); PDT 1 124:4 (AS 5 vii 21); DoCu 256:9 (AS 5 viii 30); BIN 3 311:2 (AS 7 ix 24).

¹¹⁵⁴ ^dLama-i₃-sa₆: PDT 2 1266:3 (AS 3 xii 19).

¹¹⁵⁵ La-q₃-ip: CDLJ 2012/1 4.21:1 (AS 5 x 3). It is unclear if this person is identical with a homonymous one with the title maš-en-kak (OIP 121 89:6), or with the person of Mari (SAT 2 1081:6 "La-q₃-pu-um lu₂ Ma-ri₂^{ki₃}" or Princeton 1 73:4 "La-q₃-ip lu₂ Ma-ri₂^{ki₃}").

¹¹⁵⁶ Lu₂-^dAsar-lu₂-hi: PDT 2 958:obv i 11 (AS 2 i 1).

Ašnan (1 sheep)¹¹⁵⁷, Lu-balasaga (7 sheep, 1 goat)¹¹⁵⁸, Lu-DUB.SI-bani (1 sheep)¹¹⁵⁹, Lu-diğira (9 sheep, 1 goat, x x)¹¹⁶⁰, Lu-diğira son of Arad-hula (1 goat)¹¹⁶¹, Lu-diğira son of Inim-Šara (2 sheep)¹¹⁶², Lu-Ebgal (1 sheep)¹¹⁶³, Lu-Enlila (1 sheep)¹¹⁶⁴, Lu-kala (1 sheep)¹¹⁶⁵, Lulu-bani (1 sheep)¹¹⁶⁶, Lu-muškin (2 sheep)¹¹⁶⁷, Lu-Nanna (15 sheep, 3 goats, 4 gazelles, 1 x)¹¹⁶⁸, Lu-Nanna son of Ur-niğar (1 gazelle)¹¹⁶⁹, Lu-Ninğirsu (3 sheep)¹¹⁷⁰, Lu-Ninšubur (2 oxen, 25+ sheep, 2 goats)¹¹⁷¹, Lu-saga (5 sheep)¹¹⁷², Lu-Šara (1 goat)¹¹⁷³, Lu-UR/MA (1 sheep)¹¹⁷⁴, Lugal-azida (9 sheep, 1 goat, 1 gazelle, x x)¹¹⁷⁵, Lugal-anne (1 sheep)¹¹⁷⁶, Lugal-dubsar (1 sheep, 1 goat)¹¹⁷⁷, Lugal-KAgina (1 goat)¹¹⁷⁸, Lugal-kuzu (2 sheep, 3 x)¹¹⁷⁹, Lugal-magure (2 oxen, 36 sheep, 3 goats, x x)¹¹⁸⁰, Lugal-melam (1 sheep)¹¹⁸¹, Lugal-nirğal (3 sheep)¹¹⁸², Lugal-urrani (1 sheep)¹¹⁸³

M: Malili (2 sheep)¹¹⁸⁴, Mana'a (1 sheep)¹¹⁸⁵, Marhuni (2 sheep)¹¹⁸⁶, Masasa (2 oxen, 30 goats)¹¹⁸⁷, wife of

¹¹⁵⁷ Lu₂-^dAšnan: Nik 2 476:18 (AS 5 ix 29).

¹¹⁵⁸ Lu₂-bala-sa₆-ga: Fs Levine 115-119:rev iii 1 (AS 2 xi 30); PDT 2 1273:5 (AS 4 i 11); CST 328:14 (AS 5 viii 15); MVN 11 140:25 (AS 5 ix 9); TCL 2 5504:rev i 19 (AS 5 x 9).

¹¹⁵⁹ Lu₂-DUB.SI-ba-ni: ArOr 25 560 17:7 (AS 7 x 17).

¹¹⁶⁰ Lu₂-diğir-ra: Fs Levine 115-119:rev iii 9 (AS 2 xi 30); Rochester 40:8 (AS 3 i 21); SAT 2 774:13 (AS 4 ix 25); SAT 2 774:15 (AS 4 ix 25); Nisaba 8 37:obv ii 18 (AS 4 ix m 6); CST 332:6 (AS 5 ix 8); South Dakota 58:rev ii 31 (AS 5 xii 27); BIN 3 466:9 = YOS 15 158:obv i 9 (AS 6 iii 1); ArOr 25 560 17:8 (AS 7 x 17); MVN 13 472:12 (AS 8 x 5); YOS 15 158:obv iii 2 (AS X X 7). It is difficult to identify this person.

¹¹⁶¹ Lu₂-diğir-ra dumu Arad₂-hul₂-la: Princeton 2 434:2-3 (AS 2 ix 17).

¹¹⁶² Lu₂-diğir-ra dumu Inim-^dŠara₂: BIN 3 538:14 (AS 5 i 8); MVN 1 127:2 (AS 5 i 29).

¹¹⁶³ Lu₂-Eb-gal: MVN 13 472:11 (AS 8 x 5).

¹¹⁶⁴ Lu₂-^dEn-lil₂-la₂: SAT 2 774:16 (AS 4 ix 25).

¹¹⁶⁵ Lu₂-kal-la: Fs Levine 115-119:rev iii 2 (AS 2 xi 30).

¹¹⁶⁶ Lu-lu-ba-ni: Fs Levine 115-119:obv iv 45 (AS 2 xi 13).

¹¹⁶⁷ Lu₂-mu-uš-ki-in: Ontario 1 70:8 (AS 7 iv 5).

¹¹⁶⁸ Lu₂-^dNanna: PDT 2 958:obv i 39 (AS 2 i 3); Fs Levine 115-119:obv ii 8 (AS 2 xi 5); PDT 2 1285:9 (AS 4 xii 20); MVN 13 662:6 (AS 5 i 10); PDT 1 14:4 (AS 5 i 21); AUCT 1 93:7 (AS 5 iv 10); YOS 18 10:21 (AS 5 v 26); MVN 11 140:27 (AS 5 ix 9); JEOL 33 114 2:10 (AS 5 ix 14); ArOr 25 558 6:12 (AS 5 ix 23); Nik 2 476:1 (AS 5 ix 29); TCL 2 5504:obv i 18 (AS 5 x 9); NYPL 29:8 = South Dakota 58:rev i 36 (AS 5 xii 25); OIP 121 105:6 (AS 8 i 8); Nisaba 8 380:4 (AS 8 vii 12); PDT 1 554:3 (AS 8 ix 26).

¹¹⁶⁹ Lu₂-^dNanna dumu Ur-ni₉-ğar: Princeton 2 414:3 (AS 3 xii 26).

¹¹⁷⁰ Lu₂-^dNin-ğir-su: MVN 13 848:4 (AS 5 vi 17); Nik 2 476:10 (AS 5 ix 29); OIP 121 102:6 = South Dakota 58:rev iii 6 (AS 5 xii 28).

¹¹⁷¹ Lu₂-^dNin-šubur: PDT 2 958:obv iii 44 (AS 2 i X); Fs Levine 115-119:obv ii 7 (AS 2 xi 5); CDLJ 2008/2 15:1 (AS 5 i 14); JANES 9 21 3:8 = StLouis 111:8 (AS 5 ii 17); MVN 13 454:10 (AS 5 vii 15); Nik 2 476:25 (AS 5 ix 29).

¹¹⁷² Lu₂-sa₆-ga: TRU 123:6 (AS 5 iv 13); PDT 1 118:3 (AS 5 v 30); OIP 121 110:5' (AS X X 22).

¹¹⁷³ Lu₂-^dŠara₂: PDT 2 958:obv i 12 (AS 2 i 1).

¹¹⁷⁴ Lu₂-^dUR/MA: Akkadica 78 11:9 (AS 3 vi 20). The reading of this name is not clear.

¹¹⁷⁵ Lugal-a₂-zi-da: Fs Levine 115-119:rev i 21 (AS 2 xi 18); Rochester 40:6 (AS 3 i 21); CST 304:12 (AS 5 ii 23); South Dakota 58:obv i 1 (AS 5 xii 1); TRU 121:2 = South Dakota 58:obv v 30 (AS 5 xii 21); BIN 3 466:8 = YOS 15 158:obv i 8 (AS 6 iii 1); BIN 3 139:16 (AS 7 viii 13); YOS 15 158:obv iv 9 (AS X X 13); OIP 121 110:7' (AS X X 22).

¹¹⁷⁶ Lugal-an-ne₂: Princeton 2 414:1 (AS 3 xii 26, Lu₂-an-ne₂); TCND 61:2 (AS 5 iii 4). Note that in the text Princeton 2 414, this name was incorrectly transliterated as Lu₂-an-ne₂.

¹¹⁷⁷ Lugal-dub-sar: OIP 121 75:6 (AS 2 iii 17); BPOA 6 880:3 (AS 7 xii 15).

¹¹⁷⁸ Lugal-KA-gi-na: BIN 3 538:9 (AS 5 i 8).

¹¹⁷⁹ Lugal-ku₃-zu: OIP 121 86:5 (AS 5 iv 26); JAOS 33 172 5:10 (AS 8 ix 12); YOS 15 158:obv iv 5 (AS X X 12).

¹¹⁸⁰ Lugal-ma₂-gur₈-re: PDT 2 958:obv ii 46 (AS 2 i X); BIN 3 48:6 (AS 2 iv 25); Fs Levine 115-119:obv iii 32 (AS 2 xi 10); Fs Levine 115-119:rev ii 1 (AS 2 xi 21); Fs Levine 115-119:rev ii 17 (AS 2 xi 23); AUCT 1 940:16 (AS 4 vi 26); YOS 18 10:14 (AS 5 v 26); CST 328:10 (AS 5 viii 15); TCL 2 5504:obv i 2 (AS 5 x 9); ArOr 25 560 17:3 (AS 7 x 17); JAOS 33 172 5:17 (AS 8 ix 12).

¹¹⁸¹ Lugal-me-lam₂: MVN 11 140:28 (AS 5 ix 9).

¹¹⁸² Lugal-nir-ğal₂: MVN 4 116:3 (AS 5 viii 25); YOS 15 158:rev ii 25 (AS X X 26).

¹¹⁸³ Lugal-ur₂-ra-ni: TCND 61:1 (AS 5 iii 4). For this PN, see Andersson 2012: 162 and 189.

¹¹⁸⁴ Ma₂-li-li: Fs Levine 115-119:obv iii 1 (AS 2 xi 9); SAT 2 774:17 (AS 4 ix 25).

¹¹⁸⁵ Ma-na-a: Fs Levine 115-119:obv iv 42' (AS 2 xi 13).

Maš-sasa sagi (1 ox, 11 goats)¹¹⁸⁸, Mat-ili mother of Inim-zuharakal (x ox, 4 sheep, 2+ goats)¹¹⁸⁹, Murti-gaba (1 sheep)¹¹⁹⁰

N: Nabi-Enlil (3 sheep)¹¹⁹¹, Nabi-Suen (1 sheep)¹¹⁹², Nahezi son of Ibdāt (4 oxen)¹¹⁹³, Nahšum-bala (5 sheep)¹¹⁹⁴, Namhani (1 sheep)¹¹⁹⁵, Nanip-atal (1 sheep, 1 goat)¹¹⁹⁶, Nanna-isa (6 oxen, 1 sheep, 1 goat)¹¹⁹⁷, Nanna-isa son of Namhani (2 gazelles)¹¹⁹⁸, Nanna-kiag̃ (1 sheep)¹¹⁹⁹, Nanna-ludu (5 sheep, 1 x)¹²⁰⁰, Nanna-ma(n)ba (2 sheep)¹²⁰¹, Nanna-maštum (1 goat)¹²⁰², Nannazi (1 sheep, 1 goat)¹²⁰³, Naram-Ea (6 sheep, 2 goats)¹²⁰⁴, Naram-ili (2 oxen, 20 sheep, 5 goats)¹²⁰⁵, wife of Naram-ili (1 sheep)¹²⁰⁶, Neni-nea (1 sheep)¹²⁰⁷, Nezanum (1 sheep)¹²⁰⁸, Niĝ-gudu (1 goat)¹²⁰⁹, Niĝ-Mama (1 sheep)¹²¹⁰, Niĝar-kidu (1 sheep, 1 goat)¹²¹¹, Ninmu (1 sheep)¹²¹², Ninegal-igidu (1sheep)¹²¹³, Nin-emaṅ (2 sheep)¹²¹⁴, Nin-galdu (1 sheep)¹²¹⁵, NIN.LIL-tum-imdi (1+ sheep)¹²¹⁶, Niridaĝal (14 sheep, 19 wild sheep, 6 goats, 93 wild goat, 2 hybrid of goats, 5 gazelles)¹²¹⁷, Nisaba-andul (6

¹¹⁸⁶ Ma-ar-hu-ni: Hirose 189:1 (AS 5 iii 3); DoCu 256:10 (AS 5 viii 30).

¹¹⁸⁷ Ma₂-sa₆-sa₆: JEOL 33 114 2:3 (AS 5 ix 14).

¹¹⁸⁸ dam Maš-sa₆-sa₆ sagi: PDT 1 561:13 (AS 9 vi 6). Note that the name is only attested in the text, and probably it is an miswriting of the name Ma₂-sa₆-sa₆.

¹¹⁸⁹ Ma-at-i₃-li₂ ama Inim-zu-ha-ra-kal: JANES 9 21 3:13 = StLouis 111:13 (AS 5 ii 17).

¹¹⁹⁰ Mu-ur₂-ti₂-gaba: JCS 23 113 23:12 (AS 5 i 23).

¹¹⁹¹ Na-bi₂-^dEn-lil₂: Akkadica 78 11:15 (AS 3 vi 20); NYPL 198:2 (AS 5 iii 7); TCL 2 5504:obv ii 20 (AS 5 x 9). This name is attested in Drehem texts frequently as the mu-DU official. This person is probably not identical with the member of the royal household, but with the son of En-i₃-li₂ the general, see the seal impression of the text MVN 3 294.

¹¹⁹² Na-bi₂-^dEN.ZU: YOS 15 158:obv ii 9 (AS X X 4). Other references to this PN are the texts, TRU 313 (Na-bi₂-^dEN.ZU maš₂-šu-gid₂-gid₂), Nisaba 8 19 (Na-bi₂-^dEN.ZU nu-banda₃ Kak-gu-la-tum^{kl}), and Babyloniaca 7 75 3 (Na-bi₂-^dEN.ZU <nu-banda₃>).

¹¹⁹³ Na-he₂-zi dumu Ib-da-at: MVN 11 140:13 (AS 5 ix 9). The name Ib-da-at might be identical with Ib-da-ti (see 3.1.2.1.3 Ibatī) who was the governor of Gubla, for which also see Owen 1992: 122.

¹¹⁹⁴ Na-ah-šum-BALA: AUCT 1 93:6 (AS 5 iv 10); AS 5 iv 10 (AS 5 viii 15); TCL 2 5504:obv ii 6 (AS 5 x 9); MVN 15 192:2 = South Dakota 58:rev iii 14 (AS 5 xii 29); BIN 3 139:14 (AS 7 viii 13).

¹¹⁹⁵ Nam-ha-ni: YOS 4 62:12 (AS 6 i 5).

¹¹⁹⁶ Na-ni-pa₂-tal: BIN 3 466:2 = YOS 15 158:obv i 1 (AS 6 iii 1); PDT 1 554:2 (AS 8 ix 26).

¹¹⁹⁷ ^dNanna-i₃-sa₆: MVN 11 140:3 (AS 5 ix 9).

¹¹⁹⁸ ^dNanna-i₃-sa₆ dumu Nam-ha-ni: BIN 3 533:11 (AS 5 i 26).

¹¹⁹⁹ ^dNanna-ki-aĝ₂: TCL 2 5504:rev i 15 (AS 5 x 9).

¹²⁰⁰ ^dNanna-lu₂-du₁₀: ASJ 9 266 68:7 (AS 2 ii 29); TCL 2 5504:rev i 5 (AS 5 x 9); YOS 4 62:10 (AS 6 i 5).

¹²⁰¹ ^dNanna-ma-an-ba: MVN 1 127:6 (AS 5 i 29); RA 76 14:9 (AS 5 iii 19).

¹²⁰² ^dNanna-maš-tum: CST 323:8 (AS 5 vi 30).

¹²⁰³ ^dNanna-zi: Nisaba 8 37:obv ii 20 (AS 4 ixm 6); TCL 2 5504:rev ii 12 (AS 5 x 9).

¹²⁰⁴ Na-ra-am-E₂-a: Fs Levine 115-119:rev ii 4 (AS 2 xi 21); CST 304:7 (AS 5 ii 23); South Dakota 58:obv iv 5 (AS 5 xii 13); JAOS 33 172 5:7 (AS 8 ix 12).

¹²⁰⁵ Na-ra-am-i₃-li₂: PDT 2 958:obv ii 27 (AS 2 i X).

¹²⁰⁶ dam Na-ra-am-i₃-li₂: OIP 121 103:9 (AS 6 ix 28).

¹²⁰⁷ Ne-ni-ne-a: PDT 2 958:obv i 13 (AS 2 i 1).

¹²⁰⁸ Ne-za-nu-um: NYPL 198:8 (AS 5 iii 7).

¹²⁰⁹ Niĝ₂-gu-du: PDT 2 958:obv i 29 (AS 2 i 2).

¹²¹⁰ Niĝ₂-Ma-ma: PDT 1 141:2 (AS 5 v 5).

¹²¹¹ Ni₉-ĝar-ki-du₁₀: TCL 2 5504:rev ii 11 (AS 5 x 9); South Dakota 58:obv iv 34 (AS 5 xii 16).

¹²¹² Ni-in-mu: YOS 15 172:6 (AS 4 ix 27).

¹²¹³ ^dNin-e₂-gal-igi-du: Fs Levine 115-119:obv v 29' (AS 2 xi 14).

¹²¹⁴ ^dNin-e-ma-an-aĝ₂: Fs Levine 115-119:obv vi 36' (AS 2 xi 16).

¹²¹⁵ ^dNin-gal-du: Fs Levine 115-119:obv i 45' (AS 2 xi 5).

¹²¹⁶ ^dNIN.LIL₂-tum-im-di₃: AUCT 1 940:14 (AS 4 vi 26); Hirose 212:2 (AS 5 x 15). The reading of this name follows Hilgert 1998. For the additional discussion of the name, see Archi and Pomponio 1990: 51 (Ninliltum-imī).

¹²¹⁷ Nir-i₃-da-ĝal₂: Fs Levine 115-119:obv i 5' (AS 2 xi 2); Fs Levine 115-119:obv i 27' (AS 2 xi 4); Ontario 1 69:2 (AS 3 ix 4); Nisaba 8 37:obv ii 28 (AS 4 ix m 6); JCS 23 113 23:9 (AS 5 i 23); BIN 3 533:2 (AS 5 i 26); AuOr Suppl.11 24:5 (AS 5 iv 8); SA 35:21 (AS 5 vi 12); MVN 13 425:3 (AS 5 vii 25); MVN 4 116:4 (AS 5 viii 25); MVN 13 458:15 (AS 5 x 8); TCL 2 5504:obv i 9 (AS 5 x 9); BIN 3 605:7 (AS 5 xi 23); PDT 2 972:11 = South Dakota 58:obv ii 27 (AS 5 xii 8); PDT 2 1187:6 (AS 6 v 7); JAOS 33 172 5:19 (AS 8 ix 12); Orient 16 49 36:5 (AS

sheep, 20 goats)¹²¹⁸, Ni-ZA-NI-luzi (1 sheep)¹²¹⁹, Nuida (10 oxen, 131+ sheep, 1 goat)¹²²⁰, Nur-Dagan (14 sheep)¹²²¹, Nur-Eštar (2 goats)¹²²², Nur-ili [x]-inim-zi-da (1 x)¹²²³, Nur-Suen (1 goat)¹²²⁴, Nur-zu (1 sheep)¹²²⁵

P: PAD-damu (1 sheep)¹²²⁶, Pakinana (1 sheep)¹²²⁷, Palilum (1 sheep)¹²²⁸, Papan-šen (3 sheep, 1 gazelle)¹²²⁹, PI-Ea (1 sheep)¹²³⁰, Puhiliši son-in-low of Bušam (1 ox, 5 sheep, 5 goats)¹²³¹, Puzur-Adad (1 sheep)¹²³², Puzur-Erra (1 sheep)¹²³³, Puzur-Eštar (1 ox, 15 sheep, 1 gazelle)¹²³⁴, Puzur-Haia (1 ox, 10 sheep)¹²³⁵, Puzur-šu'uda (2 sheep, x x)¹²³⁶, Puzur-tutu (3 sheep)¹²³⁷

R: Riba'a (7 sheep)¹²³⁸, Rim-Kakka (1 sheep)¹²³⁹, Rušdam son of Bakti Šimaškian (121 sheep, 79 goats)¹²⁴⁰

S: Saġ-Nanna (11 sheep)¹²⁴¹, Saġ-Nannazu (5 sheep)¹²⁴², SIA-a (1 goat)¹²⁴³

Š: Šeluš-Dagan (34 sheep, 82 goats, 1 wild goat)¹²⁴⁴, Šili-Adad (1 sheep)¹²⁴⁵, Šili-Šulgi (2 sheep)¹²⁴⁶

Š: Šabi (3 sheep)¹²⁴⁷, Šaganakum (52 sheep, 23 deer, 19 gazelles)¹²⁴⁸, Šalha'a (1 goat)¹²⁴⁹, Šalim-beli (1 ox,

9 i 22).

¹²¹⁸ ^dNisaba-AN.DUL₃: OLP 8 8 3:8 (AS 2 v 18); BIN 3 53:2 (AS 2 v 23).

¹²¹⁹ Ni-ZA-NI-lu₂-zi: South Dakota 58:obv iv 39 (AS 5 xii 17).

¹²²⁰ Nu-i₃-da: MVN 13 845:2 (AS 2 x 20); Fs Levine 115-119:obv i 8' (AS 2 xi 2); Fs Levine 115-119:obv iv 36' (AS 2 xi 12); Fs Levine 115-119:rev ii 9 (AS 2 xi 22); SAT 2 774:8 (AS 4 ix 25); Nisaba 8 37:obv ii 31 (AS 4 ix m 6); MVN 10 130:9 (AS 4 xi 3); BIN 3 532:5 (AS 5 i 20); TCND 63:6 (AS 5 v 3); MVN 13 454:5 (AS 5 vii 15); OIP 121 93:7 (AS 5 vii 16); MVN 4 116:6 (AS 5 viii 25); SET 10:17 (AS 5 ix 11); CDLJ 2007/1 3.17:8 (AS 5 ix 17); BIN 3 272:2 (AS 6 xi 25); JAOS 33 172 5:15 (AS 8 ix 12). For this name, see Hilgert 2002: 497.

¹²²¹ Nu-ur₂-^dDa-gan: CST 304:8 (AS 5 ii 23); JCS 23 113 25:4 (AS 5 vi 28); NYPL 272:6 (AS 5 viii 23); MVN 11 140:24 (AS 5 ix 9); TCL 2 5504:rev i 14 (AS 5 x 9); South Dakota 58:obv iii 27 (AS 5 xii 12).

¹²²² Nu-ur₂-Eš₁₈-tar₂: Nik 2 476:24 (AS 5 ix 29); South Dakota 58:rev ii 28 (AS 5 xii 27).

¹²²³ Nu-ur₂-i₃-li₂ [x]-inim-zi-da: YOS 4 62:7-8 (AS 6 i 5).

¹²²⁴ Nu-ur₂-^dEN.ZU: Fs Levine 115-119:rev i 1 (AS 2 xi 17).

¹²²⁵ Nu-ur₂-zu: Tavolette 326:13 (AS 5 v 25).

¹²²⁶ PAD₃-da-mu: Ontario 1 68:2 (AS 2 xii 23).

¹²²⁷ Pa₄-ki-na-na: Fs Levine 115-119:obv iii 18 (AS 2 xi 9).

¹²²⁸ Pa₂-li-lum: OIP 121 100:15 (AS 5 xi 11). For this PN, see Hilgert 2002: 279.

¹²²⁹ Pa₂-pa₂-an-še-en: BIN 3 538:17 (AS 5 i 8); OIP 121 82:9 (AS 5 iii 20); TCL 2 5504:obv i 8 (AS 5 x 9); YOS 15 158:obv iii 32 (AS X X 12).

¹²³⁰ PI-e-a: RA 76 14:5 (AS 5 iii 19).

¹²³¹ Pu-hi-li₂-ši₂ mi₂-us₂-sa₂ Bu-ša-am: SA 35:14 (AS 5 vi 12).

¹²³² PU₃-ŠA-^dIŠKUR: Fs Levine 115-119:obv v 31' (AS 2 xi 14).

¹²³³ PU₃-ŠA-Er₃-ra: KM 89225:24 (AS 5 viii 13).

¹²³⁴ PU₃-ŠA-Eš₁₈-tar₂: PDT 2 958:obv ii 4 (AS 2 i 4); Erm 14670:4 (AS 5 iii 18); PDT 1 141:4 (AS 5 v 5); SA 35:16 (AS 5 vi 12); TCL 2 5504:rev i 21 (AS 5 x 9); YOS 4 62:5 (AS 6 i 5).

¹²³⁵ PU₃-ŠA-^dHa-ia₃: Fs Levine 115-119:obv v 12' (AS 2 xi 14).

¹²³⁶ PU₃-ŠA-šu-u₂-da: Nisaba 8 37:obv i 27 (AS 4 viii 23); TCL 2 5504:rev i 11 (AS 5 x 9); KM 89152:6 (AS 7 xii 17).

¹²³⁷ PU₃-ŠA-tu-tu: Ontario 1 70:6 (AS 7 iv 5).

¹²³⁸ Ri₂-ba-a: Nik 2 476:28 (AS 5 ix 29); NYPL 5:13 (AS 5 x 6).

¹²³⁹ Ri-im-ga-ga: PDT 2 1247:2 (AS 8 ix 27).

¹²⁴⁰ Ru-uš-dam dumu Ba-ak-ti LU₂.SU: MVN 11 140:11 (AS 5 ix 9). This person is probably from Šimaški.

¹²⁴¹ Saġ-^dNanna: YOS 15 172:10 (AS 4 ix 27).

¹²⁴² Saġ-^dNanna-zu: JCS 35 208 7:3 (AS 2 iii 10); Fs Levine 115-119:obv ii 24 (AS 2 xi 8); YOS 18 10:22 (AS 5 v 26); TCL 2 5504:obv ii 10 (AS 5 x 9); OIP 121 110:11' (AS X X 22). It is unclear if the name is identical with Saġ-^dNanna.

¹²⁴³ SIA-a: YOS 15 172:8 (AS 4 ix 27).

¹²⁴⁴ Še-lu-uš-^dDa-gan: Princeton 2 96:3 (AS 1 ix 11); Iraq 41 125 3:2 (AS 2 iv 18); OIP 121 76:5 (AS 2 iv 27); MVN 13 845:4 (AS 2 x 20); Fs Levine 115-119:obv i 6' (AS 2 xi 2); Fs Levine 115-119:obv i 28' (AS 2 xi 4); Fs Levine 115-119:obv ii 4 (AS 2 xi 5); Nisaba 8 37:obv ii 5 (AS 4 viii 29); Nisaba 8 37:obv ii 26 (AS 4 ix m 6); MVN 11 156:4 (AS 5 iii 11); MVN 8 193:3 (AS 5 ix 14); TCND 69:2 (AS 5 ix 16); CDLJ 2007/1 3.17:3 (AS 5 ix 17); ArOr 25 558 6:10 (AS 5 ix 23); TCL 2 5504:obv i 7, rev i 1 (AS 5 x 9); South Dakota 58:rev ii 27 (AS 5 xii 27).

¹²⁴⁵ Ši-li-^dIŠKUR: TCL 2 5504:obv ii 19, rev ii 15 (AS 5 x 9).

¹²⁴⁶ Ši/Še-li-^dŠul-gi: MVN 11 140:26 (AS 5 ix 9); CDLJ 2012/1 4.21:rev 4' (AS 5 x 3).

7 sheep, 3 goats)¹²⁵⁰, Šalim-kuna (1 ox, 11 sheep)¹²⁵¹, Šarrum-bani (3 oxen, 38 sheep, 7 goats, 1 equid, 45 deer, 2 gazelles)¹²⁵², Šarrum-ili (1 ox, 18 sheep, 2 goats)¹²⁵³, Šat-rat (2 sheep)¹²⁵⁴, Šelepsum (2 sheep, 3 goats)¹²⁵⁵, Šeš-Dada (2 sheep, 1 goat)¹²⁵⁶, Šeš-saga (78 sheep)¹²⁵⁷, Šeš-kala (14 sheep, 1 goat, 6 gazelles)¹²⁵⁸, Šeš-zimu (2 sheep)¹²⁵⁹, Šihalum (5 sheep)¹²⁶⁰, Šu-Adad (1 goat)¹²⁶¹, Šu-Dagan (1 sheep)¹²⁶², Šu-Enlil (1 sheep)¹²⁶³, Šu-Eštar (3 oxen, 36 sheep)¹²⁶⁴, Šu-Idim (1 sheep)¹²⁶⁵, Šu-kabta (2 sheep, 3 goats)¹²⁶⁶, Šu-Kakka (1 sheep)¹²⁶⁷, Šu-Mama (4 sheep, 1 goat)¹²⁶⁸, wife of Šu-Ninšubur the courier (1 gazelle)¹²⁶⁹, Šu-salla (1 goat)¹²⁷⁰, Šu-Suen (13 sheep, 3 goats, 1 deer, 27 bears)¹²⁷¹, Šu-Šulgi (1 sheep)¹²⁷², Šu-Utu (1 sheep)¹²⁷³, Šu-Zababa (1 sheep)¹²⁷⁴, mother of

¹²⁴⁷ Ša₃-bi: Akkadica 78 11:20 (AS 3 vi 20); AUCT 1 93:12 (AS 5 iv 10); TCND 65:3 (AS 5 v 20). For this PN, see Liu (a).

¹²⁴⁸ Ša₃-ga/ka₃-na-kum: SAT 2 774:11 (AS 4 ix 25); YOS 15 172:3 (AS 4 ix 27); MVN 13 461:5 (AS 5 i 17); MVN 11 152:4 (AS 5 iv 19); OIP 121 86:11 (AS 5 iv 26); PDT 1 166:19 (AS 5 v 25); YOS 18 10:24 (AS 5 v 26); TCL 2 5504:obv ii 3 (AS 5 x 9); CTNMC 11:5 (AS 5 x 18); South Dakota 58:obv iii 40 (AS 5 xii 13); SAT 2 996:14 (AS 6 iii 27).

¹²⁴⁹ Ša-al-ha-a: PDT 1 561:8 (AS 9 vi 6).

¹²⁵⁰ Ša-lim-be-li₂: Fs Levine 115-119:obv v 19' (AS 2 xi 14). For this name, see Hilgert 2002: 216.

¹²⁵¹ Ša-lim-ku-na: Fs Levine 115-119:obv ii 14 (AS 2 xi 6); Fs Levine 115-119:obv v 7' (AS 2 xi 14). For this name, see Hilgert 2002: 215.

¹²⁵² Šar-ru-um-ba-ni: PDT 2 958:obv i 33 (AS 2 i 2); PDT 2 958:obv iii 13 (AS 2 i X); Fs Levine 115-119:obv vi 21' (AS 2 xi 14); Fs Levine 115-119:obv vi 30' (AS 2 xi 15); Princeton 2 414:8 (AS 3 xii 26); OIP 121 80:2' (AS 4 ix 29); BIN 3 537:8 (AS 5 iii 29); AUCT 1 93:8 (AS 5 iv 10); OIP 121 86:6 (AS 5 iv 26); PDT 1 19:5 (AS 5 v 21); OIP 121 90:4 (AS 5 vi 15); UCP 9-2-2 56:4 (AS 5 vii 2); TCL 2 5504:obv i 10 (AS 5 x 9); OIP 121 103:6 (AS 6 ix 28).

¹²⁵³ Šar-ru-um-i₃-li₂: Fs Levine 115-119:obv v 15' (AS 2 xi 14); Fs Levine 115-119:obv vi 47' (AS 2 xi 17); MVN 13 454:1 (AS 5 vii 15); Nik 2 476:5 (AS 5 ix 29); South Dakota 58:obv iv 33 (AS 5 xii 16); South Dakota 58:rev ii 25 (AS 5 xii 27); Ontario 1 70:3 (AS 7 iv 5). Note that a homonymous name is identified as the governor of Uruk and son of Šulgi, see Paoletti 2012: 320 and Michalowski 2013: 299.

¹²⁵⁴ Ša-at-ra-at: Fs Levine 115-119:obv ii 6 (AS 2 xi 5).

¹²⁵⁵ Še-le-pu-um: Fs Levine 115-119:rev ii 25 (AS 2 xi 26); NYPL 222:1 (AS 4 viii 24); Nisaba 8 37:obv ii 27 (AS 4 ixm 6); CDLJ 2012/1 4.21:rev 1' (AS 5 x 3); TCL 2 5504:rev i 22 (AS 5 x 9).

¹²⁵⁶ Šeš-Da-da: Ontario 1 69:11 (AS 3 ix 4); PDT 1 137:5 (AS 5 ix 4); OIP 121 97:16 (AS 5 ix 22).

¹²⁵⁷ Šeš-sa₆-ga: Fs Levine 115-119:obv iv 29' (AS 2 xi 12); Fs Levine 115-119:rev i 18 (AS 2 xi 18); TCL 2 5504:rev i 20 (AS 5 x 9); Ontario 1 71:4 (AS 5 xi 21); South Dakota 58:obv iv 17 (AS 5 xii 14); OIP 121 102:4 = South Dakota 58:rev iii 4 (AS 5 xii 28); PDT 1 554:5 (AS 8 ix 26).

¹²⁵⁸ Šeš-kal-la: PDT 2 958:obv i 21 (AS 2 i 1); Iraq 41 125 3:6 (AS 2 iv 18); Fs Levine 115-119:obv v 32' (AS 2 xi 14); Fs Levine 115-119:rev ii 18 (AS 2 xi 23); Akkadica 78 11:13 (AS 3 vi 20); YOS 18 10:12 (AS 5 v 26); OIP 121 90:3 (AS 5 vi 15); PDT 1 124:3 (AS 5 vii 21); MVN 13 425:7 (AS 5 vii 25); NYPL 5:14 (AS 5 x 6); TCL 2 5504:obv i 13 (AS 5 x 9); JAOS 33 172 5:3 (AS 8 ix 12); YOS 15 158:obv 12 (AS X X 2); YOS 15 158:rev ii 14 (AS X X 26). Šeš-kal-la [x]-da: PDT 2 1266:11 (AS 3 xii 19).

¹²⁵⁹ Šeš-zi-mu: Fs Levine 115-119:obv ii 9 (AS 2 xi 5); Nik 2 476:20 (AS 5 ix 29).

¹²⁶⁰ Ši-ha-lum: MVN 15 350:28 (AS 5 ix 24). For this PN Šihalum (or Igi-ha-lum, Nik 2 484) which might be the same as the Amorite PN Šu^aalum, see Owen 1988: 115.

¹²⁶¹ Šu-^dIŠKUR: Fs Levine 115-119:rev i 29 (AS 2 xi X).

¹²⁶² Šu-^dDa-gan: Fs Levine 115-119:obv i 24' (AS 2 xi 3).

¹²⁶³ Šu-^dEn-lil₂: RA 76 14:4 (AS 5 iii 19). For the homonymous person who was identified as the son of Šulgi and the governor of Uruk, see Michalowski 2013: 299-300. But it is impossible to identify the person in this case.

¹²⁶⁴ Šu-Eš₁₈-tar₂: YOS 15 172:11 (AS 4 ix 27); PDT 1 124:1 (AS 5 vii 21); OrSP 18 pl.6 20:13 (AS 5 viii 12); OIP 121 96:6 (AS 5 viii 22); TCL 2 5504:obv ii 13 (AS 5 x 9); YOS 4 62:4 (AS 6 i 5); UDT 131:2 (AS 6 iii 4).

¹²⁶⁵ Šu-^dIdim: CDLJ 2012/1 4.21:rev 7' (AS 5 x 3). For the individual Šu-Idim identified as Šu-kabta, see Wu 2008.

¹²⁶⁶ Šu-kab-ta₂: OIP 121 80:3' (AS 4 ix 29); Nisaba 8 37:obv ii 22 (AS 4 ix m 6, Šu-Da-da); YOS 18 10:2 (AS 5 v 26, Šu-Da-da); NYPL 29:6 = South Dakota 58:rev i 35 (AS 5 xii 25); YOS 15 158:rev ii 20 (AS X X 26, Šu-Da-da). For this person identified as the husband of the princess Simat-Ištaran/ME-Ištaran, see Owen and Mayr 2007, Wu 2008 and Michalowski 2013: 297. Also, for the reading of Šu-Da-da as Šu-kabta, see Steinkeller 1985b: 196.

¹²⁶⁷ Šu-Ka₃-ka₃: AAICAB 1/2 pl.155 1971-395:17 (AS 5 iii 25).

¹²⁶⁸ Šu-Ma-ma: PDT 1 571:1 (AS - xii 27). Šu-Ma-ma [...]: SAT 2 996:11 (AS 6 iii 27).

¹²⁶⁹ dam Šu-^dNin-šubur sukkal: MVN 13 845:3 (AS 2 x 20).

¹²⁷⁰ Šu-sal-la: OIP 121 96:10 (AS 5 viii 22).

¹²⁷¹ Šu-^dEN.ZU: Fs Levine 115-119:obv iii 15 (AS 2 xi 9); Fs Levine 115-119:obv vi 40' (AS 2 xi 16); Fs Levine

Šulgi-a'aĝu (2 sheep, 1 goat)¹²⁷⁵, Šulgi-abi (2 sheep)¹²⁷⁶, Šulgi-bani (1 sheep)¹²⁷⁷, Šulgi-dan (1 sheep)¹²⁷⁸, Šulgi-ili (4 sheep)¹²⁷⁹, Šulgi-ili son of Zariq (4 sheep)¹²⁸⁰, Šulgi-iriĝu (1 sheep)¹²⁸¹, Šulgi-mišar (1 sheep, 2 goats)¹²⁸², Šulgi-nada (1 ox, 12 sheep, 1 goat, 4 gazelles)¹²⁸³, Šulgi-nuri daughter of Išar-ramaš (1 sheep)¹²⁸⁴, Šulgi-zimu (1 sheep)¹²⁸⁵, Šubulum (1 sheep)¹²⁸⁶, Šulanum (1 sheep)¹²⁸⁷, Šuranum (1 sheep)¹²⁸⁸, Šurimku (1 sheep)¹²⁸⁹, Šuruš-kin/SUHUŠ-kin (8 oxen, 92 sheep, 19 goats, 44 equids, 1 gazelle)¹²⁹⁰

T: Tah(i)š-atal (1 goat)¹²⁹¹, Tahī-šen (2 oxen, 10 sheep)¹²⁹², Tehku-isri (1 sheep, 2 goats)¹²⁹³, Tete (1 sheep)¹²⁹⁴, Tišan-dahi (1 sheep)¹²⁹⁵, Tudubidinu (1 sheep)¹²⁹⁶, Tudari (1 goat)¹²⁹⁷, Turam-ili (1 ox, 10 sheep)¹²⁹⁸,

U: Uba'a (2 sheep)¹²⁹⁹, Udamu (2 sheep)¹³⁰⁰, Ula-iniš (1 sheep)¹³⁰¹, Uli-beluk (2 sheep)¹³⁰², Ur-Adad (2 sheep, 1 goat)¹³⁰³, Ur-Asarluhi (7 sheep)¹³⁰⁴, Ur-Ašgi (1 goat)¹³⁰⁵, Ur-Bau (5 sheep)¹³⁰⁶, Ur-eanna (5 sheep, 1

115-119:rev i 23 (AS 2 xi 18); Fs Levine 115-119:rev ii 3 (AS 2 xi 21); Fs Levine 115-119:rev ii 8 (AS 2 xi 22); Fs Levine 115-119:rev ii 16 (AS 2 xi 23); Fs Levine 115-119:rev ii 24 (AS 2 xi 26); Fs Levine 115-119:rev iii 7 (AS 2 xi 30); YOS 15 172:13 (AS 4 ix 27); OIP 121 96:9 (AS 5 viii 22); MVN 11 140:29 (AS 5 ix 9); Nik 2 476:31 (AS 5 ix 29); NYPL 5:9 (AS 5 x 6); TCL 2 5504:obv i 11 (AS 5 x 9); TCND 70:2 (AS 5 x 19); Nik 2 459:13 (AS 5 xi 9); Hirose 214:4 (AS 5 xi 28). For this name without title, see Michalowski 2013: 298-299.

¹²⁷² dŠu-dŠul-gi: Fs Levine 115-119:obv i 44' (AS 2 xi 5).

¹²⁷³ Šu-dUtu: Fs Levine 115-119:obv ii 15 (AS 2 xi 6).

¹²⁷⁴ Šu-dZa-ba₄-ba₄: PDT 1 561:6 (AS 9 vi 6). For the DN dZa-ba₄-ba₄, see Such-Gutiérrez 2003: 107.

¹²⁷⁵ dŠul-gi-a-a-ĝu₁₀: PDT 2 1237:9 (AS 7 xi 14); JAOS 33 172 5:2 (AS 8 ix 12); PDT 1 561:19 (AS 9 vi 6).

¹²⁷⁶ dŠul-gi-a-bi: YOS 15 158:rev ii 16 (AS X X 26). It is unclear if the person is identical with the Amorite man from Mari.

¹²⁷⁷ dŠul-gi-ba-ni: OIP 121 102:7 = South Dakota 58:rev iii 7 (AS 5 xii 28). For this name, see Hilgert 2002: 428.

¹²⁷⁸ dŠul-gi-dan: TCND 65:7 (AS 5 v 20). For this name, see Hilgert 2002: 286.

¹²⁷⁹ dŠul-gi-i₃-li₂: Nik 2 476:23 (AS 5 ix 29); JAOS 33 172 5:4 (AS 8 ix 12). It is unclear if the person is identical with the Amorite man from Mari.

¹²⁸⁰ dŠul-gi-i₃-li₂ dumu Za-ri₂-iq: CTNMC 11:2 (AS 5 x 18).

¹²⁸¹ dŠul-gi-iri-ĝu₁₀: OIP 121 94:2 (AS 5 vii 17).

¹²⁸² dŠul-gi-mi-šar: CST 305:4 (AS 5 ii 28).

¹²⁸³ dŠul-gi-na-da: PDT 2 1285:6 (AS 4 xii 20); PDT 1 118:4 (AS 5 v 30); South Dakota 58:obv ii 5 (AS 5 xii 7); BIN 3 272:4 (AS 6 xi 25); KM 89152:5 (AS 7 xii 17). For this name, see Hilgert 2002: 496.

¹²⁸⁴ dŠul-gi-nu-ri dumu-munus I-šar-ra-maš: Nisaba 8 380:3 (AS 8 vii 12).

¹²⁸⁵ dŠul-gi-zi-mu: Akkadica 78 11:8 (AS 3 vi 20).

¹²⁸⁶ Šu-bu-lu-lum: PDT 1 561:11 (AS 9 vi 6).

¹²⁸⁷ ama Šu-la-num₂: OIP 121 89:7 (AS 5 v 7).

¹²⁸⁸ Šu-ra-nu-um: Fs Levine 115-119:obv iv 43' (AS 2 xi 13).

¹²⁸⁹ Šu-ri-im-ku: CDLJ 2012/1 4.21:5 (AS 5 x 3).

¹²⁹⁰ Šu-ru-uš-ki-in/SUHUŠ-ki-in: PDT 2 958:obv iii 31 (AS 2 i X); Fs Levine 115-119:obv ii 27 (AS 2 xi 8); Fs Levine 115-119:obv iv 32' (AS 2 xi 12); Rochester 40:2 (AS 3 i 21); SAT 2 774:12 (AS 4 ix 25); OIP 121 80:4' (AS 4 ix 29); MVN 11 156:6 (AS 5 iii 11); ASJ 12 41 10:2 (AS 5 iv 30); UCP 9-2-2 35:3 (AS 5 vii 23); CST 328:11 (AS 5 viii 15); SET 10:3 (AS 5 ix 11); OIP 121 100:11 (AS 5 xi 11); TCL 2 5504:rev i 6, rev i 13 (AS 5 x 9); Ontario 1 72:5 (AS 6 ii 19); YOS 15 158:obv ii 4 (AS X X 4); YOS 15 158:rev ii 28 (AS X X 26). For the name Šu-ru-uš-ki-in identical with SUHUŠ-ki-in, and the individual with the name identified as the son of Ur-niĝar, also namely the grandson of the king Šulgi, see Weiershäuser 2008: 41.

¹²⁹¹ Ta₂-ah-ša-a-tal: Nisaba 8 382:8 (AS 5 v 27).

¹²⁹² Ta₂-hi-(i)š-še-en: Fs Levine 115-119:obv v 17' (AS 2 xi 14); OIP 121 92:1 (AS 5 vii 11).

¹²⁹³ Te-eh-ku-is-ri: CST 305:7 (AS 5 ii 28).

¹²⁹⁴ Te-te: MVN 10 130:4 (AS 4 xi 3).

¹²⁹⁵ Ti-ša-an-da-hi: AuOr Suppl.11 24:8 (AS 5 iv 8).

¹²⁹⁶ Tu-du-bi-di-nu: TCND 67:7 (AS 5 vii 4).

¹²⁹⁷ Tu-da-ri: CDLJ 2012/1 4.21:8 (AS 5 x 3).

¹²⁹⁸ Tu-ra-am-i₃-li₂: Nik 2 459:4 (AS 5 xi 9). For Turam-ili and his archive, see most recently Garfinkle 2012.

¹²⁹⁹ U₁₈-ba-a: AuOr Suppl.11 24:9 (AS 5 iv 8); TCL 2 5504:obv i 16 (AS 5 x 9).

¹³⁰⁰ U₂-da-mu: PDT 2 1273:12 (AS 4 i 11).

¹³⁰¹ U₂-la-i₃-ni-iš: YOS 15 158:obv iii 3 (AS X X 7). For this name, see Hilgert 2002: 236.

¹³⁰² U-li-be-lu/li₂-uk: Fs Levine 115-119:obv iv 33' (AS 2 xi 12); Fs Levine 115-119:rev ii 19 (AS 2 xi 23).

¹³⁰³ Ur-dIŠKUR: CST 328:13 (AS 5 viii 15); CST 332:8 (AS 5 ix 8); TCL 2 5504:rev i 4 (AS 5 x 9).

¹³⁰⁴ Ur-dAsar-lu₂-hi: PDT 1 571:5 (AS - xii 27); Princeton 1 45:4 (AS 4 xii 7); MVN 13 662:2 (AS 5 i 10); Fs

goat, 8 gazelles, 1 x)¹³⁰⁷, Ur-emuš (3 sheep, 2 goats)¹³⁰⁸, Ur-Engaldudu (5 sheep, 19 gazelles)¹³⁰⁹, Ur-Enlil (1 sheep, 6 goats, 3 gazelles)¹³¹⁰, wife of Ur-Enlil (1 goat, 1 gazelle)¹³¹¹, Ur-ġar (1 goat)¹³¹², Ur-HI (1 sheep)¹³¹³, Ur-Ištaran (10 sheep, 2 bears)¹³¹⁴, Ur-kununa (1 sheep)¹³¹⁵, Ur-Lugalbanda (8 sheep)¹³¹⁶, Ur-mes (30 sheep, 7 gazelles)¹³¹⁷, mother of Ur-mes (1 goat)¹³¹⁸, Urmu (1 sheep)¹³¹⁹, Ur-Nanna (1 sheep)¹³²⁰, Ur-NI (1 sheep)¹³²¹, Ur-niġar (4 oxen, 47 sheep, 2 goats, 1 gazelle)¹³²², Ur-niġar brother of Ilallum (1 ox, 1 sheep, 10 goats)¹³²³, Ur-Ninazu (1 sheep)¹³²⁴, Ur-Ningal (2 sheep, 2 goats)¹³²⁵, Ur-Ninsun (2 sheep, 1 goat)¹³²⁶, Urra-ilum (3 sheep)¹³²⁷, Ur-sasaga (1 sheep)¹³²⁸, Ur-Suen (5 sheep, 1 goat)¹³²⁹, wife of Ur-Suen governor of Urum (2 sheep)¹³³⁰, Ur-

Lipinski 215 Kerr 1:38 (AS 5 vi 27); OIP 121 102:11 = South Dakota 58:rev iii 11 (AS 5 xii 28).

¹³⁰⁵ Ur-^dAš-šir₅-gi₄: PDT 2 1207:2 (AS 3 i 10). For the DN ^dAš-šir₅-gi₄, see Such-Gutiérrez 2003: 321 “^dAšgi(AŠ.ŠIR.GL₄)”.

¹³⁰⁶ Ur-^dBa-u₂: Nik 2 476:11 (AS 5 ix 29); CDLJ 2012/1 4.21:rev 8’ (AS 5 x 3); South Dakota 58:rev ii 13 (AS 5 xii 26).

¹³⁰⁷ Ur-e₂-an-na: PDT 2 958:obv i 4 (AS 2 i 1); BIN 3 532:8 (AS 5 i 20); JCS 23 113 23:14 (AS 5 i 23); KM 89262:33 (AS 5 ii 2); Hirose 189:4 (AS 5 iii 3); MVN 13 454:2 (AS 5 vii 15); Nik 2 476:3 (AS 5 ix 29); YOS 15 158:obv i 15 (AS X X 2); YOS 15 158:rev ii 24 (AS X X 26).

¹³⁰⁸ Ur-e₂-muš: MVN 13 848:10 (AS 5 vi 17).

¹³⁰⁹ Ur-^dEn-gal-DU.DU: PDT 2 1285:11 (AS 4 xii 20); PDT 1 14:5 (AS 5 i 21); PDT 1 167:13 (AS 5 iv 24); MVN 11 140:23 (AS 5 ix 9); TCL 2 5504:obv ii 8 (AS 5 x 9); PDT 2 1237:6 (AS 7 xi 14); Orient 16 49 36:1 (AS 9 i 22). For the DN ^dEn-gal-DU.DU, see Such-Gutiérrez 2003: 349-350.

¹³¹⁰ Ur-^dEn-lil₂-la₂: PDT 2 958:obv i 17 (AS 2 i 1); PDT 2 1273:10 (AS 4 i 11); AUCT 1 940:15 (AS 4 vi 26); Princeton 1 45:7 (AS 4 xii 7); OIP 121 81:3 (AS 5 iii 5); ArOr 25 562 24:8 (AS 5 iv 5); PDT 1 167:3 (AS 5 iv 24); Rochester 54:2 (AS 5 v 11); HS 2310:2 (AS 5 vi 14); NYPL 327:2 (AS 7 vi 22).

¹³¹¹ dam Ur-^dEn-lil₂-la₂: PDT 2 958:obv i 35 (AS 2 i 2); TCND 67:9 (AS 5 vii 4).

¹³¹² Ur-ġar: South Dakota 58:obv iv 3 (AS 5 xii 13).

¹³¹³ Ur-HI <[x]>: JCS 23 113 23:2,4 (AS 5 i 23).

¹³¹⁴ Ur-^dIštaran: Fs Levine 115-119:obv i 7’ (AS 2 xi 2); OIP 121 88:4 (AS 5 v 6); Nik 2 476:30 (AS 5 ix 29); BIN 3 605:3 (AS 5 xi 23); South Dakota 58:rev ii 14 (AS 5 xii 26); BIN 3 139:15 (AS 7 viii 13); JAOS 33 172 5:13 (AS 8 ix 12); Erm 14852:5 (AS 8 x 8); YOS 15 158:obv iv 19 (AS X X 14).

¹³¹⁵ Ur-ku₃-nun-na: TCL 2 5504:rev ii 3 (AS 5 x 9).

¹³¹⁶ Ur-^dLugal-banda₃^{da}: PDT 2 958:obv i 10 (AS 2 i 1); Princeton 1 45:2 (AS 4 xii 7).

¹³¹⁷ Ur-mes: Fs Levine 115-119:obv ii 28 (AS 2 xi 8); Fs Levine 115-119:obv ii 40 (AS 2 xi 9); Fs Levine 115-119:obv iii 26 (AS 2 xi 10); Fs Levine 115-119:obv v 28’ (AS 2 xi 14); Fs Levine 115-119:rev i 24 (AS 2 xi 18); Fs Levine 115-119:rev iii 6 (AS 2 xi 30); Rochester 40:5 (AS 3 i 21); JEOL 33 114 2:11 (AS 5 ix 14); PDT 1 571:3 (AS – xii 27).

¹³¹⁸ ama Ur-mes: MVN 13 848:13 (AS 5 vi 17).

¹³¹⁹ Ur-mu: Fs Levine 115-119:obv i 22’ (AS 2 xi 3).

¹³²⁰ Ur-^dNanna: Fs Levine 115-119:obv iii 16 (AS 2 xi 9).

¹³²¹ Ur-NI: OLP 8 8 3:3 (AS 2 v 18).

¹³²² Ur-ni₉-ġar: PDT 2 958:obv i 3 (AS 2 i 1); PDT 2 958:obv iii 39 (AS 2 i X); Fs Levine 115-119:obv iii 22 (AS 2 xi 10); Ontario 1 69:10 (AS 3 ix 4); Erm 14669:7 (AS 5 vii 26). Ur-ni₉/niġar_x: OrSP 47-49 71:1 (AS 2 v 24); Fs Levine 115-119:obv ii 12 (AS 2 xi 6); PDT 2 1207:1 (AS 3 i 10); Nisaba 8 37:obv ii 30 (AS 4 ix m 6); MVN 11 156 (AS 5 iii 11); NYPL 127:2 (AS 5 v 12); MVN 13 848:1 (AS 5 vi 17); TCL 2 5504:obv ii 15 (AS 5 x 9). Ur-ni₉-ġar <[x]>: JCS 23 113 23:3,4 (AS 5 i 23).

¹³²³ Ur-ni₉-ġar šeš I₃-lal₃-lum: OIP 121 95:4 (AS 5 viii 14).

¹³²⁴ Ur-^dNin-a-zu: PDT 2 958:obv i 19 (AS 2 i 1).

¹³²⁵ Ur-^dNin-gal: PDT 2 958:obv ii 12 (AS 2 i 4); PDT 2 1273:13 (AS 4 i 11); OIP 121 93:2 (AS 5 vii 16); Nik 2 476:19 (AS 5 ix 29).

¹³²⁶ Ur-^dNin-sun₂: CST 304:11 (AS 5 ii 23); TCL 2 5504:obv i 14 (AS 5 x 9); YOS 15 158:obv ii 31 (AS X X 7).

¹³²⁷ Ur₂-ra-DIĠIR: MVN 10 130:6 (AS 4 xi 3); Hirose 189:5 (AS 5 iii 3); OIP 121 81:1 (AS 5 iii 5).

¹³²⁸ Ur-sa₆-sa₆-ga: TCL 2 5504:rev ii 4 (AS 5 x 9).

¹³²⁹ Ur-^dEN.ZU: Fs Levine 115-119:obv ii 5 (AS 2 xi 5); Fs Levine 115-119:obv ii 17 (AS 2 xi 6); TRU 123:8 (AS 5 iv 13); NYPL 5:6 (AS 5 x 6); South Dakota 58:obv iii 36 (AS 5 xii 12); MVN 13 472:17 (AS 8 x 5). It is unclear if this person is identical with the governor of Urum or the prince. For Ur-Suen the prince, see Hilgert 2008 and Michalowski 2013: 306-307. Another possibility is Ur-Suen identical with King Amar-Suen, for which see Wu and Wang 2012.

¹³³⁰ dam Ur-^dEN.ZU ensi₂ Urum₂^{ki}: ASJ 9 266 68:4 (AS 2 ii 29). It is most likely that the wife of Ur-Suen the governor of Urum was also from Urum.

sukkal (3 sheep, 1 goat)¹³³¹, Ur-Šulgi (4 sheep)¹³³², Uta-mišaram (1 sheep)¹³³³, Utu-bani (2 sheep)¹³³⁴, Utu-ulgal (1 sheep, x x)¹³³⁵, U'umu (10 sheep)¹³³⁶

W: Watarum (6 sheep)¹³³⁷, Watrat (3 sheep)¹³³⁸

Z: Zabru-IN (1 gazelle)¹³³⁹, Zaguda (5 sheep)¹³⁴⁰, Zala'a (10 sheep)¹³⁴¹, Zalia (1 sheep)¹³⁴², Zariq (12 sheep)¹³⁴³, Zazi (5 sheep, 16 deer)¹³⁴⁴, Zikur-ili (10 oxen, 99 sheep, 2 goats)¹³⁴⁵, Zinana (2 oxen, 19 sheep, 2 goats)¹³⁴⁶, zabar-dab₅-officer (6 oxen, 41 sheep, 29 goats)¹³⁴⁷

2.2.3.2 Deliveries of animals from persons (ki PN-ta)

Apart from the administrative documents issued by Aba-saga recording the deliveries of animals following their deliverers (S, PN), there is also a type of administrative documents, in which not the individuals who delivered animals (S, PN) but those from whom animals were delivered (S, ki PN-ta), occurred. The primary formula used in these texts is S, ki PN-ta, mu-DU Ab-ba-sa₆-ga i₃-dab₅ “animals from PN, delivery, Aba-saga received”, occasionally with the additional components such as ġiri₃ PN “the ġiri₃-official” and bala PN “the bala-duty of PN”, etc. The individuals, from whom animals were delivered, are given below.

2.2.3.2.1 Aba-saga (as “deficit compensated”)

Three infrequently attested records state that Aba-saga received the deliveries of 41 animals from Aba-saga (that is, from himself) in AS 5 vi, which were characterized as the deficit compensated (la₂-ia₃ su-ga)¹³⁴⁸. It is a possibility that Aba-saga received animals from his former

¹³³¹ Ur-sukkal: BIN 3 53:3 (AS 2 v 23); Fs Levine 115-119:obv ii 16 (AS 2 xi 6); Fs Levine 115-119:rev i 22 (AS 2 xi 18).

¹³³² Ur-^dŠul-gi-(ra): Ontario 1 69:5 (AS 3 ix 4); JANES 9 21 3:14 = StLouis 111:14 (AS 5 ii 17); TCL 2 5504:rev i 8 (AS 5 x 9); YOS 15 158:obv iii 16 (AS X X 9).

¹³³³ U₂-ta₂-mi-šar-ra-am: OIP 121 82:6 (AS 5 iii 20).

¹³³⁴ ^dUTU-ba-ni: JAOS 33 172 5:8 (AS 8 ix 12); YOS 15 158:obv iii 33 (AS X X 12).

¹³³⁵ ^dUtu-ul₄-gal: BIN 3 54:1 (AS 2 xi 1); Ontario 1 69:8 (AS 3 ix 4).

¹³³⁶ U₂-u₂-mu/ġu₁₀: MVN 13 662:4 (AS 5 i 10); TCND 60:4 (AS 5 ii 26); OrSP 18 pl.6 20:8 (AS 5 viii 12); OIP 121 102:9 = South Dakota 58:rev iii 9 (AS 5 xii 28).

¹³³⁷ Wa-ta₂-ru-um: Fs Levine 115-119:rev i 13 (AS 2 xi 18); Nisaba 8 37:rev i 13 (AS 4 ixm 27); MVN 13 454:15 (AS 5 vii 15); CDLJ 2007/1 3.17:9 (AS 5 ix 17). It is most likely this name held the title saġġa.

¹³³⁸ Wa-at-ra-at: Fs Levine 115-119:obv iv 39' (AS 2 xi 12); Fs Levine 115-119:obv vi 37' (AS 2 xi 16). For the name, see Hilgert 2002: 335.

¹³³⁹ Za-ab-ru-IN: PDT 2 958:obv ii 7 (AS 2 i 4). This name is only attested in the text.

¹³⁴⁰ Za-gu-da: Nik 2 448:14 (AS 5 viii 28). This name is only attested in the text.

¹³⁴¹ Za-la-a: OIP 121 75:2 (AS 2 iii 17); Fs Levine 115-119:obv iii 36 (AS 2 xi 11); Fs Levine 115-119:rev i 20 (AS 2 xi 18); BIN 3 533:8 (AS 5 i 26); MVN 11 156:2 (AS 5 iii 11); OIP 121 87:2 (AS 5 v 2); Nik 2 476:26 (AS 5 ix 29); YOS 15 158:obv iii 24 (AS X X 11).

¹³⁴² Za-li₂-a: PDT 2 958:obv i 15 (AS 2 i 1).

¹³⁴³ Za-ri₂/ri-iq: Princeton 2 96:5 (AS 1 ix 11); Akkadica 78 11:19 (AS 3 vi 20); OIP 121 83:11 (AS 5 iii 26). This person without designation is probably identical with the governor of Susa and Assur (see Michalowski 2009).

¹³⁴⁴ Za-zi: PDT 1 145:2 (AS 5 i 15); TCND 63:2 (AS 5 v 3); YOS 18 10:23 (AS 5 v 26); PDT 1 124:2 (AS 5 vii 21); YOS 15 158:obv iii 22 (AS X X 11); YOS 15 158:rev ii 23 (AS X X 26).

¹³⁴⁵ Zi-kur-i₃-li₂: Fs Levine 115-119:obv v 5' (AS 2 xi 14); Fs Levine 115-119:obv vi 44' (AS 2 xi 17).

¹³⁴⁶ Zi₂-na-na: PDT 2 958:obv iii 26 (AS 2 i X); BIN 3 532:7 (AS 5 i 20).

¹³⁴⁷ zabar-dab₅: PDT 2 958:obv ii 34 (AS 2 i X); BIN 3 522:4 (AS 2 v 2); OLP 8 8 3:10 (AS 2 v 18); Akkadica 114-115 102 34:2 (AS 2 v 28).

¹³⁴⁸ ki Ab-ba-sa₆-ga-ta: AUCT 3 382 (AS 5 vi); TRU 124 (AS 5 vi 10); JCS 24 88 64. For the term la₂-ia₃ su-ga, see Dimenstein 2004.

institution in order to compensate the deficit.

2.2.3.2.2 Barbar the herder of pigs

Aba-saga received the deliveries of 12 equids from Barbar, the herder of pigs, in AS 2 viii¹³⁴⁹.

2.2.3.2.3 Ea-rabi governor of Karhar: (as bala-duty)

Aba-saga received the deliveries of three oxen and six equids from Ea-rabi, the governor of Karhar, via Erra-ursag in AS 4 ix 2¹³⁵⁰.

2.2.3.2.4 Gudea, the governor of Gudua: (as bala-duty)

Aba-saga received the deliveries of two oxen from Gudea, the governor of Gudua, in AS 2 viii 24¹³⁵¹.

2.2.3.2.5 Ilallum, the governor of Urusağrig: (from one bala to another bala)

Aba-saga received the deliveries of nine sheep from Ilallum, the governor of Urusağrig, on behalf of the bala-fund of the governor of Babylon in AS 8 xi 9. It is well known that the unnamed governor of Babylon mentioned in this case is certainly Şeteli/MURteli¹³⁵². Interestingly, the above-mentioned nine sheep were designated as the bala-duty from one governor (Urusağrig) to another (Babylon) through the transferor (Aba-saga).

2.2.3.2.6 Isu-arik, the temple perfect: (as bala-funds)

Aba-saga received the deliveries of one ox and one equid from Isu-arik, the temple perfect (for) the property of Lu-Inana in AS 2 vi¹³⁵³.

2.2.3.2.7 Lu-diğira-(Ah): (as deficit compensated)

In AS 5 xi 22, Aba-saga received the deliveries of 15 gazelles from Lu-diğira-Ah, (to) compensate the deficit via Sugali¹³⁵⁴.

2.2.3.2.8 Lugal-melam, the chief herdsman

Aba-saga received the deliveries of 22 sheep and 38 goats from Lugal-melam, the chief herdsman in AS 1 viii¹³⁵⁵.

2.2.3.2.9 Nuida

¹³⁴⁹ ki Bar-bar sipa šagan_x(AMA.GAN)-ta: TRU 120 (AS 2 viii). The name Bar-bar is also attested in additional texts from Drehem, for example, two texts, AnOr 7 1 (Š 30 vi) and SAT 2 58 (Š 32 i), mention the transfer of animals from Naram-ili to Bar-bar without designation; besides, one text, Nisaba 8 53 mentions the disbursement of animals from Lu-diğira the temple perfect to the person Bar-bar with the title unu₃ “cowherd” dated to SS 7. It is unclear if the three persons are same, and difficult to identify the person in this case.

¹³⁵⁰ ki E₂-a-ra-bi₂ ensi₂ Kar₂-har^{ki}-ta: Princeton 1 44 (AS 4 ix 2). This governor of Karahar is also attested in three more texts: JCS 17 21 YBC 13087, OIP 121 97, and SET 114. For Ea-rabi and Karahar, see Owen 1997: 379.

¹³⁵¹ ki Gu₃-de₂-a ensi₂ Gu₂-du₈-a-ta: JCS 52 36 17 (AS 2 viii 24).

¹³⁵² ki I₃-lal₃-lum ensi₂ Uru-sağ-rig^{ki}-ta: OIP 121 108 (AS 8 xi 9, mu bala ensi₂ Babilim^{ki}-še₃). For Şeteli or MURteli, see Röllig 1993-1996: 441. For the GN Urusağrig (or Irişağrig), see most recently Molina 2013, Owen 2013a and Owen 2013c.

¹³⁵³ ki I-su₂-a-ri₂-ik šabra-ta: PDT 1 364 (AS 2 vi, niğ₂-gur₁₁ Lu₂-^dInana). Note that one text TCL 2 5499 mentions I-su₂-a-ri₂-ik sağğa^dIštaran. For this PN, see Hilgert 2002: 244.

¹³⁵⁴ ki Lu₂-diğir-ra-ta: PDT 1 81 (AS 5 xi 22). To identify the PN Lu-diğira herein with the official particularly dealing with wild or exotic animals Lu-diğira son of Arad-hula is based on the sorts of animals and the date in the text.

¹³⁵⁵ ki Lugal-me-lam₂ kuš₇-ta: OIP 121 74 (AS 1 viii).

Aba-saga received the deliveries of 15 sheep from Nuida via Ibni-ilum the courier between AS 4 vi and vii¹³⁵⁶.

2.2.3.2.10 Šeluš-Dagan

Aba-saga received the deliveries of 17 sheep and 72 goats from Šeluš-Dagan in AS 5 and AS 6¹³⁵⁷.

2.2.3.2.11 Šulgi-iriĝu (for bala-duty and Šulgi)

Aba-saga received the deliveries of 173 sheep and 19 goats from Šulgi-iriĝu in AS 4. These animals were deducted for the regular offerings (sa₂-du₁₁ ku₅-ra₂) of the bala-duties of three governors: Nanna-zišaĝal of Girsu, Lišanum of Marda and an unnamed governor¹³⁵⁸. Moreover, Aba-saga received the deliveries of four sheep for Šulgi from Šulgi-iriĝu in AS 5¹³⁵⁹.

2.2.3.2.12 Šulgi-zimu

In AS 6 xi, Aba -saga received the deliveries of 15 goats from Šulgi-zimu (for) the persons of Urua via Hili-Abzu, the son of the royal messenger Lugal-en-utu (overseen by) Huba'a¹³⁶⁰.

2.2.3.2.13 Ur-Bau, the cook: (for banquet)

In AS 7 vi, Aba-saga received the deliveries of 30 sheep from Ur-Bau the cook for the royal banquet¹³⁶¹.

2.2.3.2.14 Ur-Igalim, the fattener of Abisimti: (delivery for Abisimti)

Aba-saga received the deliveries of 322 oxen, 1,258 sheep and 315 goats for Abisimti from her animal-fattener Ur-Igalim between AS 8 viii and x¹³⁶².

2.2.3.2.15 Ur-sasaga, the governor of Išim-Šulgi: (as bala-duty)

Aba-saga received the deliveries of 17 sheep and 99 goats from Ur-sasaga, the governor of Išim-Šulgi, via a (possibly) unnamed courier¹³⁶³.

2.2.3.2.16 Ur-Šulpae: (delivery for Šulgi)

Aba-saga received the deliveries of eight sheep and eight goats for Šulgi from Ur-Šulpae

¹³⁵⁶ ki Nu-i₃-da-ta: BIN 3 209 (AS 4 vi); MVN 13 447 (AS 4 vii).

¹³⁵⁷ ki Še-lu-uš-^dDa-gan-ta: BIN 3 110 (AS 5 i X); BIN 3 277 (AS 6 ii 26).

¹³⁵⁸ ki ^dŠul-gi-iri-ĝu₁₀-ta: PDT 1 211 (AS 4 ii 30, bala ^dNanna-zi-ša₃-ĝal₂ ensi₂ Ĝir₂-su^{ki}); AJSL 38 141 (AS 4 iv 29, bala Le-ša-num₂ ensi₂ Mar₂-da^{ki}); Syracuse 339 (AS 4 ix 30?, bala [...]-ŠE).

¹³⁵⁹ ki ^dŠul-gi-iri-ĝu₁₀-ta: YOS 18 11 (AS 5 v 30, mu-DU ^dŠul-gi-ra).

¹³⁶⁰ ki ^dŠul-gi-zi-mu-ta: PDT 1 234 (AS 6 xi X, lu₂ URUXA^{ki} (=Urua)). As for the relationship between the PN Šulgi-zimu and the GN Urua, see MVN 13 517 (Š 45 vi 30) which mentions 150 animals by troops of Urua and 62 animals by Šulgi-zimu, both as deliveries; TRU 126 (AS 8 ix 18) mentioning 6 animals by troops of Urua delivered with the overseer Šulgi-zimu; and TCL 2 5515 (SS 7 ix 14) mentioning ^dŠul-gi-zi-mu ensi₂ Urua^{ki} "Šulgi-zimu the governor of Urua" (note: TCL 2 5515 hand copy and CDLI transliterated as ^dŠul-gi-ad-mu ensi₂ Urua^{ki}, but I doubt it is a mis-copy of the sign AD for ZI). Another text mentioning Urua is SAT 2 914 (AS 6 ix 13) that 183 animals for Abisimti, delivery of troops of Urua, from Aba-saga were withdrawn.

¹³⁶¹ ki Ur-^dBa-u₂ muhaldim-ta: Erm 14875 (AS 7 vi, kaš-de₂-a lugal-še₃ ki-ba ĝa₂-ga₂-dam).

¹³⁶² ki Ur-^dIg-alim kurušda (nin)-ta: Nik 2 488 (AS 8 viii 18, mu-DU A-bi₂-si₂-im-ti); SumRec Dreh 19 (AS 8 ix 9, kaš-de₂-a / mu-DU A-bi₂-si₂-im-ti), with ĝiri₃ ^dEn-lil₂-zi-ša₃-gal₂; TRU 126 (AS 8 ix 18, mu-DU A-bi₂-si₂-im-ti), with two deliverers erin₂ URUXA^{ki}, ugula ^dŠul-gi-zi-mu and I-ra-am-^dDa-gan; OrSP 47-49 115 (AS 8 x 3, mu-DU nin).

¹³⁶³ ki Ur-sa₆-sa₆-ga ensi₂ I-šim-^dŠul-gi-ra-ta: JCS 35 177 2 (AS X viii 3).

between AS 5 and AS 7¹³⁶⁴.

2.2.3.2.17 Various governors, temple perfects or shepherds

Between AS 2 and AS 7, Aba-saga received the deliveries of a considerable number of animals from many temple perfects (5 oxen, 871 sheep, 151 goats and 34 equids)¹³⁶⁵, governors and temple perfects (107 oxen, 1379 sheep, 878 goats and 32 equids)¹³⁶⁶, and shepherds (947 sheep and 805 goats)¹³⁶⁷.

2.2.3.3 Additional deliveries of animals

Among the following deliveries of animals which were received by Aba-saga, it is unknown for the individual who delivered animals.

2.2.3.3.1 For the palace or for the king

In AS 5, Aba-saga received the deliveries of 49 sheep which were taken to the palace and were replaced (in-su) by Ubar¹³⁶⁸ and Ur-niġar, the chief herder¹³⁶⁹. Moreover, in AS 8 ix 26, Aba-saga received the delivery of one sheep designated as the products (niġ₂-dab₅) for the king Amar-Suen from the temple of Enlil¹³⁷⁰.

2.2.3.3.2 For (making) meat

In AS 3 xi 30, Aba-saga received the deliveries of 11 sheep (from) the bala-duty of Šu-Mama, the governor of Kazallu. These sheep were produced for preserved meat and dry meat¹³⁷¹. Moreover, in AS 7 iv 1, Aba-saga received the deliveries of the corpse of two sheep from the House of flesh, replaced by Linisin¹³⁷².

2.2.3.3.3 For the banquet and for cultic purposes

Between AS 5 iii and AS 8 viii, Aba-saga received the deliveries of 1,017 animals (176 oxen, 544 sheep, 293 goats, 3 deer, 1 equid) for the festival¹³⁷³, for the (cultic) banquet¹³⁷⁴ and for

¹³⁶⁴ ki Ur-^dSul-pa-e₃-ta: OIP 121 98 (AS 5 x 30); ArOr 25 562 25 (AS 7 iii 29).

¹³⁶⁵ ki šabra-ne-ta: PDT 1 171 (AS 2 iii 3,15,25,30).

¹³⁶⁶ ki ensi₂ u₃ šabra-e-ne-ta: JCS 14 108 3 (AS 2 v 3,23,30); JCS 14 109 9 (AS 7 iv 11,15,28,30); AUCT 2 375 (AS 7 vii 30).

¹³⁶⁷ ki sipa-e-ne-ta: AAICAB 1/1 Ashm 1910-738 (AS 3).

¹³⁶⁸ mu udu e₂-gal [gu₂]-na ba-an-dab₅-ba-še₃, U-bar-e in-su: SET 9 (AS 5 ii 4).

¹³⁶⁹ mu udu e₂-gal 3-am₃ [gu₂]-na ba-an-dab₅-ba-še₃, Ur-ni₉-ġar kuš₇ in-su: AAICAB 1/2 pl 104 1937-061 (AS 5 vi).

¹³⁷⁰ niġ₂-dab₅ ^dAmar-^dEN.ZU e₂ ^dEn-lil₂-la₂-ta: PDT 1 554 (AS 8 ix 26). For this phrase, see Sigrist 1992: 196-197, and Sallaberger 1993: 118.

¹³⁷¹ mu mu-du-lum u₃ uzu-u₄-še₃, bala Šu-Ma-ma ensi₂ Ka-zal-lu^{ki}: MVN 13 443 (AS 3 xi 30).

¹³⁷² mu ad₆ 20 udu [x]+1-am₃, e₂-uzu-ta, šu ba-an-ti-še₃, Li-ni-si-in-e in-su: BIN 3 542 (AS 7 iv 1).

¹³⁷³ OIP 121 84 (AS 5 iii 29, e₂ gu₄ Wa-ta₂-ru-um saġġa-ta eš₃-eš₃-e ba-ab-dab₅ ki-ba ġa₂-ġa₂-dam “from the House of Watarum the temple administrator, replaced and taken for the festival”); PDT 1 50 (AS 5 iv 5, gu₄ Wa-ta₂-ru-um saġġa-ta, eš₃-eš₃-e ba-ab-dab₅ ki-ba ġa₂-ġa₂-dam “from the (House of) oxen of Watarum the temple administrator, replaced and taken for the festival”).

¹³⁷⁴ OrSp 18 pl 6 20 (AS 5 viii 12, kaš-de₂-a ensi₂ Nibru^{ki} “the banquet from governor of Nippur”); CST 463 (AS 5 ix 12, kaš-de₂-a Še-lu-uš-^dDa-gan ki-ba ġa₂-ġa₂-dam “the banquet from Šeluš-Dagan”); TRU 125 (AS 5 ix 28, ġišbun_x[KI.BI] Nu-i₃-da ġišbun_x[KI.BI] Id-da-a ki gu-za Ur-^dNamma-ta “for the banquet from Nuida and Idda’a, from the place of the throne of Ur-Namma via Ur-Lamma the cook”); PDT 2 1265 (AS 6 xi 28, sa₂-du₁₁ ku₃-ra₂ udu kaš-de₂-a ki ġiš gu-za Ur-^dNamma-ta “as the regular offerings deducted for the banquet from the place of the throne of Ur-Namma via Ur-Lamma the cook”); BCT 1 48 (AS 7 viii 8, kaš-de₂-a ensi₂ Nibru^{ki} “the banquet from governor

additional cultic purposes¹³⁷⁵.

2.2.3.3.4 As the betrothal gift

In AS 5, Aba-saga received the deliveries of 2,306 animals (155 oxen, 3 wild oxen, 995 sheep, 12 wild sheep, 914 goats, 227 wild goats) as the betrothal gifts (from) Niridağal¹³⁷⁶ and Šulgi-ili the inspector¹³⁷⁷.

2.2.3.3.5 As/From the property, estate or ownership (niĝ₂-gur₁₁, e₂-du₆-la, gu₄ udu PN)

Between AS 2 iv and AS 7 viii, Aba-saga received the deliveries of 981 animals (48 oxen, 632 sheep, 271 goats, 30 equids) as/from the properties or ownership of various individuals¹³⁷⁸.

2.2.3.3.6 In the street, from the storage facility/the booty

Between AS 5 i and AS 6 ix, Aba-saga received the deliveries of 134 animals which were found/born in the street, or taken from the storage facility, or from the booty of Nerigal¹³⁷⁹.

of Nippur”); BIN 3 540 = OrSP 47-49 111:10-13 (AS 7 x 22, kaš-de₂-a E₂-a-ra-bi₂ e₂-diĝir-e-ne-ke₄ ba-ab-dab₅ gu₄ udu bala šabra Uri₅^{ki}-ma-ke₄-ne ba-ši-ku₅ “the banquet from Ea-rabi, taken for House of deities deducted from the bala-duties of the temple perfect of Ur”); AAICAB 1/1 Ashm 1910-744 (AS 7 xi X, kaš-de₂-a Ur-^dIŠKUR ensi₂ Ha-ma-zī₂^{ki} eš₃-eš₃ e₂-u₄-15-ke₄ ba-ab-dab₅ gu₄ udu bala Ar-šī-ah ensi₂ Babilim^{ki}-ka ba-ši-ku₅ “the banquet from Ur-Adad governor of Hamazi and taken for festival and the Full-Moon-Day, deducted from the bala-duties of Aršīah governor of Babylon”). For the term ĝišbun_x(KI.BI) “banquet”, see Klein 1990b: 125-126, Waetzoldt 1991, and Sallaberger 1993:177. For the GN Hamazi, see Steinkeller 1998.

¹³⁷⁵ BPOA 7 2538 (AS 8 vii 30, [ki] ^dEN.ZU, [udu?/kas-de₂-a?]) Da-da-a-ta ki-ba ĝa₂-ĝa₂-de₃ “for the place of Suen, replaced from Dada’a”); PDT 2 1240 (AS 8 viii 13, e₂-diĝir-e-ne-ke₄ ba-ab-dab₅ gu₄ udu bala Ur-^dLi₉-si₄ ensi₂ Umma^{ki}-ka ba-ši-ku₅ eš₃-eš₃-ta gur-ra, kaš-de₂-a ensi₂ Nibru^{ki} “taken for House of deities deducted from the bala-duties of Ur-Lisi governor of Umma, returned from festival, for banquet from governor of Nippur”); CM 26 138 (AS 8 viii, e₂-diĝir-re-ne-ke₄ ba-ab-dab₅ gu₄ udu bala Ur-^dLi₉-si₄ ensi₂ Umma^{ki}-ka ba-ši-ku₅ “taken for House of deities deducted from the bala-duties of Ur-Lisi governor of Umma”); Ontario 1 73 (AS X X 29, ^dEn-lil₂ ^dNin-lil₂ ki ^dEN.ZU kaš-de₂-a Šu-^dEN.ZU gu₄ udu bala Ur-^dLi₉-si₄ ensi₂ Umma^{ki}-ka ba-ši-ku₅ “for Enlil, Ninlil, and the place of Suen, for banquet from Šu-Suen, deducted from the bala-duties of Ur-Lisi governor of Umma”).

¹³⁷⁶ niĝ₂-mussa^{sa2} Nir-i₃-da-ğal₂: KM 89262 (AS 5 ii 2).

¹³⁷⁷ niĝ₂-mussa^{sa2} ^dŠul-gi-i₃-li₂ nu-banda₃: Nik 2 448 (AS 5 viii 28).

¹³⁷⁸ AUCT 1 113 (AS 2 iv 2, niĝ₂-gur₁₁ in-su e₂-du₆-la “property, of estate replaced”); NYPL 236 (AS 3 v 26, niĝ₂-gur₁₁ ^dŠul-gi-i₃-li₂ dumu Ra-bi₂-bi₂ PI-il^{ki}-ta “property of Šulgi-ili son of Rabibi of the city PI-il”); BIN 3 67 (AS 3 xii 30, niĝ₂-gur₁₁ E₂-a-i₃-li₂ “property of Ea-ili”); AAICAB 1/2 pl 155 1971-395 (AS 5 iii 25, udu I-šar-ra-ma-aš-ta udu Inim-^dNanna dumu lugal-ta “from sheep of Išarramaš, from sheep of Inim-nanna son of the king”); AuOr Suppl 11 24 (AS 5 iv 8, udu Za-ri₂-iq-ta udu U₁₈-ba-a-ta “from sheep of Zariq, from sheep of Uba’a”); AUCT 1 93 (AS 5 iv 10, udu Še-lu-uš-^dDa-gan-ta udu Ur-^dNin-sun₂-ta udu Ur-^dIŠKUR ensi₂ Ha-ma-zī₂^{ki}-ta “from sheep of Šeluš-Dagan, from sheep of Ur-Ninsun, from sheep of Ur-Adad governor of Hamazi”); SAT 2 897 (AS 5 v 8, e₂ Še-lu-uš-^dDa-gan “house of Šeluš-Dagan”); PDT 1 19 (AS 5 v 21, gu₄ Še-lu-uš-^dDa-gan-ta “from oxen of Šeluš-Dagan”); BPOA 7 1764 (AS 5 ix 22, [gu₄?] Lu₂-^dEN.ZU dumu Nam-ha-ni um-mi-a Adab^{ki} “(oxen) of Lu-Suen son of Namhani the craftsman of Adab”); PDT 1 590 (AS 5 xi 29, niĝ₂-gur₁₁ I-bi₂-zu sukkal dumu A-hu-šu-ni “property of Ibizu the courier son of Ahu-šuni”); OrSP 47-49 102 (AS 7 ii, niĝ₂-gur₁₁ Be-li₂-i₃-li₂ ra₂-gaba e₂-du₆-la “Beli-ili the equestrian, as estate”); BPOA 6 143 (AS 7 iii, gu₄ udu kurušda, niĝ₂-gur₁₁ DIĜIR-le-i₃ dumu En-ni-li₂ ša₃ KA-[...] e₂-du₆-la “oxen and sheep of fatteners, property of the fatteners, Ilum-lē^ī son of Ennili, as estate”); AAICAB 1/2 pl 119 1967-1485 (AS 7 vi 10,12, niĝ₂-gur₁₁ Ša₃-ga-na-kum e₂-du₆-la “property of Šaganakum, as estate”); OrSP 47-49 108 (AS 7 viii 1,9,16,22, niĝ₂-gur₁₁ dam-gar₃-e-ne ki en-nu-ga₂-ta gur-ra ugula A₂-pi₃-la-ša niĝ₂-gur₁₁ ^dEN.ZU-malik ugula ĝiš₂-da niĝ₂-gur₁₁ Še-lu-uš-^dDa-gan niĝ₂-gur₁₁ Še-lu-uš-^dDa-gan Da-gur₁₀-ra^{ki}-ta ki ^dŠul-gi-a-a-ĝu₁₀-ta e₂-du₆-la “property of traders deducted from the prison overseen by Apilaša, property of Suen-Malik the official in charge of sixty men, property of Šeluš-Dagan, property of Šeluš-Dagan from Dagura, from Šulgi-a’agū, as estate”). For the terms niĝ₂-gur₁₁ (or niĝ₂-GA) and e₂-du₆-la, see Maekawa 1996 and Maekawa 1997. For the term ugula ĝiš₂-da, see Steinkeller 1979, and Steinkeller 1989:178. Note that the text BPOA 7 1764 is damaged for the first two lines, [1 g]u₄? / [...] Lu₂-^dEN.ZU. The reconstruction is not certain. There is no parallel involving the relationship of Lu₂-^dEN.ZU dumu Nam-ha-ni. But the indirect evidences, i.e. two texts from Ur (UET 3 15 and UET 3 44), mention Lu₂-^dEN.ZU dumu um-mi-a; as well as another two texts (Fs Levine 115-119 and NATN 382) mentioning Nam-ha-ni um-mi-a, which seems to be speculated that Lu-Suen was the son of Namhani.

¹³⁷⁹ NYPL 225 (AS 5 i 4, AB₂-ru-ma dab₅-ba “taken from the storage facility”); BIN 3 532 (AS 5 i 20, nam-ra-ak

2.2.3.4 Formulary

The text formulary, attested in the texts recording the receipt (i_3 -dab $_5$) of animals from the individual deliveries (mu-DU) issued by Aba-saga, consists of five sections, which are arranged in sequential order below.

Section	Formulary	Description
Section I	(various types)	Body section
Section II	(u_4 N-kam)	Day date formula
Section III	mu-DU ¹³⁸⁰	Delivery phrase
Section IV	Ab-ba-sa $_6$ -ga i_3 -dab $_5$	Receipt phrase
Section V	iti ... / mu ...	Month/year date formula

The chart illustrates that, except for Section I “Body section”, the formulae from Section II to Section V, are fixed. In addition, Section II “Day date formula” is not attested in a few monthly records.

Finally, Section I “Body” is the main part of the receipt (i_3 -dab $_5$) documents. On the basis of different components and arrangements of Section I, there are four primary types of text formulae. In the following, we will concentrate on the Body section.

muDU A: the Body section exclusively contains “S, PN” (animals, individual delivering animals);

muDU B: the Body section contains “S, ki PN-ta” (animals, from individual)

muDU C: the Body section exclusively contains “S, X”, which is neither S, PN nor S, ki PN-ta;

muDU D: the Body section contains both “S, PN” and “S, X”;

2.2.3.4.1 The first type: muDU A

The first type of text formulary (muDU A) is a formula in which Section I “Body” merely consists of two components: S “animals” and PN “individual who delivered animals”, without any additional components.

muDU A

S, PN	<u>S, PN</u>
u_4 N-kam	u_4 N-kam
mu-DU	mu-DU
B i_3 -dab $_5$	B i_3 -dab $_5$
M/Y	M/Y
(e.g. PDT 1 43)	(e.g. OIP 121 87)

uru ^dNe $_3$ -eri $_{11}$ -gal^{ki} “booty of the city Nerigal”); ASJ 12 41 10 (AS 5 iv 30, AB $_2$ -ru-um-ma dab $_5$ -ba “taken from the storage facility”); SA 7 (AS 5 vi 5, u_3 -tu-da ša $_3$ kaskal ki LU.UB $_2$ -bu Hu-ub-ni^{ki}-ta er-ra “born in the street, carried from Hubni”); BIN 3 275 (AS 6 iv 3, sila-a pad $_3$ -da “found in the street”); TCND 71 (AS - x, sila-a pad $_3$ -da “found in the street”). For the term nam-ra-ak “booty”, see most recently Garfinkle 2014. Note that a suggested spelling of the clause ki LU.UB $_2$ -bu Hu-ub-ni^{ki}-ta er-ra is ugnim $_x$ (KI.LU.ŠE $_3$)?-bu Hu-ub-ni^{ki}-ta er-ra. For the term ugnim “troop”, see Falkenstein 1965: 105, and Sallaberger 1993: 278. For the term sila-a pad $_3$ -da, see Sigrist 1992: 59.

¹³⁸⁰ Occasionally, the Section III “Delivery phrase” is not mu-DU, but mu-DU lugal “royal delivery”, or mu-DU ^dŠul-gi “delivery for (the late deified king) Šulgi”, or mu-DU A-bi $_2$ -si $_2$ -im-ti “delivery for (the queen) Abisimti”.

On the basis of this type (mudu A), there are also the following eight types of variants, represented by the Body section (see Table 2.11)¹³⁸¹.

Table 2.11 Formulae attested in the receipts of the deliveries of animals by Aba-saga (Type A)

Type	Formula	Description	Example
mudu A1	<u>S, PN</u> T-me ¹³⁸²	Animals delivered by a group of individuals who held the same title.	OIP 121 91
mudu A2	S, PN šu im-mi-in-us ₂	A component, šu im-mi-in-us ₂ , is added in the formula, followed the PN who delivered animals.	Princeton 2 414
mudu A3	(S1, PN1) S2, PN2 ugula PN1	Animals delivered by PN2, overseen by PN1. Occasionally, the overseer (PN1) occurs at the beginning of a text as the individual delivering animals.	OIP 121 92
mudu A4	<u>S, PN</u> T-me GN-ta	Two elements, T-me and GN-ta, are added in the formula. It means that a group of individuals delivering animals, who held the same title from GN	Fs Lipinski 215 Kerr 1*
mudu A5	<u>S, PN</u> ša ₃ GN	An element, ša ₃ GN, is added to the formula. It states that a group of individuals at GN delivered animals.	Princeton 1 45*
mudu A6	S, PN mu-DU a ₂ -ki-ti še-KIN-ku ₅	Animals delivered by PN, for the <i>akiti</i> - and <i>šeKINku</i> -festivals.	NM 44.18*
mudu A7	S, PN mu-DU er ₂ -su ₃ -a-(ka-ni)	Animals delivered by PN, for the “lament”-cult.	CTNMC 11
mudu A8	S, PN1 u ₄ N-kam ša ₃ GN ġiri ₃ PN2 mu-DU ^d šul-gi	Animals by PN1, at GN, via PN2, delivered for Šulgi. Note that the element, mu-DU ^d šul-gi, is not as the Section III “delivery phrase”, but as one element of the Section I “Body”. Note also that the Section II “day date formula” removes into the “Body”.	PDT 2 1256*

2.2.3.4.2 The second type: mudu B

The second type of text formulary (mudu B) is a formula in which Section I “Body” contains the element ki PN-ta “from PN”, together with additional components.

¹³⁸¹ Note that the sections from II to V for every variant are invariable. Note also that, the formulae of all the variants based on Type 1 are only the additional elements, altogether with one or more elements “S, PN” attested in the texts; *sic passim*.

¹³⁸² The expression refers to that a group of people above it held the same title or profession, for instance, “PN1, PN2, PN3, šabra-me” refers to “PN1 šabra, PN2 šabra, PN3 šabra”; *sic passim*.

mudu B*

S
 ki PN-ta
 (u₄ N-kam)
 mu-DU
 B i₃-dab₅
 M/Y

It is noted that this type (mudu B) is little attested in the text. However, there are a number of variants which occur together with additional components in mudu B (see Table 2.12). Furthermore, the type mudu B has three variants (mudu B15-B17), each of which attests to a similar transaction that Aba-saga received deliveries of animals for the princess Absimti from her fattener Ur-Iglim. Note that the element mu-DU A-bi₂-si₂-im-ti or mu-DU nin is included in Body (Section I), also in Section III there is still the element mu-DU, which seems to be repeated once again.

Table 2.12 Formulae attested in the receipts of the deliveries of animals by Aba-saga (Type B)

Type	Formula	Description	Example
mudu B1	S šu-gid ₂ ki PN-ta	Animals designated as the šu-gid-contingent, (delivered) from PN	OIP 121 74
mudu B2	S šu-gid ₂ niġ ₂ -gur ₁₁ PN1 ki PN-ta	Animals designated as the šu-gid-contingent, of the property of PN1, (delivered) from PN	PDT 1 364
mudu B3	S šu-gid ₂ ki PN-ta ġiri ₃ PN1	Animals designated as the šu-gid-contingent, via PN1, (delivered) from PN	Princeton 1 44
mudu B4	S1 kin-ġi ₄ -a S2 šu gid ₂ u ₄ N-kam ki PN-ta	Animals for extispicy, and designated as the šu-gid-contingent, (delivered) from PN	BIN 3 110
mudu B5	S kin-ġi ₄ -a e ₂ -udu-niġa šu-gid ₂ ki PN-ta	Animals for extispicy for/from the fattened-sheep House as the šu-gid-contingent, (delivered) from PN	BIN 3 277
mudu B6	S sa ₂ -du ₁₁ ku ₅ -ra ₂ u ₄ N-kam bala PN1 ki PN-ta	Animals as the regular offering for the bala-duty of PN1, (delivered) from PN	PDT 1 211
mudu B7	S sa ₂ -du ₁₁ ku ₅ -ra ₂ bala PN ki PN-ta	<i>idem</i>	AJSL38 141
mudu B8	S la ₂ -ia ₃ su-ga ki PN-ta	Animals designated as “deficit compensated”, (delivered) from PN	JCS 24 88 64

Type	Formula	Description	Example
modu B9	S la ₂ -ia ₃ su-ga ġiri ₃ PN1 ki PN-ta	Animals designated as “deficit compensated”, via PN1, (delivered) from PN	AUCT 3 382
modu B10	S kaš-de ₂ -a lugal-še ₃ ki-ba ġa ₂ -ġa ₂ -dam ki PN-ta	Animals replaced for the royal banquet, (delivered) from PN	Erm 14875
modu B11	S mu bala PN1-še ₃ ki PN-ta	Animals on behalf of the bala-duty of PN1, (delivered) from PN	OIP 121 108
modu B12	S, ġiri ₃ PN1 ki PN-ta	Animals via PN1, (delivered) from PN	BIN 3 209
modu B13	S, ki PN-ta ġiri ₃ PN1	Animals via PN1, (delivered) from PN	MVN 13 447
modu B14	S, mu-DU ^d Šul-gi-ra ki PN-ta	Animals delivered for Šulgi, from PN	OIP 121 98
modu B15	S, PN1 mu-DU A-bi ₂ -si ₂ -im-ti ki PN-ta	Animals, delivered by PN1, for Abisimti, from PN	Nik 2 488
modu B16	S kaš-de ₂ -a ġiri ₃ PN1 mu-DU A-bi ₂ -si ₂ -im-ti ki PN-ta	Animals for the banquet via PN1, delivered for Abisimti, from PN	SumRecDreh 19
modu B17	S, mu-DU nin <i>u₄ N-kam</i> ki PN-ta	Animals, delivered for the princess (=Abisimti), from PN	OrSP 47-49 115

2.2.3.4.3 The third type: modu C

Apart from the types modu A and modu B, the third type of text formulary (modu C) includes a Section 1 “Body” that contains an element which is neither the (S, PN) of modu A nor the (S, ki PN-ta) of modu B.

modu C*

S

X (neither PN nor ki PN-ta)

(*u₄ N-kam*)

mu-DU

B i₃-dab₅

M/Y

On the basis of this type (modu C), there are also the following 19 types of variants, represented by Body section (see Table 2.13). Specifically, the types modu C1-C5 contain the element niġ₂-gur₁₁ PN “property of PN”. The types modu C6-C13 involve the (cultic) “banquet”

(kaš-de₂-a, ġišbun_x) and additional cultic activities. The types mudu C14-C15 involve (animals) brought to the palace. The types mudu C16-C17 involve (animals made) of meat. The types mudu C18-C19 involve (animals) born in the street (u₃-tu-da ša₃ kaskal) or found (sila-a pa₃-da).

Table 2.13 Formulae attested in the receipts of the deliveries of animals by Aba-saga (Type C)

Type	Formula	Description	Example
mudu C1	S niġ ₂ -gur ₁₁ PN1 GN-ta ġiri ₃ PN2	Animals delivered, (from/for) property of PN1, from GN, via PN2	NYPL 236
mudu C2	S niġ ₂ -gur ₁₁ PN1 ša ₃ GN ġiri ₃ PN2	Animals delivered, (from/for) property of PN1, at GN, via PN2	BIN 3 67
mudu C3	S niġ ₂ -gur ₁₁ PN1 ġiri ₃ PN2	Animals delivered, (from/for) property of PN1, via PN2	PDT 1 590
mudu C4	S niġ ₂ -gur ₁₁ PN1 ġiri ₃ PN2 e ₂ -du ₆ -la	Animals delivered, (from/for) property of PN1, via PN2, as the estate	AUCT 1 113
mudu C5	S ₁ , gu ₄ udu PN1 niġ ₂ -gur ₁₁ PN2 ġiri ₃ PN3 ša ₃ GN S ₂ e ₂ -du ₆ -la	Part of animals of PN1, (from/for) property of PN2, via PN3, at GN; part of animals as the estate	BPOA 6 143
mudu C6	S ġišbun _x (KL.BI) PN1 ki gu-za Ur- ^d Namma-ta ġiri ₃ PN2	Animals delivered for the banquet (from) PN1, from the throne of Ur-Namma via PN2	TRU 125
mudu C7	S sa ₂ -du ₁₁ ku ₅ -ra ₂ udu kaš-de ₂ -a ki gu-za Ur- ^d Namma-ta ġiri ₃ PN	Animals delivered, as the regular offering deducted, for the banquet, from the throne of Ur-Namma, via PN	PDT 2 1265
mudu C8	S kaš-de ₂ -a PN ki-ba ġa ₂ -ġa ₂ -dam	Animals delivered, for the banquet (from) PN, replaced	CST 463
mudu C9	S kaš-de ₂ -a PN1 e ₂ -digir-e-ne-ke ₄ ba-ab-dab ₅ gu ₄ udu bala PN2 ba-ši-ku ₅ ša ₃ GN	Animals delivered, for the banquet (from) PN1, brought for deities, deducted from bala-duty of PN2, at GN	BIN 3 540
mudu C10	S kaš-de ₂ -a PN1 es ₃ -es ₃ e ₂ -u ₄ -15-ke ₄ ba-ab-	Animals delivered, for the banquet (from) PN1, brought for the Full-Moon-Festival, deducted from bala-	AAICAB 1/1 Ashm 1910-744

Type	Formula	Description	Example
	dab ₅ gu ₄ udu bala PN2 ba-ši-ku ₅	duty of PN2	
muḍu C11	S, DN S, ki ^d EN.ZU kaš-de ₂ -a PN1 gu ₄ udu bala PN2-ka ba-si-ku ₅	Animals for deity and place of Suen, for the banquet (from) PN1, deducted from bala-duty of PN2	Ontario 1 73
muḍu C12	S e ₂ -digir-re-ne-ke ₄ ba-ab-dab ₅ gu ₄ udu bala PN-ka ba-ši-ku ₅	Animals delivery, brought for deities, deducted from bala-duty of PN	CM 26 138
muḍu C13	S1 e ₂ -digir-re-ne-ke ₄ ba-ab-dab ₅ gu ₄ udu bala PN1 ba-ši-ku ₅ S2 es ₃ -es ₃ -ta gur-ra kas-de ₂ -a PN2	Part of animals brought for deities, deducted from bala-duty of PN1; part of animals from festival returned, for the banquet (from) PN, delivery	PDT 2 1240
muḍu C14	S mu udu e ₂ -gal [udu]-na ba-an-dab ₅ -ba-še ₃ PN-e in-su	Animals for bringing to palace, PN replaced, (delivery)	SET 9
muḍu C15	S mu udu e ₂ -gal 3-am ₃ udu-na ba-an-dab ₅ -ba-še ₃ PN1 in-su ġiri ₃ PN2	Animals for bringing to palace, PN1 replaced, via PN2, (delivery)	AAICAB 1/2 pl 104 1937-061
muḍu C16	S mu ad ₆ 20 udu 1-am ₃ e ₂ -uzu-ta šu ba-an-ti-še ₃ PN1-e in-su ġiri ₃ PN2	Animals made of meat, PN1 replaced, via PN2, (delivery)	BIN 3 542
muḍu C17	S mu mu-du-lum u ₃ uzu-UD-še ₃ bala PN	Animals made of meat, (from/for) bala-duty of PN, (delivery)	MVN 13 443
muḍu C18	S u ₃ -tu-da ša ₃ kaskal ki LU.UB ₂ -bu Hu-ub-ni ^{ki} -ta	Animals born at the street, from Hubni brought, via PN, (delivery)	SA 7

Type	Formula	Description	Example
	er-ra ġiri ₃ PN		
modu C19	S sila-a pad ₃ -da, ġiri ₃ PN	Animals found on the road, via PN, (delivery)	TCND 71

2.2.3.4.4 The fourth type: modu D

The formulary modu D is the mixture not only containing the components (S, PN) of modu A, but also ones (S, X) of modu C, in Section I “Body”. It states that the text formulary includes not only the components of individual deliveries of animals (S, PN), but also includes the components that are neither the individual deliveries (S, PN) nor the deliveries from individuals (S, ki PN-ta).

modu D

S1, X	S1, PN
S2, PN	S2, X
u ₄ N-kam	u ₄ N-kam
mu-DU	mu-DU
B i ₃ -dab ₅	B i ₃ -dab ₅
M/Y	M/Y

On the basis of this type modu D, there are the following nine types of variants, represented by Body section (see Table 2.14).

Table 2.14 _ Formulae attested in the receipts of the deliveries of animals by Aba-saga (Type D)

Type	Formula	Description	Example
modu D1	S, AB ₂ -ru-ma dab ₅ -ba ġiri ₃ PN	Animals brought to the storage facility via PN	NYPL 225
modu D2	S nam-ra-ak uru GN ġiri ₃ PN	Animals as booty from the city of GN, via PN	BIN 3 532
modu D3	<u>S, udu/gu₄ PN1-ta</u> ġiri ₃ PN2	Animals from PN1, via PN2	AUCT 1 93
modu D4	S1, gu ₂ šu-a-gi-na S2, kaš-de ₂ -a PN	Animals designated as šu-a- gi-na-tax and banquet-gift, from delivery of PN	PDT 1 166
modu D5	S kaš-de ₂ -a PN	Animals as the banquet-gift, (delivery) from PN	BCT 1 48
modu D6	S (e ₂) gu ₄ PN-ta eš ₃ -eš ₃ -e ba-ab-dab ₅ ki-ba ġa ₂ -ġa ₂ -dam	Animals from PN, brought for the festival, replaced , (delivery)	OIP 121 84, PDT 1 50
modu D7	S1, PN1	Animals from delivery of	SET 10

Type	Formula	Description	Example
	S2, ša ₃ GN	PN1, and animals at/from	
	ugula PN1	GN overseen by PN1	
muḍu D8	S	Animals from temple of	PDT 1 554
	niġ ₂ -dab ₅ ^d Amar- ^d EN.ZU	Enlil, as the product for	
	e ₂ ^d En-lil ₂ -la ₂ -ta	Amar-Suen	
muḍu D9	S	Animals designated as the	KM 89262
	niġ ₂ -mussa ^{sa2} PN	betrothal gift, (delivery)	

2.2.3.5 Brief summary

To sum up, Aba-saga received (i₃-dab₅) the deliveries of 21,641+ animals. The detailed statistics of the number of the animals is listed as follows (see Table 2.15):

Table 2.15 Statistics of the number of the deliveries of animals received by Aba-saga

mu-DU	Ox	Sheep	Goat	Wild/Rare	Subtotal
ab ₂ -rig	0	3	1	0	4
aga ₃ -us ₂	0	4	0	1	5
dam-gar ₃	0	17	1	1	19
di-ku ₅	1	15	2	1	19
dub-sar	0	4+	0	0	4+
en	0	53+	8	0	61+
engar	0	1	0	0	1
ensi ₂	62	706+	192	3	963
ereš-diġir	0	10	0	0	10
erin ₂	140	1,770	1,142	15	3,067
gala	0	5	1	0	6
gala-mah	1	13	0	0	14
gudu ₄	0	3	0	0	3
ha-za-num ₂	0	7	0	0	7
kuš ₇	7	243	16	0	266
lu ₂ GN	12	55	38	4	109
lu ₂ kaš ₄	0	7	1	0	8
mar-tu	11	205+	55+	0	271+
maš-en-kak	2	15	5	0	22
maš ₂ -šu-gid ₂ -gid ₂	0	2	0	0	2
muhaldim	0	1	0	0	1
na-gada	0	3	1	0	4
nar	0	2	1	0	3
nu-banda ₃	38	489	96	0	623
pisan-dub-ba	0	2	1	0	3
ra ₂ -gaba	1	2	1	1	5

mu-DU	Ox	Sheep	Goat	Wild/Rare	Subtotal
sagi	0	3	0	0	3
saĝĝa	2	96+	3	1+	102+
sipa ur	1	5	1	0	7
sukkal	0	12	2	0	14
šabra	9	199	4	0	212
šidim	0	3	1	0	4
šu-ku ₆	0	3	0	0	3
u ₃ -kul	0	5+	1	0	6+
u ₄ -da-tuš	0	0	1	0	1
ugula uš-bar	0	9	0	0	9
um-mi-a	0	1	0	0	1
unu ₃	0	1	0	0	1
royal	0	20	6	2	28
Other PNs	175+	2,443+	1,294+	507+	4,419+
from Aba-saga	2	4	32	3	41
from Barbar	0	0	0	12	12
from Ea-rabi	3	0	0	6	9
from Gudea	2	0	0	0	2
from Ilallum	0	9	0	0	9
from Isu-arik	1	0	0	1	2
from Lu-diĝira-Ah	0	0	0	15	15
from Lugal-melam	0	22	38	0	60
from Nuida	0	15	0	0	15
from Šeluš-Dagan	0	17	72	0	89
from Šulgi-iriĝu	0	177	19	0	196
from Šulgi-zimu	0	0	15	0	15
from Ur-Bau	0	30	0	0	30
from Ur-Igalim	322	1,258	315	0	1,895
from Ur-sasaga	0	17	99	0	116
from Ur-Šulpae	0	8	8	0	16
from šabra-ne	5	871	151	34	1,061
from ensi ₂ /šabra	107	1,379	878	32	2,396
from sipa-ne	0	947	805	0	1,752
for king	0	50	0	0	50
for meat	0	13	0	0	13
for banquet	176	544	293	4	1,017
for betrothal	155	995	14	242	1,406
for property	48	632	271	30	981
in street	61	32	0	40	133
Total:	1,344+	13,457+	5,885+	955+	21,641+

2.2.4 The expenditure (šu ba-ti) of animals received by individuals

Only a few administrative documents mention the transaction that Aba-saga expended (šu ba-ti) animals, both alive and dead, which were received by different individuals, almost all with the sealers (kišib) or seal impression added. Unlike the expenditures (i₃-dab₅) covered in Section 2.2.2, these expenditures of animals use the term šu ba-(an)-ti to designate the receivers. The persons who accepted (šu ba-ti) animals from Aba-saga include Hir (91 sheep and 19 goats)¹³⁸³, Lu-Utu (3 oxen, 25 sheep and 14 goats)¹³⁸⁴, Nur-Suen (11 oxen, 76 sheep and 23 goats)¹³⁸⁵, Ur-kununa (1 sheep)¹³⁸⁶, Ur-niġar (8 oxen)¹³⁸⁷, Ur-Ninsun (1 sheep)¹³⁸⁸, Ur-Šarrugen (2 sheep)¹³⁸⁹, Ur-Utu (1 ox)¹³⁹⁰ and Ur-ra-ilum (1 ox)¹³⁹¹. Except for Nur-Suen and Ur-niġar who both accepted dead animals from Aba-saga, the others accepted living animals from Aba-saga. Interestingly, the reason why a lot of personal names given with the initial sign UR occur in this list is unclear, and may be coincidental.

2.2.5 The ki-bi gi₄-a-accounts issued by Aba-saga

There are 11 administrative documents issued by Aba-saga that mention the phrase ki-bi gi₄-a “returned to its place, restored”, which identifies this type of text as the so-called ki-bi gi₄-a-account¹³⁹². The ki-bi gi₄-a-account is defined as “a theoretical reconstruction of the basic business activities – i.e., the receipt, delivery, and expenditure of animals – within an identifiable

¹³⁸³ MVN 8 3 (AS 3). The PN Hir (Hi-ir), studied by Hilgert (2002: 382), is probably a short form of the PN DIĠIR-hi-ir. Other references to the name Hi-ir in Drehem texts are MVN 13 589 (ki Hi-ir-ta), MVN 15 277 (niġ₂-gur₁₁ Hi-ir), and STD 14 (Hi-ir).

¹³⁸⁴ Nisaba 8 55 (AS 6 - AS 9).

¹³⁸⁵ PDT 1 585 (AS 1 xii). The name Lu₂-^dGiri₃-irigal was incorrectly transliterated as Lu₂-^dGir₃-da in this text (for the DN ^dGiri₃-irigal(ABxGAL), see van Dijk 1960: 26). For Nur-Suen, see Chapter 10.

¹³⁸⁶ Ur-^dKu₃-nun-na: PDT 2 949 (AS 5 xii), with the seal impression Ur-ku₃-nun-na, dub-sar, dumu Lu₂-^dNin-ġir₂-su, sipa na-KAB-tum. Note that the spelling of the name is not Ur-ku₃-nun-na, but Ur-^dKu₃-nun-na. For more examples of this spelling, Ur-^dKu₃-nun-na, from Drehem texts, see SACT 1 55 (Š 38 v), PDT 2 1218 (AS 3 xii), PPAC 4 115 (SS 5 xi), and PDT 1 237 (SS 9 vii). For the DN ^dKu₃-nun-na, see Krebernik 1987-1990: 343. For the bureau of Ur-kununa, see Chapter 14.

¹³⁸⁷ OrSP 47-49 131 (AS 2 vii 20); ASJ 19 204 14 (AS 2 ix). There are nine faked texts mentioning that Ur-niġar accepted animals from Aba-saga dating to AS 2 xi. The nine texts are: AAICAB 1/3 pl 196 Bod A 69, AAICAB 1/3 pl 196 Bod A 72, ASJ 7 184 TRU 409, BJRL 64 109 59, Hiorse 127, OIP 121 132, Orient 16 40 2, PDT 2 1322, PDT 2 1323. For the detailed discussion on the faked texts, see Hilgert 1997.

¹³⁸⁸ PPAC 4 178 (AS 7 v), with seal impression Ur-^dNin-sun₂ arad₂^d[...].

¹³⁸⁹ RA 98 3 2 (AS 7 vii).

¹³⁹⁰ AUCT 1 357 (AS 6 x): Ur-^dUtu-ke₄ šu ba-ti. Note the name of the receiver Ur-Utu followed with the sign KE₄ in the end. Grammatically, Ur-^dUtu-ke₄ <= Ur-^dUtu-ak-e “servant of the god Utu”, -ak is the genitive, and the last -e is the ergative. It is unclear why the element -ak-e occurs in the PN in this case. Note also that in the phrase ki Abba-sa₆-{sa₆}-ga attested in this text, there is an extra sign SA₆, the reason of which is probably that the scribe made mistakes.

¹³⁹¹ AuOr Suppl 11 130 (AS 6 x). Note in the text, there is also the envelop with the same content; as well as the damaged seal impression Ur₂-ra-[DIĠIR] [...] MU[...]. For more examples of this person Ur-ra-ilum attested in Drehem texts, see MVN 10 130 (AS 4 xi 3), Hirose 189 = OIP 121 81 (AS 5 iii 5), and OrSP 47-49 136 (undated).

¹³⁹² For ki-bi gi₄-a-account, see Maeda 1989: 80-93; Sigrist 1992: 86-90; and Hilgert 2003: 57-60.

administrative unit of the Puzriš-Dagan organization during a defined period of time”¹³⁹³.

In general, the ki-bi gi₄-a-account consists of two parts: the first part is the receipt of animals, and the second one is the expenditure of animals. A phrase ša₃-bi-ta “from among them” occurs between these parts to differentiate them. Of the eleven ki-bi gi₄-a-accounts, there are five texts with the day date formula u₄ N-kam occurring in the left edge of the tablet, while the additional six are monthly records.

2.2.5.1 The ki-bi gi₄-a-accounts with the day date formula

The five ki-bi gi₄-a-accounts with the day date formula are given below (see Table 2.16-29):

Table 2.16 The ki-bi gi₄-a-account OIP 121 330 (AS 6 viii 1)

Part 1: Receipt		Part 2: Expending	
<i>Animals</i>	<i>Transaction</i>	<i>Animals</i>	<i>Transaction</i>
1 lamb	Lugal-ma ₂ -gur ₈ -re mu-DU lugal ša ₃ -bi-ta	1 lamb	In-ta-e ₃ -a i ₃ -dab ₅
Total: 1 lamb			
ki-bi gi ₄ -a Ab-ba-sa ₆ -ga			

This text (see Table 2.16) mentions that the one lamb that Aba-saga received as the royal delivery of Lugal-magure was transferred from Aba-saga to Intaea. Theoretically, a text recording the transfer of the one above-mentioned lamb from Aba-saga to Intaea dating to the same day of AS 6 viii 1 should exist, however, unfortunately such a text is not currently extant¹³⁹⁴. We will meet the same question in the discussion of the following ten texts.

Table 2.17 The ki-bi gi₄-a-account OrSP 47-49 98 (AS 6 xi 2)

Part 1: Receipt		Part 2: Expending	
<i>Animals</i>	<i>Transaction</i>	<i>Animals</i>	<i>Transaction</i>
1 lamb	Be-li ₂ -a-ri ₂ -ik	3 lambs	In-ta-e ₃ -a i ₃ -dab ₅
1 lamb	Igi-an-na-ke ₄ -zu		
1 lamb	Ba-ba-ti mu-DU lugal ša ₃ -bi-ta		
Total: 3 lambs			
ki-bi gi ₄ -a Ab-ba-sa ₆ -ga			

This text (see Table 2.17) records that three lambs which Aba-saga received as the royal deliveries of three individuals, namely Beli-arik, Igi-annakezu and Babati, were transferred from Aba-saga to Intaea. The text from the same day, recording this transfer of the lambs from Aba-saga to Intaea, is not available.

¹³⁹³ See Hilgert 2003: 57.

¹³⁹⁴ See Hilgert 2003: 60.

Table 2.18 The ki-bi gi₄-a-account KM 89228 (AS 8 vii 3)

Part 1: Receipt		Part 2: Expending	
<i>Animals</i>	<i>Transaction</i>	<i>Animals</i>	<i>Transaction</i>
1 lamb	A-a-mu šabra	4 sheep, 1 lamb	Na-lu ₅ i ₃ -dab ₅ (BIN 3 181)
1 lamb	LUM-ma šabra	3 lambs	[mu ensi ₂ GN-še ₃] Lu ₂ -sa ₆ -ga
4 sheep, 1 lamb	Lugal-ma ₂ -gur ₈ -re		i ₃ -dab ₅
1 lamb	E ₂ -ki-gal-la ¹³⁹⁵		
	mu-DU lugal		
	ša ₃ -bi-ta		
Total: 8 (4 sheep, 4 lambs)			
ki-bi gi ₄ -a Ab-ba-sa ₆ -ga			

This text (see Table 2.18) records that eight sheep which Aba-saga received as the royal deliveries of four individuals, namely A’amu the temple perfect, LUM-ma the temple perfect, Lugal-magure and E-kigala, were transferred from Aba-saga to Nalu and Lu-saga. Among this group, the transfer of four sheep and one lamb from Aba-saga to Nalu is also recorded in a transfer-text (BIN 3 181). However, the text from the same day, recording this transfer of the lambs from Aba-saga to Lu-saga, is available.

Table 2.19 The ki-bi gi₄-a-account Princeton 2 325 (AS 9 iii 14)

Part 1: Receipt		Part 2: Expending	
<i>Animals</i>	<i>Transaction</i>	<i>Animals</i>	<i>Transaction</i>
9 sheep, 14 goats	sa ₂ -du ₁₁ lugal-še ₃ ki Šeš-kal-la-ta ša ₃ -bi-ta	9 sheep, 14 goats	Igi- ^d En-lil ₂ -še ₃ i ₃ -dab ₅
Total: 23 (9 sheep, 14 goats)			
ki-bi gi ₄ -a Ab-ba-sa ₆ -ga			

This text (see Table 2.19) mentions that twenty-three sheep which Aba-saga received as regular offering for the king from Šeš-kala were transferred from Aba-saga to Igi-Enlilše. The text from the same day, recording this transfer of the animals from Aba-saga to Igi-Enlilše, is not extant.

The preceding four ki-bi gi₄-a-accounts with the day date formula only mention one or two persons who took animals in charge from Aba-saga. The following ki-bi gi₄-a-account with the day date formula, however, mentions a number of transfers of animals from Aba-saga to affiliated and subordinate bureaus, as well as individual officials and dignitaries.

¹³⁹⁵ The name was partly damaged, and the reconstruction was based on the homonymous name from Drehem texts, see: Princeton 2 141 (SS 9), MVN 13 544 (IS 1 xii d), SET 108 (IS 1 vi 25), TRU 157 (IS 1 xi 15), PDT 1 574 (undated), TRU 89 (undated) and MVN 13 690 (undated).

Table 2.20 _ The ki-bi gi₄-a-account AUCT 3 484 (AS 8 v 8)¹³⁹⁶

Part 1: Receipt		Part 2: Expending	
<i>Animals</i>	<i>Transaction</i>	<i>Animals</i>	<i>Transaction</i>
20 oxen	erin ₂ A-ra-ap-hu-um ^{ki} ugula PU ₃ .ŠA- ^d Šul-gi dumu Ha-ši-pa ₂ -tal ^{ki}	41 oxen	[Igi]- ^d En-lil ₂ -še ₃ i ₃ -dab ₅
5 oxen	erin ₂ Dur-maš ^{ki} ugula Šu- ^d Šul-gi	24 [oxen]	Du ₁₁ -ga i ₃ -[dab ₅]
4 oxen	erin ₂ A-gaz ^{ki} ugula Ki-na-mu-ša {ki}	13 oxen	[Ur]-tur i ₃ -dab ₅ (Princeton 1 50)
10 [oxen]	erin ₂ Lu-lu-bu ^{ki} [ugula D]a-da dumu lugal	1 goat	Na-lu ₅ i ₃ -dab ₅
[6 oxen]	erin ₂ Ha-ma-zī ₂ ^{ki} , ġiri ₃ Ur- ^d IŠKUR	3 lambs	mu ensi ₂ Zimbir ^{ki} -še ₃ , Lu ₂ -sa ₆ -ga i ₃ -dab ₅ (MVN 11 211:8) ¹³⁹⁷
[6] oxen	erin ₂ Šu-ir-hu-um ^{ki}	1 sheep	I ₃ -la-lum
[2]+3 oxen	erin ₂ Šu-ah ^{ki}	1 sheep	Da-da gala
[3]+2 oxen	erin ₂ Gab ₂ -la-aš ^{ki} ġiri ₃ E ₂ -a-ra-bi ₂ ugula I ₃ -lal ₃ -lum	1 sheep	Ur- ^d Nin-gublaga nar Ta ₂ -hi-iš-a-tal maškim ša ₃ mu-DU-ra-ta zi-[ga] lugal
10 oxen	erin ₂ Zaq-tum ^{ki} ugula Šeš-kal-la		
7 [oxen]	erin ₂ Dur-ib-la ^{ki} [ugula] Nu-ur ₂ -i ₃ -li ₂ [mu] gu ₄ -niga-še ₃ , ġiri ₃ Lu ₂ - ša-lim lu ₂ -kin-gi ₄ -a lugal		
3 sheep, 1 lamb, 1 goat	DI.KU ₅ -[i ₃]-li ₂		
[1] lamb	U ₃ -da-ti		
[1] lamb	ensi ₂ [...] (destroyed) [mu-DU or mu-DU lugal] [ša ₃ -bi-ta]		
Total: 85 (78 oxen, 3 sheep, 3 lambs, 1 goat)			
ki-bi gi ₄ -a Ab-ba-sa ₆ -ga			

This large text (see Table 2.20), dated AS 8 v 8, records that a great number of animals were received by the Aba-saga, (probable deliveries), from the troops of ten sites and probably three individuals, and then transferred from Aba-saga to five subordinate bureau officials and three dignitaries.

¹³⁹⁶ The text has been studied by M. Sigrist (see Sigrist 1979).

¹³⁹⁷ This unnamed governor of Sippar is certainly named as Nur-Dagan, based on the text MVN 11 211 dating to AS 8 v (bala Nu-ur₂-^dDa-gan ensi₂ Zimbir^{ki}).

2.2.5.2 The ki-bi gi₄-a-accounts without the day date formula

Apart from the preceding five ki-bi gi₄-a-accounts with the day date formula, there are the following six ki-bi gi₄-a-accounts without the day date formula.

Table 2.21 _ The ki-bi gi₄-a-account AS 27 63-64 (AS 2 i)¹³⁹⁸

Part 1: Receipt		Part 2: Expending	
<i>Animals</i>	<i>Transaction</i>	<i>Animals</i>	<i>Transaction</i>
2,794	mu-DU lugal	773	zi-ga lugal
4	mu-DU ^d Šul-gi		ad ₆ -bi Ur-ni ₉ -ġar šu ba-ti
14	ki šabra-ne-ta		kuš-bi Lugal-eren ₂ šu ba-ti
166	e ₂ -du ₆ -la	5	^{ġis} gu-za ^d Šul-gi
920	a-ša ₃ -ta	277	niġ ₂ -ba lugal
	saġ-niġ ₂ -gur ₁₁ -ra-kam	30	sa ₂ -du ₁₁ ^d Gu-la
	ša ₃ -bi-ta	6	sa ₂ -du ₁₁ Inim- ^d Nanna
		14	mu ur-ra-še ₃ Dan- ^d Šul-gi šu ba-ti
		30	ba-ug ₇ mu ur-ra-še ₃ , DIĠIR-ba-ni šu ba-ti
		1	ba-uš ₂ kišib Ur-ni ₉ -ġar
		4	kišib ensi ₂ u ₃ šabra-ne
		137	kišib Lu ₂ -diġir-ra dumu Inim- ^d Šara ₂
		515	kišib ^d Šul-gi-a-a-ġu ₁₀
		12	kišib Lu ₂ -diġir-ra dumu Arad ₂ -hul ₃ -la
		1,051	kišib Na-lu ₅
		3	kišib Šu-Er ₃ -ra
		55	kišib Ur-šu-ga-lam-ma
		116	šu-la ₂ -a sila-a SIG ₇ -a, kišib Be-li ₂ -a-zu
		869	ib ₂ -tak ₄ a-ša ₃ -še ₃
		Total: 3,898	
ki-bi gi ₄ -a Ab-ba-sa ₆ -ga			

This text (see Table 2.21), dated AS 2 i, consists of eight columns. It mentions that Aba-saga received 3,898 animals from five origins: the royal deliveries, the deliveries for Šulgi, the temple perfects, private properties (e₂-du₆-la) and the “fields” (a-ša₃). These were expended by Aba-saga for the following destinations: for royal withdrawals, for the throne of Šulgi, for royal gifts, for the regular offerings of Gula and of Inim-Nanna, for feeding dogs, and for the sealers: Ur-niġar, the dignitaries and seven officials of the subordinate bureaus of the Puzriš-Dagan organization (Lu-diġira-IS, Šulgi-a’aġu, Lu-diġira-Ah, Nalu, Šu-Erra, Ur-šugalama and Beli-azu), as well as the 869 animals as remainders for the field.

Table 2.22 _ The ki-bi gi₄-a-account NYPL 345 (AS 2 v)

Part 1: Receipt	Part 2: Expending
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¹³⁹⁸ This text has been studied by Gertrud Farber (see Farber 2007).

<i>Animals</i>	<i>Transaction</i>	<i>Animals</i>	<i>Transaction</i>
402	mu-DU lugal	228	zi-ga lugal
24	mu-DU ^d Šul-gi	19	šu-gid ₂ [...] ¹³⁹⁹
460	ki ensi ₂ u ₃ šabra-e-ne-ta	37	niĝ ₂ -ba lugal
79	ki unu ₃ -e-ne-ta	36	niĝ ₂ -dab ₅ lu ₂ Mar-ha-ši ^{ki} -ke ₄ -ne
256	ki sipa-e-ne-ta	30	sa ₂ -du ₁₁ ^d Gu-la
642	ki Šu-Er ₃ -ra-ta	6	sa ₂ -du ₁₁ Inim- ^d Nanna dumu lugal
50	e ₂ -du ₆ -la	30	ba-ug ₇ mu-ur-ra-še ₃ , DIĜIR-ba-ni šu ba-ti
403	a-ša ₃ -ta	48	kišib ^d Šul-gi-a-a-ĝu ₁₀
	saĝ-niĝ ₂ -gur ₁₁ -ra-kam	45	kišib Lu ₂ -diĝir-ra dumu Inim- ^d Šara
	ša ₃ -bi-ta	69	kišib Na-lu ₅
		79	kišib Šu-Er ₃ -ra
		1,608	ib ₂ -tak ₄ a-ša ₃ -še ₃
		81	Be-li ₂ -a-zu i ₃ -dab ₅
Total: 2,316			
ki-bi gi ₄ -a Ab-ba-sa ₆ -ga			

This text (see Table 2.22), dating to the fifth month of the second regnal year of Amar-Suen, records that Aba-saga received 2,316 animals in total from various origins; these animals were expended for many different purposes. First of all, the account of the origin of the animals includes the entries: the royal deliveries, the deliveries for Šulgi, from governors and temple perfects, from shepherds, from Šu-Erra, the private properties (or estates), and from the “field”. Furthermore, the purposes that the 2,316 animals were expended include the entries: royal withdrawals, royal gifts, products of the people of Marhaši, regular offerings for the deity Gula, regular offerings for Inim-Nanna son of the king, feeding of dogs, and sealed by (or taken in charge by) five officials of affiliated and subordinate bureaus of the Puzriš-Dagan organization, namely Šulgi-a’āĝu, Lu-diĝira-IS, Nalu, Šu-Erra and Beli-azu; as well as the remainders to the “field”.

Table 2.23 The copies or duplicates of Text NYPL 345 (AS 2 v)

<i>Text</i>	<i>Date</i>	<i>Animals</i>	<i>Transaction</i>
OrSP 47-49 71	AS 2 v 24,30	24	mu-DU ^d Šul-gi-ra ¹⁴⁰⁰
JCS 14 108 3	AS 2 v 3,23,30	460	ki ensi ₂ u ₃ šabra-e-ne-ta
Total:		484	
TAD 46	AS 2 v	631	ib ₂ -tak ₄ a-ša ₃ -še ₃
MVN 13 695	AS [2] v 27	36	ezem lu ₂ Mar-ha-ši ^{ki} -ke ₄ -ne ¹⁴⁰¹

¹³⁹⁹ This damaged phrase is possibly restored as ^{ĝi}šu-gu-za ^dŠul-gi or zi-ga-am₃.

¹⁴⁰⁰ 1 maš₂ Ur-ni₉ / 1 maš₂ ensi₂ Adab^{ki} / u₄ 24-kam / ša₃ e₂ PU₃.ŠA-iš-^dDa-gan^{ki} / ĝiri₃ A-bu-bu / 4 sila₄ / 18 maš₂ / u₄ 30-kam / ša₃ Uri₅^{ki}-ma / ĝiri₃ SIPA-si:in sagi / [...] / šu-niĝin₂ 4 sila₄ / šu-niĝin₂ 20 maš₂ / mu-DU [^dŠul-gi]-ra / Ab-ba-sa₆-ga i₃-dab₅ / month/year. List the animals in the text NYPL 345 involving mu-DU ^dŠul-gi: 4 udu / 20 maš₂. Therefore, it can be seen that in the i₃-dab₅-text (OrSP 47-49 71), the animal was recorded as the detailed form (4 sila₄) that should be identical with 4 udu of the ki-bi gi₄-a-account. Moreover, in the ki-bi gi₄-a-account, the persons who delivered animals mentioned in the i₃-dab₅-text were not recorded.

¹⁴⁰¹ The year date formula in this text was damaged; while it could be reconstructed on the basis of the ki-bi gi₄-a-account.

<i>Text</i>	<i>Date</i>	<i>Animals</i>	<i>Transaction</i>
Total:		667	
ki-bi gi ₄ -a Total:		2,316	

From the above chart (see Table 2.23), it is clear that a total number of animals (484) recorded in the extant individual receipts issued by Aba-saga is considerably lower than the totals (2,316) given by the ki-bi gi₄-a-account under discussion, only accounting for approximately one fifth of the totals (2,316). Likewise, the total number of animals (667) recorded in the extant individual expenditure issued by Aba-saga only accounts for roughly 29 percent of the totals (2,316) given by the ki-bi gi₄-a-account under discussion¹⁴⁰².

Table 2.24 The ki-bi gi₄-a-account OIP 121 248 (AS 5 vii)¹⁴⁰³

Part 1: Receipt		Part 2: Expending	
<i>Animals</i>	<i>Transaction</i>	<i>Animals</i>	<i>Transaction</i>
2,535	[mu-DU lugal] (destroyed) ša ₃ -bi-ta	58	^d Šul-gi-a-a-ĝu ₁₀ i ₃ -dab ₅
		27	A-hu-We-er i ₃ -dab ₅
		9	Lu ₂ -diĝir-ra i ₃ -dab ₅ ¹⁴⁰⁴
		1,032	Na-lu ₅ i ₃ -dab ₅
		17	U ₂ -ta ₂ -mi-šar-ra-am i ₃ -dab ₅
		5	Tu-ra-am- ^d Da-gan i ₃ -dab ₅
		130	Ur-šu-ga-lam-ma i ₃ -dab ₅
		46	šu-la ₂ -a Be-li ₂ -a-zu i ₃ -dab ₅
		828	Šu-Er ₃ -ra i ₃ -dab ₅
		1,939	In-ta-e ₃ -a i ₃ -dab ₅
		103	ensi ₂ u ₃ šabra ib ₂ -dab ₅
		21	[zi-ga] lugal
		121	niĝ ₂ -ba lugal
		Total: 4,336	
ki-bi gi ₄ -a Ab-ba-sa ₆ -ga			

This text (see Table 2.24), dating to the seventh month of the fifth regnal year of Amar-Suen, mentions that as many as 4,336 animals which Aba-saga received were transferred from Aba-saga to ten officials of the affiliated and subordinate bureaus of the Puzriš-Dagan organization, namely Šulgi-a'aĝu, Ahu-Wer, Lu-diĝira-Ah, Nalu, Uta-mišaram, Turam-Dagan, Ur-šugalama, Beli-azu, Šu-Erra, Intaea, and the dignitaries; as well as for the royal withdrawals and royal gifts.

¹⁴⁰² For the significance of the calculation of the number of animals in the ki-bi gi₄-a-accounts, see Hilgert 2003: 60.

¹⁴⁰³ This text has been studied by M. Hilgert (see Hilgert 2003: 57-60).

¹⁴⁰⁴ This person must be identified as Lu-diĝira son of Arad-hula, based on that the sorts of animals that he took in charge are wild or exotic.

Table 2.25 The ki-bi gi₄-a-account RA 8 190 10 (AS 6 vi)¹⁴⁰⁵

Part 1: Receipt		Part 2: Expending	
<i>Animals</i>	<i>Transaction</i>	<i>Animals</i>	<i>Transaction</i>
641	mu-DU lugal	x	zi-ga lugal
5	mu-DU ^d Šul-gi-ra	x	niĝ ₂ -ba lugal
177	ki ensi ₂ u ₃ šabra-ne-ta	x	A-hu-We-er i ₃ -dab ₅
	[ša ₃ -bi-ta]	x	Šu-Ma-ma i ₃ -dab ₅
		x	Lu ₂ -diĝir-ra i ₃ -dab ₅
		x	Na-lu ₅ i ₃ -dab ₅
		x	U ₂ -ta ₂ -mi-šar-ra-am i ₃ -dab ₅
		x	Tah-ša-tal i ₃ -dab ₅
		x	In-ta-e ₃ -a i ₃ -dab ₅
		x	Šu-Er ₃ -ra i ₃ -dab ₅
		x	šabra-<ne> i ₃ -dab ₅
Total: 823?			
ki-bi gi ₄ -a Ab-ba-sa ₆ -ga			

This text (see Table 2.25), dating to the sixth month of the sixth regnal year of Amar-Suen, mentions that probably 823 animals that Aba-saga received from the royal deliveries, the deliveries for Šulgi, and dignitaries were most likely expended from Aba-saga for the royal withdrawals and royal gifts, as well as transferred to eight officials, namely Ahu-Wer, Šu-Mama, Lu-diĝira-Ah, Nalu, Uta-mišaram, Tah(i)š-atal, Intaea and Šu-Erra, of the affiliated and subordinate bureaus of the Puzriš-Dagan organization, as well as received by the temple perfects. The individual records of transfer from Aba-saga to the affiliated and subordinate bureaus have been collected, and based on the extant data, can be presented as follows (see Table 2.26):

Table 2.26 The copies or duplicates of Text RA 8 190 10 (AS 6 vi)

<i>Text</i>	<i>Date</i>	<i>Animals</i>	<i>Transaction</i>
Nisaba 8 158	AS 6 vi 2	2	A-hu-We-er i ₃ -dab ₅
ASJ 9 259 50	AS 6 vi 24	1	A-hu-We-er i ₃ -dab ₅
BPOA 6 677	AS 6 vi 1	2	In-ta-e ₃ -a i ₃ -dab ₅
AUCT 1 158	AS 6 vi 2	6	In-ta-e ₃ -a i ₃ -dab ₅
AUCT 1 820	AS 6 vi 10	1	In-ta-e ₃ -a i ₃ -dab ₅
AUCT 2 208	AS 6 vi 16	16	In-ta-e ₃ -a i ₃ -dab ₅
BIN 3 296	AS 6 vi 17	7	In-ta-e ₃ -a i ₃ -dab ₅
MVN 8 61	AS 6 vi 19	22	In-ta-e ₃ -a i ₃ -dab ₅
AUCT 2 67	AS 6 vi 22	7	In-ta-e ₃ -a i ₃ -dab ₅
PDT 2 868	AS 6 vi 23	4	In-ta-e ₃ -a i ₃ -dab ₅
AUCT 1 135	AS 6 vi 25	1	In-ta-e ₃ -a i ₃ -dab ₅
AUCT 1 626	AS 6 vi 28	4	In-ta-e ₃ -a i ₃ -dab ₅

¹⁴⁰⁵ This text was probably dispersed in light of the information given by the CDLI online database, and there are only available the inaccurate transliteration.

<i>Text</i>	<i>Date</i>	<i>Animals</i>	<i>Transaction</i>
Ontario 1 93	AS 6 vi 29	9	In-ta-e ₃ -a i ₃ -dab ₅
PDT 2 975	AS 6 vi 16	3	Na-lu ₅ i ₃ -dab ₅
PDT 1 182	AS 6 vi 17	2	Na-lu ₅ i ₃ -dab ₅
AUCT 1 904	AS 6 vi 28	1	Na-lu ₅ i ₃ -dab ₅
AUCT 1 126	AS 6 vi 29	2	Na-lu ₅ i ₃ -dab ₅
AUCT 1 246	AS 6 vi 2	3	Šu-Ma-ma i ₃ -dab ₅
BIN 3 285	AS 6 vi 13	5	Šu-Ma-ma i ₃ -dab ₅
AUCT 1 821	AS 6 vi 1	1	Tah-ša-tal i ₃ -dab ₅
OrSP 47-49 90	AS 6 vi 9	2	Tah-ša-tal i ₃ -dab ₅
AUCT 1 68	AS 6 vi 2	1	U ₂ -ta ₂ -mi-šar-ra-am i ₃ -dab ₅
SACT 1 39	AS 6 vi 6	1	U ₂ -ta ₂ -mi-šar-ra-am i ₃ -dab ₅
SAT 2 912	AS 6 vi 8	82	U ₂ -ta ₂ -mi-šar-ra-am i ₃ -dab ₅
Princeton 1 42	AS 6 vi 11	1	U ₂ -ta ₂ -mi-šar-ra-am i ₃ -dab ₅
PDT 2 888	AS 6 vi 12	1	U ₂ -ta ₂ -mi-šar-ra-am i ₃ -dab ₅
TCL 2 5615	AS 6 vi 13	2	U ₂ -ta ₂ -mi-šar-ra-am i ₃ -dab ₅
BIN 3 282	AS 6 vi 20	1	U ₂ -ta ₂ -mi-šar-ra-am i ₃ -dab ₅
MVN 8 62	AS 6 vi 23	1	U ₂ -ta ₂ -mi-šar-ra-am i ₃ -dab ₅
AUCT 2 148	AS 6 vi 24	2	U ₂ -ta ₂ -mi-šar-ra-am i ₃ -dab ₅
BIN 3 398	AS 6 vi 27	3	U ₂ -ta ₂ -mi-šar-ra-am i ₃ -dab ₅
Total:		198	
ki-bi gi ₄ -a Total:		823	

From the above chart, it has been demonstrated that the currently attested total number of animals (198), which were transferred (i₃-dab₅) to the individual officials/bureaus, only accounts for approximately 24 percent of the totals (823) given by the ki-bi gi₄-a-account under discussion. This is meaningful for the individual records of transfer and for the reconstruction of the ki-bi gi₄-a-account under discussion.

Table 2.27 _ The ki-bi gi₄-a-account Nisaba 8 90 (AS 7 x)

Part 1: Receipt		Part 2: Expending	
<i>Animals</i>	<i>Transaction</i>	<i>Animals</i>	<i>Transaction</i>
5,311	mu-DU lugal	11+	zi-ga lugal
[1,090]	[ki] ensi ₂ u ₃ šabra-e-ne-ta	319	zi-ga-am ₃
8	e ₂ -du ₆ -la ¹⁴⁰⁶	[476+]	kišib A-hu-We-er
53	mu-DU didli	430+	kišib Šu-Ma-ma
	ša ₃ -bi-ta	1 ¹⁴⁰⁷	kišib Lu ₂ -diğir-ra
		2,116	kišib Na-lu ₅
		11	kišib U ₂ -ta ₂ -mi-šar-ra-am

¹⁴⁰⁶ Note that in the text Nisaba 8 90, the term was incorrectly transliterated as e₂ gu-za-ta.

¹⁴⁰⁷ The one animal is ha-bu-um, a kind of wild or exotic animals, from which it is certain that the name Lu₂-diğir-ra in this case refers to Lu₂-diğir-ra dumu Arad₂-hul₃-la. Moreover, for the term ha-bu-um, see Sigrist 1992: 31.

Part 1: Receipt		Part 2: Expending	
<i>Animals</i>	<i>Transaction</i>	<i>Animals</i>	<i>Transaction</i>
		10	kišib Tah-ša-tal
		262	kišib Ur-šu-ga-lam-ma
		134	šu-la ₂ -a kišib ^d Nanna-ma-ba
		52	kišib Lu ₂ -sa ₆ -ga
		1,107	kišib In-ta-e ₃ -a
		1,493	kišib ensi ₂ u ₃ šabra-e-ne
		Total: 6,462	
ki-bi gi ₄ -a Ab-ba-sa ₆ -ga			

This text (see Table 2.27), dating to the tenth month of Amar-Suen's seventh regnal year, records that Aba-saga received 6,462 animals in total from the royal deliveries, dignitaries, private properties and many deliveries; these animals were expended for the royal withdrawals (zi-ga lugal) and withdrawals (zi-ga), as well as transferred from Aba-saga to ten officials of the affiliated and subordinate branches of the Puzriš-Dagan organization (Ahu-Wer, Šu-Mama, Lu-diġira-Ah, Nalu, Uta-mišaram, Tah(i)š-atal, Ur-šugalama, Nanna-ma(n)ba, Lu-saga and Intaea) and various dignitaries. The individual records of transfer from Aba-saga to the affiliated and subordinate bureaus are collected based the currently available data as follows (see Table 2.28):

Table 2.28 The copies or duplicates of Nisaba 8 90 (AS 7 x)

<i>Text</i>	<i>Date</i>	<i>Animals</i>	<i>Transaction</i>
CDLJ 2012/1 4.22	AS 7 x 13	476	A-hu-We-er i ₃ -dab ₅
Subtotal:		476	
ki-bi gi ₄ -a Subtotal:		[476+]	
OMRO 68 18 9	AS 7 x ?	x	Na-lu ₅ i ₃ -dab ₅
Akkadica 114-115 96 8	AS 7 x 18	4	Na-lu ₅ i ₃ -dab ₅
CST 366	AS 7 x 20	95	Na-lu ₅ i ₃ -dab ₅
OIP 121 341	AS 7 x 24	3	Na-lu ₅ i ₃ -dab ₅
MVN 13 468	AS 7 x 27	3	Na-lu ₅ i ₃ -dab ₅
Subtotal:		105+	
ki-bi gi ₄ -a Subtotal:		2,116	
Santag 7 131	AS 7 x 10+	11	U ₂ -ta ₂ -mi-šar-ra-am i ₃ -dab ₅
Subtotal:		11	
ki-bi gi ₄ -a Subtotal:		11	
Total:		592+	
ki-bi gi ₄ -a Total:		6,462	

From the above chart, it has been demonstrated that the total number of animals (592+) of the extant individual records of transfer from Aba-saga to the affiliated and subordinate bureaus of the Puzriš-Dagan organization account for less than ten percent of the totals (6,462) given by the ki-bi gi₄-a-account under discussion. In particular, it is unclear how much the total number of animals in

the individual records of transfer from Aba-saga to Ahu-Wer accounts for the totals given by the ki-bi gi₄-a-account, because the corresponding date is destroyed in the ki-bi gi₄-a-account. Moreover, the total number of animals (105+) in the individual records of transfer from Aba-saga to Nalu is far lower than the totals (2,116) given by the ki-bi gi₄-a-account, accounting for a mere 5% of the totals given by the ki-bi gi₄-a-account. The reason is probably that the missing tablets are either still unpublished, or unfortunately destroyed in the course of illicit excavations and the shipping of these illicit tablets over the world. What is more, the total number of animals (11) in the individual records of transfer from Aba-saga to Uta-mišaram is equal to the totals (11) given by the ki-bi gi₄-a-account under discussion. Last but not least, it is important to note that the phrase kišib PN attested in the ki-bi gi₄-a-account under discussion equals with the phrase PN i₃-dab₅ attested in the individual records of transfer from Aba-saga to the affiliated and subordinate bureaus of the Puzriš-Dagan organization.

Table 2.29 The ki-bi gi₄-a-account MVN 1 133 (AS 8 vii)

Part 1: Receipt		Part 2: Expending	
<i>Animals</i>	<i>Transaction</i>	<i>Animals</i>	<i>Transaction</i>
1 lamb	Ab-ba-mu	10 sheep, 1 lamb,	[x]-NAR i ₃ -dab ₅ ¹⁴¹⁰
1 lamb	Gu ₃ -de ₂ -a	1 goat	
1 lamb	Lugal-an-ne ₂	13 lambs, 1 goat	[mu] ensi ₂ Ĝir ₂ -su ^{ki} -še ₃ ¹⁴¹¹ ,
1 lamb	Lu ₂ - ^d Inana		[Lu ₂]-sa ₆ -ga i ₃ -dab ₅
1 kid	Lu ₂ - ^d EN.ZU	1 [lamb]	^d EN.ZU, ^d En-lil ₂ -zi-ša ₃ -ĝal ₂
	dam-gar ₃ -me		maškim, ša ₃ mu-DU-ra-ta, zi-ga
4 sheep, 2 lambs	Wa-ta ₂ -ru-um saĝĝa		lugal ¹⁴¹²
4 sheep, 2 lambs	ensi ₂ Nibru ^{ki1408}		
[1] lamb	SUHUŠ-ki-in		
[1] lamb	Ib-ni- ^d EN.ZU		
[1] lamb	Za-li ₂ -a dub-sar		
[2] sheep, 1 lamb	Lu ₂ -sa ₆ -ga šabra		
[1] lamb]	Lugal-ku ₃ -zu šabra		
[1] lamb]	Lu ₂ -URUxKAR ₂ ^{ki} ka-		
	guru ₇		
[1] goat	Ab-ba nu-eš ₃ ¹⁴⁰⁹		

¹⁴⁰⁸ This unnamed governor of Nippur in this case must be Lugal-melam.

¹⁴⁰⁹ This name in question is possibly read as Ab-ba-mu x. For the name Ab-ba or Ab-ba-mu as the mu-DU official in Drehem texts, see the examples: Ab-ba (MVN 15 350, AS 5 ix 24, 1 goat), Ab-ba-mu dam-gar₃ (Kyoto 23), and Ab-ba-mu šabra (PDT 2 1261).

¹⁴¹⁰ This damaged name preceded with the term i₃-dab₅ is possibly restored with [Na-l]u₅.

¹⁴¹¹ This unnamed governor of Girsu in this case must be Aradĝu, see for example: the text AUCT 2 190 recording that Lu-saga took from Aba-saga 6 oxen and 655 sheep in charge, withdrawn for the bala-duty of Aradĝu the governor of Girsu dating to AS 8 vii.

¹⁴¹² One text MVN 11 215 (AS 8 vii 14) records “1 sila₄, ^dInana, ^dEn-lil₂-zi-ša₃-ĝal₂ maškim, ša₃ mu-DU-ra-ta, ki Ab-ba-sa₆-ga-ta ba-zi”, which is probably not the same event with the ki-bi gi₄-a-account in this case that records 1

Part 1: Receipt		Part 2: Expending	
<i>Animals</i>	<i>Transaction</i>	<i>Animals</i>	<i>Transaction</i>
[1] lamb	Lu ₂ - ^d Šul-gi-ra pisan- dub-ba mu-DU lugal ša ₃ -bi-ta		
Total: 27 (10 sheep, 15 lambs, 2 goats)			
ki-bi gi ₄ -a Ab-ba-sa ₆ -ga			

This text (see Table 2.29), dating to the seventh month of the eighth regnal year of Amar-Suen, records that twenty-seven animals which Aba-saga received from the royal deliveries of 15 individuals were transferred from Aba-saga to an unnamed individual and Lu-saga, as well as royal withdrawals for the deity Suen. Unfortunately, individual records of transfer and expenditure relating to the records of the relevant ki-bi gi₄-a-account, and issued by Aba-saga have, heretofore, not be found.

Accordingly, for the significance or meaningfulness of the ki-bi gi₄-a-account, studied by Hilgert, these are “extremely important sources for the reconstruction of the administrative activities of individual bureaus of the Puzriš-Dagan organization during a given period of time and complex bookkeeping techniques employed within one of the most distinctive economic and administrative centers of the Ur III period”¹⁴¹³. Furthermore, as Gertrud Farber said, “we can learn more about the officials handling the transaction, the origin of the animals, and the terminology for the different types of deliveries and expenditures”¹⁴¹⁴.

2.2.6 The label issued by Aba-saga

In fourteen labels issued by Aba-saga, eight are the so-called pisan dub-ba-labels¹⁴¹⁵ with the Sumerian term pisan dub-ba “(reed) tablet basket”; one bulla mentions the term E₂^{tum} “house”¹⁴¹⁶; three tags occur with the phrase pisan Ab-ba-sa₆-ga “basket of Aba-saga”; and two small containers in question record the withdrawals.

2.2.6.1 The pisan dub-ba-labels

Eight so-called pisan dub-ba-labels, dating between AS 2 and AS 9, record similar administrative activities and text formulary. First of all, they start with the term pisan dub-ba.

lamb for Suen with maškim-official Enlil-zišağal, because from the hand copy of the ki-bi gi₄-a-account, the signs DIĜIR.EN.ZU, not ^dInana, can be clearly read.

¹⁴¹³ See Hilgert 2003: 60.

¹⁴¹⁴ See Farber 2007: 35.

¹⁴¹⁵ For the term pisan dub-ba, see Nelson 1976, Fitzgerald 2003, Steinkeller 2003: 48-49.

¹⁴¹⁶ For the term E₂^{tum} “house” in pisan dub-ba-labels, see Sigrist 1992: 104-105, Heimpel 1994: 280, and Maeda 1996.

Secondly, except for two yearly labels, UDT 176 and RA 8 190 9 which lack a month date formula, the other six labels include the same month date formula, M1-ta M2-še₃ iti N-kam “from M1 to M2, it is N months”, occasionally added with the phrase ša₃-ba diri-(1)-am₃ i₃-ĝal₂ “within them, plus one (month) is in it” to define the intercalary month. Thirdly, six labels, AUCT 2 58, Trouvaille 64, Trouvaille 65, UDT 176, BIN 3 421 and BRM 3 165, contain similar components or phrases: kuš^{kuš} du₁₀-gan “leather bag”, ša₃ kuš^{kuš} du₁₀-gan-na “at the leather bag”, kišib PN “sealed by PN”, ki Ab-ba-sa₆-ga “(from) Aba-saga”, PN i₃/ib₂-dab₅ “PN took in charge”, zi-ga “withdrawal”, and zi-ga lugal “royal withdrawal”. One label, TCND 397, contains the term niĝ₂-kas₇-ak “balanced account”, while the label, RA 8 190 9, contains the terms nu-su ki PN-ta “from PN not replaced”, pisan Ab-ba-sa₆-ga-še₃ ba-a-ši-gur “returned to the basket of Aba-saga”, and ĝiri₃ PN “via PN”.

2.2.6.2 Two small labels

Two small labels, BRM 3 74 and OrSP 47-49 55, record the withdrawal(s) from Aba-saga, with the seal impression of Naram-ili and Lugal-itida, respectively. They are same formulated with zi-ga u₄ N-kam ki PN M/Y “withdrawal, (it is) the Nth day, month/year”.

2.2.6.3 The additional labels

The remaining four labels all contain animals. One bulla, OrSP 47-49 53 dating to AS 5 iii, with the term E₂^{lum} “house” records that 94 animals were from Aba-saga withdrawn for the king. Another two undated labels, BRM 3 122 and MVN 8 150, both mention the phrases pisan Ab-ba-sa₆-ga “basket of Aba-saga”, nu-su “not to replace”, and the term gur “to return”. The former records that 59 animals were not replaced, but were returned to the basket of Aba-saga via Uzinuri for the field-working (nam-erin₂); while the latter, which is a tag with the hole for string in left side, mentions that 204 animals, which were not replaced from the street (nu-su sila-ta gur-ra), were returned (from) the basket of Aba-saga to Lu-Utu. The last one, AUCT 3 384 dating to the second regnal year of Amar-Suen, may not be a label but a common tablet, although it contains the phrase pisan Ab-ba-sa₆-ga. It records that two lambs were sealed by Šeš-kala via Sugali. They were from the basket of Amar-Suen received by Ur-Enlila.

2.2.7 Additional activities issued by Aba-saga

2.2.7.1 The expenditure (kišib PN) of animals sealed by individuals

Two texts, BPOA 7 1974 and CM 26 142, both dating to the eighth regnal year of Amar-Suen, record that Aba-saga expended animals, which were sealed by individuals. It is inferred that those administrative activities in which the expenditure of animals was accompanied by a seal from individuals are equal to those in which they took animals in charge (i₃-dab₅). The former records

that one ox from Aba-saga was sealed by Abia son of Ili-idinam. The latter mentions that seven oxen as the bala-duty of Lu-Ninšubur the temple perfect of An were withdrawn from Aba-saga via Ur-šugalama, which was sealed by Niĝurum. Moreover, the primary text formula is “S, ki Ab-ba-sa₆-ga-ta, kišib PN, M/Y”.

2.2.7.2 One multi-date record of transfer and sealing

One peculiar text¹⁴¹⁷ records that Aba-saga transferred (i₃-dab₅) the equids to three individuals (kišib), namely Šarakam, Lugal-itida and an unnamed person dating from AS 4 x to an unknown day. The administrative significance of this type of sealed text is still unknown.

2.2.7.3 A peculiar sealed text

Another uncommon text, OIP 121 169 dating to the fourth regnal year of Amar-Suen, records twelve oxen from Intaea and Aba-saga respectively were sealed by Ur-kununa and Lu-saga¹⁴¹⁸.

2.2.7.4 One duplicated text (zi-ga) issued by Aba-saga

One zi-ga-text, BIN 5 128, dating to AS 2 with the day and month date formula, records that 600 animals in total as the royal gifts for two individuals from Mari, Amur-Šulgi and Šulgi-palil, were the withdrawals of Aba-saga (from) the bala-duties of Ur-Lamma the governor of Girsu. These animals were designated as provisions (igi-kar₂-kar₂-dam). It is noted that another text, Erm 14793, issued by Aba-saga, records the same transaction.

2.2.7.5 Appendix

Six texts¹⁴¹⁹ record the deliveries (mu-DU) of animals, without the receiver (PN i₃-dab₅) who is possibly considered to be Aba-saga of the “central bureau”.

2.2.8 Summary

For the tenure of Aba-saga as the official of the “central bureau”, there are roughly four periods.

In the first stage, between AS 1 i and AS 1 vii, Aba-saga, under his father Nasa, served at the “central bureau” as the assistant of Nasa, or the so-called associate official of the “central bureau”. During this period, the extant administrative documents issued by Aba-saga are very few.

During the second stage, between AS 1 viii and AS 8 i, which is the main phase, Aba-saga was designated as the principal official of the “central bureau”. Abundant documents issued by Aba-saga were found dated to this stage, particularly to the fifth and sixth regnal years of Amar-Suen. Note from AS 3, Aba-saga probably shifted the administrative activities of disbursing

¹⁴¹⁷ AAICAB 1/3 pl 246 Bod S 309 (AS 4 x, AS 5 vi, x, xii, AS X X). Note the reverse of the text was heavily damaged and in need of reconstruction.

¹⁴¹⁸ For the interpretation of the text and its terminology, see Hilgert 2003: 62-63.

¹⁴¹⁹ Princeton 1 109 (AS 2); TCL 2 5533 (AS 2 ix); BIN 3 60 (AS 2 x); MVN 15 228 (AS 2 xii); Nisaba 8 57 (AS 3 x); OIP 121 85 (AS 5 iv 20).

animals for the “kitchen” to Intaea who was probably an assistant of Aba-saga in this stage.

In the third stage, between AS 8 i and AS 8 viii, for unknown reasons, Aba-saga shifted two types of administrative activities, namely the disbursement of animals for various destinations or purposes, and the receipt of animals from deliveries, to Lugal-amarku, his brother. However, Aba-saga was never retired at the stage, and in fact, he still transferred animals to bureaus or individuals. Accordingly, at this stage, Aba-saga was also designated as the principal official of the “central bureau”; while Lugal-amarku was considered as the associate official.

In the last stage, between AS 8 viii and AS 9 vi, Aba-saga was the principal official of the “central bureau”. Probably, with the death of the king Amar-Suen and the enthronement of the new king Šu-Suen, Aba-saga was finally replaced by Intaea as the principal official of the “central bureau”.

During the approximate eight years of the reign of Amar-Suen, dated between AS 1 viii and AS 9 vi, Aba-saga, the principal official of the “central bureau” of the Puzriš-Dagan organization, dealt with a extremely large number of animals, which were attested in the administrative documents issued by Aba-saga. These animals consisted of 17,165+ animals disbursed (ba-zi) for various destinations or purposes, 138,195+ animals transferred to the affiliated and subordinate bureaus or different individuals, such as various dignitaries or foreign envoys, from Aba-saga; as well as 21,641+ animals received by Aba-saga from various deliveries (mu-DU). The statistical result is given as follows (see Table 2.30):

Table 2.30 Statistics of the number of animals disbursed, transferred and received by Aba-saga

Transaction	Ox	Sheep	Goat	Wild/Rare	Subtotal
Disbursement	1,242+	11,241+	4,007+	369+	17,165+
Transfer	7,835+	85,285+	42,597+	2,452	138,195+
Receipt	1,344+	13,457+	5,885+	955+	21,641+

2.3 Lugal-amarku

The administrative documents issued by Lugal-amarku, the official of the “central bureau” of the Puzriš-Dagan organization, date between AS 8 i¹⁴²⁰ and AS 8 v¹⁴²¹, spanning only four months (approximately). During this period, Lugal-amarku was considered to be the associate official of the “central bureau”. Alternatively, he provisionally acted on behalf of Aba-saga as the principal official of the “central bureau” for just four months for unknown reasons¹⁴²². It is certain that Lugal-amarku is identified as the son of Nasa and the brother of Aba-saga¹⁴²³. What is more, the administrative activities of Lugal-amarku can be divided into the following categories:

1. The expenditure (ba-zi) of animals for various destinations.
2. The expenditure (i₃-dab₅) of animals transferred to bureaus and individuals.
3. The receipt (i₃-dab₅) of animals from the individual deliveries (mu-DU).
4. The ki-bi gi₄-a-account.

2.3.1 The expenditure (ba-zi) of animals

Lugal-amarku expended (ba-zi) animals for cultic purposes (see 2.3.1.1), for members of the royal household (see 2.3.1.2), for different individuals (see 2.3.1.3), for the E’uzga (see 2.3.1.4), for the storehouse (see 2.3.1.5), for feeding dogs (see 2.3.1.6), and for other purposes (see 2.3.1.7).

2.3.1.1 For cultic purposes

Lugal-amarku expended (ba-zi) animals for the following deities: Dagan¹⁴²⁴, Enlil¹⁴²⁵ and

¹⁴²⁰ UDT 133 (AS 8 i 14).

¹⁴²¹ MVN 10 239 (AS 8 v 5).

¹⁴²² In this thesis, Lugal-amarku is identified as the associate official of the “central bureau” of the Puzriš-Dagan. He never became the principal official of the “central bureau”, on the basis of the fact that the administrative documents issued by Aba-saga are still attested dated between AS 8 i and AS 8 v, when there are also the administrative documents issued by Lugal-amarku attested, though. The reason is that there are no two types of texts issued by Aba-saga attested during the period. They are the administrative documents that record the expenditure (ba-zi) of animals for various destinations or purposes issued by Aba-saga, and the administrative documents that record the receipts (i₃-dab₅) of animals by Aba-saga from the individual deliveries (mu-DU). The two types of texts, however, are attested in the contemporary texts issued by Lugal-amarku. Furthermore, the administrative documents that record the transfers (i₃-dab₅) of animals from the “central bureau” to the officials of the affiliated and subordinate bureaus of the Puzriš-Dagan organization and different individuals are attested in both the texts issued by Aba-saga and the texts issued by Lugal-amarku simultaneously. For the administrative documents and the administrative activities issued by Aba-saga dated between AS 8 i and AS 8 v, see Chapter 2.2 Aba-saga.

¹⁴²³ The seal impression regarding with Lugal-amarku is: Lugal-amar-ku₃ dub-sar dumu Na-sa₆ kurušda “Lugal-amarku, the scribe, son of Nasa the fattener”, which was recorded in the following texts from Drehem: AUCT 3 415 (AS 9 x), PDT 1 294 (SS 3 viii 19), BIN 3 450 (SS 3 viii 22), MVN 15 138 (SS 4 vii 30), JAOS 33 176 9 (SS 4 viii 28), YOS 4 77 (SS 5 ix 2), PDT 1 564 (SS 6 xi 29), PPAC 4 210 (SS 8 viii 17).

¹⁴²⁴ dDa-gan: AUCT 2 238:4 (AS 8 ii 9).

¹⁴²⁵ dEn-lil₂: AAICAB 1/3 pl.198 Bod A 86:2 (AS 8 i 22); CST 374:2 (AS 8 ii 6); AUCT 1 130:1 (AS 8 iv 12); MVN 13 844:1 (AS 8 iv 12).

Ninlil¹⁴²⁶/Sud¹⁴²⁷. Also, he expended (ba-zi) animals for Hursaĝgalama¹⁴²⁸ and for the “pleasure garden”¹⁴²⁹.

2.3.1.2 For members of the royal household

Lugal-amarku expended (ba-zi) animals for Abisimti¹⁴³⁰ (wife of Šulgi or Amar-Suen), ME-Ištaran¹⁴³¹ (daughter of Amar-Suen) and (Tulid-Šamši) the ereš-diĝir-priestess of Suen¹⁴³².

2.3.1.3 For different individuals

Lugal-amarku expended (ba-zi) animals for Dada the lamentation singer¹⁴³³, Ilallum¹⁴³⁴, Lugal-magure¹⁴³⁵ and Ur-Ningublaga the singer¹⁴³⁶.

2.3.1.4 For the E’uzga

Lugal-amarku expended (ba-zi) gazelle for the E’uzga¹⁴³⁷.

2.3.1.5 For the storehouse

2.3.1.5.1 Lugal-amarku expended (ba-zi) gazelle designated as šu-gid-contingent for the storehouse¹⁴³⁸.

2.3.1.5.2 Lugal-amarku expended (ba-zi) gazelle designated as šu-gid-contingent and dead gazelle for the storehouse, which Šulgi-iriĝu accepted (šu ba-ti)¹⁴³⁹.

2.3.1.6 For feeding dogs

Lugal-amarku expended (ba-zi) animals designated as šu-gid-contingent for feeding dogs¹⁴⁴⁰.

2.3.1.7 For other purposes

Lugal-amarku expended (ba-zi) animals which Šulgi-iriĝu accepted (šu ba-an-ti) to make salted meat¹⁴⁴¹.

¹⁴²⁶ dNin-lil₂: AACAB 1/3 pl.198 Bod A 86:4 (AS 8 i 22); CST 374:4 (AS 8 ii 6); AUCT 1 130:2 (AS 8 iv 6); MVN 13 844:2 (AS 8 iv 12).

¹⁴²⁷ dSud₃: PDT 1 681:3 (AS 8 iv 2).

¹⁴²⁸ Hur-saĝ-ga-lam-ma: CST 374:6 (AS 8 ii 6). For the term Hur-saĝ-ga-lam-ma, see Edzard 1972-1975, Gibson 1972-1975, and Such-Gutiérrez 2003: 76-77.

¹⁴²⁹ ĝi^škiri₆-mah: AUCT 1 710:2 (AS 8 ii 18). For the term ĝi^škiri₆-mah „Erhabene Garten“, see Sigrist 1992: 187 and Sallaberger 1993: 110-111.

¹⁴³⁰ A₂-bi₂-si₂-im-ti: Princeton 2 106:8-9 (AS 8 iii 26, niĝ₂-dab₅ u₄-nu₂-a). For the term u₄-nu₂-a „Schwarzmondtag“, see Sallaberger 1993: 60-62.

¹⁴³¹ ME-dIštaran: AUCT 1 346:11 (AS 8 iii 11, niĝ₂-dab₅ e₂-u₄-1[5]); MVN 13 844:15 (AS 8 iv 12, niĝ₂-dab₅ e₂-u₄-15). For the term e₂-u₄-15 „Vollmondtag“, see Sallaberger 1993: 40, 59-60.

¹⁴³² ereš-diĝir dEN.ZU: Akkadica 114-115 102 31:2 (AS 8 iii 5, niĝ₂-dab₅ ezem gu₄-si-su). This unnamed ereš-diĝir-priestess of the deity Suen must be named as Tulid-Šamši who was an unknown member of the royal household (see Such-Gutiérrez 2003: 265-266). For the term ezem gu₄-si-su “the *Gusisu*-festival”, see Sallaberger 1993: 114-122.

¹⁴³³ Da-da gala: AUCT 2 238:1 (AS 8 ii 9).

¹⁴³⁴ I₃-lal₃-lum: AUCT 1 272:2 (AS 8 ii 5).

¹⁴³⁵ Lugal-ma₂-gur₈-re: BIN 3 157:2 (AS 8 ii 3); AUCT 1 272:4 (AS 8 ii 5); AUCT 1 239:2 (AS 8 iii 24).

¹⁴³⁶ Ur-dNin-gublaga nar: AUCT 1 239:4 (AS 8 iii 24); AUCT 2 224:1 (AS 8 iv 27).

¹⁴³⁷ e₂ uz-ga: AUCT 2 117:3 (AS 8 ii 4); PDT 1 359:2 (AS 8 ii 10); OrSP 47-49 34:2 (AS 8 ii 16); BPOA 6 719:2 (AS 8 iii 12); BIN 3 152:2 (AS 8 iii 29).

¹⁴³⁸ šu-gid₂ e₂-kišib-ba-še₃: AUCT 1 789:3 (AS 8 iv 19).

¹⁴³⁹ šu-gid₂ ba-uš₂ e₂-kišib-ba-še₃ dŠul-gi-iri-ĝu₁₀ šu ba-ti: AUCT 2 221:1-5 (AS 8 iii 20).

¹⁴⁴⁰ šu-gid₂ ur-ĝir₁₅-ra ib₂-dab₅: Princeton 2 106:2-4 (AS 8 iii 26).

¹⁴⁴¹ uzu-UD-še₃ dŠul-gi-iri-ĝu₁₀ šu ba-an-ti: Akkadica 114-115 102 31:4-6 (AS 8 iii 5); AUCT 1 95:1-3 (AS 8 iii 15).

2.3.1.8 The ġiri₃ or/and maškim officials

The ġiri₃ or/and maškim officials, who were responsible for the disbursements (ba-zi) of animals by Lugal-amarku, are listed below (see Table 2.31):

Table 2.31 Distribution of ġiri₃ or/and maškim officials responsible for the disbursals of animals by Lugal-amarku

ġiri ₃ /maškim	Cultic	Royal	Individuals	E'uzga	Storehouse	Dogs	Others
A-tu sagi	x						
Arad ₂ -ġu ₁₀		x					
Arad ₂ - ^d Nanna muhaldim	x						
DIĠIR-dan sukkal			x				
^d En-lil ₂ -zi-ša ₃ -ġal ₂	x						
^d Nanna-igi-du sagi	x						
Ri-iš-DIĠIR ra ₂ -gaba			x				
Šu-i ₃ -li ₂ sipa ur-ġir ₁₅ -re						y	
Ta ₂ -hi-iš-a-tal			x				
U ₂ -ta ₂ -mi-šar-ra-am			x				
Ur- ^d Ba-u ₂ (muhaldim)				x			
Ur- ^d Šul-pa-e ₃ muhaldim				x			x

The above chart shows that there is no maškim official responsible for the expenditures of animals by Lugal-amarku for the storehouse and for feeding dogs. Moreover, except for the expenditures of animals for feeding dogs that were the responsibility of the ġiri₃-official Šu-ili, the herder of dogs, there is no other ġiri₃ officials. Lastly, two officials of the subordinate bureaus of the Puzriš-Dagan organization, namely Tah(i)š-atal and Uta-mišaram, were responsible for the expenditures of animals for different individuals.

2.3.1.9 Formulary

The following 18 types of formulae are attested in the disbursements of animals by Lugal-amarku for cultic purposes (bazi A6, A11, A35-36), for members of the royal household (bazi B12, B16, B19), for different individuals (bazi C3-4, C11-12), for the E'uzga (bazi D2, D5), for the storehouse (bazi F6-7), for feeding dogs (bazi H7), and for other purposes (bazi K11-12) (see Table 2.32).

Table 2.32 Formulae attested in the disbursals of animals by Lugal-amarku

Type	Component	Formula	Commentary	Text
bazi A6	1-2-3-4	S, DN mu-DU PN	animals with one individual delivery and one maškim official	CST 374, MVN 13 844:1-4

For the term uzu-UD/babbar, see Sigrist 1992: 142-143.

Type	Component	Formula	Commentary	Text
		PN maškim	for two or more deities	
bazi A11	1-2-4-3	<u>S DN</u> PN maškim ša ₃ mu-DU-ra-ta	animals from delivery with one maškim official for two or more deities	AAICAB 1/3 pl 198 Bod A 86, AUCT 1 130
bazi A35	1-2-3-4	S, DN ša ₃ mu-DU-ra-ta PN maškim	animals from delivery with one maškim official for one deity	PDT 1 681
bazi A36	1-2-3-4	S, ^{gus} ki ₁₆ -mah mu-DU PN PN maškim	animals with one individual delivery and one maškim official for the “pleasure garden”	AUCT 1 710
bazi B12	1-2-8-3	S, PNr niĝ ₂ -dab ₅ u ₄ -nu ₂ -a-ka-ni ša ₃ mu-DU-ra-ta	animals as the things taken for the “Dark Moon” from delivery, for one royal member	Princeton 2 106
bazi B16	1-2-8-3	S, PNr niĝ ₂ -dab ₅ e ₂ -u ₄ -15 ša ₃ mu-DU-ra-ta	animals as the things taken for the “Full Moon” from delivery, for one royal member	MVN 13 844:5-17, AUCT 1 346
bazi B19	1-2-8-4	S, PNr niĝ ₂ -dab ₅ ezem gu ₄ -si-su PN maškim	animals as the things taken for the <i>Gusisu</i> -festival, with one maškim official, for one royal member	Akkadica 114-115 102 31
bazi C3	1-2-3-4	S PN mu-DU PN PN maškim	animals with one individual delivery and one maškim official for one individual	AUCT 2 224
bazi C4	1-2-3-4	<u>S PN</u> mu-DU PN PN maškim	animals with one individual delivery and one maškim official for two or more individuals	AUCT 1 272
bazi C11	1-2-4-3	S, PN PN maškim ša ₃ mu-DU-ra-ta	animals from delivery with one maškim official for one individual	BIN 3 157
bazi C12	1-2-4-3	<u>S, PN</u> PN maškim ša ₃ mu-DU-ra-ta	animals from delivery with one maškim official for two or more individuals	AUCT 1 239
bazi D2	1-2-3-4	S e ₂ uz-ga mu-DU PN PN maškim	animals with one individual delivery and one maškim official for the E’uzga	AUCT 2 117, BPOA 6 719, BIN 3 152
bazi D5	1-2-4-3	S e ₂ uz-ga PN maškim ša ₃ mu-DU-ra-ta	animals from delivery with one maškim official for the E’uzga	PDT 1 359, OrSP 47-49 34

Type	Component	Formula	Commentary	Text
bazi F6	1-2	S šu-gid ₂ e ₂ -kišib-ba-še ₃	animals with šu-gid-contingent for the storehouse	AUCT 1 789
bazi F7	1-2-6	S1 šu-gid ₂ S2 ba-uš ₂ /ug ₇ e ₂ -kišib-ba-še ₃ PN šu ba-ti	dead animals and animals with šu-gid-contingent for the storehouse, PN received	AUCT 2 221
bazi H7	1-2-5-6	S šu-gid ₂ ur-gir ₁₅ -re ib ₂ -dab ₅ ġiri ₃ PN ugula PN	animals as the šu-gid-contingent with one ġiri ₃ official and one overseer, for feeding dogs	Princeton 2 106
bazi K11	1-2-6-4	S uzu-babbar/UD-še ₃ PN1 šu ba-an-ti PN2 maškim	PN1 received animals with one maškim official, for making salted meat	Akkadica 114-115 102 31
bazi K12	1-2-6-3	S uzu-babbar/UD-še ₃ PN šu ba-an-ti ša ₃ mu-DU-ra-ta	PN received animals from delivery, for making salted meat	AUCT 1 95

2.3.1.10 Brief summary

Over approximately four months, Lugal-amarku expended (ba-zi) 139 animals for various destinations, which are listed below (see Table 2.33):

Table 2.33 Statistics of the number of animals disbursed by Lugal-amarku

Destination	Ox	Sheep	Goat	Wild/Rare	Subtotal
Cultic	0	6	0	8	14
Royal	0	78	5	15	98
Individuals	0	10	1	2	13
E'uzga	0	0	0	6	6
Storehouse	0	0	0	5	5
Feeding dogs	0	0	0	1	1
Making meat	0	2	0	0	2
Total:	0	96	6	37	139

2.3.2 The expenditure (i₃-dab₅) of animals transferred to bureaus and individuals

Apart from expending (ba-zi) animals for various destinations, Lugal-amarku transferred (i₃-dab₅) animals to 10 officials of the subordinate bureaus of the Puzriš-Dagan organization,

namely Ahu-Wer (9 oxen, 63 sheep and 9 goats)¹⁴⁴², Duga (1,997 sheep and 492 goats)¹⁴⁴³, Enlila (96 oxen)¹⁴⁴⁴, Lu-saga (6 oxen, 48 sheep and 13 goats)¹⁴⁴⁵, Lu-diġira-Ah (39 gazelles)¹⁴⁴⁶, Nalu (590 sheep and 34 goats)¹⁴⁴⁷, Šu-Mama (34 oxen, 1 wild ox, 320 sheep and 3 goats)¹⁴⁴⁸, Tah(i)š-atal (24 sheep and 1 goat)¹⁴⁴⁹, Ur-tur (22 oxen)¹⁴⁵⁰ and Uta-mišaram (10 oxen, 43 sheep, 4 goats, 3 wild goats, 8 gazelles and 2 goat hybrids)¹⁴⁵¹. Also, Lugal-amarku transferred (i₃-dab₅) animals to the following five individuals: Ahuni the herdsman (1 goat)¹⁴⁵², Ibbi-Ištaran (17 equids)¹⁴⁵³, LUM-ma (1 goat)¹⁴⁵⁴, Šarrum-bani the governor of Apiak (1 sheep)¹⁴⁵⁵ and Ur-Bau (24 oxen)¹⁴⁵⁶.

The following seven types of formulae (see Table 2.34) are attested in the texts recording the transfers of animals from Lugal-amarku to bureaus and individuals, most of which used the formula idab001.

¹⁴⁴² AUCT 1 27 (AS 8 ii 9); AUCT 1 788 (AS 8 ii 11); BIN 3 155 (AS 8 iv 13); UDT 150 (AS 8 iv 24); AUCT 1 923 (AS 8 iv 30, sa₂-du₁₁ ku₅-ra₂). For Ahu-Wer, see Chapter 3.2.2.

¹⁴⁴³ OrSP 47-49 112 (AS 8 i 15, šu-gid₂); PDT 2 981 (AS 8 i 24?); AUCT 1 218 (AS i 29, šu-gid₂); BIN 3 160 (AS 8 ii 13, šu-gid₂); Erm 14862 (AS 8 iii 2, šu-gid₂); Nisaba 8 368 (AS 8 iv 1, šu-gid₂); MVN 10 135 (AS - x). Note that in the text MVN 10 135, there is no year name. It probably belongs to AS 8 on the basis of the administrative activities of Lugal-amarku, the official of the “central bureau”. In AS 8 ii 13, 1780 sheep and 468 goats were transferred from Lugal-amarku to Duga. For Duga, see Chapter 2.5.

¹⁴⁴⁴ ASJ 15 77 2 (AS 8 iv 6, šu-gid₂); BIN 3 174 (AS 8 iv 7, šu-gid₂). For Enlila, see Chapter 6.

¹⁴⁴⁵ AOAT 240 83 8 (AS 8 iv 9); BPOA 7 2746 (AS 8 iv 11, mu bala A₂-pi₅-la-ša ensi₂ Ka-zal-lu^{ki}-še₃); TCL 2 5489 (AS 8 iv 13, mu bala A₂-pi₅-la-ša ensi₂ Ka-zal-lu^{ki}-še₃); AUCT 2 52 (AS 8 iv 14, mu bala ensi₂ Ka-zal-lu^{ki}-še₃); PDT 1 629 (AS 8 iv 17, mu bala ensi₂ Ka-zal-lu^{ki}-še₃); AUCT 1 581 (AS 8 iv 18, mu bala ensi₂ Ka-zal-lu^{ki}-še₃); AUCT 1 343 (AS 8 iv 21, mu bala ensi₂ Ka-zal-lu^{ki}-še₃). Most of the animals were given on behalf of the bala-duty of Apilaša the governor of Kazallu. Note that from Day 14, the name of the governor of Kazallu was omitted. For Lu-saga, see Chapter 8.

¹⁴⁴⁶ BPOA 6 698 (AS 8 i 7); AoF 35 242 3 (AS 8 i 18); AUCT 1 815 (AS 8 i 23); AUCT 2 149 (AS 8 ii 7); AUCT 1 609 (AS 8 ii 9); AUCT 1 781 (AS 8 ii 10); AUCT 1 599 (AS 8 ii 13); BIN 3 432 (AS 8 iii 20); TCL 2 5633 (AS 8 iv 4); AUCT 1 636 (AS 8 iv 6). For Lu-diġira-Ah, see Chapter 7.

¹⁴⁴⁷ UDT 133 (AS 8 i 14); OIP 121 414 (AS 8 i 18); AUCT 1 243 (AS 8 i 28); CTMMA 1 28 (AS i 29); AUCT 1 476 (AS 8 ii 15); AUCT 1 801 (AS 8 ii 30); AUCT 1 220 (AS 8 iii 19); BIN 3 154 (AS 8 iii 20); SAT 2 1080 (AS 8 iii 29, sa₂-du₁₁ ku₅-ra₂); AUCT 2 223 (AS 8 iv 6); MVN 8 85 (AS 8 iv 19); TCL 2 5605 (AS 8 iv 27). For Nalu, see Chapter 9.

¹⁴⁴⁸ AUCT 1 773 (AS 8 i 18); BPOA 6 705 (AS 8 i 24); AUCT 1 707 (AS 8 ii 10); BIN 3 158 (AS 8 ii 16); UDT 141 (AS 8 ii 25); AUCT 2 255 (AS 8 iv 13); BIN 3 153 (AS 8 iv 17). Note that in AS 8 i 18, for one time, 321 animals were transferred from Lugal-amarku to Nalu. For Šu-Mama, see Chapter 3.1.3.

¹⁴⁴⁹ AUCT 1 811 (AS 8 i 21); MVN 2 304 (AS 8 ii 22); AUCT 1 22 (AS 8 iii 6); TRU 70 (AS 8 iii 24); AUCT 1 611 (AS 8 iv 10); MVN 10 239 (AS 8 v 5); BIN 3 151 (AS 8 X 4). For Tah(i)š-atal, see Chapter 4.3.

¹⁴⁵⁰ AUCT 1 566 = BCT 1 50 (AS 8 ii 21); BCT 1 51 (AS 8 iv 17); UDT 137 (AS 8 iv 28). For Ur-tur, see Chapter 15.

¹⁴⁵¹ AUCT 1 114 (AS 8 i 25); JEOL 33 114 3 (AS 8 ii 4); AUCT 1 6 (AS 8 ii 5); AuOr Suppl.11 25 (AS 8 ii 7); AUCT 1 921 (AS 8 ii 14); PDT 1 649 (AS 8 ii 15); AUCT 1 204 (AS 8 iii 7); AUCT 1 90 (AS 8 iv 4); AUCT 1 806 (AS 8 iv 10); PDT 1 656 (AS 8 iv 14); Heisserer 15 (AS 8 iv 16); AUCT 1 582 (AS 8 iv 19). Note that in AS 8 ii 17, two sheep were transferred from Lugal-amarku to Uta-mišaram and Tah(i)š-atal (BPOA 6 80). For Uta-mišaram, see Chapter 4.1.

¹⁴⁵² A-hu-ni na-gada: Princeton 2 37 (AS 8 iii 29).

¹⁴⁵³ I-bi₂-^dIštaran: BIN 3 161 (AS 8 ii 12).

¹⁴⁵⁴ Princeton 2 507 (AS 8 ix). Note that the year name recorded in the text is mu en ^dInana ba-huġ “Year: the en-priest of Inana was installed” (AS 5), which must be incorrectly transliterated. It is probably the miswriting of the year name mu en Eridu^{ki} ba-huġ “Year: the en-priestess of Eridu was installed” (AS 8).

¹⁴⁵⁵ Šar-ru-um-ba-ni ensi₂ A-pi₂-ak^{ki}: UDT 128 (AS 8 i 29, sa₂-du₁₁ lugal-še₃).

¹⁴⁵⁶ Ur-^dBa-u₂ x-x-BAR: BIN 3 150 (AS 8 iv 24). Note that it is difficult to restore the damaged signs (x-x-BAR). It is probably šabra “temple perfect”.

Table 2.34 Formulae attested in the transfers of animals from Lugal-amarku

Type	Formula
idab001	S, u ₄ N-kam, ki B-ta, PN i ₃ -dab ₅ , MY
idab002	S, ki B-ta, PN i ₃ -dab ₅ , MY
idab020	S, u ₄ N-kam, mu PN-še ₃ , ki B-ta, PN i ₃ -dab ₅ , MY
idab037	S, u ₄ N-kam, mu bala PN-še ₃ , ki B-ta, PN i ₃ -dab ₅ , MY
idab059	S šu-gid ₂ , u ₄ N-kam, ki B-ta, PN i ₃ -dab ₅ , MY
idab069	S, sa ₂ -du ₁₁ ku ₅ -ra ₂ , u ₄ N-kam, ki B-ta, PN i ₃ -dab ₅ , MY
idab136	S, sa ₂ -du ₁₁ lugal-še ₃ , u ₄ N-kam, ki B-ta, PN i ₃ -dab ₅ , MY

To sum up, Lugal-amarku transferred (i₃-dab₅) 3,917 animals to above-mentioned bureaus and individuals. Among them, the animals (2,489) transferred from Lugal-amarku to Duga make up the majority, accounting for 63% of all animals (3,917) transferred by Lugal-amarku (see Table 2.35).

Table 2.35 Statistics of the number of animals transferred from Lugal-amarku

Transferor	Ox	Sheep	Goat	Wild/Rare	Subtotal
Ahu-Wer	9	63	9	0	81
Duga	0	1,997	492	0	2,489
Enlila	96	0	0	0	96
Lu-saga	6	48	13	0	67
Lu-diġira-Ah	0	0	0	39	39
Nalu	0	590	34	0	624
Šu-Mama	34	320	3	1	358
Tah(i)š-atal	0	24	1	0	25
Ur-tur	22	0	0	0	22
Uta-mišaram	10	43	4	13	70
Uta-mišaram/Tah(i)š-atal	0	2	0	0	2
Individuals	24	1	2	17	44
Total:	201	3,088	558	70	3,917

2.3.3 The receipt (i₃-dab₅) of animals from the individual delivery (mu-DU)

Apart from the expenditure (ba-zi, i₃-dab₅) of animals, Lugal-amarku received (i₃-dab₅) the deliveries of animals of 14 individuals (39 sheep, 6 goats, 2 deer) and five troops (52 oxen). The 16 deliverers are Apilaša¹⁴⁵⁷, Banzige¹⁴⁵⁸, Buzi¹⁴⁵⁹, Dada the governor of A.HA¹⁴⁶⁰, Duga-zida

¹⁴⁵⁷ A₂-pi₅-la-ša: MVN 11 200:10 (AS 8 iii 24). This name is probably identified as the governor of Kazallu, and see for example: MVN 13 694 (AS 7 iv 1-30); BPOA 7 2746 (AS 8 iv 11); TCL 2 5489 (AS 8 iv 13); SAT 3 1219 (AS 8).

¹⁴⁵⁸ Ba-an-zi-ge: TSU 78:2 (AS 8 iii 25). This person as the mu-DU official in Drehem texts is only attested in this

the chief herdsman¹⁴⁶¹, Gumdanum the Amorite¹⁴⁶², Hun-hubše¹⁴⁶³, Laba-NE-riš the Amorite¹⁴⁶⁴, Lu-Nanna¹⁴⁶⁵, Niġar-kidu the courier¹⁴⁶⁶, PAP-AN the Amorite¹⁴⁶⁷, Šulgi-ili¹⁴⁶⁸, Ur-niġar¹⁴⁶⁹, and Watarum the temple administrator¹⁴⁷⁰. Also, the five troops (erin₂) are from Išim-Šulgi¹⁴⁷¹, Išur¹⁴⁷², Maškan-abi¹⁴⁷³, Maškan-šarrum¹⁴⁷⁴ and Puttulium¹⁴⁷⁵.

The following three types of formulae (mudu A, A1, A9) are attested in the texts, in which Lugal-amarku received animals from individual deliveries.

mudu A	mudu A1	mudu A9
<u>S, PN</u>	<u>S1, PN</u>	<u>S1, erin₂ GN, ugula PN</u>
u ₄ N-kam	T-me	ġiri ₃ PN
mu-DU	<u>S2, PN</u>	S2, PN
B i ₃ -dab ₅	u ₄ N-kam	u ₄ N-kam
MY	mu-DU	mu-DU
	B i ₃ -dab ₅	B i ₃ -dab ₅
	MY	MY

2.3.4 The ki-bi gi₄-a-account and comparison with same-day texts

The following four texts involve the ki-bi gi₄-a-accounts issued by Lugal-amarku (see Table 2.36-39).

Table 2.36 The ki-bi gi₄-a-account PDT 1 344 (AS 8 iv 4)

Part 1: Receipt		Part 2: Expenditure	
<i>Animals</i>	<i>Transaction</i>	<i>Animals</i>	<i>Transaction</i>
10 sheep	Na-ap-la-num ₂ mar-tu šu	5 sheep	A-hu-We-er i ₃ -dab ₅
	im-mi-ni-us ₂	5 sheep	Šu-Ma-ma i ₃ -dab ₅

text. Furthermore, two texts, MVN 13 560 (undated, Umma) and PDT 2 913 (undated), mention this name with the title unu₃; while another text, TRU 301 (AS 1 i-xii), probably from Drehem, mentions six sons of a person by this name.

¹⁴⁵⁹ Bu-zi: Fs Astour 369:13 (AS 8 iii 13).

¹⁴⁶⁰ Da-da ensi₂ A.HA^{ki}: TSU 78:4 (AS 8 iii 25).

¹⁴⁶¹ Du₁₁-ga-zi-da kuš₇: TSU 78:3 (AS 8 iii 25).

¹⁴⁶² Gu-um-da-nu-um <mar-tu>: MVN 11 200:3 (AS 8 iii 24).

¹⁴⁶³ Hu-un-hu-ub-še: Ontario 1 74:10 (AS 8 ii 20).

¹⁴⁶⁴ La-ba-NE-ri-iš <mar-tu>: MVN 11 200:8 (AS 8 iii 24).

¹⁴⁶⁵ Lu₂-^dNanna: OIP 121 106:3 (AS 8 iii 13+).

¹⁴⁶⁶ Ni₉-ġar-ki-du₁₀ sukkal: Ontario 1 74:7 (AS 8 ii 20).

¹⁴⁶⁷ PAP-AN <mar-tu>: MVN 11 200:6 (AS 8 iii 24).

¹⁴⁶⁸ ^dŠul-gi-i₃-li₂: Ontario 1 74:6 (AS 8 ii 20).

¹⁴⁶⁹ Ur-ni₉: MVN 11 200:11 (AS 8 iii 24).

¹⁴⁷⁰ Wa-ta₂-ru-um saġġa: Ontario 1 74:5 (AS 8 ii 20).

¹⁴⁷¹ erin₂ I-šim-^dŠul-gi: Fs Astour 369:2 (AS 8 iii 13, ugula Nu-i₃-da).

¹⁴⁷² erin₂ I-šur₆^{ki}: Fs Astour 369:8 (AS 8 iii 13, ugula I-ti-ib-ši-na-at).

¹⁴⁷³ erin₂ Maš-kan₂-a-bi₂^{ki}: Fs Astour 369:6 (AS 8 iii 13, ugula Inim-^dNanna).

¹⁴⁷⁴ erin₂ Maš-kan₂-šar-ru-um^{ki}: Fs Astour 369:4 (AS 8 iii 13, ugula Na-ah-šum-BALA).

¹⁴⁷⁵ erin₂ Pu-ut-tu-li-um^{ki}: Fs Astour 369:10 (AS 8 iii 13, ugula Hu-ba-a).

Part 1: Receipt		Part 2: Expenditure	
<i>Animals</i>	<i>Transaction</i>	<i>Animals</i>	<i>Transaction</i>
22 sheep	DIĜIR-su-ra-bi ₂ sipa	5 sheep	U ₂ -ta ₂ -mi-šar-ra-am i ₃ -dab ₅ (=AUCT 1 90)
2 sheep	A-hu-wa-qar ensi ₂	5 sheep	Ta ₂ -hi-iš-a-tal i ₃ -dab ₅
1 sheep	Ur-sa ₆ -sa ₆ -ga ensi ₂	1 gazelle	Lu ₂ -diĝir-ra i ₃ -dab ₅ (=TCL 2 5633)
1 sheep	A-ta ₂ -kal ₂ -šum [u ₄]-da-tuš	6 sheep	ensi ₂ Ka-zal-lu ^{ki} i ₃ -dab ₅
1 gazelle	I ₃ -lal ₃ -lum	10 sheep	I ₃ -lal ₃ -lum
	mu-DU lugal		ša ₃ mu-DU-ra-ta
	ša ₃ -bi-ta		zi-ga lugal

Total: 37 (36 sheep, 1 gazelle)

ki-bi gi₄-a Lugal-amar-ku₃

(Seal impression: Ur-^dBa-u₂ / dub-sar)

This text PDT 1 344 (see Table 2.36), which dates to AS 8 iv 4, belongs to a ki-bi gi₄-a account issued by Lugal-amarku. The first part of the text mentions that Lugal-amarku received 37 animals from deliveries by six individuals, namely Naplanum the Amorite, Ilšu-rabi the shepherd, Atakalšum the jester, Ilallum, and two governors from Išim-Šulgi, Ahuwaqar and Ur-sasaga¹⁴⁷⁶. The second part of the text records that the above mentioned 37 animals were transferred from Lugal-amarku to the following five officials of the affiliated and subordinate bureaus of the Puzriš-Dagan organization: Ahu-Wer, Šu-Mama, Uta-mišaram, Tah(i)š-atal and Lu-diĝira-Ah¹⁴⁷⁷, as well as to two dignitaries, Apilaša the governor of Kazallu and Ilallum. Note that two transfer-texts (i₃-dab₅) issued by Lugal-amarku, AUCT 1 90 and TCL 2 5633, also recorded the same transfers of animals from Lugal-amarku to Uta-mišaram and Lu-diĝira-Ah, respectively.

Table 2.37 The ki-bi gi₄-a-account AUCT 3 483 (AS 8 iv 6)

Part 1: Receipt		Part 2: Expenditure	
<i>Animals</i>	<i>Transaction</i>	<i>Animals</i>	<i>Transaction</i>
3 sheep, 1 lamb	Ha-an-za-ab-tum	[3] sheep	[Na-l]u ₅ i ₃ -dab ₅ (=AUCT 2 223)
1 lamb	Saĝ- ^d Nanna-zu	[10] gazelles	[Lu ₂ -diĝir]-ra i ₃ -dab ₅ (=AUCT 1 636)
10 gazelles	[PN]	[6] oxen šu-gid ₂	[^d E]n-lil ₂ -la ₂ i ₃ -dab ₅ (=ASJ 15 77 2)
	mu-DU lugal	[1] lamb	^d En-lil ₂
6 oxen šu-gid ₂	ki [...- ^d E]N.ZU-ta	[1] lamb	^d Nin-lil ₂
	[ĝiri ₃ ...]-DU or [mu]-DU		[^d E]n-lil ₂ -zi-ša ₃ -ĝal ₂ maškim
	[...]		ša ₃ mu-DU-ra-ta (=AUCT 1 130)
	[ša ₃ mu-DU-ra]-ta		2 zi-ga lugal

¹⁴⁷⁶ In the text under discussion, the two governors are recorded as A-hu-wa-qar ensi₂ and Ur-sa₆-sa₆-ga ensi₂ respectively. They are identified from Išim-Šulgi, on the basis of the paralleled evidences.

¹⁴⁷⁷ This text records the name as Lu₂-diĝir-ra, who was identified as Lu-diĝira-Ah on the basis of the sort of animals (gazelle) he took.

Part 1: Receipt		Part 2: Expenditure	
<i>Animals</i>	<i>Transaction</i>	<i>Animals</i>	<i>Transaction</i>
	[ša ₃]-bi-ta		
Total: 21 (6 oxen, 3 sheep, 2 lambs, 10 gazelles)			
ki-bi gi ₄ -a Lugal-amar-ku ₃ (Seal impression: Ur- ^d Ba-u ₂ / dub-sar)			

The text AUCT 3 483 (see Table 2.37), which dates to AS 8 iv 6, belongs to a ki-bi gi₄-a-account issued by Lugal-amarku. Although the text was heavily damaged, it can almost be restored on the basis of four reduplicated texts recording the same transactions (see the chart below). The first part of the text mentions that Lugal-amarku received 21 animals in the deliveries from three individuals, Hanzabtum, Saĝ-Nannazu and an unnamed person, as well as deliveries from an unnamed person, probably with a ĝiri₃-official. The second part of the text records that the 21 animals were transferred from Lugal-amarku to three officials of the subordinate bureaus of the Puzriš-Dagan organization, as well as for the deities Enlil and Ninlil, deliveries for which (maškim) Enlil-zišaĝal was responsible.

Table 2.38 The ki-bi gi₄-a-account Princeton 2 443 (AS 8 iv 30)

Part 1: Receipt		Part 2: Expenditure	
<i>Animals</i>	<i>Transaction</i>	<i>Animals</i>	<i>Transaction</i>
1 lamb	Ik-šu-dum ¹⁴⁷⁸	3 lambs	mu ensi ₂ Ka-zal-lu ^{ki} -še ₃
1 lamb	E-du-a ¹⁴⁷⁹		Lu ₂ -sa ₆ -ga ¹⁴⁸¹ i ₃ -dab ₅ (=SAT 2 1104:13-18)
1 lamb	KU-KU-uz nu-banda ₃ ¹⁴⁸⁰ mu-DU lugal ša ₃ -bi-ta		
Total: 3 lambs			
ki-bi gi ₄ -a Lugal-amar-ku ₃ (Seal impression: ^d Nanna-ma-ba / dub-sar / dumu U ₂ -na-ap-še-en ₆)			

The text Princeton 2 443 (see Table 2.38), which dates to AS 8 iv 30, also belongs to a ki-bi gi₄-a-account issued by Lugal-amarku. The first part of the text mentions that Lugal-amarku received three animals from royal deliveries by three individuals, Ikšutum, Edua and Kukuz the captain. The second part of the text records that the three animals were transferred from Lugal-amarku to Lu-saga, the official of the subordinate bureaus of the Puzriš-Dagan organization on behalf of Apilaša the governor of Kazallu. The transaction was reduplicated in one text, SAT 2 1104, which contains a number of day date formulae.

¹⁴⁷⁸ For this name, see Lambert 1976-1980, Stol 1991: 203, and Hilgert 2002: 189.

¹⁴⁷⁹ This person delivering animals also occurs in the following records issued by Intaea (In-ta-e₃-a i₃-dab₅) dating to the reign of Šu-Suen: MVN 3 206 (SS 3 iv 24), Babyloniaca 7 pl 21 13 (SS 5 xi) and MVN 3 283 (SS 8 vi 14).

¹⁴⁸⁰ This name is only attested in this text. Its reading is unclear.

¹⁴⁸¹ In the text Princeton 2 443, this name was incorrectly read as Lugal-ša₆-ga. However, from the reduplicated text, SAT 2 1104, the name should be undoubtedly read as Lu₂-sa₆-ga.

Table 2.39 The ki-bi gi₄-a-account SAT 2 1106 (AS 8 v 3)

Part 1: Receipt		Part 2: Expenditure	
<i>Animals</i>	<i>Transaction</i>	<i>Animals</i>	<i>Transaction</i>
2 lamb	Hu-un-nu-um kuš ₇	4 lambs	mu ensi ₂ Zimbir ^{kl} -še ₃
1 lamb	Šu-Eš ₁₈ -tar ₂		Lu ₂ -sa ₆ -ga i ₃ -dab ₅
1 lamb	A-ta ₂ -kal ₂ -šum ¹⁴⁸²		
	mu-DU lugal		
	ša ₃ -bi-ta		
Total: 4 lambs			
ki-bi gi ₄ -a Lugal-amar-ku ₃			
(Seal impression: [PN] / dub-sar / dumu [PN])			

The text SAT 2 1106 (see Table 2.39), which dates to AS 8 v 3, belongs to a ki-bi gi₄-a-account issued by Lugal-amarku. The first part of the text mentions that Lugal-amarku received four animals from royal deliveries by three individuals, Hunnum the chief herdsman, Šu-Eštar and Atakalšum. The second part of the text records that the three animals were transferred from Lugal-amarku to Lu-saga, the official of the subordinate bureaus of the Puzriš-Dagan organization, on behalf of Nur-Dagan the governor of Sippar.

2.3.5 Summary

During the short period between AS 8 i 7 and AS 8 v 5, Lugal-amarku expended (ba-zi) 139 animals for cultic purposes, members of the royal household, different individuals, the E'uzga, the storehouse, feeding dogs and making salted meat. He also transferred (i₃-dab₅) 3,917 animals to bureaus and individuals. However, he received only 99 animals from individual deliveries. The specific number of each animal is given below (see Table 2.40).

Table 2.40 Statistics of the number of the animals disbursed, transferred and received by Lugal-amarku

Transaction	Ox	Sheep	Goat	Wild/Rare	Subtotal
Disbursal	0	96	6	37	139
Transfer	201	3,088	558	70	3,917
Receipt	52	39	6	2	99

It is important to note that there is a large imbalance between the expenditures (ba-zi, i₃-dab₅) and the receipts issued by Lugal-amarku. The number of animals (99) received by Lugal-amarku is far lower than the number he expended (4,056). One reason for this out-of-balance phenomenon is probably that the animals expended by Lugal-amarku were mostly from the receipts of Aba-saga. The period, in which Lugal-amarku provisionally replaced Aba-saga at the “central bureau”, lasted only for about four months. It is likely that a large number of animals

¹⁴⁸² For this name, see Hilgert 2002: 188.

that Aba-saga received from the individual deliveries or additional sources were not expended by Aba-saga, but rather by Lugal-amarku when he was the official of the “central bureau”. Another possible reason for the imbalance is that many administrative tablets that record the receipts of animals issued by Lugal-amarku from individual deliveries or other sources might either have been destroyed in the course of illicit excavations and shipping or they have not yet been published, even if they are already housed in museums or private collections.

2.4 Intaea

The administrative documents issued by Intaea, the official of the “central bureau” of the Puzriš-Dagan organization, date between AS 3 ix 1¹⁴⁸³ and IS 2 xii¹⁴⁸⁴, which spans more than six years during the reign of Amar-Suen. They consist of two periods. The first period dates between AS 3 ix 1 and AS 8 i 19¹⁴⁸⁵, when Intaea was considered to be the associate official of the “central bureau”, or the assistant of Aba-saga. During this period, the primary administrative activity issued by Intaea was that he disbursed (ba-zi) animals for the “kitchen”, which was taken over from Aba-saga and then was replaced by Duga. The second period dates between AS 9 vi 24¹⁴⁸⁶ and AS 9 xii d 30, when Intaea had taken over the post of Aba-saga and was identified as the principal official of the “central bureau” until IS 2 xii, almost coinciding with the end of the Puzriš-Dagan organization. Furthermore, the familial affiliation or connection between Nasa (or Aba-saga, or Lugal-amarku) and Intaea has been unclear¹⁴⁸⁷. The reason why it was Intaea, not Lugal-amarku or other individuals, who succeeded the post of Aba-saga is unknown.

The following discussion will be divided into two sections: the first section dating between AS 3 ix 1 and AS 8 i 19 when Intaea was not considered to be the principal official but the associate official of the “central bureau”, and the second section dating AS 9 vi 24 and AS 9 xii diri 30 when Intaea was considered to be the principal official of the “central bureau”.

2.4.1 Intaea as the associate official of the “central bureau” (AS 3 ix - AS 8 i)

Between AS 3 ix 1 and AS 8 i 19, the administrative activities of Intaea, the associate official of the “central bureau”, can be subdivided into the following categories:

1. The expenditure (ba-zi) of animals for cultic purposes, the “kitchen” and individuals.
2. The expenditure (i₃-dab₅) of animals transferred to bureaus and individuals.
3. Additional administrative activities or records: the expenditure (šu ba-ti) of animals accepted by individuals,

¹⁴⁸³ OrSP 5 47 6 Wengler 21 (AS 3 ix 1). Note that one text partly damaged, AUCT 2 284 dated between AS 2 vii and AS 3 ii, mentions that animals were transferred (i₃-dab₅) from [I]ntaea to [Ur-ku]nuna (as bala-duties) for Ur-Lamma the governor of Girsu and Habaluge the governor of Adab.

¹⁴⁸⁴ Nisaba 8 61 (IS 2 xii, ki-bi gi₄-a). The latest receipt of animals issued by Intaea dates to IS 2 vii 26 (NYPL 13, mu-DU); while the latest transfer of animals issued by Intaea dates to SS 7 ix (MVN 13 646, i₃-dab₅). Moreover, the latest disbursement of animals issued by Intaea dates to SS 6 xii d 26 (MVN 4 97, ba-zi). The administrative documents issued by Intaea dating to the reigns of Šu-Suen and Ibbi-Suen are not considered in this dissertation.

¹⁴⁸⁵ ASJ 4 66 10 (AS 8 i 19). Note that one text SAT 2 1075, dated AS 8 vii 7, mentions that animals were disbursed (ba-zi) from an unnamed official for various purposes. This tablet was totally damaged for the disbursement official (ki [PN]-ta ba-zi), which was restored as ki [In-ta-e₃-a]-ta ba-zi, based on the reconstruction by Sigrist (2000: 304). However, I suggest that the reconstruction should be ki [Ab-ba-sa₆-ga]-ta ba-zi, on the basis of the fact that through rechecking all Drehem texts dated AS 8 vii involving the term ša₃ Uri₅^{ki}-ma “at Ur” (Register 20 of SAT 2 1075), five texts were available, of which three text were issued by Aba-saga: AUCT 1 263 (AS 8 vii, i₃-dab₅), BIN 3 181 (AS 8 vii 3, i₃-dab₅) and PDT 1 353 (AS 8 vii 7, i₃-dab₅); and one text was issued by Ur-šugalama, RA 101 39 6 (AS 8 vii 1, ba-zi); as well as one text was issued by Duga, YOS 18 15 (AS 8 vii 7, ba-zi).

¹⁴⁸⁶ BPOA 7 2623 (AS 9 vi 24).

¹⁴⁸⁷ Weszeli (2005) speculated that Intaea was possibly the son of Lu-Ningirsu, and brother of Ur-kununa and Duga.

the animals sent to the palace, the labels issued by Intaea, and one ki-bi gi₄-a-account and one balanced account (niġ₂-kas₇-ak).

2.4.1.1 The expenditure (ba-zi) of animals

Between AS 3 ix 1 and AS 8 i 19, Intaea expended (ba-zi) animals for cultic purposes (see 2.4.1.1.1), for members of the royal household (see 2.4.1.1.2), for different individuals (see 2.4.1.1.3), for the “kitchen” (see 2.4.1.1.4), for the storehouse (see 2.4.1.1.5), for feeding dogs (see 2.4.1.1.6), and for transferring to bureaus (see 2.4.1.1.7). During this period, the disbursements of animals for the “kitchen” are the most frequent.

2.4.1.1.1 For cultic purposes

Between AS 3 x 30 and AS 7 xii, Intaea expended (ba-zi) animals for the following deities: Allatum¹⁴⁸⁸, An¹⁴⁸⁹, Annunitum¹⁴⁹⁰, Enki¹⁴⁹¹, Enlil¹⁴⁹², Gula¹⁴⁹³, Inana¹⁴⁹⁴, Iškur¹⁴⁹⁵, Nana’a¹⁴⁹⁶, Ninhursaġ¹⁴⁹⁷ and Ninlil¹⁴⁹⁸. Also, he expended (ba-zi) animals for Hursaġgalama¹⁴⁹⁹ and for the throne of Enlil¹⁵⁰⁰.

2.4.1.1.2 For members of the royal household

Between AS 3 x 30 and AS 6 x 14, Intaea expended (ba-zi) animals for three sons of the king Amar-Suen: Inim-Nanna¹⁵⁰¹, Ur-Bau¹⁵⁰² and Ur-Ištaran¹⁵⁰³.

2.4.1.1.3 For different individuals

Between AS 3 ix 28 and AS 7 xii, Intaea expended (ba-zi) animals for 26 individuals and a group of prisoners of war¹⁵⁰⁴. The 26 individuals are:

¹⁴⁸⁸ dAl-la-tum: CDLJ 2009/2 4.4:8 (AS 3 X 10).

¹⁴⁸⁹ An: CDLJ 2009/2 4.4:1 (AS 3 X 10, siskur₂ ki dIškur “siskur-rite to the place of Iškur”); AAICAB 1/4 Bod S 322 (AS 4 ix diri 24, kaš-de₂-a dInana “banquet for Inana”).

¹⁴⁹⁰ An-nu-ni-tum: AUCT 2 89:2 (AS 7 i); Erm 07610:1 (AS 7 xi); TRU 333:2 (AS 7 xii).

¹⁴⁹¹ dEn-ki: CDLJ 2009/2 4.4:3 (AS 3 X 10, siskur₂ ki dIškur);

¹⁴⁹² dEn-lil₂: CDLJ 2009/2 4.4:4 (AS 3 X 10, siskur₂ ki dIškur); CDLJ 2009/2 4.4:12 (AS 3 X 10); PDT 1 120:1 (AS 5 i 20);

¹⁴⁹³ dGu-la: BIN 3 68:2 (AS 3 x 30); TRU 330:2 (AS 3 xii); StLouis 124:1 (AS 4 xii); PDT 1 439:2 (AS 5 iii).

¹⁴⁹⁴ dInana: AAICAB 1/4 Bod S 322:3,7-8 (AS 4 ix m 24, kaš-de₂-a dInana).

¹⁴⁹⁵ dIškur: CDLJ 2009/2 4.4:2 (AS 3 X 10, siskur₂ ki dIškur).

¹⁴⁹⁶ dNa-na-a: AAICAB 1/4 Bod S 322:5 (AS 4 ix m 24, kaš-de₂-a dInana).

¹⁴⁹⁷ dNin-hur-saġ: CDLJ 2009/2 4.4:6 (AS 3 X 10, siskur₂ ki dIškur).

¹⁴⁹⁸ dNin-lil₂: CDLJ 2009/2 4.4:5 (AS 3 X 10, siskur₂ ki dIškur); PDT 1 120:2 (AS 5 i 20).

¹⁴⁹⁹ [Hur]-saġ-ga-[lam]-ma: CDLJ 2009/2 4.4:13 (AS 3 X 10).

¹⁵⁰⁰ dgu-za dEn-lil₂-[la₂]: CDLJ 2009/2 4.4:14 (AS 3 X 10).

¹⁵⁰¹ Inim-dNanna dumu lugal: BIN 3 68:4-5 (AS 3 x 30); TRU 330:4-5 (AS 3 xii); StLouis 124:3 (AS 4 xii).

¹⁵⁰² Ur-dBa-u₂ dumu lugal: MVN 3 232:3-4 (AS 6 x 14).

¹⁵⁰³ Ur-dIštaran dumu lugal: SACT 1 153:3 (AS 4 viii).

¹⁵⁰⁴ mu saġ nam-ra-ak-ne-še₃: PDT 2 1155:9 (AS 4 viii 22).

Foreigners:	MURteli (of Babylon) ¹⁵⁰⁵ , Badatina of Šimaški ¹⁵⁰⁶ , Šu-Dagan of Mari ¹⁵⁰⁷
Amorites:	Amar-Suen-ili ¹⁵⁰⁸ , Lau-alum ¹⁵⁰⁹ , Mannum-ili (the chief herdsman) ¹⁵¹⁰ , Nukranum ¹⁵¹¹ , Šulgi-ili ¹⁵¹²
Female musician:	Ama-nidu ¹⁵¹³ , Atuki ¹⁵¹⁴ , Eštar-imti ¹⁵¹⁵ , Gagutum ¹⁵¹⁶ , Ninšugigi ¹⁵¹⁷ , Šibuzri ¹⁵¹⁸
Other titles:	Dada the lamentation singer ¹⁵¹⁹ , Iddin-Adad the courier ¹⁵²⁰ , Nagudu the jester ¹⁵²¹ , Šu-Enlil the scribe ¹⁵²² , Ubartum the doctor ¹⁵²³ , the <i>en</i> -priestess of Nanna ¹⁵²⁴
Without titles:	Bazallum ¹⁵²⁵ , Kinašasal ¹⁵²⁶ , Kurtamugi ¹⁵²⁷ , Piruruti ¹⁵²⁸ , Uta-mišaram ¹⁵²⁹ , Zebi ¹⁵³⁰

2.4.1.1.4 For the “kitchen”

Between AS 3 ix 1 and AS 8 i 19, Intaea, who replaced Aba-saga¹⁵³¹, expended (ba-zi) animals for the “kitchen”.

2.4.1.1.4.1 Between AS 3 ix 1 and AS 7 xii 27, Intaea expended (ba-zi) animals designated as the šu-gid-contingent for the “kitchen”¹⁵³².

¹⁵⁰⁵ MUR₇-te-li: SA 2:6 (AS 5 x 18). This person must be identical with the governor of Babylon. For another suggested reading SIG₄-te-li or Ši_x-te-li, see Owen 1988:118.

¹⁵⁰⁶ Ba-da-ti-[na] LU₂.SU^{ki}: PDT 2 1120:12 (AS 4 ii 2).

¹⁵⁰⁷ Šu-^dDa-gan lu₂ Ma-ri₂^{ki}: SA 2:4 (AS 5 x 18).

¹⁵⁰⁸ ^dAmar-^dEN.ZU-i₃-li₂: Ontario 1 97:3 (AS 5 vi 18, u₄ mar-tu šeš-a-ne-ne kaš in-na-ni-de₂-eš₂-a “when Amorites poured beer for their brothers”).

¹⁵⁰⁹ La-u₃-a-lum mar-tu: NYPL 243:2 (AS 5 x 19).

¹⁵¹⁰ Ma-an-nu-um-i₃-li₂ kuš₇: Ontario 1 97:2 (AS 5 vi 18, u₄ mar-tu šeš-a-ne-ne kaš in-na-ni-de₂-eš₂-a).

¹⁵¹¹ Nu-uk-ra-nu-um mar-tu: SACT 1 148:3 (AS 4 i 8).

¹⁵¹² ^dŠul-gi-i₃-li₂: Ontario 1 97:1 (AS 5 vi 18, u₄ mar-tu šeš-a-ne-ne kaš in-na-ni-de₂-eš₂-a).

¹⁵¹³ Ama-ni-du₁₀ <nar-munus lu₂ ^{šis}tigidlu>: PDT 2 1120:5,7 (AS 4 ii 2, e₃-lu-num₂-še₃). Note: For the term e₃-lu-num₂ “(a kind of festival)”, see Sigrist 1992: 243. For the term ^{šis}tigidlu “(a kind of musical instrument)”, see Civil 1987a, and Veldhuis 1997-1998: 123-124.

¹⁵¹⁴ A-tu-ki <nar-munus lu₂ ^{šis}tigidlu>: PDT 2 1120:2,7 (AS 4 ii 2, e₃-lu-num₂-še₃).

¹⁵¹⁵ Eš₁₈-tar₂-im-ti <nar-munus lu₂ ^{šis}tigidlu>: PDT 2 1120:4,7 (AS 4 ii 2, e₃-lu-num₂-še₃).

¹⁵¹⁶ Ga-gu-tum <nar-munus lu₂ ^{šis}tigidlu>: PDT 2 1120:1,7 (AS 4 ii 2, e₃-lu-num₂-še₃).

¹⁵¹⁷ Nin-šu-gi₄-gi₄ <nar-munus lu₂ ^{šis}tigidlu>: PDT 2 1120:6-7 (AS 4 ii 2, e₃-lu-num₂-še₃).

¹⁵¹⁸ Ši-bu-uz-ri / nar-munus lu₂ ^{šis}tigidlu>: PDT 2 1120:3,7 (AS 4 ii 2, e₃-lu-num₂-še₃).

¹⁵¹⁹ Da-da gala: BIN 3 528:2-3 (AS 3 x 25); NYPL 243:4 (AS 5 x 19, ni^š₂-dab₅ ^dEn-ki Eridu^{ki}-še₃ du-ni “bringing things for Enki when he went to Eridu”).

¹⁵²⁰ I-din-^dIškur sukkal dumu Lu₂-^dUtu: TRU 331:3-5 (AS 4 v 8). Lu-Utu was probably a member of the royal household (see Frayne 1997: xxxviii).

¹⁵²¹ Na-gu-du u₄-da-tuš: NYPL 194:1 (AS 3 x 25).

¹⁵²² Šu-^dEn-lil₂ dub-sar: BPOA 7 2021:2-3 (AS 4 xii 29, u₄ tu-ra i₃-me-a “when he was ill”).

¹⁵²³ U-bar-tum a-zu: Ontario 1 98:2 (AS 7 xii). Other references to U-bar-tum a-zu are NYPL 221, SAT 3 1186 and SAT 3 1316.

¹⁵²⁴ en ^dNanna: OIP 121 376:3-5 (AS 5 i 1).

¹⁵²⁵ Ba-zal-lum: CST 346:1 (AS 6 x 10).

¹⁵²⁶ Ki-na-ša-sal: PDT 2 1120:10 (AS 4 ii 2).

¹⁵²⁷ Kur-ta-mu-gi₄: SA 2:1 (AS 5 x 18).

¹⁵²⁸ Pi-ru-ru-ti: PDT 2 1120:11 (AS 4 ii 2). Other references to this name are AnOr 7 102, AUCT 1 45, OIP 115 321, Ontario 1 27 and RA 49 88 12.

¹⁵²⁹ U₂-ta₂-mi-šar-ra-am: OIP 121 370:2 (AS 4 vi 6).

¹⁵³⁰ Ze₂-bi: AAICAB 1/4 Bod S 322:11 (AS 4 ix diri 24, bala Za-ri₂-iq ensi₂ Šušin^{ki} “bala-duty of Zariq the governor of Susa”). One text from Girsu (SAT 1 160) mentions Ze₂-bi u₄-da-tuc Šušin^{ki}-ta “(animals) for Zebi the jester from Susa”. Another text from Drehem (Nisaba 8 44) mentions two sheep for Zebi and nine sheep for Ur-dam the jester. Based on this, it is assumed that the person Zebi is probably identified as the jester and related to Susa.

¹⁵³¹ See Section 2.2.1.5.

¹⁵³² šu-gid₂ e₂ muhaldim-(še₃): OrSP 5 47 6 Wengler 21:7 (AS 3 ix 1); PDT 1 71:4 (AS 3 ix 25); MVN 4 115:4 (AS 3 x 3); NYPL 194:7 (AS 3 x 25); TCND 236:3 (AS 3 x 29); Orient 16 46 26:5 (AS 3 xi 24); OIP 121 366:6 (AS 3 xi

2.4.1.1.4.2 Between AS 3 ix 8 and AS 3 xi 2, Intaea expended (ba-zi) animals for the “kitchen”¹⁵³³.

2.4.1.1.4.3 In AS 3 x 10, Intaea expended (ba-zi) animals designated as the šu-gid-contingent to the “kitchen” for the *ersua*-festival¹⁵³⁴.

2.4.1.1.4.4 Between AS 3 xi 19 and AS 6 vii 25, Intaea expended (ba-zi) animals designated as the šu-gid-contingent to the “kitchen” for soldiers¹⁵³⁵.

2.4.1.1.4.5 In AS 3 xii 18, Intaea expended (ba-zi) animals designated as the šu-gid-contingent to the “kitchen” for the banquet of the son-in-lawship of Šeluš-Dagan¹⁵³⁶.

2.4.1.1.4.6 Between AS 4 vi 22 and AS 7 xii 27, Intaea expended (ba-zi) dead animals for the “kitchen”¹⁵³⁷.

2.4.1.1.4.7 In AS 4 vii 1, Intaea expended (ba-zi) animals designated as the šu-gid-contingent to the “kitchen” for the *akiti*- and *šunumun*-festivals¹⁵³⁸.

2.4.1.1.4.8 Between AS 4 vii 5 and AS 8 i 19, Intaea expended (ba-zi) animals designated as

25); OIP 121 367:4 (AS 3 xi); SACT 1 147:4 (AS 3 xi diri 28); SACT 1 146:4 (AS 3 xii 20); BIN 3 528:7 (AS 3 xii 27); TCND 237:4 (AS 4 i 12); TCND 238:3 (AS 4 i 15); TCND 239:4 (AS 4 i 18); OIP 121 368:4 (AS 4 i 20+); PDT 2 1120:16 (AS 4 ii 2); Nisaba 8 136:3 (AS 4 iii 6); OrSP 18 pl.6 19:3 (AS 4 iii 17); OIP 121 369:2 (AS 4 v 5); MVN 13 545:2 (AS 4 v 17); Ontario 1 96:4 (AS 4 vi 2); SACT 1 150:3-4 (AS 4 vi 3); Nisaba 8 155:5 (AS 4 vi 12); Nisaba 8 129:6 (AS 4 vi 14); TCND 240:6 (AS 4 vi 17); AUCT 1 679:5,7 (AS 4 vi 27); PDT 1 360:5 (AS 4 viii 9); SACT 1 167:5 (AS 4 viii 19); PDT 2 1155:7 (AS 4 viii 22); OIP 121 373:5,7 (AS 4 viii 24); MVN 20 183:3,7 (AS 4 ix 2); TCND 258:5 (AS 4 ix 5); Erm 07757:6,8 (AS 4 ix 6); BPOA 6 570:5,10 (AS 4 ix 12); MVN 15 24:6 (AS 4 ix 20); Hirose 174:5 (AS 4 ix 25); OIP 121 375:6 (AS 4 ix 26); OIP 121 378:4 (AS 5 ii 7); OIP 121 379:4,8 (AS 5 ii 8); Erm 07912:7 (AS 5 ii 9); OIP 121 380:4,7 (AS 5 ii 17); OIP 121 381:4,6 (AS 5 ii 20); OIP 121 382:3-4 (AS 5 ii 25); OIP 121 383:3 (AS 5 ii 26); OIP 121 385:3 (AS 5 iii 6); OIP 121 386:2,5 (AS 5 iii 7); OIP 121 391:3 (AS 5 iii 28); OIP 121 392:4 (AS 5 iv 19); OIP 121 394:3 (AS 5 v 21); OIP 121 396:2 (AS 5 vi 4); Ontario 1 97:10 (AS 5 vi 18); OIP 121 399:5 (AS 5 vii 23); BIN 3 117:4,8 (AS 5 vii 25); OIP 121 401:1,3 (AS 5 ix 8); OIP 121 402:3,8 (AS 5 ix 14); SA 38:3 (AS 5 ix 22); NYPL 243:8 (AS 5 x 19); OIP 121 407:5,8 (AS 5 xi 20); OIP 121 409:5,9 (AS 5 xi 25); Ontario 1 49:5,10 (AS 5 xi 26); AUCT 2 234:4,8 (AS 5 xi 28); OIP 121 410:1,5 (AS 6 i 10); UCP 9-2-2 13:4 (AS 6 iii 14); ASJ 7 124 20:4 (AS 6 vii 21); BPOA 7 1815:5,7 (AS 6 vii 28); PDT 2 1091:5 (AS 6 x 9); Erm 14854:4,7 (AS 7 i 20); Nisaba 8 199:3,5 (AS 7 i 29); BPOA 7 2510:4-5 (AS 7 vii 5); OIP 121 412:4,8 (AS 7 viii 1); Ontario 1 126:3,6 (AS 7 ix 9); Fs Pettinato 43 5:2,6 (AS 7 x 13); PDT 1 108:3 (AS 7 xi 16); Erm 07911:4,7 (AS 7 xii 27).

¹⁵³³ e₂ muhaldim-(še₃): CDLB 2010/1 1:2 (AS 3 ix 8); BIN 3 63:4 (AS 3 xi 2).

¹⁵³⁴ šu-gid₂ e₂ muhaldim, mu er₂-su₃-a-še₃: TCND 235:4-5 (AS 3 x 10). For the term er₂-su₃-a, see Sigrist 1992: 173-176 and Sallaberger 1993: 191.

¹⁵³⁵ šu-gid₂ e₂ muhaldim-še₃, mu aga₃-us₂-e-ne-še₃: OIP 121 365:5-6 (AS 3 xi 19); Erm 07632:4,7 (AS 4 viii 13); MVN 5 115:9-10 = SAT 2 913:9-10 (AS 6 vii 25).

¹⁵³⁶ šu-gid₂ e₂ muhaldim, mu kaš-de₂-a nam-mussa^{sa2} Še-lu-uš^d-Da-gan-še₃: ASJ 4 66 9:5-7 (AS 3 xii 18). For the translation of this clause, also see Wilcke 1988b:13 „für die Küche. Wegen des Bierausschenkens anlässlich des Status als Schwiegersohn von Šilluš-Dagān“.

¹⁵³⁷ ba-uš₂/ug₇ e₂ muhaldim-(še₃): SACT 1 151:4-5 (AS 4 vi 22); AUCT 1 679:7 (AS 4 vi 27); OIP 121 373:6-7 (AS 4 viii 24); MVN 20 183:6-7 (AS 4 ix 2); Erm 07757:7-8 (AS 4 ix 6); SACT 1 168:7-8 (AS 4 ix 11); BPOA 6 570:10 (AS 4 ix 12); CST 505:6-7 (AS 4 ix 17); Nisaba 8 195:4-5 (AS 4 ix 19); Erm 07899:5 (AS 4 xii 23); OIP 121 377:4 (AS 5 ii 2); OIP 121 379:7-8 (AS 5 ii 8); OIP 121 380:6-7 (AS 5 ii 17); OIP 121 381:5-6 (AS 5 ii 20); OIP 121 384:2 (AS 5 iii 5); OIP 121 386:4-5 (AS 5 iii 7); OIP 121 387:4-5 (AS 5 iii 13); OIP 121 389:2 (AS 5 iii 18); OIP 121 398:5 (AS 5 vi 12); BIN 3 117:7-8 (AS 5 vii 25); OIP 121 400:1-2 (AS 5 ix 6); OIP 121 401:2-3 (AS 5 ix 8); OIP 121 402:7-8 (AS 5 ix 14); OIP 121 403:3-4 (AS 5 xi 3); PDT 2 1001:6-7 (AS 5 xi 17); OIP 121 406:7 (AS 5 xi 18); OIP 121 407:7-8 (AS 5 xi 20); OIP 121 408:5-6 (AS 5 xi 22); OIP 121 409:8-9 (AS 5 xi 25); Ontario 1 49:9-10 (AS 5 xi 26); AUCT 2 234:7-8 (AS 5 xi 28); OIP 121 410:4-5 (AS 6 i 10); BPOA 7 1815:6-7 (AS 6 vii 28); CST 346:9-10 (AS 6 x 10+); Erm 14854:6-7 (AS 7 i 20); Nisaba 8 199:4-5 (AS 7 i 29); BCT 1 80:4-5 (AS 7 ii 3); Nisaba 8 217:2-3 (AS 7 vii 26); OIP 121 412:7-8 (AS 7 viii 1); Ontario 1 126:5-6 (AS 7 ix 9); Nisaba 8 314:4 (AS 7 ix 20); Fs Pettinato 43 5:5-6 (AS 7 x 13); Nisaba 8 168:3-4 (AS 7 xi 15); Erm 07911:6-7 (AS 7 xii 27).

¹⁵³⁸ šu-gid₂ e₂ muhaldim, ša₃ a₂-ki-ti šu-numun: OIP 121 371:7 (AS 4 vii 1).

the šu-gid-contingent to the “kitchen”. These animals were loaded on a boat, when the king went to Gaeš¹⁵³⁹, Nippur¹⁵⁴⁰ and Urusağrig¹⁵⁴¹.

2.4.1.1.4.9 In AS 4 viii 13, Intaea expended (ba-zi) animals designated as the šu-gid-contingent to the “kitchen” for the captains having come from a (military) campaign¹⁵⁴².

2.4.1.1.4.10 In AS 6 vii 25, Intaea expended (ba-zi) animals designated as the šu-gid-contingent to the “kitchen” for the soldiers having come from a (military) campaign¹⁵⁴³.

2.4.1.1.4.11 In AS 7 viii 10, Intaea expended (ba-zi) animals designated as the šu-gid-contingent to the “kitchen” for the officers (nu-banda₃) and the GAR₃.DU people of Amar-Suen having come from a (military) campaign¹⁵⁴⁴.

2.4.1.1.4.12 In AS 7 viii 10, Intaea expended (ba-zi) both animals designated as the šu-gid-contingent and dead animals to the “kitchen” for the GAR₃.DU people¹⁵⁴⁵.

2.4.1.1.4.13 In AS 4 vii 19, Intaea also expended (ba-zi) animals designated as the šu-gid-contingent. These animals which were cooked in the oven were loaded on a boat, when the king went to Ur¹⁵⁴⁶.

Note that after AS 8 i 19, the disbursement of animals for the “kitchen” was shifted from Intaea to Duga who was also considered to be an associate official of the “central bureau”¹⁵⁴⁷.

2.4.1.1.5 For the storehouse

Between AS 3 ix 23 and AS 6 vii 25, Intaea expended (ba-zi) dead animals for the storehouse¹⁵⁴⁸.

2.4.1.1.6 For feeding dogs

2.4.1.1.6.1 Between AS 3 x 30 and AS 7 xii, Intaea expended (ba-zi) dead animals for feeding dogs. The animals were accepted (šu ba-ti) by four herders of dogs: Ilum-bani¹⁵⁴⁹, Išme-ilum¹⁵⁵⁰,

¹⁵³⁹ šu-gid₂ e₂ muhaldim-še₃, lugal Ga-eš^{ki}-še₃ du-ni ma₂-a ba-na-a-ğa₂-ar: MVN 8 221:4 (AS 4 vii 5).

¹⁵⁴⁰ šu-gid₂ e₂ muhaldim-še₃, lugal Nibru^{ki}-še₃ du-ni ma₂-a ba-a-ğar/ğa₂-ar: PDT 1 478:6-8 (AS 4 xii 20); ASJ 4 66 10:7-8 (AS 8 i 19).

¹⁵⁴¹ šu-gid₂ e₂ muhaldim, lugal Uru-sağ-rig^{ki}-še₃ du-ni ma₂-a ba-a-ğa₂-ar: OIP 121 404:2-4 (AS 5 xi 7).

¹⁵⁴² šu-gid₂ e₂ muhaldim-še₃, mu nu-banda₃ kaskal-ta er-ra-ne-še₃: Erm 07632:6-7 (AS 4 viii 13).

¹⁵⁴³ šu-gid₂ e₂ muhaldim-še₃, mu aga₃-us₂ kaskal-ta er-ra-ne-še₃: MVN 5 115:5,10 = SAT 2 913:5,10 (AS 6 vii 25).

¹⁵⁴⁴ šu-gid₂ e₂ muhaldim-še₃, mu nu-banda₃ u₃ gar₃-du^d Amar-^dEN.ZU kaskal-ta er-ra-ne-še₃: TRU 334:3-4,12 (AS 7 viii 10). For the phrase GAR₃.DU, see Hilgert 2003: 21-24.

¹⁵⁴⁵ šu-gid₂ ba-ug₇ e₂ muhaldim-še₃, mu gar₃-du-e-ne-še₃: TRU 334:7,10-12 (AS 7 viii 10).

¹⁵⁴⁶ šu-gid₂ gir₄-ta ba-šeg₆, lugal Uri^{ki}-še₃ du-ni ma₂-a ba-a-ğar: OIP 121 p.52:5-7 (AS 4 vii 19). For this clause, see Hilgert 2003: 52.

¹⁵⁴⁷ For Duga, see Chapter 2.5.

¹⁵⁴⁸ ba-uš₂/ug₇ e₂-kišib-ba-še₃: Hirose 143:2 (AS 3 ix 23); MVN 13 71:3 (AS 3 xii 6); TCND 237:7 (AS 4 i 12); OIP 121 372:3 (AS 4 viii 20); TRU 332:7 (AS 4 x 3); OIP 121 388:2 (AS 5 iii 14); OIP 121 390:1-2 (AS 5 iii 23); OIP 121 393:2 (AS 5 iv 21); OIP 121 395:1-2 (AS 5 v 24); OIP 121 396:4 (AS 5 vi 4); OIP 121 397:1-2 (AS 5 vi 6); OIP 121 404:8 (AS 5 xi 7); OIP 121 405:6 (AS 5 xi 15); PDT 1 505:5-6 (AS 5 xi 29); MVN 5 115:11 = SAT 2 913 (AS 6 vii 25);

¹⁵⁴⁹ ba-uš₂/ug₇ mu ur-ra-še₃, DIGIR-ba-ni sipa ur-ra šu ba-ti: BIN 3 68:8-9 (AS 3 x 30).

¹⁵⁵⁰ ba-uš₂/ug₇ mu ur-gir₁₅-ra-še₃, Iš-me-DIGIR sipa ur-(gir₁₅-ra-ke₄) šu ba-ti: TRU 330:7-8 (AS 3 xii); StLouis

Puzur-Enlil¹⁵⁵¹ and Šu-ili¹⁵⁵².

2.4.1.1.6.2 In AS 3 xi, Intaea expended (ba-zi) animals for feeding dogs. These animals were received (i₃-dab₅) by Ilati the herder of dogs¹⁵⁵³.

2.4.1.1.7 Transferring to bureaus

In AS 7, Intaea expended (ba-zi) animals which were transferred (i₃-dab₅) to Nur-Suen¹⁵⁵⁴.

Furthermore, one label dated AS 4 with the term E₂^{tum} “house” records that Intaea expended (ba-zi) dead animals accepted (šu ba-ti) by Nur-Suen, which was sealed (kišib) by Lugal-itida¹⁵⁵⁵.

2.4.1.1.8 The ĝiri₃, maškim or/and ugula officials

Between AS 3 ix 1 and AS 8 i 19, the ĝiri₃ or/and maškim officials, who were responsible for the disbursements (ba-zi) of animals by Intaea, are listed below (see Table 2.41):

Table 2.41 _ Distribution of ĝiri₃ or/and maškim officials responsible for the disbursals of animals by Intaea (AS 3 – AS 8)

ĝiri ₃ /maškim	Cultic	Royal	Individuals	Kitchen	Storehouse	Dogs	Transfer
A-a-kal-la muhaldim			x				
A-ab-ba-mu kuš ₇			y				
A-hu-šu-ni sukkal			y				
A-na-ti sukkal			y				
Arad ₂ -ĝu ₁₀	x	x	x	x		x	
Be-li ₂ -i ₃ -li ₂ ra ₂ -gaba			y				
Bur-Ma-ma sukkal			y				
DIĜIR-ba-ni sukkal			y				
DIĜIR-dan sukkal				x			
En- ^d Nanše-ki-aĝ ₂ sagi	x						
I-la-ag-ra-am sukkal			y				
I ₃ -lal ₃ -lum			z			z	
Lu ₂ - ^d En-ki sukkal			y				
Ma-šum aga ₃ -us ₂			y				
Na-we-er-DIĜIR						z	

124:4-7 (AS 4 xii); PDT 1 439:5-6 (AS 5 iii).

¹⁵⁵¹ ba-uš₂/ug₇ mu ur-(gir₁₅)-ra-še₃, PU₃.ŠA-^dEn-lil₂ sipa ur-(gir₁₅)-ra-ke₄ šu ba-ti: AUCT 2 89:6-10 (AS 7 i); Erm 07610:3-6 (AS 7 xi); TRU 333:5-7 (AS 7 xii).

¹⁵⁵² ba-uš₂/ug₇ mu ur-gir₁₅-ra-še₃, Šu-i₃-li₂ sipa ur-gir₁₅-ra-ke₄ šu ba-ti: SACT 1 147:6-8 (AS 3 xi diri 28); TRU 330:11-12 (AS 3 xii).

¹⁵⁵³ ur-gir₁₅-re gu₇-de₃ I₃-la-ti sipa ur-gir₁₅-re-ke₄ i₃-dab₅; OIP 121 367:7-9 (AS 3 xi).

¹⁵⁵⁴ Nu-ur₂-^dEN.ZU i₃-dab₅; OIP 121 413:3 (AS 7).

¹⁵⁵⁵ ba-uš₂/ug₇ Nu-ur₂-^dEN.ZU šu ba-ti: BRM 3 41:3-5 (AS 4 i-xii diri).

ĝiri ₃ /maškim	Cultic	Royal	Individuals	Kitchen	Storehouse	Dogs	Transfer
Nam-ha-ni sukkal				x			
Ri-iš-DIĜIR ra ₂ -gaba		x					
Še-le-pu-tum			x				
Šeš-kal-la			z				
Ur-tur			y				
^d Utu-du ₁₀ ra ₂ -gaba			x				

2.4.1.1.9 Formulary

The following 38 types of text formulae are attested in the disbursements of animals by Intaea for cultic purposes (bazi A34, A37), for members of the royal household (bazi B1, B9, B20), for different individuals (bazi C7, C29-C39), for the “kitchen” (bazi E1-E2, E5, E12-E24), for the storehouse (bazi F1), for feeding dogs (bazi H4, H8-H9), and for other purposes (bazi K2), between AS 3 ix 1 and AS 8 i 19 (see Table 2.42).

Table 2.42 Formulae attested in the disbursals of animals by Intaea (AS 3 – AS 8)

Type	Component	Formula	Commentary	Example
bazi A34	1-2-7	S, sa ₂ -du ₁₁ DN ša ₃ GN	animals as regular offering for one deity at GN	BIN 3 68:1-3
bazi A37	1-2-3-4	<u>S, DN</u> ša ₃ mu-DU nam-ra-ak uru DN PN maškim	animals among the deliveries as the booty of a place with one maškim official for one individual	PDT 1 120:1-4
bazi B1	1-2	S sa ₂ -du ₁₁ PNr	animals as regular offering for one royal member	BIN 3 68:4-5
bazi B9	1-2-7-4	S, niĝ ₂ -mussa ^{sa2} PNr e ₂ PN-še ₃ PN maškim	animals as the “betrothal gift” of the royal member, to a place, with one maškim official	MVN 3 232:1-5
bazi B20	1-2-4	S, PNr PN maškim	animals with one maškim official for one royal member	SACT 1 153:1-4
bazi C7	1-2-4	S, PN PN maškim	animals with one maškim official for one individual	NYPL 194:1-2
bazi C29	1-2-9-5	S, PN u ₄ GN-še ₃ i ₃ -ĝen-na ĝiri ₃ PN1	animals with one ĝiri ₃ official for one individual when he/she went to GN	BIN 3 528:1-4
bazi C30	1-2-5-6-4	S, PN ĝiri ₃ PN	animals with one overseer, one ĝiri ₃ official and one maškim	SACT 1 148:1-6

Type	Component	Formula	Commentary	Example
		ugula PN PN maškim	official for one individual	
bazi C31	1-2-8-5	S, PN T-me e ₃ -lu-num ₂ -še ₃ ġiri ₃ PN	animals with one ġiri ₃ official for more individuals for <i>elunum</i>	PDT 2 1120:1-9
bazi C32	1-2-7-5-4	S, niġ ₂ -mussa ^{sa2} PN1 e ₂ PN2-še ₃ ġiri ₃ PN3 PN4 maškim	animals as the “betrothal gift” of PN1, to a place, with one ġiri ₃ official and one maškim official	TRU 331:1-7
bazi C33	1-2-5-6	S, mu saġ nam-ra-ak-še ₃ ġiri ₃ PN1 ugula PN2	animals for the prisoners of war, with one ġiri ₃ official and one overseer	PDT 2 1155:8-11
bazi C34	1-2-9-4	S, PN1 u ₄ tu-ra i ₃ -me-a PN2 maškim	animals for PN1 when he/she was ill, with one maškim official	BPOA 2021:1-4 7
bazi C35	1-2-7-4-7	S maš ₂ -da-re-a lugal ki PN1-še ₃ ša ₃ e ₂ -amaš DN PN maškim ša ₃ GN	animals as royal mašdarea-contingent for place of PN1, at the sheepfold of DN, with one maškim official at GN	OIP 121 376:1-8
bazi C36	1-2-9-5-4	S, PN u ₄ mar-tu šeš-a-ne-ne kaš in-na-ni-de ₂ -eš ₂ -a ġiri ₃ PN1 PN2 maškim	animals for PN when their Amorite brothers took a banquet, with one ġiri ₃ official and one maškim official	Ontario 1 97:1-6
bazi C37	1-2-5-4	S, PN ġiri ₃ PN1 PN2 maškim	animals with one ġiri ₃ official and one maškim official for PN	SA 2:1-3
bazi C38	1-2-9-5-4	S, PN u ₄ nam-erim ₂ in-ku ₅ -ra ₂ -a ġiri ₃ PN1 PN2 maškim	animals for PN when he/she took an oath, with one ġiri ₃ official and one maškim official	SA 2:6-8*
bazi C39	1-2-9-4	S, PN niġ ₂ -dab ₅ DN-še ₃ du-ni PN maškim	animals for PN as product for DN, (when) he/she went to GN, with one maškim official	NYPL 243:4-6
bazi E1	1-2	S šu-gid ₂ e ₂ muhaldim-še ₃	animals with the šu-gid-contingent for the “kitchen”	TCND 236: 1-3
bazi E2	1-2	S šu-gid ₂ S ba-uš ₂ /ug ₇	animals with the šu-gid-contingent and dead animals for	OIP 121 373:1-7

Type	Component	Formula	Commentary	Example
		e ₂ muhaldim-še ₃	the “kitchen”	
bazi E5	1-2-4	S šu-gid ₂ e ₂ muhaldim-še ₃ PN maškim	animals as the šu-gid-contingent with one maškim official for the “kitchen”	PDT 1 71:1-5
bazi E12	1-2	S e ₂ muhaldim-še ₃	animals for the “kitchen”	CDLB 2010/1 1:1-2
bazi E13	1-2	S ba-uš ₂ /ug ₇ e ₂ muhaldim-še ₃	dead animals for the “kitchen”	SACT 1 151:1-5
bazi E14	1-2-4	S šu-gid ₂ e ₂ muhaldim mu er ₂ -su ₃ -a-še ₃ PN maškim	animals with the šu-gid-contingent to the “kitchen” for the <i>ersua</i> -festival	TCND 235:1-6
bazi E15	1-2-4	S šu-gid ₂ e ₂ muhaldim ša ₃ a ₂ -ki-ti šu-numun PN maškim	animals with the šu-gid-contingent to the “kitchen” for the <i>akiti</i> - and <i>šunumun</i> -festivals	OIP 121 371:1-9
bazi E16	1-2-7	S šu-gid ₂ e ₂ muhaldim-še ₃ ša ₃ GN	animals with the šu-gid-contingent to the “kitchen” at GN	NYPL 194:3-8
bazi E17	1-2-7-4	S šu-gid ₂ e ₂ muhaldim mu aga ₃ -us ₂ -e-ne-še ₃ ša ₃ GN PN maškim	animals as the šu-gid-contingent with one maškim official to the “kitchen” for the soldiers at GN	OIP 121 365:1-8
bazi E18	1-2-4	S šu-gid ₂ e ₂ muhaldim mu kaš-de ₂ -a nam- mussa ^{sa2} PN-še ₃ PN1 maškim	animals as the šu-gid-contingent with one maškim official to the “kitchen” for the banquet of the son-in-lawship of PN	ASJ 4 66 9:1-8
bazi E19	1-2-4	S šu-gid ₂ e ₂ muhaldim lugal GN-še ₃ du-ni ma ₂ -a ba-a-ĝa ₂ -ar PN maškim	animals as the šu-gid-contingent with one maškim official for the “kitchen”, when the king went to GN, they (=animals) were loaded on a boat	OIP 121 404
bazi E20	1-2-4-7	S šu-gid ₂ e ₂ muhaldim-še ₃ mu aga ₃ -us ₂ -e-ne-še ₃ lugal GN-še ₃ du-ni ma ₂ -a ba-a-ĝar PN maškim	animals as the šu-gid-contingent with one maškim official to the “kitchen” for the soldiers, when the king went to GN, they (=animals) were loaded on a boat at GN1	PDT 1 478:1-10

Type	Component	Formula	Commentary	Example
		ša ₃ GN1		
bazi E21	1-2-7-4	S šu-gid ₂ gir ₄ -ta ba-šeg ₆ lugal GN-še ₃ du-ni ma ₂ -a ba-a-ĝa ₂ -ar ša ₃ GN1 PN maškim	animals as the šu-gid-contingent, cooked in the oven, when the king went to GN, they (=animals) were loaded on a boat, at GN1, with one maškim	OIP 121 p.52*
bazi E22	1-2 1-2	S1 mu aga ₃ -us ₂ -e-ne-še ₃ S2 mu nu-banda ₃ kaskal- ta er-ra-ne-še ₃ šu-gid ₂ e ₂ muhaldim-še ₃	animals as the šu-gid-contingent to the “kitchen” for the soldiers; and for the officers having come from a (military) campaign	Erm 07632
bazi E23	1-2-4 1-2	S1 mu aga ₃ -us ₂ kaskal-ta er-ra-ne-še ₃ PN1 maškim S2 mu aga ₃ -us ₂ -e-ne-še ₃ šu-gid ₂ e ₂ muhaldim-še ₃	animals as the šu-gid-contingent to the “kitchen” for the soldiers having come from a (military) campaign, with one maškim official; and for the soldiers	SAT 2 913:1-10
bazi E24	1-2 1-2-4	S1 šu-gid ₂ mu nu-banda ₃ u ₃ gar ₃ -du ^d Amar- ^d EN.ZU kaskal-ta er-ra-ne-še ₃ S2 šu-gid ₂ S3 ba-uš ₂ /ug ₇ mu gar ₃ -du-e-ne-še ₃ e ₂ muhaldim-še ₃ PN maškim	animals as the šu-gid-contingent and dead animals to the “kitchen” for the officers (nu-banda ₃) and the GAR ₃ .DU people of Amar- Suen having come from a (military) campaign; and for the GAR ₃ .DU people	TRU 334:1-13
bazi F1	1-2	S ba-uš ₂ /ug ₇ e ₂ -kišib-ba-še ₃	dead animals for the storehouse	Hirose 143:1-2
bazi H4	1-2-6	S ba-uš ₂ /ug ₇ mu ur-(gir ₁₅)-ra-še ₃ PN šu ba-ti	dead animals for dogs, PN received	BIN 3 68:6-9
bazi H8	1-2-6	S ba-uš ₂ /ug ₇ mu ur-(gir ₁₅)-ra-še ₃ PN1 šu ba-ti ugula PN2	dead animals for dogs, overseen by PN2, PN1 received	SACT 1 147:5-9
bazi H9	1-2-6-4	S, ur-gir ₁₅ -re gu ₇ -de ₃ PN1 i ₃ -dab ₅ ugula PN2 PN3 maškim	animals with one maškim official for feeding dogs, overseen by PN2, PN1 received/took	OIP 121 367:5- 11
bazi K2	1-2	S PN i ₃ -dab ₅	PN received/took animals	OIP 121 413:1- 3

2.4.1.1.10 Brief summary

Between AS 3 ix 1 and AS 8 i 19, Intaea expended (ba-zi) 4,597+ animals for the above-mentioned destinations. Among them, more than two thirds of animals (3,161+, 68.76%) were disbursed by Intaea for the “kitchen” (see Table 2.43).

Table 2.43 Statistics of the number of animals disbursed by Intaea (AS 3 – AS 8)

Destination	Ox	Sheep	Goat	Subtotal
Cultic	4	135+	19	158+
Royal	0	371	272	643
Individual	6	115+	90+	211+
Kitchen	253	2,056+	852+	3,161+
Storehouse	10	90	53	153
Dog	8	180	80	268
Others	3	0	0	3
Total:	284	2,947+	1,366+	4,597+

2.4.1.2 The expenditure (i₃-dab₅) of animals transferred to bureaus and individuals

Intaea transferred (i₃-dab₅) animals to seven officials of the subordinate bureaus of the Puzriš-Dagan organization, namely Lu-saga (399 sheep and 469 goats)¹⁵⁵⁶, Nur-Suen (34 sheep and 11 goats)¹⁵⁵⁷, Šu-Erra (314 sheep and 274 goats)¹⁵⁵⁸, Šu-Mama (27 sheep and 2 goats)¹⁵⁵⁹, Ur-kununa (69 oxen, 4,756 sheep and 3,216 goats)¹⁵⁶⁰, Ur-šugalama (1 ox)¹⁵⁶¹ and Ur-tur (42 oxen)¹⁵⁶², as well as to nine individuals. These individuals are: Enlil-zišaġal the governor of A.HA (5 goats)¹⁵⁶³, Gudea the governor of Gudua (30 sheep, 30 goats)¹⁵⁶⁴, I-saga (5 goats)¹⁵⁶⁵, Lu-šalim (1 sheep)¹⁵⁶⁶,

¹⁵⁵⁶ RA 79 27 21 (AS 6 vii, bala ^dŠara₂-kam ensi₂ Ġir₂-su^{ki}); PDT 1 424 (AS 7 xi, bala Ar-ši-ah ensi₂ Babilim^{ki} u₃ ensi₂ A.HA^{ki}). For identifying the governor of Kuara as Enlil-zišaġal, see the text TSU 67 = JCS 52 39 30 (AS 7 xii) that records the transfer of animals from Intaea to Enlil-zišaġal the governor of Kuara. For the reading of A.HA^{ki} as Tiwa/Tuba, see Steinkeller 1995 and Sharlach 2004: 7. In the text PDT 1 424, this name was incorrectly spelled as Lugal-sa₆-ga. For Lu-saga, see Chapter 8.

¹⁵⁵⁷ PDT 1 451 (AS 7 iv). Note another text TCND 412 (AS 7 viii) records unknown number of animals transferred from Intaea to Nur-Suen, because of the tablet largely damaged. For Nur-Suen, see Chapter 10.

¹⁵⁵⁸ PDT 1 49 (AS 3 xii); OIP 121 374 (AS 4 x). Note that in the text OIP 121 374, the receiver was totally damaged and restored by Hilgert (2003: 275) as [Šu[?]-Er₃[?]-ra[?]]. For Šu-Erra, see Chapter 11.

¹⁵⁵⁹ OrSP 47-49 106 (AS 7 vi). For Šu-Mama, see 3.1.3.

¹⁵⁶⁰ AUCT 2 284 (AS 2 vii, AS 3 ii); TRU 183 (AS 5 xii); SAT 2 997 (AS 6 i); CDLB 2011/2 AA 76 (AS 6 vi); SAT 2 972 (AS 6 vii); SET 22 (AS 6 x); MVN 13 462 (AS 7 xii); PDT 1 575 (AS X). For Ur-kununa, see Chapter 13.

¹⁵⁶¹ NYPL 328 (AS 6 vii). For Ur-šugalama, see Chapter 14.

¹⁵⁶² KM 89120 (AS 6 v 3); BPOA 7 2790 = OIP 121 411 (AS 7 i 4); ASJ 7 183 TRU 395 (AS 7 ix 3). For Ur-tur, see Chapter 15. Note that in the text ASJ 7 183 TRU 395, the name of the receiver was incorrectly restored by Bertrand Lafont (1985: 183) as Ur-m[es], which should be suggested as Ur-t[ur].

¹⁵⁶³ ^dEn-lil₂-zi-ša₃-ġal₂ ensi₂ A.HA^{ki}: TSU 67 = JCS 52 39 30 (AS 7 xii).

¹⁵⁶⁴ Gu₃-de₂-a ensi₂ Gu₂-du₈-a^{ki}: OIP 121 364 (AS 3 ix).

¹⁵⁶⁵ I₃-sa₆-ga: PDT 1 723 (AS 3 ix). Other references to this name are JANES 9 20 2 (I₃-sa₆-ga Elam), PDT 1 389

Namhani (7 oxen)¹⁵⁶⁷, Šu-Ea the chief herdsman (1 ox)¹⁵⁶⁸, Ur-Bau (55 sheep, 5 goats)¹⁵⁶⁹ and Ur-ešlila (86 sheep, 54 goats)¹⁵⁷⁰.

The following 21 types of formulae (see Table 2.44) are attested in the transfers (i₃-dab₅) of animals from Intaea to bureaus and individuals. Six new components (36-41) are attested in these formulae.

- (36) ša₃ nam-ra-ak “booty”
- (37) gu-gu-tum “(a plant)”
- (38) mu udu gu₂-še₃ “(a tax)”
- (39) sila-a SIG₇-a “street”
- (40) ġiš-še₃ “for plow”
- (41) udu PN “sheep of PN”

Table 2.44 Formulae attested in the transfers of animals from Intaea (AS 3 – AS 8)

Type	Addition	Formula
idab001		S, u ₄ N-kam, ki B-ta, PN i ₃ -dab ₅
idab002		S, ki B-ta, PN i ₃ -dab ₅
idab003		S, ki B-ta, PN i ₃ -dab ₅ , u ₄ N-kam
idab027	(8)	<u>S, ġiri₃ PN</u> , ki B-ta, PN i ₃ -dab ₅
idab036	(12)	S, mu bala-še ₃ , ki B-ta, PN i ₃ -dab ₅
idab040	(12)	S, bala PN, ki B-ta, PN i ₃ -dab ₅
idab137	(8)	S, ġiri ₃ PN, ki B-ta, PN i ₃ -dab ₅ (variant: idab027)
idab138	(14) (36)	S1, ša ₃ nam-ra-ak, S2, ša ₃ GN, PN1 i ₃ -dab ₅ , M; S3, PN2 i ₃ -dab ₅ , MY; ki B-ta, PN i ₃ -dab ₅
idab139	(6) (8) (21) (11)	S1, mu-DU PN; S2 niġ ₂ -gur ₁₁ PN; S3, sa ₂ -du ₁₁ ku ₅ -ra ₂ ; S4, ġiri ₃ PN; S5 mu-DU PN; S6, mu-DU ^d šul-gi-ra; S7, ġiri ₃ PN; S8, ġiri ₃ PN; S9, ki PN-ta; šu-niġin ₂ ; ki B-ta, PN i ₃ -dab ₅
idab140	(6) (21) (37) (18) (8)	S1, mu-DU lugal; S2, sa ₂ -du ₁₁ ku ₅ -ra ₂ ; S3, gu-gu-tum; S4 šu-gid ₂ , ġiri ₃ PN; šu-niġin ₂ ; ki B-ta, PN i ₃ -dab ₅
idab141	(6) (21) (8)	S1, mu-DU lugal; S2, mu-DU ^d šul-gi-ra; S3, sa ₂ -du ₁₁ ku ₅ -ra ₂ , ġiri ₃ PN; <u>S4, ġiri₃ PN</u> ; S5, šu-gid ₂ ki PN-ta; šu-niġin ₂ ; ki B-ta, PN i ₃ -dab ₅
idab142	(6) (21) (18) (8)	S1, mu-DU; S2, sa ₂ -du ₁₁ ku ₅ -ra ₂ ; S3, šu-gid ₂ ki PN-ta; S4, ki PN-ta; S5, ki PN-ta, ġiri ₃ PN; S6, sa ₂ -du ₁₁ ku ₅ -ra ₂ , ġiri ₃ PN; šu-niġin ₂ ; ki B-ta, PN i ₃ -dab ₅
idab143	(6) (18) (8)	S1, mu-DU lugal; S2, šu-gid ₂ ki PN-ta, ġiri ₃ PN; S3, ki PN-ta, ġiri ₃ PN; šu-niġin ₂ ; ki B-ta, PN i ₃ -dab ₅
idab144	(7)	<u>S, PN</u> , ki B-ta, PN i ₃ -dab ₅
idab145	(8)	<u>S1, ki PN-ta</u> , ġiri ₃ PN; S2, ki PN-ta, ġiri ₃ PN; šu-niġin ₂ ; ki B-ta, PN i ₃ -dab ₅

(kišib I₃-sa₆-ga) and PDT 2 922 (I₃-sa₆-ga). Another suggested reading of this name is Lu₂-sa₆-ga.

¹⁵⁶⁶ Lu₂-ša-lim: BPOA 6 224 (AS 3 x).

¹⁵⁶⁷ Nam-ha-ni: Syracuse 333 (AS 7 vi).

¹⁵⁶⁸ Šu-E₂-a kuš₇: SAT 2 306 (AS 6 vi).

¹⁵⁶⁹ Ur-^dBa-u₂: Erm 07914 (AS 6 viii).

¹⁵⁷⁰ Ur-eš₃-lil₂: MVN 13 878 = MVN 13 879 (AS 7 xii).

Type	Addition	Formula
idab146	(38)	S, mu udu gu ₂ -še ₃ , ki B-ta, PN i ₃ -dab ₅
idab147	(39) (9)	S, sila-a SIG ₇ -a, ki B-ta, PN i ₃ -dab ₅ , MY, ša ₃ kišib-dib-ba libir Ab-ba-sa ₆ -ga
idab148	(40) (9)	S, ġiš-še ₃ , ki B-ta, PN i ₃ -dab ₅ , kišib PN
idab149	(18) (41)	S šu-gid ₂ , udu PN, ki B-ta, PN i ₃ -dab ₅
idab150	(6) (21)	S, mu-DU lugal, sa ₂ -du ₁₁ DN-še ₃ , ki B-ta, PN i ₃ -dab ₅
idab151	(22)	S, la ₂ -ia ₃ PN, ki B-ta, PN i ₃ -dab ₅

Between AS 3 ix and AS 7 xii, Intaea transferred 9,893 animals to the above-mentioned bureaus and individuals. Among them, most of animals (8,041, 81.28%) were transferred from Intaea to Ur-kununa (see Table 2.45).

Table 2.45 Statistics of the number of animals transferred from Intaea (AS 3 – AS 8)

Transfer	Ox	Sheep	Goat	Subtotal
Lu-saga	0	399	469	868
Nur-Suen	0	34	11	45
Šu-Erra	0	314	274	588
Šu-Mama	0	27	2	29
Ur-kununa	69	4,756	3,216	8,041
Ur-šugalama	1	0	0	1
Ur-tur	42	0	0	42
I-saga	0	0	5	5
Lu-šalim	0	1	0	1
Namhani	7	0	0	7
Šu-Ea	1	0	0	1
Ur-Bau	0	55	5	60
Ur-ešlila	0	86	54	140
Enlil-zišaġal	0	0	5	5
Gudea	0	30	30	60
Total:	120	5,702	4,071	9,893

2.4.1.3 Additional administrative activities or records issued by Intaea

2.4.1.3.1 The expenditure (šu ba-ti) of animals accepted by individuals

In the seventh and ninth month of AS 4, Intaea expended (šu ba-ti) 63 oxen, 172+ sheep and 53+ goats, all dead, which were accepted by Šulgi-iriġu¹⁵⁷¹.

¹⁵⁷¹ RA 79 26 15 (AS 4 vii); MVN 15 320 (AS 4 ix).

Furthermore, Intaea expended (šu ba-ti) 33 sheep which were accepted by Hir in AS 3¹⁵⁷², and one sheep which was accepted by Ili-satu in AS 7 vii¹⁵⁷³.

2.4.1.3.2 Animals sent to the palace from Intaea

Three administrative documents record that 72+ dead animals from Intaea were sent to the palace at Ur via Ur-šugalama¹⁵⁷⁴.

2.4.1.3.3 Labels issued by Intaea

One pisan dub-ba-label (PH 25) dated between AS 3 ix and AS 3 xii diri is issued by Intaea. Two texts with the term E₂^{tum} “house” probably belong to the pisan-dub-ba-labels: the one (BRM 3 40) recording 43 oxen and 745 sheep/goats as withdrawals (zi-ga) of Intaea in AS 4 ix, and the other (BRM 3 41) recording 69 oxen and 339 sheep/oxen, all dead, which were disbursed (ba-zi) from Intaea, accepted (šu ba-ti) by Nur-Suen, and sealed by Lugal-itida between AS 4 i and AS 4 xii d.

2.4.1.3.4 One ki-bi gi₄-a-account and one balanced account (niĝ₂-kas₇-ak)

The text, SAT 2 1062 dating to AS 7 xii, belongs to a ki-bi gi₄-a-account issued by Intaea. The first part of the account mentions that Intaea received 21 animals from two individuals, (Ur-Lisi) the governor of Umma and Bagatum. The second part records that the above-mentioned 21 animals were accepted by thirteen individuals. The ki-bi gi₄-a-account is listed below (see Table 2.46):

Table 2.46. The ki-bi gi₄-a-account SAT 2 1062 (AS 7 xii)

Part 1: Receipt		Part 2: Expenditure	
<i>Animals</i>	<i>Transaction</i>	<i>Animals</i>	<i>Transaction</i>
19 oxen	ki ensi ₂ Umma ^{ki} -ta	2 oxen	kišib ^d Nanše-kam, gu ₄ Mu-na-um
2 oxen	ki Ba-ga-tum-ta	1 ox	kišib Ur-šu-mah
	ša ₃ -bi-ta	1 ox	kišib Šu- ^d EN.ZU di-ku ₅
		2 oxen	kišib Na-bi ₂ - ^d EN.ZU
		1 ox	kišib Ab-ba-sa ₆ -ga, ki Šu-kab-ta ₂ -ta
		2 oxen	sukkal-mah
		2 oxen	Lu ₂ -bala-sa ₆ -ga nu-banda ₃
		3 oxen	kišib Uš-mu
		(sum 14)	ša ₃ kišib-ba bar-ta ĝal ₂ -la
		1 ox	Ku-ku
		1 ox	Ur-šu-mah

¹⁵⁷² Hi-ir: CUSAS nn 34 (AS 3, kišib Uš-mu). For this name, see Hilgert 2002: 382.

¹⁵⁷³ I₃-li₂-sa-tu: AUCT 1 41 (AS 7 vii). Other references to this name are CUSAS 3 1473, OrSP 47-49 40 and SET 249.

¹⁵⁷⁴ TLB 3 136 (AS 3 xi d); CM 26 63 (AS 6 vii); ASJ 7 123 16 (AS 6 x).

Part 1: Receipt		Part 2: Expenditure	
<i>Animals</i>	<i>Transaction</i>	<i>Animals</i>	<i>Transaction</i>
		1 ox	Ad-da-kal-la
		1 ox	Ur- ^d Šul-pa-e ₃ lu ₂ ur ₃ -ra ¹⁵⁷⁵
		(sum 4)	kišib-bi tum ₃ -dam
		1 ox	Pu-šu-ki-in ¹⁵⁷⁶ , ġiri ₃ Ur- ^d Šul-pa-e ₃
		2 oxen	In-ta-e ₃ -a
		(sum 3)	In-ta-e ₃ -a i ₃ -dab ₅
			ša ₃ Tum-ma-al ^{ki}
Total: 21 oxen			
ki-bi gi ₄ -a In-ta-e ₃ -a			

Furthermore, one balanced account (niġ₂-kas₇-ak), PDT 2 1304 dating between AS 3 ix and AS 4 xii diri, issued by Intaea, records 29,520+ animals, which has been heavily damaged.

2.4.1.3.5 The receipt of animals

In AS 4 v 30, Intaea received (i₃-dab₅) one ox¹⁵⁷⁷.

2.4.2 Intaea as the principal official of the “central bureau” (AS 9 xi - AS 9 xii d)

The administrative activities issued by Intaea, the principal official of the “central bureau” of the Puzriš-Dagan organization, mainly date during the reign the Šu-Suen (between AS 9 xi 24¹⁵⁷⁸ and AS 9 xii diri 30¹⁵⁷⁹ during the reign of Amar-Suen). The administrative activities issued by Intaea during the reign of Amar-Suen can be subdivided into the following categories:

1. The expenditure (ba-zi) of animals for cultic purposes, the E’uzga, the storehouse and making meat.
2. The expenditure (i₃-dab₅) of animals transferred to bureaus and individuals.
3. The receipt (i₃-dab₅) of animals from the individual deliveries (mu-DU).
4. The ki-bi gi₄-a-account

¹⁵⁷⁵ For the name with title, in the text SAT 2 1062 it was written as lu₂ uzu. But it suggests that the reading of the title should be lu₂ ur₃-ra “(a professional involved in beer brewing)” (Hilgert 2003: 443), see the following texts, AUCT 3 326 (AS 7 viii), OIP 121 51 (AS 4 xi 18), PDT 1 384 (AS 9 xi 30).

¹⁵⁷⁶ Two texts also record the same name with titles, see BIN 3 513 (Ur-ni₉-ġar dumu Pu-šu-ki-in lu₂ A-za-ru-um^{ki}), Ontario 1 129 (Pu-šu-ki-in nu-banda₃) and (Pu₃-uš-ki-in). For this name, also see Hilgert 2002: 393 (Pu-šu-ki-in, Pu₃-šu-ki-in, Pu₃-uš-ki-in).

¹⁵⁷⁷ In-ta-e₃-a i₃-dab₅: AUCT 1 700 (AS 4 v 30).

¹⁵⁷⁸ BPOA 7 2623 (AS 9 xi 24).

¹⁵⁷⁹ BPOA 7 2993 (AS 9 xii d 28, 30). Although the king Amar-Suen had been most probably dead within the roughly two-month period that extended from AS 9 i 1 to AS 9 ii 26 (see Frayne 1997: 243-244), the texts dating from AS 9 ii 26 to AS 9 xii d 30 are still treated and studied in the thesis.

2.4.2.1 The expenditure (ba-zi) of animals

Intaea expended (ba-zi) animals for cultic purposes (see 2.4.2.1.1), for the E'uzga (see 2.4.2.1.2), for the storehouse (see 2.4.2.1.3) and for making meat (see 2.4.2.1.4).

2.4.2.1.1 For cultic purposes

Between AS 9 x 9 and AS 9 xii d 22, Intaea expended (ba-zi) animals for three deities: Enlil¹⁵⁸⁰, Nin-kununa¹⁵⁸¹ and Ninlil¹⁵⁸².

2.4.2.1.2 For the E'uzga

Between AS 9 xii 9 and AS 9 xii d 17, Intaea expended (ba-zi) animals for the E'uzga¹⁵⁸³.

2.4.2.1.3 For the storehouse

In AS 9 xii 5, Intaea expended (ba-zi) dead animals for the storehouse¹⁵⁸⁴.

2.4.2.1.4 For making meat

In AS 9 xii d 19, Intaea expended (ba-zi) animals for producing salted meat¹⁵⁸⁵.

2.4.2.1.5 The maškim officials

Between AS 9 xi 24 and AS 9 xii d 30, three maškim officials were responsible for the disbursements (ba-zi) of animals by Intaea: Arad-Namma the cook and Ninlil-amamu the equestrian (for the E'uzga), and Nawer-ilum (for making meat).

2.4.2.1.6 Formulary

The following eight types of formulae are attested in the disbursements of animals by Intaea for cultic purposes (bazi A16-17, A38), for the E'uzga (bazi D2-3, D5), for the storehouse (bazi F1), and for other purposes (bazi K13), between AS 9 xi 24 and AS 9 xii diri 30 (see Table 2.47).

Tab 2.47 Formulae attested in the disbursals of animals by Intaea (AS 9)

Type	Component	Formula	Commentary	Example
bazi A16	1-2-4	<u>S</u> , DN lugal ku ₄ -ra	animals with royal presence for two or more deities	Princeton 2 201:1-6

¹⁵⁸⁰ dEn-lil₂: BPOA 7 1608:2 (AS 9 xii diri 17, ša₃ mu-DU-ra-ta); Princeton 2 201:2 (AS 9 xii diri 22).

¹⁵⁸¹ dNin-ku₃-nun-na: BPOA 6 445:1 (AS 9 x 9, ša₃ mu-DU-ra-ta). For this deity, see Cavigneaux and Krebernik 1998-2001.

¹⁵⁸² dNin-lil₂: Princeton 2 201:5 (AS 9 xii diri X).

¹⁵⁸³ e₂ uz-ga: Ontario 1 133:2 (AS 9 xii 9, mu-DU Še-lu-uš-dDa-gan); BPOA 6 765:2 (AS 9 xii diri 7); BPOA 7 1608:5 (AS 9 xii diri 17, ša₃ mu-DU-ra-ta).

¹⁵⁸⁴ ba-uš₂/ug₇ e₂-kišib-ba-še₃: AUCT 3 82:2 (AS 9 xii 5).

¹⁵⁸⁵ KA-izi-še₃: PDT 1 255:2 (AS 9 xii d 19, ša₃ mu-DU-ra-ta).

Type	Component	Formula	Commentary	Example
bazi A17	1-2-4-3	S, DN lugal ku ₄ -ra <ša ₃ mu-DU-ra-ta>	animals with royal presence from delivery for one deity	BPOA 7 1608:1-3,7
bazi A38	1-2-3	S, DN ša ₃ mu-DU-ra-ta	animals from delivery for one deity	BPOA 6 445:1-2
bazi D2	1-2-3-4	S e ₂ uz-ga mu-DU PN PN maškim	animals with one individual delivery and one maškim official for the E'uzga	Ontario 1 133:1-4
bazi D3	1-2-4	S e ₂ uz-ga PN maškim	animals with one maškim official for the E'uzga	BPOA 6 765:1-3
bazi D5	1-2-4-3	S e ₂ uz-ga PN maškim ša ₃ mu-DU-ra-ta	animals from delivery with one maškim official for the E'uzga	BPOA 7 1608:4-7
bazi F1	1-2	S ba-uš ₂ /ug ₇ e ₂ -kišib-ba-še ₃	dead animals for the storehouse	AUCT 3 82:1-2
bazi K13	1-2-4-3	S, KA-izi-še ₃ PN maškim ša ₃ mu-DU-ra-ta	animals from delivery with one maškim official for making the salted meat	PDT 1 255:1-4

2.4.2.2 Expenditure (i₃-dab₅) of animals transferred to bureaus and individuals

Between AS 9 vii and AS 9 xii diri 30, Intaea transferred (i₃-dab₅) animals to Duga (476 sheep and 238+ goats)¹⁵⁸⁶, the official of the “central bureau”, as well as to 11 individuals. These individuals are: Ahanišu (1 goat)¹⁵⁸⁷, Kamu (66 oxen, 172 sheep, 146 goats)¹⁵⁸⁸, Lu-gina (10 sheep, 2 goats)¹⁵⁸⁹, Lugal-amarku (7 sheep, via Ur-Bau)¹⁵⁹⁰, Lugal-ezem the merchant (1 sheep)¹⁵⁹¹, Šu-Adad (3 sheep)¹⁵⁹², Šulgi-zimu (4 sheep)¹⁵⁹³, Ur-Bau the animal fattener (1 sheep)¹⁵⁹⁴, Ur-meme the

¹⁵⁸⁶ Ontario 1 117 (AS 9 viii 12, 15); BPOA 7 2993 (AS 9 xii d 28, 30).

¹⁵⁸⁷ A-ha-ni-šu: AUCT 3 229 (AS 9 ix). For Ahanišu, see Chapter 16.1.

¹⁵⁸⁸ Ka₅^a-mu: ASJ 7 171 TRU 104 (AS 9 ix).

¹⁵⁸⁹ Lu₂-gi-na: AUCT 3 244 (AS 9 viii). For a homonymous name, see Steinkeller 1993: 237.

¹⁵⁹⁰ Lugal-amar-ku₃: AUCT 3 415 (AS 9 x).

¹⁵⁹¹ Lugal-ezem dam-gar₃: BPOA 7 2584 (AS 9 viii), with the seal impression: Lugal-ezem dub-sar dumu Du-du “Lugal-ezem the scribe son of Dudu”. This name with its title is only attested in this text.

¹⁵⁹² Šu-^dIškur: MVN 13 478 (AS 9 vii).

¹⁵⁹³ ^dŠul-gi-zi-mu: MVN 8 91 (AS 9 vii).

¹⁵⁹⁴ Ur-^dBa-u₂ kurušda: Nebraska 78 (AS 9 ix).

courier (1 sheep)¹⁵⁹⁵, Ur-ubkuga the oil-presser (6 goats)¹⁵⁹⁶ and the “Grand Vizier” (24 goats)¹⁵⁹⁷.

The following three types of formulae are attested in the transfers (i_3 -dab₅) of animals from Intaea, in which one new component (42) is attested (see Table 2.48).

(42) la₂-ia₃ mu-DU a₂-ki-ti šu-numun “surplus and delivery for the *akiti*- and *šunumun*-festivals”

Table 2.48 Formulae attested in the transfers of animals from Intaea (AS 9)

Type	Addition	Formula
idab002		S, ki B-ta, PN i_3 -dab ₅
idab005		<u>S, M</u> , ki B-ta, PN i_3 -dab ₅
idab152	(9) (42)	S, la ₂ -ia ₃ mu-DU, a ₂ -ki-ti šu-numun, ki B-ta, PN i_3 -dab ₅ , kišib PN

To sum up, between AS 9 vii and AS 9 xii d 30, the total number of animals that Intaea transferred to bureaus and individuals is 1,158+. It is listed as follows (see Table 2.49):

Table 2.49 Statistics of the number of animals transferred from Intaea (AS 9)

Transferor	Ox	Sheep	Goat	Subtotal
Duga	0	476	238+	714+
Kamu	66	172	146	384
Others	0	27	33	60
Total:	66	675	417+	1,158+

2.4.2.3 The receipt (i_3 -dab₅) of animals from the individual delivery (mu-DU)

Apart from expending (ba-zi, i_3 -dab₅) animals, Intaea received (i_3 -dab₅) the individual deliveries of animals between AS 9 vi 24¹⁵⁹⁸ and AS 9 xii diri 17¹⁵⁹⁹. On the basis of their different titles, these deliverers can be subdivided into the following categories.

2.4.2.3.1 Provincial governor (ensi₂)

Intaea received (i_3 -dab₅) the deliveries of animals of five provincial governors.

Babylon:	MURteli (6 oxen) ¹⁶⁰⁰
Gudua:	Gudea (2 sheep) ¹⁶⁰¹
Nippur:	Lugal-melam (2 sheep) ¹⁶⁰²

¹⁵⁹⁵ Ur-me-me sukkal: AUCT 2 94 (AS 9 xii).

¹⁵⁹⁶ Ur-ub₃-ku₃-ga i_3 -ra₂-ra₂: PDT 1 683 (AS 9 ix). This name with its title is only attested in this text. The title i_3 -ra₂-ra₂ “oil-presser” is not attested in other texts dealing with animals. Another possible reading of this name is Ur-du₆-ku₃-ga, which is well known for the texts from Puzriš-Dagan.

¹⁵⁹⁷ sukkal-mah: MVN 13 477 (AS 9 vii): la₂-ia₃ mu-DU / a₂-ki-ti šu-numun / kišib In-ta-e₃-a “delivery of deficit for the *akiti*- and *šunumun*-festivals sealed by Intaea”. The seal impression attested in this text reads: In-ta-e₃-a / dub-sar / dumu Lu₂-du₁₀-ga / saġġa^d Nin-ġir₂-su.

¹⁵⁹⁸ BPOA 7 2623.

¹⁵⁹⁹ MVN 13 398.

¹⁶⁰⁰ MUR₇-te-li ensi₂ Babilim^{ki}: SET 11:3 (AS 9 xi 13).

¹⁶⁰¹ Gu₃-de₂-a ensi₂: StOr 09-1 30 (pl.11):12 (AS 9 viii 26); OIP 121 111:3 (AS 9 xii 7).

¹⁶⁰² Lugal-me-lam₂ ensi₂ Nibru^{ki}: CST 400:2 (AS 9 xi 27).

Umma:	A'a-kala (1 sheep) ¹⁶⁰³
Urusağrig:	Ur-mes (1 sheep, 1 gazelle) ¹⁶⁰⁴

2.4.2.3.2 Troop (erin₂)

Intaea received (i₃-dab₅) the deliveries of 2,300 sheep and 100 goats of the troop of Adamdun¹⁶⁰⁵.

2.4.2.3.3 Individuals with titles

Intaea received (i₃-dab₅) the deliveries of animals of 26 individuals who held titles. The titles consist of dam-gar₃ “merchant”, en “en-priestess”, gudu₄ “gudu-priest”, lu₂ Wa-nu-um^{ki} “person of Wanum”, mar-tu “Amorite”, nu-banda₃ “captain”, šabra “temple perfect” and šidim “builder”. These deliverers are listed below:

Title	Individuals
dam-gar ₃ :	Bur-Mama (1 sheep) ¹⁶⁰⁶ , Lugal-anne (1 sheep) ¹⁶⁰⁷
en:	en-priest of Inana (2 sheep) ¹⁶⁰⁸
gudu ₄ :	Beli-bani the <i>gudu</i> -priest of Inana (1 ox, 8 sheep, 2 goats) ¹⁶⁰⁹
lu ₂ PI-nu-um ^{ki} :	Suen-bani (9 sheep, 5 goats) ¹⁶¹⁰ , Šu-Mama (5 sheep, 5 goats) ¹⁶¹¹
mar-tu:	Ahašum (1 sheep, 1 goat) ¹⁶¹² , Albanu (2 sheep) ¹⁶¹³ , Aninu (1 sheep, 1 goat) ¹⁶¹⁴ , Mardabum (4 sheep, 1 goat) ¹⁶¹⁵ , Šarna-ilum (2 sheep, 1 goat) ¹⁶¹⁶ , Ninu-x-x (1 sheep, 1 goat) ¹⁶¹⁷
nu-banda ₃ :	Allamu (1 sheep, x goat) ¹⁶¹⁸ , Dan-Šulgi (1 sheep) ¹⁶¹⁹ , Ĝirine-isa (1 sheep) ¹⁶²⁰ , Hun-nazi (x sheep) ¹⁶²¹ , Ilimu (x x) ¹⁶²² , Ilum-azu (1

¹⁶⁰³ A-a-kal-la ensi₂: StOr 09-1 30 (pl.11):19 (AS 9 viii 26).

¹⁶⁰⁴ Ur-mes ensi₂: MVN 4 96:11 (AS 9 viii 2); MVN 13 398:3 (AS 9 xii d 17).

¹⁶⁰⁵ erin₂ A-dam-dun^{ki}: StOr 09-1 30 (pl.11):4 (AS 9 viii 26, ĝiri₃ Dan-^dŠul-gi ra₂-gaba, ugula Ur-ba-a).

¹⁶⁰⁶ Bur-Ma-ma <dam-gar₃>: SAT 2 1166:1,3 (AS 9 xi 22).

¹⁶⁰⁷ Lugal-an-ne₂ <dam-gar₃>: SAT 2 1166:2,3 (AS 9 xi 22).

¹⁶⁰⁸ en^dInana: OIP 121 112:12 (AS 9 xii 19); MVN 13 398:1 (AS 9 xii d 17).

¹⁶⁰⁹ Be-li₂-ba-ni gudu^dInana: BIN 3 546:4 (AS 9 x 7).

¹⁶¹⁰ ^dEN.ZU-ba-ni <lu₂ PI-nu-um^{ki}>: MVN 4 96:4,5 (AS 9 viii 2, ugula I-din-^dDa-gan). For the name ^dEN.ZU-ba-ni, see Hilgert 2002: 426.

¹⁶¹¹ Šu-Ma-ma <lu₂ PI-nu-um^{ki}>: MVN 4 96:2,5 (AS 9 viii 2, ugula I-din-^dDa-gan).

¹⁶¹² A-ha-šu-um <mar-tu>: BIN 3 546:11,12 (AS 9 x 7). This name is only attested in this text, but a similar name A-ha-šu with the title mar-tu is attested in the text PDT 2 915. It is most likely that these both spellings refer to the same person.

¹⁶¹³ Al-ba-nu <mar-tu>: BIN 3 546:8,12 (AS 9 x 7). This name is only attested in this text.

¹⁶¹⁴ A-ni-nu <mar-tu>: BIN 3 546:9,12 (AS 9 x 7).

¹⁶¹⁵ Mar-da-bu-um <mar-tu>: BIN 3 546:6,12 (AS 9 x 7). The name Mar-da-bu-um is only attested in this text, but a similar name Mar-da-mu-um with the title mar-tu is attested in two texts: PDT 2 915 (Mar-da-mu-um <mar-tu>) and OIP 115 293 (Mar-da-mu-um <mar-tu>). It is doubtful that the hand copy of the text BIN 3 546 is probably not correct, the third sign BU of this line should be MU.

¹⁶¹⁶ Šar-na-DIĜIR <mar-tu>: BIN 3 546:7,12 (AS 9 x 7). This name is only attested in this text. But a similar name Šar-na-aš with the title mar-tu is attested in the text PDT 2 915.

¹⁶¹⁷ Ni-nu-x-x <mar-tu>: BIN 3 546:10,12 (AS 9 x 7). The reading of this name is unclear.

¹⁶¹⁸ Al-la-mu nu-banda₃: MVN 5 118:13 (AS 9 viii 12); OIP 121 112:5,11 (AS 9 xii 19).

¹⁶¹⁹ Dan-^dŠul-gi nu-banda₃: AUCT 3 200:6 (AS 9 xii 27).

¹⁶²⁰ Ĝiri₃-ne₂-i₃-sa₆ nu-banda₃: MVN 5 118:11 (AS 9 viii 12).

	sheep, 1 gazelle) ¹⁶²³ , Lu-Nanna (1 goat) ¹⁶²⁴ , Lugal-zae (x x) ¹⁶²⁵ , Namtur (1 sheep) ¹⁶²⁶ , Ur-niġar (1 sheep, 1 goat) ¹⁶²⁷ , Watarum (x x) ¹⁶²⁸ , <i>unnamed</i> ¹⁶²⁹
šabra:	Lugal-azida (6 sheep, 1 gazelle) ¹⁶³⁰
šidim:	Niġ-Bau (1 sheep) ¹⁶³¹

2.4.2.3.4 Individuals without titles

Intaea received (i₃-dab₅) the deliveries of animals of the following 46 individuals who did not hold titles. These deliverers are given below:

A'amu (1 sheep)¹⁶³², Aguda (1 sheep)¹⁶³³, Apilaša (x x)¹⁶³⁴, Atakalšum (1 sheep)¹⁶³⁵, Aradġu (x gazelle)¹⁶³⁶, Babati (2 sheep)¹⁶³⁷, Beli-arik (4 sheep)¹⁶³⁸, Binatum son of Puzur-Mama (7 sheep, 3 goats)¹⁶³⁹, Bu'udu (1 sheep, 1 goat)¹⁶⁴⁰, Dada'a (1 sheep)¹⁶⁴¹, Duga (1 sheep)¹⁶⁴², Enum-Eštar (1 sheep)¹⁶⁴³, Eštar-ilšu (1 sheep)¹⁶⁴⁴, Habanuduk (1 sheep)¹⁶⁴⁵, Habru (2 oxen, 20 sheep)¹⁶⁴⁶, Iddin-Dagan (1 sheep)¹⁶⁴⁷, Iddin-Suen (2 sheep)¹⁶⁴⁸, Ibni-Šulgi (2 sheep)¹⁶⁴⁹, Ilum-kimat (1 sheep)¹⁶⁵⁰, Ilmutabbil (3 sheep)¹⁶⁵¹, Kinana-SAL (x sheep)¹⁶⁵², Lala'a (1 sheep)¹⁶⁵³, Lu-

¹⁶²¹ Hu-un-na-zi <nu-banda₃>: OIP 121 112:3,11 (AS 9 xii 19).

¹⁶²² I₃-li₂-mu <nu-banda₃>: OIP 121 112:6,11 (AS 9 xii 19).

¹⁶²³ DIĠIR-a-zu nu-banda₃: MVN 5 118:7 (AS 9 viii 12).

¹⁶²⁴ Lu₂-^dNanna <nu-banda₃>: OIP 121 112:1,11 (AS 9 xii 19).

¹⁶²⁵ Lugal-za₃-e₃ <nu-banda₃>: OIP 121 112:4,11 (AS 9 xii 19).

¹⁶²⁶ Nam-dumu/tur nu-banda₃: MVN 5 118:10 (AS 9 viii 12).

¹⁶²⁷ Ur-ni₉-ġar nu-banda₃: MVN 5 118:12 (AS 9 viii 12); OIP 121 112:2,11 (AS 9 xii 19).

¹⁶²⁸ Wa-ta₂-ru-um <nu-banda₃>: OIP 121 112:10,11 (AS 9 xii 19).

¹⁶²⁹ x-im-ma! <nu-banda₃>: OIP 121 112:7,11 (AS 9 xii 19). [...] -^dŠul-gi-ra <nu-banda₃>: OIP 121 112:8,11 (AS 9 xii 19). [...] -TUR <nu-banda₃>: OIP 121 112:9,11 (AS 9 xii 19). The readings of the three names are unclear.

¹⁶³⁰ Lugal-a₂-zi-da šabra: MVN 4 96:8 (AS 9 viii 2); MVN 5 118:9 (AS 9 viii 12); BIN 3 546:13 (AS 9 x 7); AUCT 3 200:2 (AS 9 xii 27); PDT 2 1202:1 (AS 9 xii d 8); MVN 13 398:5 (AS 9 xii d 17).

¹⁶³¹ Niġ₂-^dBa-u₂ šidim: PDT 2 1202:2 (AS 9 xii d 8).

¹⁶³² A-a-mu: MVN 4 96:12 (AS 9 viii 2).

¹⁶³³ A-gu-da: AUCT 3 214:3 (AS 9 xii d X).

¹⁶³⁴ A₂-pi₃-la-ša: StOr 09-1 30 (pl.11):15 (AS 9 viii 26).

¹⁶³⁵ A-ta₂-kal₂-šum: StOr 09-1 30 (pl.11):23 (AS 9 viii 26). For this name, see Hilgert 2002: 188.

¹⁶³⁶ Arad₂-ġu₁₀: OIP 121 112:17 (AS 9 xii 19).

¹⁶³⁷ Ba-ba-ti: StOr 09-1 30 (pl.11):11 (AS 9 viii 26). This person without title must be identical with the brother of Queen Abisimti.

¹⁶³⁸ Be-li₂-a-ri₂-ik: BIN 3 546:17 (AS 9 x 7).

¹⁶³⁹ Bi₂-na-tum dumu PU₃-ŠA-Ma-ma: MVN 5 118:3 (AS 9 viii 12).

¹⁶⁴⁰ Bu-u₂-du: BPOA 7 2623:4 (AS 9 vi 24).

¹⁶⁴¹ Da-da-a: AUCT 3 200:5 (AS 9 xii 27).

¹⁶⁴² Du₁₁-ga: MVN 5 118:8 (AS 9 viii 12).

¹⁶⁴³ En-um-Eš₁₈-tar₂ munus: StOr 09-1 30 (pl.11):25 (AS 9 viii 26).

¹⁶⁴⁴ Eš₁₈-tar₂-il-šu: AUCT 3 214:1 (AS 9 xii d X).

¹⁶⁴⁵ Ha-ba-nu-du-uk: Rochester 76:2 (AS 9 xi 20).

¹⁶⁴⁶ Ha-ab-ru: ASJ 19 207 23:4 (AS 9 xi 1).

¹⁶⁴⁷ I-din-^dDa-gan: MVN 4 96:7 (AS 9 viii 2).

¹⁶⁴⁸ I-din-^dEN.ZU: StOr 09-1 30 (pl.11):8 (AS 9 viii 26).

¹⁶⁴⁹ Ib-ni-^dŠul-gi: StOr 09-1 30 (pl.11):14 (AS 9 viii 26).

¹⁶⁵⁰ DIĠIR-ki-ma-at: BPOA 7 2623:1 (AS 9 vi 24).

¹⁶⁵¹ DIĠIR-mu-tab-bil₂: BIN 3 546:15 (AS 9 x 7). Other references to this name are the texts TCL 2 5498 and OIP 115 304. For this name, also see Hilgert 2002: 335 (II-mu-tab-bil₂).

¹⁶⁵² Ki-na-na-SAL: OIP 121 112:14 (AS 9 xii 19).

¹⁶⁵³ La-la-a: MVN 4 96:9 (AS 9 viii 2).

diĝira (1 sheep)¹⁶⁵⁴, Lu-Suen (x sheep)¹⁶⁵⁵, Lu-šalim (x sheep)¹⁶⁵⁶, Lugal-magure (1 sheep)¹⁶⁵⁷, Nabi-Enlil (1 sheep)¹⁶⁵⁸, Niridaĝal (1 gazelle, x x)¹⁶⁵⁹, Puzur-Mama (x wild sheep, 3 wild goats)¹⁶⁶⁰, Puzur-Šulgi (1 sheep)¹⁶⁶¹, Saĝ-Nannazu (2 sheep)¹⁶⁶², Šeš-kala (1 sheep)¹⁶⁶³, Šu-damkina (1 sheep)¹⁶⁶⁴, Šu-kabta (1 sheep, 1 goat)¹⁶⁶⁵, Šulgi-ili (4 sheep)¹⁶⁶⁶, Šulgi-unhaniš (6 sheep)¹⁶⁶⁷, Šuruš-kin (4 gazelles)¹⁶⁶⁸, Uba'a (7 sheep)¹⁶⁶⁹, Ur-kununa (4 sheep)¹⁶⁷⁰, Ur-niĝar person of Namtur (1 gazelle)¹⁶⁷¹, Ur-Ninazu (1 goat)¹⁶⁷², Turam-Dagan (1 ox, 17 sheep, 1 gazelle)¹⁶⁷³, Zugati (3 sheep, 1 goat)¹⁶⁷⁴, and three unnamed persons¹⁶⁷⁵.

2.4.2.3.5 Deliveries from individuals (ki PN-ta)

Intaea received the deliveries of animals from three individuals: Habru (2 oxen, 20 sheep)¹⁶⁷⁶, MURteli the governor of Babylon (6 oxen)¹⁶⁷⁷, and Turam-Dagan (1 ox, 17 sheep, 1 goat)¹⁶⁷⁸.

2.4.2.3.6 Formulary

The following six types of text formulae (mudu A, A1, A10, A11, B15, B18) are attested in the receipts of the deliveries of animals by Intaea between AS 9 vi 24 and AS 9 xii d 17 (see Table 2.50).

Table 2.50 Formulae attested in the receipts of the deliveries of animals by Intaea (AS 9)

Type	Formula	Description	Example
mudu A	<u>S</u> , PN or S, PN	animals from the delivery of PN	BPOA 7 2623
mudu A1	<u>S</u> , PN T-me	Animals delivered by a group of individuals who held the same	BIN 3 546

¹⁶⁵⁴ Lu₂-diĝir-ra: OIP 121 111:2 (AS 9 xii 7).

¹⁶⁵⁵ Lu₂-^dEN.ZU: OIP 121 112:13 (AS 9 xii 19).

¹⁶⁵⁶ Lu₂-ša-lim: OIP 121 112:16 (AS 9 xii 19).

¹⁶⁵⁷ Lugal-ma₂-gur₈-re: BIN 3 546:1 (AS 9 x 7).

¹⁶⁵⁸ Na-bi₂-^dEn-lil₂: MVN 13 398:2 (AS 9 xii d 17).

¹⁶⁵⁹ Nir-i₃-da-ĝal₂: StOr 09-1 30 (pl.11):18 (AS 9 viii 26); MVN 13 398:4 (AS 9 xii d 17).

¹⁶⁶⁰ PU₃.ŠA-Ma-ma: OIP 121 112:19 (AS 9 xii 19). It is unclear if this person is identical with the person from Mari (see for example BiMes 25 151 53:2).

¹⁶⁶¹ PU₃.ŠA-^dŠul-gi: MVN 13 398:6 (AS 9 xii d 17).

¹⁶⁶² Saĝ-^dNanna-zu: OIP 121 111:1 (AS 9 xii 7); AUCT 3 200:7 (AS 9 xii 27).

¹⁶⁶³ Šeš-kal-la: SAT 2 1166:4 (AS 9 xi 22).

¹⁶⁶⁴ Šu-dam-ki-na: AUCT 3 214:2 (AS 9 xii d X).

¹⁶⁶⁵ Šu-kab-ta₂: StOr 09-1 30 (pl.11):9 (AS 9 viii 26).

¹⁶⁶⁶ ^dŠul-gi-i₃-li₂: StOr 09-1 30 (pl.11):24 (AS 9 viii 26).

¹⁶⁶⁷ ^dŠul-gi-un-ha-ni-iš: BIN 3 546:21 (AS 9 x 7); AUCT 3 200:4 (AS 9 xii 27).

¹⁶⁶⁸ Šu-ru-uš-ki-in: StOr 09-1 30 (pl.11):22 (AS 9 viii 26).

¹⁶⁶⁹ U₁₈-ba-a: BIN 3 546:19 (AS 9 x 7); OIP 121 112:15 (AS 9 xii 19); PDT 2 1202:3 (AS 9 xii d 8).

¹⁶⁷⁰ Ur-ku₃-nun-na: BIN 3 546:23 (AS 9 x 7).

¹⁶⁷¹ Ur-ni₉ lu₂ Nam-tur/dumu: MVN 4 96:10 (AS 9 viii 2).

¹⁶⁷² Ur-^dNin-a-zu: AUCT 3 200:3 (AS 9 xii 27).

¹⁶⁷³ Tu-ra-am-^dDa-gan: KM 89193:10 (AS 9 vii 7).

¹⁶⁷⁴ Zu-ga-ti: MVN 5 118:5 (AS 9 viii 12).

¹⁶⁷⁵ [...]x-u₂-du: StOr 09-1 30 (pl.11):16 (AS 9 viii 26). The restoration of the damaged name is probably Bu-u₂-du.

[...]kal-la: StOr 09-1 30 (pl.11):17 (AS 9 viii 26). The restoration of the damaged name is probably Šeš-kal-la. Ki-

ib-ri[...] bu-ba-e^{ki}: AUCT 3 214:5 (AS 9 xii d X). The damaged name is difficult to be restored.

¹⁶⁷⁶ Ha-ab-ru: ASJ 19 207 23:4 (AS 9 xi 1, mu-DU A.AB.BA-ba-aš-ti). For the reading of A.AB.BA-ba-aš-ti as Tiamat-bašti, see Weiershäuser 2008: 226-228.

¹⁶⁷⁷ MUR₇-te-li ensi₂ Babilim^{ki}: SET 11:3 (AS 9 xi 13).

¹⁶⁷⁸ Tu-ra-am-^dDa-gan: KM 89193:10 (AS 9 vii 7, mu-DU Ku-ba-tum).

Type	Formula	Description	Example
		title.	
mudu A10	S, PN T-me ugula PN1	Animals (from a delivery of) a group of individuals who held the same title, overseen by PN1.	MVN 4 96
mudu A11	S, gu ₂ Y erin ₂ GN ġiri ₃ PN ugula PN1	Animals (from a delivery of) the troops as the tax via PN overseen by PN1	StOr 9-1 30*
mudu B15	S, PN1 mu-DU PNr ki PN-ta	Animals, delivered by PN1, for royal member, from PN	KM 89193
mudu B18	S mu bala-a-še ₃ ki PN-ta	Animals on behalf of the bala-duty of PN1, (delivered) from PN	SET 11

2.4.2.3.7 Brief summary

Between AS 9 vi 24 and AS 9 xii d 17, the total number of the animals delivered, which Intaea received, is 2,654+. Most of animals (2,400, 90.43%) were the deliveries of troops (see Table 2.51).

Table 2.51 Statistics of the number of the deliveries of animals received by Intaea (AS 9)

Deliverer	Ox	Sheep	Goat	Wild/Rare	Subtotal
ensi ₂	6	6	0	1	13
erin ₂	0	2,300	100	0	2,400
dam-gar ₃	0	2	0	0	2
en	0	2	0	0	2
gudu ₄	1	8	2	0	11
lu ₂ Wanum	0	14	10	0	24
mar-tu	0	11	5	0	16
nu-banda ₃	0	6+	2+	1+	9+
šabra	0	6	0	1	7
šidim	0	1	0	0	1
Without title	3	102+	7	10+	122+
ki PN-ta	9	37	1	0	47
Total:	19	2,495+	127+	13+	2,654+

2.4.2.4 One ki-bi gi₄-a-account

One text Princeton 2 66, dated AS 9 vii 21, belongs to the ki-bi gi₄-a-account issued by Intaea, the principal official of the “central bureau”. The first part of this account mentions that Intaea received the royal deliveries of three animals from two individuals: Ur-mes the governor of (Urusaġrig) and Ilum-dan. The second part records that the three animals were designated as

the royal withdrawals (zi-ga lugal) for the E'uzga and for Geštin-ana-lugal¹⁶⁷⁹. The ki-bi gi₄-a-account is listed below (see Table 2.52):

Table 2.52 The ki-bi gi₄-a-account Princeton 2 66 (AS 9 vii 21)

Part 1: Receipt		Part 2: Expenditure	
<i>Animals</i>	<i>Transaction</i>	<i>Animals</i>	<i>Transaction</i>
1 lamb	Ur-mes ensi ₂	2 gazelles	e ₂ uz-ga, Ur- ^d Ba-u ₂ muhaldim maškim
2 gazelles	DIĜIR-dan	1 lamb	^d Geštin-an-na-lugal
	mu-DU lugal		ša ₃ mu-DU-ra-ta
	ša ₃ -bi-ta		zi-ga lugal
Total: 3 (1 lamb, 2 gazelles)			
ki-bi gi ₄ -a In-ta-e ₃ -a (AS 9 vii 21)			

2.4.3 Summary

2.4.3.1 Between AS 3 ix 1 and AS 8 i 19, Intaea was ranked as the associate official of the “central bureau” of the Puzriš-Dagan organization. During this period, his primary administrative activities are the disbursements of animals for the “kitchen”, a role which he assumed from Aba-saga. Moreover, Intaea also transferred animals to a few subordinate bureaus of the Puzriš-Dagan organization. This demonstrates that at that time, Intaea was an extremely significant official of the “central bureau” led by Aba-saga. Possibly, for the reason of the significance at the Puzriš-Dagan (or unclear particular reasons), Intaea was able to replaced Aba-saga as the principal official of the “central bureau” dated to AS 9 when the king Amar-Suen was dead and the new king Šu-Suen ascended the throne.

2.4.3.2 Between AS 9 xi 24 and AS 9 xii d 30, Intaea, the principal official of the “central bureau” of the Puzriš-Dagan organization, expended (ba-zi, i₃-dab₅) 1,169+ animals. Furthermoe, he also received (i₃-dab₅) 2,654+ animals from the individual deliveries (mu-DU). As the new king Šu-Suen had been enthroned, the administrative activities done by Intaea would be more and more frequent and significant, which, however, is far from the discussion in this case.

2.4.3.3 The total number of animals that Intaea expended and received is given below (see Table 2.53):

Table 2.53 Statistics of the number of animals disbursed, transferred and received by Intaea

	Transaction	Ox	Sheep	Goat	Wild/Rare	Subtotal
Disbursement	AS 3 – AS 8	284	2,947+	1,366+	0	4,597+
	AS 9	0	2	0	9	11
Transfer	AS 3 – AS 8	120	5,702	4,071	0	9,893

¹⁶⁷⁹ ^dGeštin-an-na-lugal. For this deity, see Such-Gutiérrez 2003: 329.

	AS 9	66	675	417+	0	1,158+
Receipt	AS 9	19	2,495+	127+	13+	2,654+

2.5 Duga

The administrative documents issued by Duga, the official of the “central bureau”¹⁶⁸⁰, date between AS 8 i 8¹⁶⁸¹ and IS 1 x¹⁶⁸², which spans merely two years or so during the reign of Amar-Suen. Duga was considered to be the son of Lu-Ningîrsu, the shepherd of the naGaBtum branch¹⁶⁸³, also the brother of Ur-kununa¹⁶⁸⁴. Furthermore, the administrative activities of Duga can be divided into the following categories:

1. The expenditure (ba-zi) of animals for cultic purposes, members of the royal household, different individuals, the E’uzga, the “kitchen”, the storehouse, and feeding dogs.
2. The expenditure of oxen transferred (i₃-dab₅) to bureaus and individuals.
3. Additional administrative activities: the balanced account (niĝ₂-kas₇-ak), the pisan dub-ba-label, and the receipt (i₃-dab₅) of animals from individual deliveries (mu-DU).

2.5.1 The expenditure (ba-zi) of animals

Between AS 8 i 8 and AS 9 xii diri 28, Duga expended (ba-zi) animals for cultic purposes (see 2.5.1.1), for members of the royal household (see 2.5.1.2), for different individuals (see 2.5.1.3), for the E’uzga (see 2.5.1.4), for the “kitchen” (see 2.5.1.5), for the storehouse (see 2.5.1.6) and for feeding dogs (see 2.5.1.7).

2.5.1.1 For cultic purposes

In AS 9, Duga expended (ba-zi) animals for the following deities: Enki¹⁶⁸⁵, Enlil-Ninlil¹⁶⁸⁶, and Nin-Isin¹⁶⁸⁷. Also, he expended (ba-zi) animals for the *malkum*¹⁶⁸⁸.

2.5.1.2 For members of the royal household

In AS 8, Duga expended (ba-zi) animals for Abisimti (wife of Amar-Suen)¹⁶⁸⁹, ME-Ištaran

¹⁶⁸⁰ The identification of Duga as the official of the “central bureau” follows Hilgert 2003. For different identification of Duga, see for example Tsouparopoulou (2008: 220) who had identified Duga as “the ‘shepherd’-officials” belonging to “the office for/of the shepherds”.

¹⁶⁸¹ Princeton 2 23 (AS 8 i 8).

¹⁶⁸² MVN 15 267 (IS 1 x).

¹⁶⁸³ See the seal impression attested in many texts (for example the text BIN 3 251), which reads: Du₁₁-ga dub-sar / dumu Lu₂-^dNin-ĝîr₂-su / sipa na-KAB-tum. Also see Tsouparopoulou 2008: 220.

¹⁶⁸⁴ For Ur-kununa, see Chapter 13.

¹⁶⁸⁵ ^dEn-ki: CST 399:1 (AS 9 xi 23).

¹⁶⁸⁶ ^dEn-lil₂ ^dNin-lil₂: PPAC 4 58:5 (AS 9 vi 5).

¹⁶⁸⁷ ^dNin-Isin₂^{si}-na: RA 79 26 13:1-2 (AS 9 xii 15, u₄ Umma^{ki}-še₃ ba-ĝen-na-a ma₂-a ba-a-gub “when he went to Umma, (animals were) loaded to a boat”). For this deity, see Such-Gutiérrez 2003: 353-354.

¹⁶⁸⁸ ma-al-kum-še₃: Ontario 1 82:2 (AS 9 i 5). For the term ma-al-kum, see Such-Gutiérrez 2003: 342-343.

¹⁶⁸⁹ A-bi₂-si₂-im-ti: BIN 3 403:1 (AS 8 ii 26, mu-DU u₄-nu₂-a-ka-na ki-ba ba-na-a-ĝar “delivery replaced for Dark-Moon-festival”); PDT 2 1145:5 (AS 8 iv 26, mu-DU u₄-nu₂-a-ka-na ki-ba ba-na-a-ĝa₂-ar); ASJ 7 123 19:2 (AS 8 v 25, mu-DU u₄-nu₂-a-ka-na ki-ba ba-na-a-ĝa₂-ar); CTNMC 5:2 (AS 8 vi 27, mu-DU u₄-nu₂-a-ka-na ki-ba ba-na-a-ĝa₂-ar).

(daughter of Amar-Suen)¹⁶⁹⁰ and Zaganbi (*lukur*-priestess of Amar-Suen)¹⁶⁹¹.

2.5.1.3 For different individuals

In AS 8, Duga expended (ba-zi) animals for the following eight foreigners:

Duduli:	Hulibar ¹⁶⁹²
Iabibum:	Indadabi ¹⁶⁹³
Mahili:	Walala ¹⁶⁹⁴
Mardaman:	<i>unnamed</i> ¹⁶⁹⁵
Simurum:	Kiribulme ¹⁶⁹⁶
Tikitihum:	Gadabi ¹⁶⁹⁷
Zidahri:	Dunġa'at ¹⁶⁹⁸
<i>Amorite:</i>	Naplanum ¹⁶⁹⁹

Furthermore, in AS 9, Duga expended (ba-zi) animals for the following five individuals: Belitab the jester¹⁷⁰⁰, Iziz-Mišar the equestrian¹⁷⁰¹, Nur-ra the cupbearer¹⁷⁰², the *en*-priestess of Nanna¹⁷⁰³ and the wife of Nanibu the doorkeeper¹⁷⁰⁴.

2.5.1.4 For the E'uzga

In AS 8, Duga expended (ba-zi) animals to the E'uzga for producing cooked and roasted meat¹⁷⁰⁵.

2.5.1.5 For the “kitchen”

Between AS 8 i and AS 9 xii diri, Duga who replaced Intaea (between AS 3 ix and AS 7 xii) expended (ba-zi) animals for the “kitchen”, which was considered to be the principal administrative activity.

¹⁶⁹⁰ [ME]-^dIštaran: CDLJ 2007/1 3.21:1 (AS 8 iv 12, [mu-DU] e₂-u₄-15-ka-[na] ki-ba ba-na-a-ġa₂-ar).

¹⁶⁹¹ Za-ga-an-bi *lukur* lugal: ASJ 4 141 6:1-2 (AS 8 i 22, u₄ tu-ra i₃-me-a “when she was ill”). For the personal name Za-ga-an-bi, see Weierhäuser 2008: 230.

¹⁶⁹² Hu-li-bar lu₂/ensi₂ Du₈-du₈-li₂^{ki}: Santag 7 114:2 (AS 8 v 9+); PDT 2 1147:5 (AS 8 x 13); JNES 12 114 1:2 (AS 8 xi 4); OIP 121 428:3 (AS 9 vii 19); MVN 15 190:2-3 (AS 9 viii 21, u₄ uru-ni-še₃ ba-ġen-na ma₂-a ba-na-a-gub “they (=animals) were loaded to a boat, when he went to his city”).

¹⁶⁹³ In-da-da-bi₃ lu₂ Ia₃-bi-bu-um^{ki}: PDT 2 1147:2 (AS 8 x 13).

¹⁶⁹⁴ Wa-la-la lu₂ Ma-hi-li^{ki}: Santag 7 114:3 (AS 8 v 9+).

¹⁶⁹⁵ lu₂ Ma-ar-da-ma-an^{ki}: PDT 2 1147:6 (AS 8 x 13).

¹⁶⁹⁶ Ki-ri-bu-ul-me lu₂ Si-mu-ru-um^{ki}: PDT 2 1147:3 (AS 8 x 13).

¹⁶⁹⁷ Ga-da-bi lu₂ Ti-ik-ti-he₂^{ki}: PDT 2 1147:1 (AS 8 x 13).

¹⁶⁹⁸ Dun-ġa₂-a-at lu₂ Zi-da-ah-ri^{ki}: MVN 11 161:1 (AS 8 ix 5).

¹⁶⁹⁹ Na-ap-la-nu-um mar-tu: PDT 2 1147:4 (AS 8 x 13).

¹⁷⁰⁰ Be-li₂-DUG₃ u₄-da-tuš: PDT 2 1160:1 (AS 9 vi 29). For this name, see Hilgert 2002: 401.

¹⁷⁰¹ I-zi-iz-Mi-šar ra₂-gaba: AR RIM 5 35 317:1-2 (AS 9 ix 13, u₄ nam-gala-še₃ i₃-in-ku₄-ra-a “when he entered into the gala-ship”). For this name, see Hilgert 2002: 495.

¹⁷⁰² Nu-ur₂-ra sagi: CST 401:1-2 = MVN 5 120 = SAT 2 1158 (AS 9 xii d 8, u₄ I₇-lu₂-ru-gu₂-ta i₃-im-ġen-na-a “when he came from the ordeal river”). For the discussion of this text, see Hallo 2008: 105.

¹⁷⁰³ en^dNanna: Ontario 1 82:5-6 (AS 9 i 5, Eridu^{ki} du-ni “when he went to Eridu”); MVN 2 164:2-3 (AS 9 x 7).

¹⁷⁰⁴ dam Na-ni-bu i₃-du₈: OIP 121 428:1 (AS 9 vii 19). The name Na-ni-bu with the tile i₃-du₈ is only attested in this text.

¹⁷⁰⁵ uzu a bal-še₃ KA-izi-še₃ e₂ uz-ga: PDT 2 1106:2,4-5 (AS 8 iii 2).

2.5.1.5.1 Duga expended (ba-zi) dead animals and/or the animals designated as the šu-gid-contingent for the “kitchen”¹⁷⁰⁶.

2.5.1.5.2 Duga expended (ba-zi) dead animals and/or the animals designated as the šu-gid-contingent to the “kitchen” for runners¹⁷⁰⁷.

2.5.1.5.3 Duga expended (ba-zi) dead animals and/or the animals designated as the šu-gid-contingent to the “kitchen” for soldiers¹⁷⁰⁸.

2.5.1.5.4 Duga expended (ba-zi) the animals designated as the šu-gid-contingent to the “kitchen” for the GAR₃.DU people¹⁷⁰⁹.

2.5.1.5.5 Duga expended (ba-zi) animals designated as the šu-gid-contingent to the “kitchen” for the people of Der¹⁷¹⁰.

2.5.1.5.6 Duga expended (ba-zi) animals designated as the šu-gid-contingent to the “kitchen” for the people of mašdarea for the *ersua*-banquet¹⁷¹¹.

2.5.1.5.7 Duga expended (ba-zi) animals designated as the šu-gid-contingent to the “kitchen” for the women and children of (temple of) Inana¹⁷¹².

2.5.1.5.8 Duga expended (ba-zi) animals designated as the šu-gid-contingent to the “kitchen” for two members of the royal household, Kubatum and Tiamat-bašti¹⁷¹³.

¹⁷⁰⁶ (šu-gid₂ or/and ba-uš₂/ug₇) e₂ muhaldim-(še₃): Princeton 2 23:3,6 (AS 8 i 8); OIP 121 415:3 (AS 8 i 21); TCL 2 5611:2,3-4 (AS 8 i 27); BPOA 6 365:4-5 (AS 8 ii 29); Princeton 2 110:1-2 (AS 9 xii 1); SET 67:2-3 (AS 9 xii 28).

¹⁷⁰⁷ (šu-gid₂ or/and ba-uš₂/ug₇) e₂ muhaldim, mu kaš₃-ke₄-ne-še₃: NYPL 229:4,9 (AS 8 i 18); PDT 1 436:2,6 (AS 8 i 18); ASJ 4 141 6:6,10 (AS 8 i 22); Erm 07898:3,7 (AS 8 iii 9); Princeton 1 64:5-6 (AS 9 iii 2); PPAC 4 57:2,11 (AS 9 v 19); OIP 121 425:2,9 (AS 9 vi 2); OIP 121 428:5,7 (AS 9 vii 19); MVN 2 164:4,8 (AS 9 x 7); CST 399:3,8 (AS 9 xi 23); BPOA 7 1672:3,5 (AS 9 xii 16); MVN 8 205:4 (AS 9 xii d 26, 28).

¹⁷⁰⁸ (šu-gid₂ or/and ba-uš₂/ug₇) e₂ muhaldim, mu aga₃-us₂-e-ne-še₃: OIP 121 423:3,4-6 (AS 9 iv 15); PPAC 4 55:3-4 (AS 9 iv 25); NYPL 323:5,6-8 (AS 9 v 14+); OIP 121 424:5-6 (AS 9 v 15); PPAC 4 57:6,9-11 (AS 9 v 19); ArOr 25 559 9:5-6 (AS 9 v 21); HS 2251 (AS 9 vi 1); OIP 121 425:5,7-9 (AS 9 vi 2); OIP 121 426:4,5-7 (AS 9 vi 8); ANM 3895:4-5 (AS 9 vi 16); OIP 121 427:5-6 (AS 9 vi 22); PDT 2 1160:4-5 (AS 9 vi 29, a2-ki-ti); OIP 121 428:6-7 (AS 9 vii 19); PPAC 4 63:5-6 (AS 9 viii 5); CST 394:4-5 (AS 9 viii 8); MVN 15 190:7,8-10 (AS 9 viii 21); PDT 1 20:5,6-8 (AS 9 viii 25); CST 396:3,6-8 (AS 9 ix 9); AR RIM 5 35 317:6,7-9 (AS 9 ix 13); ASJ 7 123 17:5,6-8 (AS 9 ix 23); Princeton 1 67:4-5 (AS 9 x 10); OIP 121 430:1,5 (AS 9 x 17,19,20); OIP 121 430:11,12-13 (AS 9 x 17,19,20); TRU 348:3-4 (AS 9 x 24); CST 397:1,3-5 (AS 9 xi 6); MVN 13 551:3-4 (AS 9 xi 19); PDT 1 283:1,2-4 (AS 9 xii 8); TLB 3 32:4,5-7 (AS 9 xii 10); RA 79 26 13:4,7-9 (AS 9 xii 15); BPOA 7 1672:4-5 (AS 9 xii 16); CST 401:4-5 = MVN 5 120 = SAT 2 1158 (AS 9 xii d 8); OIP 121 431:3,6,8-10 (AS 9 xii d 16+,19,20); BIN 3 434:2-3 (AS 9 xii d 18); MVN 8 205:1-2,6 (AS 9 xii d 26+,28).

¹⁷⁰⁹ šu-gid₂ e₂ muhaldim, mu gar₃-du-(e)-ne-še₃: NYPL 229:8-9 (AS 8 i 18); PDT 1 436:5-6 (AS 8 i 18); ASJ 4 141 6:9-10 (AS 8 i 22); BIN 3 403:6-7 (AS 8 ii 26); Erm 07898:6-7 (AS 8 iii 9); ASJ 19 206 21:3-4 (AS 8 iii 14); Erm 14596:5-6 (AS 8 iii 25); AUCT 3 349:4-5 (AS 8 iii 27); Princeton 1 68:2-3 (AS 8 iii 28); Ontario 1 84:4-5 (AS 9 iii 29); OIP 121 416:3-4 (AS 8 iv 4); OIP 121 417:3-4 (AS 8 iv 10); CDLJ 2007/1 3.21:18-19 (AS 8 iv 12); PDT 2 1145:9-10 (AS 8 iv 26); BIN 3 479:4-5 (AS 8 v 1⁺); OIP 121 418:4-5 (AS 8 v 6); Santag 7 114:6-7 (AS 8 v 9⁺); Princeton 2 119:3-4 (AS 8 vi 10); Princeton 1 63:4-5 (AS 9 i 20); PPAC 4 51:3-4 (AS 9 i 22); Erm 07873:4-5 (AS 9 i 24); Princeton 1 65:2-3 (AS 9 ii 18); OIP 121 422:2-3 (AS 9 ii 29); Ontario 1 83:5-6 (AS 9 iii 23); SACT 1 166:6-7 (AS 9 iv 7); Ontario 1 81:3-4 (AS 8 vi 17); CTNMC 5:7-8 (AS 8 vi 27); YOS 18 15:3-4 (AS 8 vii 7); NYPL 250:5-6 (AS 8 vii 18); Hirose 286:4-5 (AS 8 vii 12); SACT 1 163:4-5 (AS 8 viii 13); OIP 121 419:4-5 (AS 8 viii 15); OIP 121 420:3-4 (AS 8 viii 20); OIP 121 421:3-4 (AS 8 viii 22); AAICAB 1/2 pl.120 1967-1495:3-4 (AS 8 xi 28); PDT 2 1147:8-9 (AS 8 x 13); TCND 256:3-4 (AS 9 i 17); MVN 2 164:7-8 (AS 9 x 7).

¹⁷¹⁰ šu-gid₂ e₂ muhaldim, mu lu₂ maš₂-da-re-a-ke₄-ne-še₃: Ontario 1 84:2,5 (AS 9 iii 29).

¹⁷¹¹ šu-gid₂ e₂ muhaldim, mu lu₂ maš₂-da-re-a-ke₄-ne-še₃, ġišbun_x(KI.BI) er₂ su₃-a: OIP 121 429:5-7 (AS 9 x 11).

¹⁷¹² šu-gid₂ mu geme₂-dumu-^dInana-še₃: OIP 121 430:7,10 (AS 9 x 17,19,20). For the phrase mu geme₂-dumu-DN-še₃, see Sallaberger 1993: 214-216 and Such-Gutiérrez 2003: 200.

¹⁷¹³ šu-gid₂ e₂ muhaldim, mu Ku-ba-tum u₃ A.AB.BA-ba-aš-ti-še₃: BPOA 7 1672:1-2,5 (AS 9 xii 16).

2.5.1.5.9 Duga expended (ba-zi) animals designated as the šu-gid-contingent to the “kitchen”. These animals were loaded onto a boat, when the king went to Nippur¹⁷¹⁴, Šuruppag¹⁷¹⁵ and Ur¹⁷¹⁶.

2.5.1.5.10 Duga expended (ba-zi) dead animals and/or animals designated as the šu-gid-contingent to the “kitchen” for the soldiers. These animals were loaded onto a boat, when the king went to Nippur¹⁷¹⁷.

2.5.1.5.11 Duga expended (ba-zi) animals to the “kitchen”, when Ur-Adad the governor of Hamazi brought (them) for his bride¹⁷¹⁸.

2.5.1.6 For the storehouse

Duga expended (ba-zi) dead animals for the storehouse¹⁷¹⁹. Note that in AS 9 xi 15, Duga also expended (ba-zi) nine dead sheep to the storehouse for the soldiers¹⁷²⁰, which is not attested in the disbursements (ba-zi) of animals for the storehouse issued by Nasa, Aba-saga, Lugal-amarku or Intaea.

2.5.1.7 For feeding dogs

Duga expended (ba-zi) dead animals for feeding dogs. These animals were received (šu ba-ti) by Puzur-Enlil, the herder of dogs, for which Nawer-ilum the overseer was responsible¹⁷²¹.

2.5.1.8 The ĝiri₃ and/or maškim officials

The ĝiri₃ or/and maškim officials, who were responsible for the disbursements of animals by Duga, are listed as follows (see Table 2.54):

Table 2.54 Distribution of ĝiri₃ or/and maškim officials responsible for the disbursals of animals by Duga

ĝiri ₃ /maškim	Cultic	Royal	Individuals	E'uzga	Kitchen	Storehouse	Feeding dogs
A-a-kal-la muhaldim		y					
A-mur- ^d Šul-gi			x				
Arad ₂ -ĝu ₁₀			x		x		

¹⁷¹⁴ šu-gid₂ e₂ muhaldim, lugal Nibru^{ki}-še₃ du-ni ma₂-a ba-a-ĝa₂-ar: AUCT 3 490:5-7 (AS 8 vii 15).

¹⁷¹⁵ šu-gid₂ e₂ muhaldim, lugal Šuruppag^{ki}-še₃ du-ni ma₂-a ba-a-ĝa₂-ar: PDT 1 461:3-5 (AS 8 iv 2).

¹⁷¹⁶ šu-gid₂ e₂ muhaldim, lugal Uri^{ki}-še₃ du-ni ma₂-a ba-a-ĝa₂-ar: PPAC 4 54:4-6 (AS 9 iii 3).

¹⁷¹⁷ šu-gid₂ e₂ muhaldim, mu aga₃-us₂-e-ne-še₃, lugal Nibru^{ki}-še₃ du-ni ma₂-a ba-a-ĝa₂-ar: OIP 121 430:3-5 (AS 9 x 17,19,20).

¹⁷¹⁸ e₂ muhaldim, u₄ Ur-^dIškur ensi₂ Ha-ma-zi₂^{ki}-ke₄ e₂-gi₄-a-ni ba-an-tum₂-ma-a: AUCT 3 84:1-4 (AS 9 xi 15). For the discussion of this clause, see Hallo 2008: 100.

¹⁷¹⁹ ba-uš₂/ug₇ e₂-kišib-ba-še₃: SAT 2 1083:2 (AS 8 ii 8).

¹⁷²⁰ ba-uš₂/ug₇ e₂-kišib-ba-še₃, mu aga₃-us₂-e-ne-še₃: AUCT 3 84:6-8 (AS 9 xi 15).

¹⁷²¹ ba-uš₂/ug₇ mu ur-gir₁₅-ra-še₃, PU₃.ŠA-^dEn-lil₂ sipa ur-gir₁₅-ra-ke₄ šu ba-ti: PDT 2 1351:18 (AS 8 viii-xii, ugula Na-we-er-DIGIR).

ĝiri ₃ /maškim	Cultic	Royal	Individuals	E'uzga	Kitchen	Storehouse	Feeding dogs
DĠIR-dan sukkal		x			x		
^d En-lil ₂ -zi-ša ₃ -ĝal ₂	x	y					
Ĝiri ₃ -ne ₂ -i ₃ -sa ₆ sukkal			y				
Ku ₃ - ^d Nanna sukkal					x		
La-la-mu sukkal			y				
MUR ₇ -te-li sukkal			y				
Na-ha-ba-tal sukkal			y				
Na-ra-am- ^d Iškur sukkal			y				
Na-we-er-DĠIR	x						z
Nam-ha-ni sukkal					x		
^d Nanna-kam sukkal			y				
PU ₃ .ŠA-Eš ₁₈ -tar ₂ sagi	x						
Ri-iš-DĠIR ra ₂ -gaba		y					
Ur- ^d Amar- ^d EN.ZU sukkal					x		
Ur- ^d Ba-u ₂ (muhaldim)	x	y		x	x		

2.5.1.9 The concluding-ĝiri₃ function

The concluding-ĝiri₃ officials are Da'aati, Lu-saga, Nanna-ma(n)ba, Ninegal-palil, Nur-Suen, Nur-Adad, Ur-Bau, who are all entitled with the scribe (dub-sar).

2.5.1.10 Formulary

The following 42 types of formulae are attested in the disbursements of animals by Duga for cultic purposes (bazi A39-A42), for members of the royal household (bazi B21-B23), for different individuals (bazi C25, C40-C45), for the E'uzga (bazi D8), for the "kitchen" (bazi E1-E2, E6, E11, E13, E19, E25-E42), for the storehouse (bazi F1, F8), and for feeding dogs (bazi H10) (see Table 2.55).

Table 2.55 Formulae attested in the disbursals of animals by Duga

Type	Component	Formula	Commentary	Example
bazi A39	1-2-8-4	S, DN siskur ₂ gu-la PN maškim	animals with one maškim official for one deity at the "Big-rite" ¹⁷²²	PPAC 4 58:1-7

¹⁷²² For the term siskur₂ gu-la, see Sallaberger 1993: 112-114.

Type	Component	Formula	Commentary	Example
bazi A40	1-2-9-4	S, DN u ₄ GN-še ₃ ba-ĝen-na-a ma ₂ -a ba-a-gub PN maškim	animals with one maškim official for a deity, they were loaded to a boat, when he(=DN) went to GN	RA 79 26 13:1-3
bazi A41	1-2-4	S, ma-al-kum-še ₃ PN maškim	animals with one maškim official for the “ <i>malkum</i> ”	Ontario 1 82:1-3
bazi A42	1-2-4	S, DN PN maškim	animals with one maškim official for one deity	CST 399:1-2
bazi B21	1-2-9-5-4	S, PNr u ₄ tu-ra i ₃ -me-a ĝiri ₃ PN PN maškim	animals with one ĝiri ₃ and one maškim official for PNr, when he/she was ill	ASJ 4 141 6:1-4
bazi B22	1-2-8-5	S, PNr mu-DU u ₄ -nu ₂ -a-ka-na ki-ba ba-na-a-ĝar/ĝa ₂ -ar ĝiri ₃ PN	animals with one ĝiri ₃ official for PNr, delivered and replaced for his/her “New-Moon-festival”	BIN 3 403:1-3
bazi B23	1-2-8-5	S, PNr mu-DU e ₂ -u ₄ -15-ka-na ki-ba ba-na-a-ĝa ₂ -ar ĝiri ₃ PN	animals with one ĝiri ₃ official for PNr, delivered and replaced for his/her “Full-Moon-festival”	CDLJ 2007/1 3.21:1-4
bazi C25	1-2-9-4	S, PN u ₄ nam-gala-še ₃ i ₃ -in-ku ₄ -ra-a PN maškim	animals with one maškim official for PN, when he/she entered into the bala-ship	AR RIM 5 35 317:1-3
bazi C40	1-2-5	S, PN ĝiri ₃ PN	animals with one ĝiri ₃ official for more individual	Santag 7 114:1-4
bazi C41	1-2-5-4-7	S, PN ĝiri ₃ PN PN maškim ša ₃ GN	animals with one ĝiri ₃ and one maškim official for one individual at GN	MVN 11 161:1-4
bazi C42	1-2-9-5	S, PN u ₄ uru-ni-še ₃ ba-ĝen-na ma ₂ -a ba-na-a-gub ĝiri ₃ PN	animals with one ĝiri ₃ official for one individual, they were loaded to a boat, when he/she went to his/her city	MVN 15 190:1-4
bazi C43	1-2-9-4	S, PN u ₄ ^d I ₇ -lu ₂ -ru-gu ₂ -še ₃ i ₃ -im-ĝen- na-a PN maškim	animals with one maškim official for one individual, when he/she went to the ordeal river	CST 401:1-3
bazi C44	1-2-9-4-7	S maš ₂ -da-re-a lugal, PN GN du-ni	animals as royal mašdarea, with one maškim official,	Ontario 1 82

Type	Component	Formula	Commentary	Example
		PN maškim ša ₃ GN1	for one individual, when he/she went to GN, at GN1	
bazi C45	1-2-4-7	S maš ₂ -da-re-a lugal ki PN-še ₃ <PN maškim> <ša ₃ GN>	animals as royal mašdarea, with one maškim official, for one individual, at GN	MVN 2 164:1-3
bazi D8	1-2-4	S1 uzu-a bala-še ₃ S2 KA-izi-še ₃ e ₂ uz-ga PN maškim	animals for producing cooked and roasted meat to the E'uzga, with one maškim official	PDT 2 1106:1-6
bazi E1	1-2	S šu-gid ₂ e ₂ muhaldim-še ₃	animals with the šu-gid- contingent for the "kitchen"	OIP 121 415:1-3
bazi E2	1-2	S šu-gid ₂ S ba-uš ₂ /ug ₇ e ₂ muhaldim-še ₃	animals with the šu-gid- contingent and dead animals for the "kitchen"	Princeton 2 23:1-6
bazi E6	1-2-4	S šu-gid ₂ e ₂ muhaldim mu aga ₃ -us ₂ -e-ne-še ₃ PN maškim	animals as the šu-gid- contingent with one maškim official to the "kitchen" for the soldiers	ArOr 25 559 9:1-7
bazi E11	1-2	S šu-gid ₂ e ₂ muhaldim mu aga ₃ -us ₂ -e-ne-še ₃	animals as the šu-gid- contingent to the "kitchen" for the soldiers	BIN 3 434:1-3
bazi E13	1-2	S ba-uš ₂ /ug ₇ e ₂ muhaldim-še ₃	dead animals for the "kitchen"	Princeton 2 110:1-2
bazi E19	1-2-4	S šu-gid ₂ e ₂ muhaldim lugal GN-še ₃ du-ni ma ₂ -a ba- a-ĝa ₂ -ar PN maškim	animals as the šu-gid for the "kitchen", with one maškim official, they were loaded to a boat, when king went to GN	PDT 1 461:1-6
bazi E25	1-2	S ba-uš ₂ /ug ₇ e ₂ muhaldim mu aga ₃ -us ₂ -e-ne-še ₃	animals as the šu-gid- contingent to the "kitchen" for the soldiers	HS 2251:1-4
bazi E26	1-2	S šu-gid ₂ S ba-uš ₂ /ug ₇ e ₂ muhaldim mu aga ₃ -us ₂ -e-ne-še ₃	animals as the šu-gid- contingent and dead animals to the "kitchen" for the soldiers	PDT 1 283:1-4
bazi E27	1-2-4	S šu-gid ₂ S ba-uš ₂ /ug ₇ e ₂ muhaldim mu aga ₃ -us ₂ -e-ne-še ₃	animals as the šu-gid- contingent and dead animals with one maškim official to the "kitchen" for	OIP 121 423:1-7

Type	Component	Formula	Commentary	Example
		PN maškim	the soldiers	
bazi E28	1-2-4	S1 mu kaš ₄ -ke ₄ -ne-še ₃ S2 šu-gid ₂ , S3 ba-uš ₂ /ug ₇ mu aga ₃ -us ₂ -e-ne-še ₃ e ₂ muhaldim-še ₃ PN maškim	animals for runners, animals as the šu-gid-contingent and dead animals for soldiers, to the “kitchen”, with one maškim official	PPAC 4 57:1-12
bazi E29	1-2-4	S1 mu kaš ₄ -ke ₄ -ne-še ₃ S2 mu aga ₃ -us ₂ -e-ne-še ₃ šu-gid ₂ e ₂ muhaldim PN maškim	animals for runners, animals for soldiers, all as the šu- gid-contingent, to the “kitchen”	OIP 121 428:1-8
bazi E30	1-2-4-7	S1 mu kaš ₄ -ke ₄ -ne-še ₃ S2 mu aga ₃ -us ₂ -e-ne-še ₃ e ₂ muhaldim PN maškim ša ₃ GN	animals for runners, animals for soldiers, to the “kitchen”, with one maškim official at GN	MVN 2 164:4-10
bazi E31	1-2-4-7	S1 mu PNr-še ₃ S2 mu kaš ₄ -ke ₄ -ne-še ₃ S3 mu aga ₃ -us ₂ -e-ne-še ₃ šu-gid ₂ e ₂ muhaldim PN maškim ša ₃ GN	animals for royal members, for runners, for soldiers, all as the šu-gid-contingent, to the “kitchen”, with one maškim official at GN	BPOA 7 1672:1-5
bazi E32	1-2-4	S1 mu kaš ₄ -ke ₄ -ne-še ₃ PN maškim S2 mu gar ₃ -du-e-ne-še ₃ šu-gid ₂ e ₂ muhaldim-še ₃	animals for runners, with one maškim official, animals for GAR ₃ .DU people, all as the šu-gid- contingent, to the “kitchen”	PDT 1 436:1-6
bazi E33	1-2-4	S1 mu kaš ₄ -ke ₄ -ne-še ₃ S2 mu gar ₃ -du-e-ne-še ₃ šu-gid ₂ e ₂ muhaldim-še ₃ PN maškim	animals for runners, for GAR ₃ .DU people, all as the šu-gid-contingent, to the “kitchen”, with one maškim	Erm 07898:1-8
bazi E34	1-2-4	S šu-gid ₂ e ₂ muhaldim mu kaš ₄ -ke ₄ -ne-še ₃ PN maškim	animals as the šu-gid- contingent to the “kitchen” for the runners, with one maškim official	Princeton 1 64:1-7
bazi E35	1-2	S šu-gid ₂ e ₂ muhaldim mu gar ₃ -du-e-ne-še ₃	animals as the šu-gid- contingent to the “kitchen” for GAR ₃ .DU people	PDT 2 1145:8-10
bazi E36	1-2-4	S šu-gid ₂ e ₂ muhaldim mu gar ₃ -du-e-ne-še ₃	animals as the šu-gid- contingent to the “kitchen” for GAR ₃ .DU people, with	BIN 3 403:4-8

Type	Component	Formula	Commentary	Example
		PN maškim	one maškim official	
bazi E37	1-2-7	S šu-gid ₂ e ₂ muhaldim mu gar ₃ -du-e-ne-še ₃ ša ₃ GN	animals as the šu-gid- contingent to the “kitchen” for GAR ₃ .DU people at GN	Ontario 1 81:1-5
bazi E38	1-2-4-7	S šu-gid ₂ e ₂ muhaldim mu gar ₃ -du-e-ne-še ₃ PN maškim ša ₃ GN	animals as the šu-gid- contingent to the “kitchen” for GAR ₃ .DU people, with one maškim official at GN	Ontario 1 81:1-5
bazi E39	1-2-4	S1 mu lu ₂ GN-ke ₄ -ne-še ₃ S2 mu gar ₃ -du-e-ne-še ₃ šu-gid ₂ e ₂ muhaldim PN maškim	animals for people of GN, animals for GAR ₃ .DU people, all as the šu-gid- contingent, to the “kitchen”, with one maškim official	Ontario 1 84:1-6
bazi E40	1-2-4-7	S šu-gid ₂ e ₂ muhaldim mu lu ₂ maš ₂ -da-re-a-ke ₄ -ne- še ₃ , gišbun _x (KI.BI) er ₂ -su ₃ -a PN maškim ša ₃ GN	animals as the šu-gid- contingent to the “kitchen” for people of mašdarea at the banquet of ersua- festival, with one maškim official at GN ¹⁷²³	OIP 121 429:1-9
bazi E41	1-2	S1 mu aga ₃ -us ₂ -e-ne-še ₃ S2 mu aga ₃ -us ₂ -e-ne-še ₃ lugal GN-še ₃ du-ni ma ₂ -a ba- a-ġa ₂ -ar, šu-gid ₂ e ₂ muhaldim S3 šu-gid ₂ S4 mu geme ₂ dumu ^d Inana-še ₃ S5 šu-gid ₂ , S6 ba-uš ₂ /ug ₇ mu aga ₃ -us ₂ -e-ne-še ₃	animals for soldiers, animals loaded to a boat for soldiers when the king went to GN, all as šu-gid to the “kitchen”; animals as šu- gid; animals for women and children of Inana, animals as šu-gid and dead animals for the soldiers	OIP 121 430:1-14
bazi E42	1-2-4	S, e ₂ muhaldim u ₄ PN-ke ₄ e ₂ -gi ₄ -a-ni ba-an- tum ₂ -ma-a PN maškim	animals for the “kitchen”, when PN brought his/her son-in-law, with one maškim official	AUCT 3 84:1-5
bazi F1	1-2	S ba-uš ₂ /ug ₇ e ₂ -kišib-ba-še ₃	dead animals for the storehouse	SAT 2 1083:1-2
bazi F8	1-2	S ba-uš ₂ /ug ₇ e ₂ -kišib-ba	dead animals to the storehouse for soldiers	AUCT 3 84

¹⁷²³ For the term er₂-su₃-a, see Sallaberger 1993: 191.

Type	Component	Formula	Commentary	Example
		mu aga ₃ -us ₂ -e-ne-še ₃		
bazi H10	1-2-6	S, M ba-uš ₂ /ug ₇ mu ur-gir ₁₅ -ra-še ₃ PN šu ba-ti, ugula PN1	dead animals for feeding dogs, PN received, overseen by PN1	PDT 2 1351:1-20

2.5.1.11 Brief summary

The total of number of animals, which Duga disbursed (ba-zi), is listed as follows (see Table 2.56):

Table 2.56 Statistics of the number of animals disbursed by Duga

Destination	Sheep	Goat	Subtotal
Cultic	65	5	70
Royal	6	0	6
Individual	59	2	61
E'uzga	0	2	2
Kitchen	1,790+	254+	2,044+
Storehouse	9	1	10
Dog	123	26	149
Total:	2,052+	290+	2,342+

2.5.2 The expenditure (i₃-dab₅) of animals transferred to bureaus and individuals

Duga transferred (i₃-dab₅) animals to two officials of the subordinate bureaus of the Puzriš-Dagan organization: Enlila (31 oxen)¹⁷²⁴ and Lu-saga (63+ sheep and 50 goats)¹⁷²⁵. Also, he transferred (i₃-dab₅) 286 sheep and 83 goats to five individuals: Ahanišu (7 sheep/goats, 6 sheep)¹⁷²⁶, Aradġu (the governor of Girsu) (279 sheep, 81 goats)¹⁷²⁷, Šeš-kala (1 sheep)¹⁷²⁸, Ur-eškuga (1 goat)¹⁷²⁹ and Ur-mes the brewer (1 goat)¹⁷³⁰.

The following six types of formulae are attested in the transfers (i₃-dab₅) of animals from

¹⁷²⁴ dEn-lil₂-la₂: BCT 1 55 (AS 9 xii d, kišib dib-ba didli / šu sum-ma). For Enlila, see Chapter 6.

¹⁷²⁵ Lu₂-sa₆-ga: Erm 07838 (AS 8 ix, bala Ur-^dNin-kur-ra ensi₂ Šuruppag^{ki}-ka ba-an-zi); CM 26 62 (AS 9 iii, bala ensi₂ Mar₂-da^{ki}-ka ba-an-zi). For the identification of the unnamed governor of Marda, see for example the text OIP 121 550 (AS 9 iii 2, Im-lik-E₂-a ensi₂ Mar₂-da^{ki}). For the name Im-lik-E₂-a, see Hilgert 2002: 189. For Lu-saga, see Chapter 8.

¹⁷²⁶ A-ha-ni-šu: PDT 1 331 (AS 8 ix, ġiri₃ Ur-^dNanše); AUCT 3 228 (AS 8 xii).

¹⁷²⁷ Arad₂-ġu₁₀: TRU 81 (AS 8 iis): Ġir₂-su^{ki}-še₃, ġiri₃ In-ta-e₃-a dub-sar lu₂ Ġir₂-su^{ki} “to Girsu, via Intaea the scribe, person of Girsu”. It is definitely certain that the individual Aradġu in this case is identified as the governor of Girsu. Also, the individual Intaea herein is most likely identical with Intaea, the official of the “central bureau”, and his identification is probably originated from Girsu. What is more, note that the particular month name zahda_x^{ze2}-da-da-gu₇ is attested in this text.

¹⁷²⁸ Šeš-kal-la: AUCT 3 261 (AS 8 xi).

¹⁷²⁹ Ur-eš₃-ku₃-ga: BIN 3 168 (AS 8 xi).

¹⁷³⁰ Ur-mes^{lu2}lunga: BIN 3 478 (AS 8 ix).

Duga to bureaus and individuals (see Table 2.57).

Table 2.57 Formulae attested in the transfers of animals from Duga

Type	Addition	Formula
idab002		S, ki B-ta, PN i_3 -dab ₅ , MY
idab041	(12)	S, bala PN-ka ba-an-zi, ki B-ta, PN i_3 -dab ₅ , MY
idab153	(8), (15)	S, GN-še ₃ , ġiri ₃ PN, u ₄ N-kam, ki B-ta, PN i_3 -dab ₅ , MY
idab154	(8), (18)	S šu-gid ₂ , ki B-ta, PN i_3 -dab ₅ , ġiri ₃ PN, MY
idab155	(18)	S šu-gid ₂ , ki B-ta, PN i_3 -dab ₅ , MY
idab156	(9)	S, kišib dib-ba didli, šu sum-ma PN, ki B-ta, PN i_3 -dab ₅ , MY

2.5.3 Additional administrative activities issued by Duga

2.5.3.1 The balanced account (niġ₂-kas₇-ak) issued by Duga

One text PDT 1 474, dated AS 9 xii diri, mentions that 1,595 sheep and 2,707 goats were designated as the deficit held back from the balanced account (la₂-ia₃ ib₂-tak₄ niġ₂-kas₇-ak) issued by Duga.

2.5.3.2 The pisan dub-ba-label issued by Duga

One text NYPL 211, dated AS 9 xii diri, is the pisan-dub-ba-label issued by Duga.

2.5.3.3 The receipt (i_3 -dab₅) of animals from deliveries (mu-DU)

The text OIP 121 596, dated AS 8, records that Duga received (i_3 -dab₅) the deliveries (mu-DU) of five goats designated as the “deficit compensated”¹⁷³¹, which formulates with mudu B8.

In addition, the text Erm 14573, dated AS 9 xii diri, records that Duga received the deliveries of 105 sheep and 35 goats from shepherds (ki sipa-e-ne-ta), which was overseen by Iphur, the chief herdsman. The text formulates with mudu B25.

2.5.4 Summary

2.5.4.1 Between AS 8 i 8 and AS 9 xii diri 30, Duga expended (ba-zi) 2,342+ animals for various destinations. Among them, 2,044+ animals were expended by Duga for the “kitchen”, which accounted for approximately 70 percent of the total number. Duga who replaced Intaea expended animals to the “kitchen” for runners, soldiers and the GAR₃.DU people; this was the principal and the most significant administrative activity of Duga.

2.5.4.2 Duga transferred (i_3 -dab₅) 520 animals to bureaus and individuals.

2.5.4.3 Duga received (i_3 -dab₅) the deliveries of 145 animals.

¹⁷³¹ See Hilgert 2003: 80.

2.5.4.4 The total number of animals is given below (see Table 2.58):

Table 2.58 Statistics of the number of animals disbursed, transferred and received by Duga

Transaction	Ox	Sheep	Goat	Subtotal
Disbursement	0	2,052+	290+	2,342+
Transfer	31	349	133	513
Receipt	0	105	40	145

3 The naGaBtum branch

The naGaBtum branch can be divided into two sub-organizations: Twin A (Chapter 3.1) and Twin B (Chapter 3.2). The former consists of four bureaus, namely the bureaus of Ahuni (see 3.1.1), Šulgi-a’āĝu (see 3.1.2), Šu-Mama (see 3.1.3) and Zubaga (see 3.1.4). While the latter consists of three bureaus, namely the bureaus of Lu-diĝira-IŠ (see 3.2.1), Ahu-Wer (see 3.2.2) and Igi-Enlilše (see 3.2.3).

3.1 Sub-organization (Twin A)

3.1.1 The Bureau of Ahuni

The administrative documents issued by Ahuni, the official of the naGaBtum branch, date between Š 44¹⁷³² to AS 1 x 27¹⁷³³, which spans a short period of roughly ten months during the reign of Amar-Suen. The successor of Ahuni at the naGaBtum branch is considered to be Šulgi-a’āĝu¹⁷³⁴. In addition, the administrative activities issued by Ahuni can be divided into the following categories:

1. The expenditure (ba-zi) of animals for cultic purposes, different individuals and the “kitchen”.
2. The expenditure (šu ba-ti) of dead animals accepted by Ur-niĝar.
3. Dealing with the new-born (u₃-tu-da) animals.
4. The receipt (i₃-dab₅) of animals from deliveries for Šulgi (mu-DU^dŠul-gi-ra).
5. Additional activities: the transfer of animals as “deficit compensated” from Ahuni to Nasa, and a pisan dub-ba-label issued by Ahuni.

3.1.1.1 The expenditure (ba-zi) of animals

Between AS 1 i 23 and AS 1 x 27, Ahuni expended (ba-zi) animals for cultic purposes (see 3.1.1.1.1), for different individuals (see 3.1.1.1.2) and for the “kitchen” (see 3.1.1.1.3).

3.1.1.1.1 For cultic purposes

3.1.1.1.1.1 For the deities

Ahuni expended (ba-zi) animals for 14 deities: Bau¹⁷³⁵, Dumuzi¹⁷³⁶, Enlil¹⁷³⁷, Inana¹⁷³⁸,

¹⁷³² Hirose 23 (Š 44 ii m 7): ki A-hu-ni-ta, Ur-ni₉-ĝar šu ba-ti “from Ahuni, Ur-niĝar received”.

¹⁷³³ Rochester 29 (AS 1 x 26, 27).

¹⁷³⁴ See Hilgert 2003: 43 and Tsouparopoulou 2008: 162-163. For Šulgi-a’āĝu, see Chapter 3.1.2.

¹⁷³⁵ ^dBa-u₂: AAICAB 1/4 Bod S 588:3 (AS 1 viii 26, niĝ₂-mussa^{sa2} ezem ^dBa-u₂ Ĝir₂-su^{ki}-še₃ “betrothal gift for the festival of Bau of Girsu”). For the phrase ezem ^dBa-u₂ Ĝir₂-su^{ki}, see Sallaberger 1993: 288-291.

¹⁷³⁶ ^dDumu-zi ša₃ Ki-nu-nir: AAICAB 1/4 Bod S 588:11 (AS 1 viii 26, niĝ₂-mussa^{sa2} ezem ^dBa-u₂ Ĝir₂-su^{ki}-še₃). For the deity Dumuzi, see Sallaberger 1993: 284 and Such-Gutiérrez 2003: 236-239.

¹⁷³⁷ ^dEn-lil₂: OIP 121 34:11,16 (AS 1 v 25, bala ensi₂ Adab^{ki}); JCS 52 36 12 (AS 1 viii 4); ASJ 7 123 18:2 (AS 1 viii

Ištaran¹⁷³⁹, Nanna¹⁷⁴⁰, Nanše¹⁷⁴¹, Nindara¹⁷⁴², Nin-Egaba¹⁷⁴³, Ningîrsu¹⁷⁴⁴, Ninlil¹⁷⁴⁵, Ninmar¹⁷⁴⁶, Ninurta¹⁷⁴⁷ and Nušku¹⁷⁴⁸.

3.1.1.1.1.2 For the late deified kings

Ahuni expended (ba-zi) animals for the libation place of Ur-Namma¹⁷⁴⁹ and for Šulgi¹⁷⁵⁰.

3.1.1.1.1.3 For additional cultic purposes

Ahuni expended (ba-zi) animals for Hursaġgalama¹⁷⁵¹ and for the “holy mound”¹⁷⁵².

3.1.1.1.2 For different individuals

Ahuni expended (ba-zi) animals for the following nine foreigners:

Duduli:	messenger of Hulibar ¹⁷⁵³
Ebla:	Ili-Dagan ¹⁷⁵⁴
Marhaši:	Nagizu the messenger of Arwilugbi ¹⁷⁵⁵ , messenger of Arwilugbi ¹⁷⁵⁶ , messenger of the son of Arwilugbi ¹⁷⁵⁷ , the son of Arwilugbi ¹⁷⁵⁸
Mari:	Išme-Dagan ¹⁷⁵⁹
Uršu:	Budur ¹⁷⁶⁰

10).

¹⁷³⁸ dInana: WCMA 20.1.08:1 (AS 1 ii 14, siskur₂ ša₃ e₂-gal “siskur-rite at the palace”); OIP 121 33:2 (AS 1 v 10, siskur₂ ša₃ e₂-gal); Erm 14818:2 (AS 1 ix 7, siskur₂ ša₃ e₂-gal).

¹⁷³⁹ dIštaran: WCMA 20.1.08:4 (AS 1 ii 14, siskur₂ ša₃ e₂-gal).

¹⁷⁴⁰ dNanna: Hirose 87:2 (AS 1 i 23, siskur₂ ša₃ e₂-gal); WCMA 20.1.08:6 (AS 1 ii 14, siskur₂ ša₃ e₂-gal); OIP 121 34:14 (AS 1 v 25, bala ensi₂ Adab^{ki}); OIP 121 37:1 (AS 1 ix 16, siskur₂ ša₃ e₂-gal).

¹⁷⁴¹ dNanše ša₃ Nina^{ki}: AAICAB 1/4 Bod S 588:9 (AS 1 viii 26, niġ₂-mussa^{sa2} ezem dBa-u₂ Ġir₂-su^{ki}-še₃). For the deity Nanše, see Sallaberger 1993: 284.

¹⁷⁴² dNin-dar-a ša₃ Ki-eš₃^{ki}: AAICAB 1/4 Bod S 588:13 (AS 1 viii 26, niġ₂-mussa^{sa2} ezem dBa-u₂ Ġir₂-su^{ki}-še₃). For the deity, see Sallaberger 1993: 284.

¹⁷⁴³ dNin-E₂-ga-ba: OIP 121 34:5 (AS 1 v 25). For this deity, see Cavigeaux and Krebernik 1998-2001b and Hilgert 2003: 50-51.

¹⁷⁴⁴ dNin-ġir₂-su ša₃ Ġir₂-su^{ki}: AAICAB 1/4 Bod S 588:6 (AS 1 viii 26, niġ₂-mussa^{sa2} ezem dBa-u₂ Ġir₂-su^{ki}-še₃). For this deity, see Sallaberger 1993: 284.

¹⁷⁴⁵ dNin-lil₂: OIP 121 34:13,17 (AS 1 v 25, bala ensi₂ Adab^{ki}); JCS 52 36 12:4 (AS 1 viii 4); ASJ 7 123 18:4 (AS 1 viii 10).

¹⁷⁴⁶ dNin-mar^{ki} ša₃ Gu₂-ab-ba^{ki}: AAICAB 1/4 Bod S 588:15 (AS 1 viii 26, niġ₂-mussa^{sa2} ezem dBa-u₂ Ġir₂-su^{ki}-še₃). For this deity, see Sallaberger 1993: 284.

¹⁷⁴⁷ dNin-urta: OIP 121 34:9 (AS 1 v 25).

¹⁷⁴⁸ dNusku: OIP 121 34:8 (AS 1 v 25).

¹⁷⁴⁹ ki-a-naġ Ur-dNamma: OIP 121 34:4 (AS 1 v 25). For ki-a-naġ Ur-dNamma, see Sallaberger 1993: 63-65.

¹⁷⁵⁰ dŠul-gi: PPAC 4 5:8 (AS 1 ii 12,27,29); OIP 121 34:10 (AS 1 v 25); MVN 13 122:7 (AS 1 vii 27); Rochester 29:7 (AS 1 x 26,27).

¹⁷⁵¹ Hur-saġ-ga-lam-ma: OIP 121 34:12 (AS 1 v 25). For the name Hur-saġ-ga-lam-ma, see Gibson 1972-1975 and Such-Gutiérrez 2003: 76-77.

¹⁷⁵² du₆-ku₃: MVN 13 122:5 (AS 1 vii 27). For the term du₆-ku₃, see Sallaberger 1993: 129, 253 and Such-Gutiérrez 2003: 88-92.

¹⁷⁵³ lu₂-kin-gi₄-a Hu-li-bar lu₂ Du₈-du₈-li₂^{ki}: ASJ 19 204 13:3 (AS 1 vi 21).

¹⁷⁵⁴ I₃-li₂-dDa-gan lu₂ Eb-la^{ki}: WCMA 20.1.08:9-10 (AS 1 ii 14); JCS 57 28 4:6 (AS 1 ii 23); BiMes 25 176 Wabash 1:5 (AS 1 ii 26); Erm 07615:1 (AS 1 ii 29).

¹⁷⁵⁵ Na-gi₄-zu lu₂-kin-gi₄-a Ar-[wi-lu-ug-bi]: WCMA 20.1.08:14 (AS 1 ii 14).

¹⁷⁵⁶ lu₂-kin-gi₄-a Ar-wi-lu-ug-bi lu₂ Mar-ha-ši^{ki}: ASJ 19 204 13:1 (AS 1 vi 21).

¹⁷⁵⁷ lu₂-kin-gi₄-a dumu Ar-wi-lu-ug-bi lu₂ Mar-ha-ši^{ki}: ASJ 19 204 13:2 (AS 1 vi 21).

¹⁷⁵⁸ ki dumu Ar-wi-[lu-ug-bi] lu₂ Mar-ha-ši^{ki}: CST 235:3 (AS 1 viii 17, Mar-ha-ši^{ki}-še₃).

¹⁷⁵⁹ Iš-me-dDa-gan lu₂ Ma-ri₂^{ki}: JCS 57 28 4:10 (AS 1 ii 23); BiMes 25 176 Wabash 1:8 (AS 1 ii 26); Erm 07615:3 (AS 1 ii 29). For this PN, see Owen 1992: 127.

¹⁷⁶⁰ Bu-du-ur₂ lu₂ Ur-šu^{ki}: WCMA 20.1.08:13 (AS 1 ii 14); JCS 57 28 4:8 (AS 1 ii 23); BiMes 25 176 Wabash 1:6 (AS 1 ii 26); Erm 07615:2 (AS 1 ii 29).

Amorite: Naplanum¹⁷⁶¹

In addition, Ahuni expended (ba-zi) animals for four additional individuals: Eštar-nuri¹⁷⁶², Šulgi-nada¹⁷⁶³, the mother of Kiššer¹⁷⁶⁴ and the incantation priest¹⁷⁶⁵.

3.1.1.1.3 For the “kitchen”

3.1.1.1.3.1 Ahuni expended (ba-zi) animals for the “kitchen”¹⁷⁶⁶.

3.1.1.1.3.2 Ahuni expended (ba-zi) animals to the “kitchen” for runners¹⁷⁶⁷.

3.1.1.1.3.3 Ahuni expended (ba-zi) animals to the “kitchen” for soldiers¹⁷⁶⁸.

3.1.1.1.3.4 Ahuni expended (ba-zi) animals to the “kitchen” for Marhuni and Umudareša, who were the persons of Harši¹⁷⁶⁹.

3.1.1.1.4 The ġiri₃- and/or maškim official

The ġiri₃- and/or maškim officials, who were responsible for the disbursements of animals by Ahuni (for cultic purposes, different individuals and the “kitchen”), are listed as follows (see Table 3.1):

Table 3.1 _ Distribution of ġiri₃ or/and maškim officials responsible for the disbursals of animals by Ahuni

ġiri ₃ /maškim	Cultic	Individuals	Kitchen
A-a-DIĜIR-ġu ₁₀ sagi			
Ab-ba-ġu ₁₀ sagi	y		
Arad ₂ -ġu ₁₀		x	x
Er ₃ -ra-na-da	x		
Ĝiri ₃ -ni sukkal			x
Lugal-i ₃ -mah sagi	y		
Lugal-KA-ġi-na (sukkal/kaš ₄)		y	
Na-ra-am-i ₃ -li ₂	x		
^d Nanše-ul ₄ -gal	x		
Nu-hi-DIĜIR sukkal	x		
Ri-ši ₂ -DIĜIR ra ₂ -gaba		x	
Šu- ^d EN.ZU sagi	x		

¹⁷⁶¹ ki Na-ap-la-num₂ mar-tu-še₃: BiMes 25 176 Wabash 1:3-4 (AS 1 ii 26, kur mar-tu-še₃ ma₂-a ba-a-gub “assigned to ‘mountain of Amorite’ by boats”).

¹⁷⁶² Eš₁₈-tar₂-nu-ri: BiMes 25 176 Wabash 1:10 (AS 1 ii 26).

¹⁷⁶³ ^dŠul-gi-na-da-ra: TRU 302:3 (AS 1 v 20).

¹⁷⁶⁴ ama Kiš-er: ASJ 19 204 13:5 (AS 1 vi 21, e₂-duru₅-ne-ne-še₃ “to village”). SAT 2 683:2 (AS 1 vi 26).

¹⁷⁶⁵ mu₁₃-mu₁₃-še₃: OIP 121 35:2 (AS 1 vii 23). For the term mu₁₃-mu₁₃ “Beschwörer”, see Sallaberger 1993: 67.

¹⁷⁶⁶ e₂ muhaldim: OIP 121 34:3, 20 (AS 1 v 25, bala ensi₂ Adab^{ki}).

¹⁷⁶⁷ e₂ muhaldim-še₃, mu kaš₄-ke₄-ne-še₃: JCS 57 28 4:2-3 (AS 1 ii 23).

¹⁷⁶⁸ šu-gid₂ e₂ muhaldim-še₃, mu aga₃-us₂-e-ne-še₃: Nik 2 509:6-7 (AS 1 vii 21); OIP 121 37:8-9 (AS 1 ix 16).

¹⁷⁶⁹ e₂ muahldim-še₃, mu Ma-ar-hu-ni u₃ U₄-mu-da-a-re-e-ša-a-še₃, lu₂ Ha-ar-ši^{ki}-me: HUCA 29 75 4:7-10 (AS 1 vi 25,26,27). For the reading of this name U₄-mu-da-a-re-e-ša-a which is possibly connected with Il-šu-mu-da-re-šu (AICAB 1/1 pl 54 1923-415), see Edzard 1972-1975.

	Cultic	Individuals	Kitchen
ġiri ₃ /maškim			
^d Šul-gi-ba-ni sagi	x		
zabar-dab ₅	x		

3.1.1.1.5 Formulary

The following 18 types of formulae are attested in the disbursements of animals by Ahuni for cultic purposes (bazi A43-A52), for different individuals (bazi C7, C46-C49), for the “kitchen” (bazi E6, E16, E43-E44) (see Table 3.2).

Table 3.2 Formulae attested in the disbursals of animals by Ahuni

Type	Component	Formula	Commentary	Example
bazi A43	1-2-4	<u>S, DN</u> PN maškim	animals with one maškim official for one deity	JCS 52 36 12:1-5
bazi A44	1-2-4-7	S, ki-a-nağ Ur- ^d Namma <PN maškim> <ša ₃ GN>	animals with one maškim official for the libation of Ur-Namma at GN	OIP 121 34:4,6-7
bazi A45	1-2-4-7	S, DN PN maškim <ša ₃ GN>	animals with one maškim official for one deity at GN	OIP 121 34:5-6,7
bazi A46	1-2-4 1-2-4 7	<u>S1, DN1</u> lugal ku ₄ -ra <u>S2, DN2</u> ku ₆ -da ku ₄ -ra ¹⁷⁷⁰ , PN maškim, <ša ₃ GN>	animals for deities at the royal presence; animals for deities with fish brought in, with one maškim official; at GN	OIP 121 34:8-18,21
bazi A47	1-2-5 1-2-4 8	S1, DN1, ġiri ₃ PN1 <u>S2, DN2, PN2 maškim</u> siskur ₂ ša ₃ e ₂ -gal	animals with two or more maškim officials and one ġiri ₃ official for more deities, for the rite at the palace	Nisaba 15 no xxx:1-8
bazi A48	1-2-8-4	S, DN siskur ₂ ša ₃ e ₂ -gal PN maškim	animals with one maškim official for one deity, for the rite at the palace	Hirose 87:1-4
bazi A49	1-2-8-4	S1, DN S2, du ₆ -ku ₃ S3, ^d Šul-gi niġ ₂ -ezem-ma du ₆ -ku ₃ - ga, PN maškim	animals for one deity, sacred mound, and Šulgi, at the festival of “sacred mound”, with one maškim official	MVN 13 122:1-9
bazi A50	1-2-8-5-4	S, DN	animals for one deity, as the	AAICAB 1/4 Bod S

¹⁷⁷⁰ For the term X-da ku₄-ra “mit X (= Weihung) eingebracht”, see Sallaberger 1993: 148.

Type	Component	Formula	Commentary	Example
		niĝ ₂ -mussa ^{sa2} ezem- dBa-u ₂ Ĝir ₂ -su ^{ki} -še ₃ ĝiri ₃ PN PN maškim	betrothal gift for the festival of Bau of Girsu, with one ĝiri ₃ and one maškim official	588:1-19
bazi A51	1-2	S1 šu-a-gi-na u ₄ N-kam S2 e ₂ -u ₄ -15 <i>iti u₄ N1 ba-zal</i> S3 e ₂ -u ₄ -sakar <i>iti u₄ N2 ba-zal</i> niĝ ₂ -diri sa ₂ -du ₁₁ dŠul-gi-ra	animals with šu-a-gi-na-contingent; animals for “Full-Moon-day”; animals for “Crescent-Moon-day”; as the niĝ ₂ -diri-offering and regular offering for Šulgi	PPAC 4 5:1-8
bazi A52	1-2-5-7	<u>S, <i>iti u₄ N ba-zal</i></u> niĝ ₂ -ezem-ma ab-e ₃ dŠul-gi-ra ĝiri ₃ PN ša ₃ GN	animals for Šulgi, at the festival of ab-e ₃ , with one ĝiri ₃ official at GN	Rochester 29:1-9
bazi C7	1-2-4	S, PN PN maškim	animals with one maškim official for one individual	BiMes 25 176 Wabash 1:10-11
bazi C46	1-2-9 1-2-5-4	S1, ki PN1-še ₃ kur mar-tu-še ₃ ma ₂ -a ba-a-gub <u>S2, PN2</u> ĝiri ₃ PN maškim PN	animals with one ĝiri ₃ official and one maškim official for PN1, they (=animals) were loaded to boat, when he/she went to the “Amorite mountain”	BiMes 25 176 Wabash 1:1-9
bazi C47	1-2-9-4-7	S, PN ki-ba ba-na-a-ĝar PN maškim ša ₃ GN	animals for one individual, replaced, with one maškim official, at GN	TRU 302:1-6*
bazi C48	1-2-7 1-2-7-5-4	<u>S1, PN1</u> ša ₃ GN S2, PN2 e ₂ -duru ₅ -ne-ne-še ₃ ĝiri ₃ PN PN maškim	animals for PN1 at GN; animals for PN2 to villages, with one ĝiri ₃ official and one maškim official	ASJ 19 204 13:1-8
bazi C49	1-2-5-4	<u>S, PN</u> ĝiri ₃ PN PN maškim	animals with one ĝiri ₃ official and one maškim official on behalf of one individual	Nisaba 15 no: 9-16
bazi E6	1-2-4	S šu-gid ₂ e ₂ muhaldim-še ₃ mu aga ₃ -us ₂ -e-ne-še ₃	animals as the šu-gid-contingent with one maškim official to the “kitchen” for the soldiers	Nik 2 509:1-8

Type	Component	Formula	Commentary	Example
		PN maškim		
bazi E16	1-2-7	S šu-gid ₂ e ₂ muhaldim-še ₃ ša ₃ GN	animals with the šu-gid-contingent to the “kitchen” at GN	OIP 121 34:20-21
bazi E43	1-2-7	S, e ₂ muhaldim-še ₃ mu kaš ₄ -e-ne-še ₃ ša ₃ GN	animals to the “kitchen” for the runners at GN	JCS 57 28 4:1-4
bazi E44	1-2-4	S, <i>iti u₄ N ba-zal</i> e ₂ muhaldim-še ₃ mu PN-še ₃ PN maškim	animals to the “kitchen” for PN, with one maškim official	HUCA 29 75 4:1-11

3.1.1.2 The expenditure (šu ba-ti) of dead animals accepted by Ur-niġar

Apart from expending (ba-zi) animals for various purposes, Ahuni also expended 368 dead animals (15 oxen, 271 sheep and 82 goats) which were accepted (šu ba-ti) by Ur-niġar between AS 1 i 30 and AS 1 x 24¹⁷⁷¹. Among them, four white goats were received from Ahuni by Ur-niġar at a place called Wataltum (see Table 3.3).

Table 3.3 Monthly distribution of dead animals accepted from Ahuni by Ur-niġar

	i	ii	iii	iv	v	vi	vii	viii	ix	x	xi	xii	Sum
AS 1	18	32	0	57	47	0	41	70	69	34	0	0	368

The chart illustrates that the highest number of dead animals accepted from Ahuni by Ur-niġar occurs in AS 1 viii, followed by AS 1 ix. Also, the gap month of dead animals accepted by Ur-niġar lies in AS 1 iii, vi, xi, and xii.

In addition, the following two types of formulae (sbt001 and sbt002) are attested in the transactions of dead animals from Ahuni to Ur-niġar:

¹⁷⁷¹ ki A-hu-ni-ta, Ur-ni₉-ġar šu ba-ti: SET 29 (AS 1 i 30); BIN 3 521 (AS 1 ii 17); MVN 2 321 (AS 1 iv 2); Nik 2 510 (AS 1 iv 3); JCS 39 123 8 (AS 1 iv 13); CST 225 (AS 1 iv 17); NYPL 58 (AS 1 iv 25); MVN 2 326 (AS 1 iv 28); Erm 14795 (AS 1 v 2); South Dakota 34 (AS 1 v 9); NYPL 130 (AS 1 v 14); PDT 2 1180 (AS 1 v 23); BIN 3 31 (AS 1 v 25); Nisaba 8 133 (AS 1 v 29); ASJ 11 324 9 (AS 1 vii 5); TCND 306 (AS 1 vii 12); PDT 2 1099 (AS 1 vii 15, ša₃ Wa-ta₂-al-tum “at Wataltum”); MVN 2 329 (AS 1 vii 21); MVN 15 326 (AS 1 vii 24); KM 81.4.116 (AS 1 vii 26); NYPL 32 (AS 1 vii 28); SAT 2 684 (AS 1 viii 3); CST 233 (AS 1 viii 11, ša₃ Wa-ta₂-al-tum); Hirose 92 (AS 1 viii 13); Hirose 93 (AS 1 viii 17); Atiqot 4 pl.10 56 (AS 1 viii 20, ša₃ Wa-ta₂-al-tum); UCP 9-2-2 55 (AS 1 viii 21); OIP 121 36 (AS 1 viii 26); JCS 40 116 1 (AS 1 viii 27); MVN 13 435 (AS 1 ix 7); Hirose 96 (AS 1 ix 8); Erm 14838 (AS 1 ix 9); Hirose 97 (AS 1 ix 20); Princeton 2 361 (AS 1 ix 28, ša₃ Wa-ta₂-al-tum); TCND 307 (AS 1 ix 30); Erm 14778 (AS 1 x 1); NYPL 129 (AS 1 x 24). For Wataltum, see Archi and Pomponio 1990: 154.

sbt001S ba-uš₂/ug₇u₄ N-kam

ki B-ta

PN šu ba-ti

M/Y

sbt002S1 ša₃ Wa-ta₂-al-tumS2 ba-uš₂/ug₇u₄ N-kam

ki B-ta

PN šu ba-ti

M/Y

3.1.1.3 Dealing with the new-born animals (u₃-tu-da)

Between AS 1 iii 14 and AS 1 viii 27, two oxen, 60 sheep and 36 goats, all sucklings, were new born at the place of Ahuni (ki A-hu-ni)¹⁷⁷², which were recorded using the same formula (utuda001). Between AS 1 ix 4 and AS 1 x 29, Ahuni received (i₃-dab₅) 236 sheep and 225 goats, all new-born¹⁷⁷³, which were recorded using the same formula (utuda002). Furthermore, in AS 1 x 28, Ahuni received three oxen and 22 sheep, all new-born at the naGaBtum branch¹⁷⁷⁴, with the formula (utuda003). The formulae are given below:

utuda001

S

u₃-tu-dau₄ N-kam

ki B

M/Y

utuda002

S

u₃-tu-dau₄ N-kamB i₃-dab₅

M/Y

utuda003S, u₄ N-kamu₃-tu-daša₃ na-KAB-tum-maB i₃-dab₅

M/Y

3.1.1.4 The receipt (i₃-dab₅) of animals from the deliveries for Šulgi (mu-DU^dŠul-gi-ra)

Four texts record that Ahuni received (i₃-dab₅) the deliveries of animals for Šulgi (mu-DU^dŠul-gi-ra). Specifically, the text PDT 2 1182 dated AS 1 ii 10 mentions that Ahuni received the delivery of one goat for Šulgi. The text CST 227, dated between Day 25 and Day 30 of AS 1 iv, mentions that Ahuni received the deliveries of five sheep and three goats for Šulgi. The text AAICAB 1/2 pl. 120 1967-1489, dated AS 1 v, mentions that Ahuni received the royal deliveries of two sheep for Šulgi. The text MVN 9 220 dated AS 1 ii lists the deliveries for Šulgi which were

¹⁷⁷² ki A-hu-ni: Nisaba 8 213 (AS 1 iii 14); SACT 1 68 (AS 1 iii 18); NYPL 200 (AS 1 iv 7); TCND 393 (AS 1 iv 12); PDT 1 224 (AS 1 iv 15); BIN 3 371 (AS 1 vi 18); AAICAB 1/1 pl 78 1924-1701 (AS 1 vi 25); Mes 8-9 151 7 (AS 1 vii 3); MVN 13 91 (AS 1 vii 22); Hirose 94 (AS 1 viii 23); BPOA 6 685 (AS 1 viii 27).

¹⁷⁷³ A-hu-ni i₃-dab₅: Hirose 95 (AS 1 ix 4); South Dakota 31 (AS 1 ix 10); Princeton 1 30 (AS 1 ix 11); TCND 82 (AS 1 ix 16); Nisaba 8 183 (AS 1 ix 17); TCND 83 (AS 1 ix 18); Nisaba 8 268 (AS 1 ix 25); OIP 121 59 (AS 1 ix 28); Nisaba 8 271 (AS 1 x 7); MVN 13 92 (AS 1 x 12); ASJ 11 322 1 (AS 1 x 13); Princeton 2 479 (AS 1 x 21); Nisaba 8 279 (AS 1 x 23); AuOr Suppl 11 20 (AS 1 x 29).

¹⁷⁷⁴ ša₃ na-KAB-tum-ma, A-hu-ni i₃-dab₅: OIP 121 60 (AS 1 x 28).

received by Ahuni: one goat from Baba'a in Day 14, and three sheep as royal deliveries on days 18, 19 and 26. The following four types of formulae (mudu C24-26, D10) are attested in the receipts of the deliveries animals by Ahuni for Šulgi.

mudu C24	mudu C25	mudu C26	mudu D10
<u>S, u₄ N-kam</u>	S1, PN, u ₄ N-kam	S	<u>S1, PN, u₄ N-kam</u>
ša ₃ mu-DU lugal-ta	<u>S2, u₄ N-kam</u> , ša ₃ mu-DU	mu-DU ^d Šul-gi-ra	S2, ša ₃ mu-DU lugal-ta
mu-DU ^d Šul-gi-ra	lugal	u ₄ N-kam	<u>S3, PN, u₄ N-kam</u>
B i ₃ -dab ₅	mu-DU ^d Šul-gi-ra	B i ₃ -dab ₅	mu-DU ^d Šul-gi-ra
ġiri ₃ A-bu-bu	B i ₃ -dab ₅	ġiri ₃ A-bu-bu	B i ₃ -dab ₅
M/Y	M/Y	M/Y	ġiri ₃ A-bu-bu
(AAICAB 1/2 pl. 120 1967-1489)	(MVN 9 220)	(PDT 2 1182)	M/Y (CST 227)

3.1.1.5 Additional administrative activities issued by Ahuni

3.1.1.5.1 One text OIP 121 32, dated to AS 1 ii, mentions that five oxen designated as “deficit compensated” (la₂-ia₃ su-ga) were received (i₃-dab₅) by Nasa from Ahuni.

3.1.1.5.2 The text Ontario 1 1 is a pisan dub-ba-label dated AS 1 x issued by Ahuni.

3.1.1.6 Summary

3.1.1.6.1 Between AS 1 i 23 and AS 1 x 27, Ahuni expended (ba-zi) 88 animals (7 oxen, 72 sheep, 9 goats) for cultic purposes, 27 animals (4 oxen, 11 sheep, 12 goats) for different individuals and 229 animals (2 oxen, 120 sheep, 107 goats) for the “kitchen”.

3.1.1.6.2 Between AS 1 i 30 and AS 1 x 24, Ahuni expended (šu ba-ti) 368 dead animals (15 oxen, 271 sheep and 82 goats) which were accepted by Ur-niġar.

3.1.1.6.3 Between AS 1 iii 14 and AS 1 x 29, Ahuni dealt with 584 new-born animals (5 oxen, 318 sheep, 261 goats).

3.1.2 The Bureau of Šulgi-a'aĝu

The administrative documents issued by the bureau of Šulgi-a'aĝu, who replaced Ahuni as the official of the naGaBtum branch, date between Š 40¹⁷⁷⁵ and AS 6 ii 23¹⁷⁷⁶. The successor of Šulgi-a'aĝu at the naGaBtum branch is probably considered to be Šu-Mama¹⁷⁷⁷. In addition, the administrative activities issued by Šulgi-a'aĝu can be divided into the following categories:

1. The expenditure (ba-zi) of animals for cultic purposes, members of the royal household, different individuals, the E'uzga, the "kitchen", transferring to various individuals, producing meat, and additional purposes.
2. The expenditure (šu ba-ti) of dead animals accepted by Ur-niĝar/Šulgi-iriĝu.
3. The expenditure (i₃-dab₅) of animals transferred to bureaus and individuals.
4. Dealing with new-born (u₃-tu-da) animals.
5. Additions: one receipt (i₃-dab₅) of animals from deliveries for Šulgi (mu-DU ^dŠul-gi-ra), and one label recording the withdrawal (zi-ga) of animals.

3.1.2.1 The expenditure (ba-zi) of animals

Between AS 1 xi 3 and AS 6 ii 23, Šulgi-a'aĝu expended (ba-zi) animals for cultic purposes (see 3.1.2.1.1), for members of the royal household (see 3.1.2.1.2), for different individuals (see 3.1.2.1.3), for the E'uzga (see 3.1.2.1.4), for the "kitchen" (see 3.1.2.1.5), and for other purposes (see 3.1.2.1.6).

3.1.2.1.1 For cultic purposes

3.1.2.1.1.1 For deities

Šulgi-a'aĝu expended (ba-zi) animals for the following deities: Bau¹⁷⁷⁸, Dumuzi¹⁷⁷⁹, Enlil¹⁷⁸⁰, Enlil-Ninlil¹⁷⁸¹, Ensigalabzu¹⁷⁸², Inana¹⁷⁸³, Nanna¹⁷⁸⁴/Suen¹⁷⁸⁵, Nanše¹⁷⁸⁶, Nindara¹⁷⁸⁷, Ningirsu¹⁷⁸⁸,

¹⁷⁷⁵ SAT 2 259 (Š 40 vi): ki ^dŠul-gi-a-a-ĝu₁₀-ta, mu Ta₂-di₂-Eš₁₈-tar₂-še₃, Ur-eš₃-lil₂-la₂ i₃-dab₅ "from Šulgi-a'aĝu, on behalf of Taddin-Eštar, Ur-ešlila took in charge". This text is the only one text issued by Šulgi-a'aĝu dated Š 40. Also, one text PPAC 4 145 dates to Š 43 iv 15 issued by Šulgi-a'aĝu. Apart from the two text dated before Š 44, the other texts issued by Šulgi-a'aĝu date from Š 44 ii (BIN 3 9).

¹⁷⁷⁶ MVN 13 579 (AS 6 ii 23).

¹⁷⁷⁷ See Tsouparopoulou 2008: 162-165. For Šu-Mama, see Chapter 3.1.3.

¹⁷⁷⁸ ^dBa-u₂ ša₃ Ĝir₂-su^{ki}: UTI 6 3782:6 (AS 3 vii 22, niĝ₂-mussa^{sa2} ezem ^dBa-u₂ Ĝir₂-su^{ki}-še₃ "betrothal gift for Bau-festival of Girsu").

¹⁷⁷⁹ ^dDumu-zi ša₃ Ki-nu-nir: MVN 15 110:7-8 (AS 2 xii 20, ezem še-il₂-la Ĝir₂-su^{ki}-še₃ "for šeilla-festival of Girsu"); UTI 6 3782:10 (AS 3 vii 22, niĝ₂-mussa^{sa2} ezem ^dBa-u₂ Ĝir₂-su^{ki}-še₃). For the term ezem še-il₂-la „Hochhebens der Gerste“, see Sallaberger 1993: 294.

¹⁷⁸⁰ ^dEn-lil₂: USC 6809:2 (AS 3 v 5, siskur₂ ki ^dEN.ZU e₂-u₄-7 "siskur-rite for the place of Suen during the Seventh-Day-festival"); JCS 52 40 37:4 (AS 4 xi 9); MVN 13 579:3 (AS 6 ii 23).

¹⁷⁸¹ ^dEn-lil₂ ^dNin-lil₂: OIP 121 40:3 (AS 3 viii 6); PPAC 4 62:3 (AS 4 viii 4); Hirose 162:3 (AS 4 viii 6); Hirose 176:3 (AS 5 - 16).

¹⁷⁸² ^dEnsi₂-gal-ab-zu: CST 286:7 (AS 3 xii 28, siskur₂ ša₃ kaskal). For this deity and the term siskur₂ ša₃ kaskal „Riten auf der Reise“, see Sallaberger 1993: 225.

¹⁷⁸³ ^dInana: RA 9 46 SA 72 (pl.3):8 (AS 1 xi 3); Ontario 1 112:2 (AS 1 xi 25, ^dEn-lil₂-la₂-i₃-sa₆ i₃-dab₅ "Enlila-isa took over"); Fs Hallo 182:4 (AS 2 vii 21); USC 6809:8 (AS 3 v 5, siskur₂ ki ^dEN.ZU e₂-u₄-7); CST 286:4-5 (AS 3

Ninĝišzida¹⁷⁸⁹, Nin-Isin¹⁷⁹⁰, Ninlil¹⁷⁹¹/Sud¹⁷⁹², Ninmar¹⁷⁹³, Nintu¹⁷⁹⁴, Ninurta¹⁷⁹⁵ and Nungal¹⁷⁹⁶.

3.1.2.1.1.2 For the late deified kings

Šulgi-a'āgu expended (ba-zi) animals for the libation place of Ur-Namma¹⁷⁹⁷, for Šulgi¹⁷⁹⁸ and for the throne of Šulgi¹⁷⁹⁹.

3.1.2.1.1.3 For additional cultic purposes

Šulgi-a'āgu expended (ba-zi) animals for the throne of the *en*-priest(ess)¹⁸⁰⁰, for the festival of the boat of An¹⁸⁰¹, for the GAN₂-maš-festival at Girsu¹⁸⁰², for the “peg attached” (kak-gu-la₂)¹⁸⁰³, and for the “whip of the conjurer”¹⁸⁰⁴.

3.1.2.1.2 For members of the royal household

Šulgi-a'āgu expended (ba-zi) animals for the following eight members of the royal household: the king (Amar-Suen)¹⁸⁰⁵, Abisimti (wife of Amar-Suen)¹⁸⁰⁶, Ahuni (son of Amar-Suen)¹⁸⁰⁷, Ibbi-

xii 28, siskur₂ ša₃ kaskal); MVN 5 111:1 (AS 4 v 9); SACT 1 154:8 (AS 4 xi 3); TCND 395:2-3 (AS 4 xi 10); Erm 14597:4 (AS 5 i 13, siskur₂ ša₃ e₂-gal “siskur-rite at the palace”); PDT 2 1171:2 (AS 5 v 9); MVN 9 204:1-2 (AS 5 viii 29, mu ME-^dIštaran-še₃ “on behalf of ME-Ištaran”).

¹⁷⁸⁴ ^dNanna: MVN 15 80:2-3 (AS 4 ix 26, ^dNanna-ki-aĝ₂ šabra i₃-dab₅); PPAC 4 67:2 (AS 4 x 28, igi tu-a). For the phrase igi tu-a „erblickt habend“, see Sallaberger 1993: 54.

¹⁷⁸⁵ (ki) ^dEN.ZU: USC 6809:6 (AS 3 v 5, siskur₂ ki ^dEN.ZU e₂-u₄-7); CST 286:3 (AS 3 xii 28, e₂-u₄-sakar); Erm 14597:3 (AS 5 i 13, e₂-u₄-15). For the phrase ki ^dEN.ZU “Stelle des Su'en”, see Sallaberger 1993: 50-51.

¹⁷⁸⁶ ^dNanše ša₃ Nina^{ki}: UTI 6 3782:8 (AS 3 vii 22, niĝ₂-mussa^{sa2} ezem ^dBa-u₂ Ĝir₂-su^{ki}-še₃).

¹⁷⁸⁷ ^dNin-dar-a ša₃ Ki-es₃^{ki}: UTI 6 3782:12 (AS 3 vii 22, niĝ₂-mussa^{sa2} ezem ^dBa-u₂ Ĝir₂-su^{ki}-še₃).

¹⁷⁸⁸ ^dNin-ĝir₂-su: MVN 15 110:3-4 (AS 2 xii 20, ezem še-il₂-la Ĝir₂-su^{ki}-še₃); UTI 6 3782:3 (AS 3 vii 22, niĝ₂-mussa^{sa2} ezem ^dBa-u₂ Ĝir₂-su^{ki}-še₃).

¹⁷⁸⁹ ^dNin-ĝiš₂-zi-da: CST 286:6 (AS 3 xii 28, siskur₂ ša₃ kaskal).

¹⁷⁹⁰ ^dNin-Isin₂^{si}: BCT 1 90:1-2 (AS 4 v 15); SACT 1 154:5 (AS 4 xi 3, u₄ Umma^{ki}-ta i₃-im-ĝen-na-a “when he came from Umma”).

¹⁷⁹¹ ^dNin-lil₂: JCS 52 40 37:6 (AS 4 xi 9); PPAC 4 99:2 (AS 5 xii 8).

¹⁷⁹² ^dSud₃: PPAC 4 67:3 (AS 4 x 28).

¹⁷⁹³ ^dNin-mar^{ki} ša₃ Gu₂-ab-ba^{ki}: MVN 15 110:10-11 (AS 2 xii 20, ezem še-il₂-la Ĝir₂-su^{ki}-še₃); UTI 6 3782:14 (AS 3 vii 22, niĝ₂-mussa^{sa2} ezem ^dBa-u₂ Ĝir₂-su^{ki}-še₃).

¹⁷⁹⁴ ^dNin-tu: AuOr Suppl 11 99:12 (AS 4 v 6); BCT 1 90:4-5 (AS 4 v 15). For this deity, see Sallaberger 1993: 104.

¹⁷⁹⁵ ^dNin-urta: TRU 328:1 (AS 5 i 20).

¹⁷⁹⁶ ^dNun-gal: USC 6572:2 (AS 3 xi 21); MVN 5 111:3 (AS 4 v 9).

¹⁷⁹⁷ ki-a-naĝ Ur-^dNamma: Babyloniaca 7 pl.21 14:3 (AS 3 xi 3); PDT 1 417:8 (AS 4 ix m 14).

¹⁷⁹⁸ ^dŠul-gi-ra: SACT 1 152:7 (AS 4 vii 12,27,29); TCND 259:6 (AS 4 xi); JAC 23 66:8 (AS 5 i 12,30); Nisaba 8 373:7 (AS 5 xi).

¹⁷⁹⁹ ^{ĝis}gu-za ^dŠul-gi-ra: PDT 1 417:4 (AS 4 ix m 14, niĝ₂-ezem-ma ab-e₃ ^dŠul-gi-ra u₃ Ur-^dNamma). For the clause niĝ₂-ezem-ma ab-e₃ ^dŠul-gi-ra u₃ Ur-^dNamma “festival-gift for Šulgi and Ur-Namma”, see Sallaberger 1993: 147.

¹⁸⁰⁰ ^{ĝis}gu-za en-(na): Erm 14597:7 (AS 5 i 13); CDLJ 2008/2 8:2 (AS 6 i 15).

¹⁸⁰¹ ezem ma₂ An-na: Fs Hallo 182:3 (AS 2 vii 21). For the phrase ezem ma₂ An-na „Fest des Schiffes Ans“, see Sallaberger 1993:216-219.

¹⁸⁰² ezem GAN₂-maš Ĝir₂-su^{ki}-še₃: Princeton 1 88:2 = Rippon 2 (AS 4 i 29). For the phrase ezem GAN₂-maš „GAN₂-maš-Fest“, see Sallaberger 1993: 281.

¹⁸⁰³ kak-gu-la₂-še₃: AnOr Suppl.11 96:2 (AS 2 iv 1); TCND 232:5 (AS 2 xi 15); OIP 121 41:13 (AS 3 ix 10). For the term kak-gu-la₂ „Pflock, (an den) gebunden ist“, see Such-Gutiérrez 2003: 125.

¹⁸⁰⁴ hu-ul-dub₂-še₃: Hirose 167:3 (AS 4 ix m 18, Lu₂-diĝir-ra lu₂-mu₁₃-mu₁₃ i₃-dab₅ “Lu-diĝira the summoner took over”). For the term hu-ul-dub₂, also spelled as hul-dub₂ “fouet du conjurateur”, see Sigrist 1992: 176. For the term lu₂-mu₁₃-mu₁₃ „Beschwörer“, see Sallaberger 1993: 67.

¹⁸⁰⁵ ki lugal-še₃ ku₄-ra “entering into the royal place”: OIP 121 44:2 (AS 4 i 25, ša₃ ma₂ lugal-ka “at the royal boat”). ne-mur-ta ba-šeg₆ ki lugal-še₃ ba-de₆/-an-ku₄ “cooked by ashes entering into royal place”: RA 9 48 SA 107 (pl.3):7-8 (AS 3 x 20,29); Nisaba 8 188:2-4 (AS 4 i 24+); BIN 3 74:2-4 (AS 4 i 26); TRU 327:2-3 (AS 4 x 5). sa₂-du₁₁ lugal “regular offering for king”: Rocznik MNW 25 60 B:11 (AS 4 vii).

¹⁸⁰⁶ A-bi₂-si₂-im-ti: SumRecDreh 15:2 (AS 2 v, sa₂-du₁₁); Erm 14861:2 (AS 4 ix m); OIP 121 48:2-3 (AS 4 x 26, u₄-nu₂-a-ka e₂-gal ba-an-ku₄); TCND 259:8 (AS 4 xi, sa₂-du₁₁); Nisaba 8 373:11 (AS 5 xi). For the clause u₄-nu₂-a-ka

Ištaran (son of Amar-Suen)¹⁸⁰⁸, ME-Ištaran (daughter of Amar-Suen)¹⁸⁰⁹, ME-Šulgi (daughter of Amar-Suen)¹⁸¹⁰, Ninlile-makiāg (daughter of Amar-Suen)¹⁸¹¹, Tulid-Šamši (*ereš-diġir*-priestess of Suen)¹⁸¹².

3.1.2.1.3 For different individuals

Šulgi-a'āgu expended (ba-zi) animals for the following 20 foreigners:

Ebla:	Ili-Dagan ¹⁸¹³
Gubla:	Ibati ¹⁸¹⁴
Harši:	Marhuni ¹⁸¹⁵
Hurti:	Gu'ud ¹⁸¹⁶
Iamatum:	Dulganum ¹⁸¹⁷
Manum:	Puzur-am ¹⁸¹⁸
Marhaši:	Amur-ilum ¹⁸¹⁹ , Libanašgubi ¹⁸²⁰
Mari:	E'um ¹⁸²¹ , Puzur-Mama ¹⁸²² , Šu-Mama ¹⁸²³
Šigirišum:	Gudu ¹⁸²⁴ (when he was ill)
Šimanum:	Bušam ¹⁸²⁵

e₂-gal ba-an-ku₄ A-bi₂-si₂-im-ti „(Tiere) werden (aus Anlaß) des Schwarzmontages in den Palast gebracht, für Abī-simti (nach Ur)“, see Sallaberger 1993: 62.

¹⁸⁰⁷ A-hu-ni dumu lugal: Tavolette 336:2-4 (AS 2 iv 10, niġ₂-mussa^{sa2} e₂-zabar-dab₅-še₃ “betrothal gift to the house of the zabar-dab-official”).

¹⁸⁰⁸ I-bi₂-^dIštaran dumu lugal: BCT 1 78:7 (AS 3 xi 16).

¹⁸⁰⁹ ME-^dIštaran dumu-munus lugal: SACT 1 154:11 (AS 4 xi 3).

¹⁸¹⁰ ME-^dŠul-gi dumu-munus lugal: RA 9 42 SA 12 (pl.1):2 (AS 2 i 18).

¹⁸¹¹ ^dNin-lil₂-e-ma-na!(KI)-aġ₂: AuOr Suppl. 11 99:3 (AS 4 v 6, u₄ dumu in-tu-da-a “when she gave birth to a child”). For this person identified as a royal member, see Frayne 1997: 267.

¹⁸¹² Tu-li₂-id-^dŠamši^š ereš-diġir ^dEN.ZU: OIP 121 39:4-6 (AS 2 xi 19, u₄ du₆-babbar₂-še₃ i₃-ġen-na-a “when she went to the White-mound”). For this royal member, see Sallaberger 1993: 139 and Such-Gutiérrez 2003: 265-266.

¹⁸¹³ I₃-li₂-^dDa-gan lu₂ Eb-la^{ki}: BiMes 25 151 53:4 (AS 2 iii 13); JCS 7 104 61 27:2 (AS 2 iii 20); LAOS 1 28:10 (AS 2 v 16); Fs Hallo 182:9 (AS 2 vii 21).

¹⁸¹⁴ I-ba-ti lu₂-kin-gi₄-a Ib-da-ti ensi₂ Gu₅-ub-la^{ki}: AuOr Suppl.11 99:19 (AS 4 v 6); MVN 5 111:19 (AS 4 v 9). For the names Ibati, Ibdati and Gubla, see Owen 1992: 122.

¹⁸¹⁵ Mar-hu-ni lu₂ Ha-ar-ši^{ki}: CUSAS 16 296:2 (AS 2 xi 11); Ontario 1 111:5 (AS 3 vii 17,18); Babyloniaca 7 pl.21 14:5 (AS 3 xi 3).

¹⁸¹⁶ Gu-u₂-ud lu₂ Hu-ur-ti-EN^{ki}: PPAC 4 67:5 (AS 4 x 28).

¹⁸¹⁷ Du-ul-ga-nu-um lu₂ I₃-a-ma-ti-um^{ki}: Fs Hallo 182:11 (AS 2 vii 21). For the PN Du-ul-ga-nu-um (or Du-ul-qa₂-nu-um, Du-ul-qa₂-num₂) and the GN I₃-a-ma-ti-um (or Ia₃-a-ma-di₃-um, Ia₃-a-ma-di₃) read as Dulqanum and Ia'madium (Yaḥmadu), respectively, see Owen 1992: 122 and Owen 1993a, in which Dulqanum was also known as an Amorite.

¹⁸¹⁸ PU₃-ŠA-am lu₂ Ma-ni-um^{ki}: RA 9 42 SA 12 (pl.1):5 (AS 2 i 18).

¹⁸¹⁹ A-mur-DIĠIR lu₂-kin-gi₄-a Li-ba-nu-ug-ša-ba-aš ensi₂ Mar-ha-ši^{ki}: CST 286:10 (AS 3 xii 28); RSO 9 474 P370:1 (AS 4 iii 22); AuOr Suppl.11 99:14 (AS 4 v 6); MVN 5 111:15 (AS 4 v 9); BCT 1 90:7 (AS 4 v 15); CDLJ 2012/1 4.35 1-2 (AS 4 iii 16). Note that Amur-ilum was as the messenger of Marhaši dated from AS 3 to AS 4. From AS 5, he was replaced by Libanašgubi.

¹⁸²⁰ Li-ba-an-aš-gu-bi lu₂-kin-gi₄-a Li-ba-nu-ug-ša-ba-aš ensi₂ Mar-ha-ši^{ki}: PDT 2 1171:6 (AS 5 v 9); Erm 07561:5-6 (AS 5 xi 13).

¹⁸²¹ E₂-um lu₂ Ma-ri₂^{ki}: CDLJ 2012/1 4.35 (AS 4 iii 16); RSO 9 474 P370 (AS 4 iii 22); AuOr Suppl.11 99 (AS 4 v 6); MVN 5 111 (AS 4 v 9).

¹⁸²² PU₃-ŠA-Ma-ma lu₂ Ma-ri₂^{ki}: BiMes 25 151 53:2 (AS 2 iii 13); JCS 7 104 61 27:1 (AS 2 iii 20); LAOS 1 28:9 (AS 2 v 16); Fs Hallo 182:10 (AS 2 vii 21). For this name, see Owen 1992:128 (Puzur-Mama).

¹⁸²³ Šu-Ma-ma lu₂ Ma-ri₂^{ki}: TCND 232:9 (AS 2 xi 15).

¹⁸²⁴ Gu-du lu₂ Ši-gi-ri-šum: JCS 52 40 37:11-12 (AS 4 xi 9, u₄ tu-ra i₃-me-a “when he was ill”).

¹⁸²⁵ Bu-ša-am lu₂ Ši-ma-ni-um^{ki}: Orient 16 45 22:3 (AS 2 i 16); Nisaba 8 156:2 (AS 2 i 20); PDT 2 1092:2 (AS 2 i

Šimaški:	Garadadu ¹⁸²⁶
Tutul:	Dagan-abu ¹⁸²⁷
Urkiš:	Anna-atal ¹⁸²⁸
Uršu:	Gura'a ¹⁸²⁹ , Nanau ¹⁸³⁰
Zidanum:	Raši ¹⁸³¹
<i>Amorite:</i>	Naplanum ¹⁸³²

Furthermore, Šulgi-a'āgu expended (ba-zi) animals for the following six individuals: Hubutia¹⁸³³, Ilallum¹⁸³⁴, Lugal-kuzu¹⁸³⁵, Ur-mes the singer¹⁸³⁶, Ur-Šulpae¹⁸³⁷ and the wife of MURteli¹⁸³⁸, and the prisoners of war¹⁸³⁹.

3.1.2.1.4 For the E'uzga

Šulgi-a'āgu expended (ba-zi) animals to the E'uzga for Dubudubu¹⁸⁴⁰, and via Šulgi-a'āgu for two cooks: Ur-Bau¹⁸⁴¹ and A'a-kala¹⁸⁴². It is Šulgi-a'āgu who is the only one official of the naGaBtum branch expending animals for the E'uzga.

3.1.2.1.5 For the “kitchen”

3.1.2.1.5.1 Šulgi-a'āgu expended (ba-zi) animals to the “kitchen” for runners¹⁸⁴³.

3.1.2.1.5.2 Šulgi-a'āgu expended (ba-zi) animals to the “kitchen” for soldiers¹⁸⁴⁴.

30).

¹⁸²⁶ Ga-ra-da-du LU₂.SU: Erm 14855:4 (AS 4 x 22); BPOA 7 2592:4 (AS 4 x 27); PPAC 4 67:7 (AS 4 x 28).

¹⁸²⁷ ^dDa-gan-a-bu lu₂-kin-gi₄-a la₃-ši-li-im ensi₂ Tu-tu-la^{ki}: AuOr Suppl. 11 99:18 (AS 4 v 6); MVN 5 111:18 (AS 4 v 9). For the PN Dagan-abu and the GN Tutul, see Owen 1992:133 (note 68).

¹⁸²⁸ An-na-tal lu₂ Ur-Ki^{ki}: Babyloniaca 7 pl.21 14:7 (AS 3 xi 3). Another reference to An-na-tal lu₂ Ur-Ki^{ki} is TCL 2 5565. For Urkiš, see Frayne 1997:457-459. For Urkesh, see Steinkeller 1998.

¹⁸²⁹ Gu-ra-a lu₂ Ur-šu^{ki}: CDLJ 2012/1 4.35:4 (AS 4 iii 16); RSO 9 474 P370:2 (AS 4 iii 22); AuOr Suppl.11 99:15 (AS 4 v 6); MVN 5 111:16 (AS 4 v 9). For this PN, see Owen 1992: 134 (note 70).

¹⁸³⁰ Na-na-u₃ lu₂ Ur-šu^{ki}: BiMes 25 151 53:6 (AS 2 iii 13); JCS 7 104 61 27:3 (AS 2 iii 20).

¹⁸³¹ Ra-ši lu₂ Zi-da-num^{ki}: RA 9 46 SA 72 (pl.3):6 (AS 1 xi 3); LAOS 1 28:8 (AS 2 v 16); TCND 232:11 (AS 2 xi 15); OIP 121 39:7 (AS 2 xi 19); TCND 233:2 (AS 2 xi 20); TRU 325:5 (AS 3 i 15); Hirose 138:2 (AS 3 i 29); Erm 14855:2 (AS 4 x 22); BPOA 7 2592:2 (AS 4 x 27); PPAC 4 67:6 (AS 4 x 28); SACT 1 154:13 (AS 4 xi 3).

¹⁸³² Na-ap-la-num₂ mar-tu: AuOr Suppl. 11 99:9 (AS 4 v 6).

¹⁸³³ Hu-bu-ti-a: Erm 14597:11 (AS 5 i 13); HUCA 29 77 5:2 (AS 5 i 19); PDT 2 1171:4 (AS 5 v 9); Erm 07561:8 (AS 5 xi 13).

¹⁸³⁴ I₃-lal₃-lum: PPAC 4 69:3-4 (AS 4 xi 22, u₄ lugal-e e₂-udu mu-niĝin₂-na-a). For the clause u₄ lugal GN mu-niĝin₂-na-a „als der König (das) GN umschritt“, see Sallaberger 1993: 140.

¹⁸³⁵ Lugal-ku₃-zu: OIP 121 41:15 (AS 3 ix 10).

¹⁸³⁶ Ur-mes nar: PDT 2 1171:10 (AS 5 v 9, u₄ tu-ra i₃-me-a “when he was ill”).

¹⁸³⁷ Ur-^dŠul-pa-e₃ lu₂ ur₃-ra: OIP 121 51:2 (AS 4 xi 18). For the term lu₂ ur₃-ra, see Wilcke 1988b: 33-34, Englund 1990: 144, Sjöberg 1996: 130-131 and Hilgert 2003: 443.

¹⁸³⁸ dam MUR₇-te-li: TRU 325:2 (AS 3 i 15). For the individual MURteli who was identified as the governor of the city Babylon, see Röllig 1993-1996. Other references to MUR₇-te-li ensi₂ Babilim^{ki} are TCL 2 5491 (AS 8 iii) and SET 11 (AS 9 xi 13). Furthermore, another reference to the wife of MURteli (dam MUR₇-te-li) is AUCT 3 101 (undated).

¹⁸³⁹ saĝ nam-ra-ak: TRU 326:2 (AS 4 viii 30).

¹⁸⁴⁰ e₂ uz-ga, mu Du-bu-du-bu-še₃: RA 9 46 SA 72 (pl.3):11 (AS 1 xi 3).

¹⁸⁴¹ e₂ uz-ga, ki Ur-^dBa-u₂: StOr 9-1 15 (pl.3):2-3 (AS 2 vi 12); SmithCS 38 15:2-3 (AS 2 viii 9).

¹⁸⁴² e₂ uz-ga, ki A-a-kal-la: SACT 1 143:2-3 (AS 2 viii 26).

¹⁸⁴³ e₂ muhaldim-še₃, mu kaš₄-e-ne-še₃: RA 9 46 SA 72 (pl.3):5 (AS 1 xi 3); LAOS 1 28:3 (AS 2 v 16); BCT 1 78:4 (AS 3 xi 16); USC 6572:7 (AS 3 xi 21); NYPL 304:7 (AS 4 xi 19).

¹⁸⁴⁴ e₂ muhaldim-še₃, mu aga₃-us₂-e-ne-še₃: LAOS 1 28:6 (AS 2 v 16); BIN 3 90:6-7 (AS 4 i 24); OIP 121 45:4 (AS 4 ii 8); ASJ 18 76 7:4 (AS 4 ii 26); Erm 14779:6 (AS 4 iv 3); SACT 1 149:5 (AS 4 iv 18); KM 83.2.2:9 (AS 4 iv 19);

3.1.2.1.5.3 Šulgi-a’āgu expended (ba-zi) animals to the “kitchen” for Ama-KI.KAL¹⁸⁴⁵.

3.1.2.1.5.4 Šulgi-a’āgu expended (ba-zi) animals to the “kitchen” for Gunda of Hurti, when he came from Hurti¹⁸⁴⁶.

3.1.2.1.5.5 Šulgi expended (ba-zi) animals which were cooked in the oven (for the soldiers). These animals were loaded on a boat, when the king went to Ur¹⁸⁴⁷.

3.1.2.1.6 For other purposes

3.1.2.1.6.1 Šulgi-a’āgu expended (ba-zi) animals which were transferred (i₃-dab₅) to Lu-diġira-IS¹⁸⁴⁸, the official of the naGaBtum branch (Twin B).

3.1.2.1.6.2 Šulgi-a’āgu expended (ba-zi) animals for producing meat¹⁸⁴⁹.

3.1.2.1.6.3 Šulgi-a’āgu expended (ba-zi) animals for the bala-duty of Ur-Lamma, the governor of Girsu¹⁸⁵⁰.

3.1.2.1.6.4 One label with the term E₂^{tum} “house” mentions that Šulgi-a’āgu expended (ba-zi) 24 oxen and 252 sheep/goats for an unclear purpose¹⁸⁵¹.

3.1.2.1.7 The ġiri₃- and/or maškim official

When Šulgi-a’āgu disbursed animals for various destinations, the following ġiri₃- and/or maškim were responsible for the transactions (see Table 3.4):

Table 3.4 Distribution of ġiri₃ or/and maškim officials responsible for the disbursals of animals by Šulgi-a’āgu

ġiri ₃ /maškim	Cultic	Royal	Individuals	E’uzga	Kitchen	Others
A-hu-ni			x			
A-tu sagi	xy					
Ad-da-mu sagi	y					
Ad-da-sa ₆ -ga aga ₃ -us ₂			y			
Ad-lal ₃ sagi	y					

TRU 329:6 (AS 4 iv 26); PPAC 4 56:4 (AS 4 iv 27); MVN 5 111:13 (AS 4 v 9); Erm 14608:5 (AS 4 vi 4); TCND 267:4 (AS 4 x 20); NYPL 304:11 (AS 4 xi 19); PPAC 4 69:9 (AS 4 xi 22); SACT 1 170:5 (AS 4 xii 27); SACT 1 156:8 (AS 5 vi 3); AAICAB 1/4 Bod S 474:4 (AS 5 vi 9).

¹⁸⁴⁵ e₂ muhaldim-še₃, mu Ama-KI.KAL^{ki}-še₃; AuOr Suppl. 11 99:5 (AS 4 v 6). Other references to this name Ama-KI.KAL^{ki} are PDT 2 959 (undated, Šeš-sa₆-ga dumu Ama-KI.KAL^{ki}) and RA 9 44 SA 44 (pl.2) (Š 47 x 28, Ama-KI.KAL^{ki}). For the GN KI.KAL^{ki}, see Frayne 1997: 28 and Richter 1999: 270-272.

¹⁸⁴⁶ e₂ muhaldim mu Gu-un-da lu₂ Hu-ur₅-ti^{ki}-še₃, u₄ Hu-ur₅-ti^{ki}-ta i₃-im-ġen-na-a; Fs Pettinato 42 1:2-3 (AS 4 ix m 24).

¹⁸⁴⁷ šu-gid₂ gir₄-ta ba-šeg₆, (mu aga₃-us₂-e-ne-še₃), lugal Uri₅^{ki}-še₃ du-ni ma₂-a ba-a-ġar: SACT 1 171:4-7 (AS 4 xii 29); OIP 121 56:4-6 (AS 5 xii 22).

¹⁸⁴⁸ Lu₂-diġir-ra dumu Inim-^dŠara₂ i₃-dab₅; PDT 2 1034:2 (AS 3 ix).

¹⁸⁴⁹ TRU 325:7 (AS 3 i 15, mu-du-lum mar-tu-še₃ “for Amorite preserved meat”); OIP 121 46:2 (AS 4 iii 3, udu uzu-še₃ Nu-i₃-da i₃-dab₅ “for flesh which Nuida took in charge”); AUCT 2 286:5 (AS 4 x 22, KA-izi-še₃ “for roasted meat”). For the term mu-du-lum “preserved meat”, see Sigrist 1992: 142-143.

¹⁸⁵⁰ bala Ur-^dLamma ensi₂ Ġir₂-su^{ki}; JCS 14 107 5:5-6 (AS 3 vii).

¹⁸⁵¹ ASJ 19 205 18 (AS 4 vii), with the seal impression: Lugal-it₃-da dub-sar dumu Ur-^dDumu-zi-da “Lugal-itida, the scribe, son of Ur-Dumuzida”.

ġiri ₃ /maškim	Cultic	Royal	Individuals	E'uzga	Kitchen	Others
Ad-lal ₃ - ^d Šul-gi sagi	x					
^d Amar- ^d EN.ZU-zi-kalam-ma sukkal			y			
Arad ₂ -ġu ₁₀	x	x	x		x	
Arad ₂ - ^d Nanna sukkal-mah	x					
Bi ₂ -li ₂ -la sukkal			y			
^d En-lil ₂ -zi-ša ₃ -ġal ₂ sagi	y					
En- ^d Nanše-ki-aġ ₂ sagi	x					
En-um-i ₃ -li ₂ sagi	y					
Er ₃ -ra-na-da	x					
Ha-li ₂ sukkal			y			
Hi-ir-šum sagi	y					
Hu-zi-ri sukkal			y			
I ₃ -lal ₃ -lum			x			
I-re-eb		y				
It-ra-aq-i ₃ -li ₂ sukkal					y	
Kur-ġiri ₃ -i ₃ -li ₂ -še ₃	y					
La-la-mu sukkal			y			
Lu ₂ - ^d Da-mu sukkal			y			
Lugal-banda ₃ -še ₃ sukkal			y			
Lugal-i ₃ -mah sagi	y					
Lugal-KA-gi-na (sukkal)		y	xy			
Lugal-ma ₂ -gur ₈ -re			x			
Maš-tur sagi	x	x				
Mu-ra-u ₂ -e sukkal			y			
Nam-ha-ni sukkal			x		x	
^d Nanše-ul ₄ -gal	x					
NE-ti-ti sukkal	y					
Nu-hi-DIĠIR sukkal / ra ₂ -gaba		xy				
Nu-ur ₂ - ^d EN.ZU sagi	y					
Pa ₂ -pa ₂ -an-še-en sagi	x			x		
PU ₃ .ŠA-am sukkal			y			
PU ₃ .ŠA- ^d Iškur ra ₂ -gaba					y	
SIPA-si-in sagi	x					
Ša ₃ -ku ₃ -ge sagi	y					

ġiri ₃ /maškim	Cultic	Royal	Individuals	E'uzga	Kitchen	Others
Šar-ru-um-i ₃ -li ₂ saġi	x					
Šu-Da-da sukkal			y			
Šu-Eš ₁₈ -tar ₂ sukkal			y			
Šu-ru-uš-ki-in šakkan ₆					x	
Šu- ^d Šul-gi sukkal		y				
^d Šul-gi-a-a-ġu ₁₀		y		y		
^d Šul-gi-ad-gur saġi	y					
^d Šul-gi-iri-ġu ₁₀ (ra ₂ -gaba)					xy	
U ₂ -la-e-ni-iš ra ₂ -gaba		x				
Ur- ^d Ba-u ₂ (muhaldim)				y		x
Ur- ^d Dumu-zi-da sukkal					y	
Ur-ni ₉ -ġar	x					
Ur-sa ₆ -ga sukkal			x			
Ur- ^d Šar-ru-gen ₇ -še ₃			y			
Za-li ₂ -a			y			
zabar-dab ₅	x					

3.1.2.1.8 Formulary

The following 68 types of formulae are attested in the disbursements of animals by Šulgi-a'āġu for cultic purposes (bazi A42, A45, A53-68, A70-79), for members of the royal household (bazi B9, B20, B24-34), for different individuals (bazi C7-8, C37, C40-41, C49-56), for the E'uzga (bazi D9-10), for the “kitchen” (bazi E6, E21, E29, E45-49), and for other purposes (bazi K2, K5, K14-15) (see Table 3.5).

Table 3.5 Formulae attested in the disbursements of animals by Šulgi-a'āġu

Type	Comp.	Formula	Commentary	Example
bazi A42	1-2-4	S, DN PN maškim	animals with one maškim official for one deity	USC 6572:1-3
bazi A45	1-2-4-7	S, DN PN maškim ša ₃ GN	animals with one maškim official for one deity at GN	SmithCS 38 15:5-9
bazi A53	1-2-5	S, DN ġiri ₃ PN	animals with one ġiri ₃ official for one deity	RA 9 46 SA 72 (pl.3):8-9
bazi A54	1-2-5	<u>S, DN</u> ġiri ₃ PN	animals with one ġiri ₃ official for more deities	BPOA 7 2592:1-5
bazi A55	1-2-5-4	<u>S, DN, ġiri₃ PN</u>	animals with more ġiri ₃ and	BCT 1 90:1-9

Type	Comp.	Formula	Commentary	Example
		PN maškim	one maškim official for more deities	
bazi A56	1-2-5-4	S, DN ĝiri ₃ PN PN maškim	animals with one ĝiri ₃ and one maškim official for one deity	TCND 395:1-5
bazi A57	1-2-6-5-4	S, DN mu PNr-še ₃ ĝiri ₃ PN PN maškim	animals with one ĝiri ₃ and one maškim official for one deity on behalf of PNr	MVN 9 204:1-5
bazi A58	1-2-6	S sa ₂ -du ₁₁ DN PN i ₃ -dab ₅	animals as regular offering for one deity, PN took in charge	Ontario 1 112:1-3
bazi A59	1-2-4	S, kak-gu-la ₂ -še ₃ PN maškim	animals for <i>kakgula</i> , with one maškim official	AuOr Suppl 11 96:1-3
bazi A60	1-2 1-2-5-4	S1, ezem ma ₂ An-na S2, DN ĝiri ₃ PN PN maškim	animals for the Festival of Boat of An, and for DN, with one ĝiri ₃ and one maškim official	Fs Hallo 182:1-6
bazi A61	1-2-4	S, siskur ₂ ša ₃ e ₂ -gal PN maškim	animals with one maškim official for rite at the palace	Fs Hallo 182:7-8
bazi A62	1-2-8-5-4	<u>S, DN</u> ezem še-il ₂ -la Ĝir ₂ -su ^{ki} -še ₃ ĝiri ₃ PN PN1 maškim	animals for more deities, for the šeila-festival of Girsu, with one ĝiri ₃ and one maškim official	MVN 15 110:1-14
bazi A63	1-2-8-5-4	<u>S, DN</u> niĝ ₂ -mussa ^{sa2} ezem ^d Ba-u ₂ Ĝir ₂ -su ^{ki} -še ₃ ĝiri ₃ PN PN maškim	animals for two or more deities, as betrothal gift for the festival of Bau of Girsu, with one ĝiri ₃ and one maškim official	UTI 6 3782:1-18
bazi A64	1-2-4	S, ki-a-naĝ Ur- ^d Namma PN maškim	animals with one maškim official for the libation of Ur-Namma	Babyloniaca 7 pl.21 14:1-4
bazi A65	1-2-8-4	<u>S, DN</u> siskur ₂ ki ^d EN.ZU e ₂ -u ₄ -7 PN maškim	animals for two or more deities, for the rite of Suen with one maškim official	USC 6809:1-11
bazi A66	1-2 1-2-8-4	S1, ki ^d EN.ZU e ₂ -u ₄ -sakar <u>S2, DN</u> siskur ₂ ša ₃ kaskal PN maškim	animals for Suen and DN, for the rite on load, with one maškim official	CST 286:1-9
bazi A67	1-2	S1, ki ^d EN.ZU e ₂ -u ₄ -15	animals for Suen and DN,	Erm 14597:1-6

Type	Comp.	Formula	Commentary	Example
	1-2-8-4	S2, DN siskur ₂ ša ₃ e ₂ -gal PN maškim	for the rite at palace, with one maškim official	
bazi A68	1-2	S ezem GAN ₂ -maš Ġir ₂ -su ^{ki} -še ₃	animals for the festival of GAN-maš of Girsu	Princeton 1 88:1-2
bazi A70	1-2	S1 šu-a-gi-na u ₄ N-kam S2 e ₂ -u ₄ -15 <i>iti u₄ N1 ba-zal</i> S3 e ₂ -u ₄ -sakar <i>iti u₄ N2 ba-zal</i> (niĝ ₂ -diri) sa ₂ -du ₁₁ ^d Šul-gi-ra	animals with šu-a-gi-na- contingent; animals for “Full-Moon-day”; animals for “Crescent-Moon-day”; as regular offering for Šulgi	JAC 23 66:1-8
bazi A71	1-2	S1 šu-a-gi-na u ₄ N-kam S2 e ₂ -u ₄ -15 S3 e ₂ -u ₄ -sakar niĝ ₂ -diri sa ₂ -du ₁₁ ^d Šul-gi-ra	animals with šu-a-gi-na- contingent; animals for “Full-Moon-day”; animals for “Crescent-Moon-day”; as the niĝ-dirī-offering and regular offering for Šulgi	TCND 259:1-6
bazi A72	1-2-11-9	S, e ₂ DN-še ₃ , GN-še ₃ PN i ₃ -dab ₅	animals for temple of DN to GN, PN received	MVN 15 80:1-5
bazi A73	1-5-2-9-4	<u>S, ĝiri₃ PN</u> DN u ₄ GN-ta i ₃ -im-ĝen-na-a PN maškim	animals with one ĝiri ₃ official and one maškim official for one individual, when he/she went to GN	SACT 1 154:1-7
bazi A74	1-2-8-4	<u>S, DN</u> bur-du ₈ -a ^d En-lil ₂ -ra ^d Amar- ^d EN.ZU-ke ₄ kaš-de ₂ -a PN maškim	animals for two or more deities, for the banquet, with one maškim official	JCS 52 40 37:1-10
bazi A75	1-2-4-7	S, ^{ĝis} gu-za en PN maškim ša ₃ GN	animals for the throne of <i>en</i> - priest(ess), with one maškim official at GN	Erm 14597:7-9
bazi A76	1-2-5-4	S, ^{ĝis} gu-za en ĝiri ₃ PN PN maškim	animals for the throne of <i>en</i> - priest(ess), with one ĝiri ₃ and one maškim official	CDLJ 2008/2 8:1-4
bazi A77	1-2-4-7	S, DN ša ₃ -ge guru ₇ -a lugal PN maškim ša ₃ GN	animals as the royal šageguru-offering for one deity, with one maškim official at GN	TRU 328:1-4
bazi A78	1-2 1-2-8-4-7	S1, ^{ĝis} gu-za ^d Šul-gi-ra S2, ki-a-naĝ Ur- ^d Namma	animals for the throne of Šulgi and for the libation of	PDT 1 417:1-11

Type	Comp.	Formula	Commentary	Example
		niĝ ₂ -ezem-ma ab-e ₃ ^d Šul-gi-ra u ₃ Ur- ^d Namma PN maškim ša ₃ GN	Ur-Namma, at the festival of ab-e ₃ of Šulgi and Ur-Namma, with one maškim official, at GN	
bazi A79	1-2-6	S, hu-ul-dub ₂ -še ₃ PN i ₃ -dab ₅	PN received/took animals for huldub	Hirose 167:1-5
bazi B9	1-2-7-4	S, niĝ ₂ -mussa ^{sa₂} PNr e ₂ PN-še ₃ PN maškim	animals as the “betrothal gift” of PNr, to a place, with a maškim official	Tavolette 336:1-5
bazi B20	1-2-4	S, PNr PN maškim	animals with one maškim official for a royal member	SACT 1 154:10-12
bazi B24	1-2-4	S, sa ₂ -du ₁₁ PNr <i>iti 1-kam</i> PN maškim	animals as the regular offering with one maškim official for PNr	SumRecDreh 15:1-4
bazi B25	1-2-9-7	S, PNr u ₄ du ₆ -babbar ₂ -še ₃ i ₃ -ĝen-na-a ša ₃ GN	animals for PNr, when he/she went to the “White-mound”, at GN	OIP 121 39:3-6
bazi B26	1-2-9-4-7	S, niĝ ₂ -dab ₅ PNr u ₄ du ₆ -babbar ₂ -še ₃ i ₃ -ĝen-na-a PN maškim ša ₃ GN	animals for PNr, when he/she went to the “White-mound”, with one maškim official at GN	Erm 07561:1-4
bazi B27	1-2	S1, GN1-še ₃ , ĝiri ₃ PN1 S2, GN2-še ₃ , ĝiri ₃ PN2 ne-mur-ta ba-šeg ₆ ki lugal-še ₃ ba-de ₆	animals for GN via PN, cooked at ashes, brought for the king	RA 9 48 SA 107 (pl.3):1-8
bazi B28	1-2-5	S, ne-mur-ta ba-šeg ₆ , GN-še ₃ ki lugal-še ₃ ba-de ₆ ĝiri ₃ PN	animals cooked at ashes, to GN, brought for the king, via PN	Nisaba 8 188:1-5
bazi B29	1-2-5-7	S, ne-mur-ta ba-šeg ₆ ki lugal-še ₃ ba-an-ku ₄ ĝiri ₃ PN ša ₃ GN	animals cooked in ashes, brought for the king, via PN at GN	TRU 327:1-5
bazi B30	1-2-5-7	S, ki lugal-še ₃ ku ₄ -ra ĝiri ₃ PN ša ₃ ma ₂ lugal-ka	animals brought for the king, via PN, at the royal boat	OIP 121 44:1-4
bazi B31	1-2-5-4	S, PNr ĝiri ₃ PN PN maškim	animals for PNr, via PN, with one maškim	BCT 1 78:5-9
bazi B32	1-2-9-5-4	S, igi-kar ₂ PNr u ₄ dumu in-tu-da-a	animals for PNr, when she bore a child, via PN, with	AuOr Suppl.11 99:1-4,21

Type	Comp.	Formula	Commentary	Example
		ĝiri ₃ PN <PN maškim>	one maškim	
bazi B33	1-2	S1 šu-a-gi-na, S2 KA-izi-še ₃ niĝ ₂ -diri, ša ₃ GN S3 šu-a-gi-na PN1 i ₃ -dab ₅ S4 ša ₃ GN, S5 šu-a-gi-na PN2 i ₃ -dab ₅ sa ₂ -du ₁₁ lugal	animals as šuagina-offering and for meat, as the surplus offerings at GN, animals received by PN, as regular offering for the king	RMNW 25 60 B:1- 11
bazi B34	1-8-2-5	S u ₄ -nu ₂ -a-ka e ₂ -gal ba-na-ku ₄ PNr ĝiri ₃ PN	animals with one ĝiri ₃ official for PNr, delivered and replaced for his/her “New-Moon-festival”	OIP 121 48:1-4
bazi C7	1-2-4	S, PN PN maškim	animals with one maškim official for one individual	RA 9 46 SA 72 (pl.3):6-7
bazi C8	1-2-4	<u>S</u> , PN PN maškim	animals with one maškim official for more individuals	LAOS 1 28:8-11
bazi C37	1-2-5-4	S, PN ĝiri ₃ PN1 PN2 maškim	animals with one ĝiri ₃ official and one maškim official for PN	Orient 16 45 22:1-5
bazi C40	1-2-5	<u>S</u> , PN ĝiri ₃ PN	animals with one ĝiri ₃ official for one individual	PPAC 4 67:5-8
bazi C41	1-2-5-4-7	S, PN ĝiri ₃ PN PN maškim ša ₃ GN	animals with one ĝiri ₃ and one maškim official for one individual at GN	PDT 2 1092:1-5
bazi C49	1-2-5-4	<u>S</u> , PN ĝiri ₃ PN PN maškim	animals with one ĝiri ₃ official and one maškim official for more individuals	Babyloniaca 7 pl.21 14:5-9
bazi C50	1-2-5-7-4	S, PN ĝiri ₃ PN e ₂ -duru ₅ -ne-ne PN maškim	animals for PN to villages, with one ĝiri ₃ official and one maškim official	RA 9 42 SA 12 (pl.1):3-8
bazi C51	1-2-7-7-4	<u>S</u> , PN e ₂ -duru ₅ -ne-ne-a PN maškim	animals for PN to villages, with one maškim official	BiMes 25 151 53:1- 8
bazi C52	1-2-4-5	S, saĝ nam-ra-ak ba-ab-gu ₇ PN maškim ĝiri ₃ PN	animals for the prisoners of war, with one ĝiri ₃ official and one maškim official	TRU 326:1-4
bazi C53	1-2-9-5-4	S, mu PN-še ₃	animals with one ĝiri ₃	Fs Pettinato 42 1:1-

Type	Comp.	Formula	Commentary	Example
		u ₄ GN-ta i ₃ -im-ġen-na-a ġiri ₃ PN PN maškim	official and one maškim official for one individual, when he/she went to GN	5
bazi C54	1-2-9-5-4	S, PN u ₄ tu-ra i ₃ -me-a ġiri ₃ PN PN maškim	animals for PN, when he/she was ill, via PN, with one maškim official	JCS 52 40 37:11-14
bazi C55	1-2-9-4	S, PN, u ₄ lugal-e e ₂ -udu mu- niġin ₂ -na-a PN maškim	animals for PN, when king went to the sheepfold, with one maškim official	PPAC 4 69:1-5
bazi C56	1-2-9-4-5	S, PN, GN-ta ġen-na PN maškim ġiri ₃ PN	animals with one ġiri ₃ and one maškim official for one individual	CST 286:10-12
bazi D9	1-2-6-4-5	S, e ₂ uz-ga, mu PN-še ₃ PN maškim ġiri ₃ PN	animals with one ġiri ₃ official and one maškim official to the E'uzga for PN	RA 9 46 SA 72 (pl.3):10-13
bazi D10	1-2-6-5	S, e ₂ uz-ga ki PN ġiri ₃ PN1	animals to E'uzga for PN, via PN1	StOr 09-1 15 (pl.3):1-4
bazi E6	1-2-4	S šu-gid ₂ e ₂ muhaldim mu aga ₃ -us ₂ -e-ne-še ₃ PN maškim	animals as the šu-gid- contingent with one maškim official to the “kitchen” for the soldiers	OIP 121 45:1-5
bazi E21	1-2-9-4	S šu-gid ₂ gir ₄ -ta ba-šeg ₆ (mu aga ₃ -us ₂ -e-ne-še ₃) lugal GN-še ₃ du-ni ma ₂ -a ba-a- ġa ₂ -ar PN maškim	animals as the šu-gid- contingent, cooked in the oven, when the king went to GN, they (=animals) were loaded on a boat, with one maškim	OIP 121 56:1-7
bazi E29	1-2-4	S1 mu kaš ₄ -ke ₄ -ne-še ₃ S2 šu-gid ₂ mu aga ₃ -us ₂ -e-ne-še ₃ e ₂ muhaldim-še ₃ <PN maškim>	animals for runners, animals as the šu-gid-contingent for soldiers, to the “kitchen”, with one maškim official	LAOS 1 28:1-7,11
bazi E45	1-2-5-4	S1 mu kaš ₄ -ke ₄ -ne-še ₃ S2 mu aga ₃ -us ₂ -e-ne-še ₃ e ₂ muhaldim-še ₃ ġiri ₃ PN PN maškim	animals for runners, animals for soldiers, all as the šu- gid-contingent, to the “kitchen”, with one ġiri ₃ and one maškim official	NYPL 304:1-14
bazi E46	1-2-4	S	animals as the šu-gid-	USC 6572:4-8

Type	Comp.	Formula	Commentary	Example
		e ₂ muhaldim mu kaš ₄ -ke ₄ -ne-še ₃ PN maškim	contingent to the “kitchen” for the runners, with one maškim official	
bazi E47	1-2-4-7	S šu-gid ₂ e ₂ muhaldim, ma ₂ -a ĝar-ra mu aga ₃ -us ₂ -e-ne-še ₃ PN maškim ša ₃ GN	animals as the šu-gid- contingent to the “kitchen”, loaded to a boat, for soldiers, with one maškim official, at GN	BIN 3 90:1-9
bazi E48	1-5-2	S, mu PN-še ₃ ĝiri ₃ PN1 e ₂ muhaldim-še ₃	animals to the “kitchen” for PN, via PN1	AuOr Suppl.11 99:5-7,21
bazi E49	1-2-5-4	S šu-gid ₂ e ₂ muhaldim mu aga ₃ -us ₂ -e-ne-še ₃ ĝiri ₃ PN PN maškim	animals as the šu-gid- contingent with one ĝiri ₃ official and one maškim official to the “kitchen” for soldiers	Erm 14608:1-7
bazi K2	1-2	S, PN i ₃ -dab ₅	PN received/took animals	PDT 2 1034:1-2
bazi K5	1-2	S, bala PN	animals for bala-duty of PN	JCS 14 107 5:1-6
bazi K14	1-2	S, udu uzu-še ₃ <i>iti u₄ N ba-zal</i> PN i ₃ -dab ₅	PN received/took animals as flesh	OIP 121 46:1-5
bazi K15	1-2-4	S, KA-izi-še ₃ PN maškim	animals for producing meat, with one maškim	AUCT 2 286:1-6

3.1.2.1.9 Brief summary

On the basis of different destinations, the total number of animals which Šulgi-a’āĝu disbursed (ba-zi) is listed as follows (see Table 3.6):

Table 3.6 Statistics of the number of animals disbursed by Šulgi-a’āĝu

Destination	Ox	Sheep	Goat	Subtotal
Cultic	35	231	35	301
Royal	3	129	13	145
Individual	4	81	33	118
E’uzga	0	5	0	5
Kitchen	8	306+	199+	513+
Others	78	17	10	357*
Total:	128	769+	290+	1,439+

*Added to 252 sheep/goats (ASJ 19 205 18)

3.1.2.2 The expenditure (šu ba-ti) of deal animals accepted by Ur-niġar/Šulgi-iriġu

Apart from expending (ba-zi) animals for various destinations or purposes, Šulgi-a'aġu also expended 1,287 dead animals which were accepted (šu ba-ti) by Ur-niġar between AS 1 xi 5 and AS 3 iii 27¹⁸⁵², and by Šulgi-iriġu between AS 3 v 14 and AS 6 ii 22¹⁸⁵³. Among these dead animals, two sheep and five goats, all colored, were accepted by Šulgi-iriġu at a place called Wataltum. The monthly distribution of dead animals accepted by Ur-niġar/Šulgi-iriġu from Šulgi-a'aġu is listed as follows (see Table 3.7):

Table 3.7 Monthly distribution of dead animals accepted by Ur-niġar/Šulgi-iriġu from Šulgi-a'aġu

Year	i	ii	iii	iv	v	vi	vii	viii	ix	x	xi	xii	Sum
AS 1											30	22	52
AS 2	111	58	19	34	33	27	19	10	17	27	77	63	495
AS 3	34	11	10	0	4	0	23	33	20	21	11	0	167
AS 4	71	11	0	38	0	6	3	7	11	14	127	83	371
AS 5	21	13	3	6	18	0	2	5	11	3	41	76	199
AS 6	0	3											3

¹⁸⁵² ki dŠul-gi-a-a-ġu₁₀-ta, Ur-ni-ġar šu ba-ti: Ontario 1 118 (AS 1 xi 5); PDT 2 1085 (AS 1 xii 23); NYPL 103 (AS 1 xii 26); Ontario 1 119 (AS 2 i 1); BCT 1 7 (AS 2 i 3); SumRecDreh 13 (AS 2 i 4); Nisaba 8 152 (AS 2 i 6); MVN 15 374 (AS 2 i 7); Tavolette 344 (AS 2 i 15); MVN 15 339 (AS 2 i 29); BIN 3 45 (AS 2 ii 1); TCND 311 (AS 2 ii 8); USC 6773 (AS 2 ii 11); TRU 221 (AS 2 ii 13); Erm 14808 (AS 2 ii 18); CST 251 (AS 2 iii 4); Ontario 1 120 (AS 2 iii 7); SACT 1 82 (AS 2 iii 19); TCND 314 (AS 2 iv 7); TCND 315 (AS 2 iv 11); OIP 121 38 (AS 2 iv 20); TCND 316 (AS 2 iv 21); TCND 317 (AS 2 iv 25); BIN 3 50 (AS 2 v 1); Nisaba 8 164 (AS 2 v 3); CDLJ 2008/2 5 (AS 2 v 13); PDT 2 1181 (AS 2 v 20); PDT 2 1087 (AS 2 v 25); TCND 319 (AS 2 vi 26); TCND 320 (AS 2 vi 27); PDT 2 1157 (AS 2 vi 28); DoCu 291 (AS 2 vi 29); ZA 93 60 no.11 (AS 2 vii 1); BPOA 6 528 (AS 2 vii 7); TCND 321 (AS 2 vii 12); PDT 2 1140 (AS 2 viii 19); TCND 322 (AS 2 ix 21); CST 257 (AS 2 ix 28); TCND 323 (AS 2 x 26); Ontario 1 121 (AS 2 xi 6); PDT 2 1057 (AS 2 xi 13); JAC 24 61 10 (AS 2 xi 27); Erm 14759 (AS 2 xi 28); BPOA 6 538 (AS 2 xii 8); PDT 2 1132 (AS 2 xii 12); SACT 1 83 (AS 2 xii 20); MVN 13 68 (AS 2 xii 29); HUCA 29 81 8 (AS 3 i 6); TCND 406 (AS 3 i 14); SACT 1 86 (AS 3 i 19); SA 6 (AS 3 i 26); AUCT 1 618 (AS 3 ii 4); StLouis 120 (AS 3 ii 21); TCND 328 (AS 3 iii 27).

¹⁸⁵³ ki dŠul-gi-a-a-ġu₁₀-ta, dŠul-gi-iri-ġu₁₀ šu ba-ti: Princeton 1 31 (AS 3 v 14); SACT 1 88 (AS 3 vii 7); Ontario 1 122 (AS 3 vii 17); RA 79 27 18 (AS 3 viii 11); JCS 46 19 2 (AS 3 viii 22); BIN 3 376 (AS 3 viii 28); MVN 2 330 (AS 3 viii X); DoCu 310 (AS 3 ix 8); PPAC 4 7 (AS 3 ix 15); AUCT 1 831 (AS 3 x 18); OIP 121 42 (AS 3 x 23); JCS 39 123 9 (AS 3 xi 17); SA 32 (AS 4 i 1); OIP 121 43 (AS 4 i 6); PPAC 4 9 (AS 4 i 7); TCND 407 (AS 4 i 14); JCS 52 37 22 (AS 4 i 26); ASJ 19 205 17 (AS 4 i 27); JCS 23 113 21 (AS 4 i 28); PPAC 4 10 (AS 4 i 29); Nisaba 8 306 (AS 4 ii 4); CUSAS 16 304 (AS 4 ii 16); PPAC 4 53 (AS 4 ii 27); Nisaba 8 202 (AS 4 iv 2); TCND 408 (AS 4 iv 4?); South Dakota 29 (AS 4 iv 6); MVN 8 192 (AS 4 iv 7); PDT 2 1090 (AS 4 iv 8); Erm 14849 (AS 4 iv 11); NYPL 255 (AS 4 iv 12); Erm 14846 (AS 4 iv 22); NYPL 132 (AS 4 vi 9); Ontario 1 125 (AS 4 vi 14); BPOA 6 527 (AS 4 vi 15); Hirose 157 (AS 4 vi 22); ASJ 9 317 10 (AS 4 vii 17); South Dakota 32 (AS 4 viii 2); Hirose 161 (AS 4 viii 5); Nisaba 8 191 (AS 4 viii 22); NYPL 173 (AS 4 ix 14); Hirose 168 (AS 4 x 5); PPAC 4 66 (AS 4 x 8); SACT 1 98 (AS 4 x 9); Hirose 171 (AS 4 x 15); OIP 121 47 (AS 4 x 20); TRU 226 (AS 4 x 24); TCND 333 (AS 4 x 27); BPOA 7 2666 (AS 4 xi 1); Nisaba 8 299 (AS 4 xi 4); Princeton 2 53 (AS 4 xi 5); OIP 121 49 (AS 4 xi 8); Nisaba 8 219 (AS 4 xi 11); OIP 121 50 (AS 4 xi 11); CST 506 (AS 4 xi 12); MVN 9 205 (AS 4 xi 17); PPAC 4 68 (AS 4 xi 18); ASJ 7 178 TRU 243 (AS 4 xi 20); PPAC 4 18 (AS 4 xi 24); PDT 2 1278 (AS 4 xii 1); TCND 335 (AS 4 xii 5); CDLJ 2012/1 4.58 (AS 4 xii 12); Nisaba 8 146 (AS 4 xii 17); PPAC 4 70 (AS 4 xii 24); PPAC 4 21 (AS 5 i 8); PDT 2 1158 (AS 5 i 9); SACT 1 89 (AS 5 ii 13); PPAC 4 28 (AS 5 ii 26); Nisaba 8 236 (AS 5 iii 20); Erm 14576 (AS 5 iv 4); BIN 3 126 (AS 5 iv 12); TCND 337 (AS 5 v 6); Hirose 199 (AS 5 v 12); Hirose 200 (AS 5 v 25); OIP 121 53 (AS 5 v 27); MVN 2 328 (AS 5 vii 12); Nisaba 8 247 (AS 5 viii 20); CUCT 2 (AS 5 ix 2); AUCT 1 16 (AS 5 ix 22); TCND 340 (AS 5 x 1); B2010.1.58 (AS 5 xi 9); PPAC 4 31 (AS 5 xi 16); OIP 121 55 (AS 5 xii 1); Nisaba 8 232 (AS 5 xii 11); Hirose 215 (AS 5 xii 12); PPAC 4 32 (AS 5 xii 18); ASJ 7 123 11 (AS 5 xii 19); Hirose 217 (AS 5 xii 24); CST 339 (AS 5 xii X); Hirose 222 (AS 6 ii 22); Princeton 1 117 (AS - x 28).

From the above chart, some conclusions can be drawn. First, the highest number of dead animals accepted by Ur-niĝar lies in AS 2 i, followed by AS 2 xi, AS 2 xii. Second, the highest number of dead animals accepted by Šulgi-iriĝu (from AS 3 v) lies in AS 4 xi, followed by AS 4 xii, AS 5 xii, AS 4 i. From this, it is clear that the peak of the dead animals accepted by Ur-niĝar/Šulgi-iriĝu usually occurs either in the first months or at the end of a year; it is possible that, at these months, a larger number of animals were needed for various purposes. Third, the gap month of dead animals accepted by Ur-niĝar/Šulgi-iriĝu lies in AS 3 iv, vi, xii, AS 4 iii, v, AS 5 vi and AS 6 i; it is evident that it occurred mainly in the middle of one year (AS 3); and a low consumption of dead animals during the relevant months is the likely reason for the gap month. Lastly, the yearly highest number of animals lies in AS 2, followed by AS 4.

In addition, there are three types of formulae (sbt001, sbt002, sbt003) attested in the transactions of dead animals from Šulgi-a'aĝu to Ur-niĝar/Šulgi-iriĝu. Note that the latter two types are added with the component ša₃ GN "at a place".

sbt001	sbt002	sbt003
S	S1	S1
ba-uš ₂ /ug ₇	ša ₃ Wa-ta ₂ -al-tum	ša ₃ ki-sa ₂ -a/PU ₃ .ŠA-iš- ^d Da-gan/Nibru ^{ki}
u ₄ N-kam	S2	S2
ki B-ta	ba-uš ₂ /ug ₇	ba-uš ₂ /ug ₇
PN šu ba-ti	u ₄ N-kam	u ₄ N-kam
M/Y	ki B-ta	ki B-ta
	PN šu ba-ti	PN šu ba-ti
	M/Y	M/Y

3.1.2.3 The expenditure (i₃-dab₅) of animals transferred to bureaus or individuals

Between AS 4 iv and AS 5 iv, Šulgi-a'aĝu transferred (i₃-dab₅) animals to three officials of the of the Puzriš-Dagan organization: Enlila (12 oxen)¹⁸⁵⁴, Intaea (103 sheep, 17 goats)¹⁸⁵⁵ and Uta-mišaram (152 sheep, 274+ goats)¹⁸⁵⁶, as well as to two individuals: Beli-azu (18 oxen, 67 sheep, 40 goats)¹⁸⁵⁷ and Lu-Bau (1 ox)¹⁸⁵⁸.

In addition, the following seven types of formulae are attested in the transfers of animals from Šulgi-a'aĝu to bureaus and individuals (see Table 3.8):

Table 3.8 Formulae attested in the transfers of animals from Šulgi-a'aĝu

Type	Formula	Example
idab001	S, u ₄ N-kam, ki B-ta, PN i ₃ -dab ₅ , MY	BIN 3 539

¹⁸⁵⁴ ^dEn-lil₂-la₂: AR RIM 5 37 320 (AS 4 iv). For Enlila, see Chapter 6.

¹⁸⁵⁵ In-ta-e₃-a: OIP 121 52 (AS 4 xi). For Intaea, see Chapter 2.4.

¹⁸⁵⁶ U₂-ta₂-mi-šar-ra-am: CST 295 (AS 4 v-xii). BIN 3 539 (AS 5 ii 10). For Uta-mišaram, see Chapter 4.1.

¹⁸⁵⁷ Be-li₂-a-zu: SAT 2 785 (AS 4 iv 30); RA 9 49 SA 129 (pl.4) (AS 4 xi 27,29).

¹⁸⁵⁸ Ur-^dBa-u₂: Erm 14681 (AS 5 iv 23).

Type	Formula	Example
idab019	S, ki B-ta, mu PN1-še ₃ , PN2 i ₃ -dab ₅ , MY	AR RIM 5 37 320
idab158	S, M, ki B-ta, PN i ₃ -dab ₅ , ša ₃ GN, Y	CST 295
idab159	S, eš ₃ -eš ₃ -še ₃ , ki B-ta, PN i ₃ -dab ₅ , MY	OIP 121 52
idab160	S, ezem munu ₄ -gu ₇ Ġir ₂ -su ^{ki} -še ₃ , iti u ₄ N ba-zal, bala PN, ki B-ta, PN i ₃ -dab ₅ , MY	Erm 14681
idab161	S, sa ₂ -du ₁₁ lugal-še ₃ , iti u ₄ N ba-zal, šu-la ₂ -a, bala PN, ki B-ta, PN i ₃ -dab ₅ , MY	SAT 2 785
idab162	S1, iti u ₄ N ba-zal, S2, eš ₃ -eš ₃ e ₂ -u ₄ -sakar, iti u ₄ N ba-zal, šu-niġin ₂ , šu-la ₂ -a, bala PN, ki B-ta, PN i ₃ -dab ₅ , M/Y	RA 9 49 SA 129 (pl.4)

3.1.2.4 Dealing with new-born (u₃-tu-da) animals

Between AS 1 xi 5 and AS 1 viii 27, Šulgi-a'aġu received (i₃-dab₅) 477 new-born animals (13 oxen, 274 sheep, 161 goats, 29 sheep/goats)¹⁸⁵⁹, recorded with the text formula (utuda002). In AS 4 xi 18, he received 14 new-born goats¹⁸⁶⁰, recorded with the same formula (utuda002). Furthermore, between AS 2 xii 13 and AS 4 xii 27, Šulgi-a'aġu received (i₃-dab₅) 560 new-born animals (28 oxen, 414 sheep, 118 goats) at the naGaBtum branch¹⁸⁶¹, recorded with the text formula (utuda003). The both formulae (utuda002 and utuda003) are given below:

¹⁸⁵⁹ TCND 88 (AS 1 xi 5); Nisaba 8 286 (AS 1 xi 6); Hirose 99 (AS 1 xi 7); Hirose 100 (AS 1 xi 10); Fs Leichty 279 3 (AS 1 xi 12); Hirose 101 (AS 1 xi 18); Nisaba 8 294 (AS 1 xi 19); TCND 86 (AS 1 xi 21); MVN 15 345 (AS 1 xi 22); TCND 87 (AS 1 xi 23); SACT 1 66 (AS 1 xii 4); Erm 14749 (AS 1 xii 6); ASJ 7 122 4 (AS 1 xii 7); ASJ 7 170 TRU 94 (AS 1 xii 8); JCS 23 112 18 (AS 1 xii 19); CDLJ 2009/2 4.3 (AS 1 xii 24); PDT 2 1124 (AS 1 xii 27); MVN 13 94 (AS 2 i 20); Erm 14807 (AS 2 i 22); BIN 3 46 (AS 2 i 23); Nisaba 8 326 (AS 2 i 25); Hirose 108 (AS 2 ii 20); JCS 52 36 15 (AS 2 ii 25); ASJ 7 171 TRU 97 (AS 2 iii 16); Hirose 110 (AS 2 iii 21); Princeton 1 20 (AS 2 iii 22); PDT 2 1185 (AS 2 iii 26); Hirose 118 (AS 2 vi 2); Hirose 119 (AS 2 vi 3); Nisaba 8 216 (AS 2 vi 15); AUCT 1 597 (AS 2 vii 9); CDLJ 2012/1 4.17 (AS 2 vii 11); TCND 91 (AS 2 viii 14); CDLB 2012/2 2.6 (AS 2 viii 29); ASJ 11 322 2 (AS 2 ix 1); Hirose 122 (AS 2 ix 4); BIN 3 35 (AS 2 ix 13); Hirose 123 (AS 2 ix 15); Nisaba 8 223 (AS 2 ix 26); OIP 121 62 (AS 2 ix 28); TCND 93 (AS 2 x 3); Atiqot 4 pl. 10 58 (AS 2 x 4); TCND 94 (AS 2 x 5); Hirose 125 (AS 2 x 26); Nisaba 8 321 (AS 2 xi 2); JMEOS 12 45 3504 (AS 2 xi 4); Hirose 128 (AS 2 xi 13); CUSAS 16 302 (AS 2 xi 16); TRU 100 (AS 2 xi 20); Hirose 131 (AS 2 xi 25); UCP 9-2-2 11 (AS 2 xi 28).

¹⁸⁶⁰ Rochester 52 (AS 4 xi 18).

¹⁸⁶¹ Atiqot 4 pl. 10 59 (AS 2 xii 13); TCND 96 (AS 3 i 5); BPOA 7 2627 (AS 3 i 23); MVN 13 95 (AS 3 iii 10); OIP 121 65 (AS 3 iv 4); Hirose 140 (AS 3 iv 10); AuOr Suppl. 11 29 (AS 3 iv 12); SET 14 (AS 3 iv 13); Nisaba 8 329 (AS 3 iv 16); Hirose 141 (AS 3 iv 29); Hirose 145 (AS 3 xi 11); OIP 121 69 (AS 3 xii 4); Nisaba 8 224 (AS 4 i 3); SAT 2 807 (AS 4 i 20); Erm 14644 (AS 4 iv 29); Nisaba 8 251 (AS 4 viii 7); CST 291 (AS 4 ix 4); Princeton 1 22 (AS 4 ix 7); PPAC 4 64 (AS 4 ix 14); OIP 121 71 (AS 4 ix 23); Nisaba 8 182 (AS 4 ix 25); SAT 2 1175 (AS 4 ix 26); Hirose 166 (AS 4 ix m 1); JCS 52 40 36 (AS 4 ix m 8); TCND 170 (AS 4 ix m 16); AAICAB 1/2 pl. 120 1967-1491 (AS 4 ix m 17); TCND 171 (AS 4 ix m 19); CDLJ 2008/2 11 (AS 4 ix m 24); PPAC 4 65 (AS 4 ix m 27); PDT 2 1102 (AS 4 ix m 29); PDT 1 156 (AS 4 x 3); Hirose 169 (AS 4 x 6); TCND 172 (AS 4 x 9); ASJ 9 257 45 (AS 4 x 10); TCND 173 (AS 4 x 11); Hirose 172 (AS 4 xi 6); AuOr Suppl. 11 113 (AS 4 xi 9); MVN 13 96 (AS 4 xi 13); MVN 2 310 (AS 4 xii 4); CDLJ 2012/1 4.19 (AS 4 xii 7); AAICAB 1/2 pl. 120 1967-1492 (AS 4 xii 23); SACT 1 67 (AS 4 xii 27); RA 76 8 6 (AS X X 11).

utuda002	utuda003
S	S, u ₄ N-kam
u ₃ -tu-da	u ₃ -tu-da
u ₄ N-kam	ša ₃ na-KAB-tum-ma
B i ₃ -dab ₅	B i ₃ -dab ₅
M/Y	M/Y

3.1.2.5 Additional administrative activities issued by Šulgi-a'aĝu

3.1.2.5.1 One receipt (i₃-dab₅) of animals from deliveries (mu-DU) for Šulgi

In AS 2 iii 3, Šulgi-a'aĝu received (i₃-dab₅) the delivery of one sheep of Ahuni the general for Šulgi¹⁸⁶², which utilized the following formula (mudu A13):

mudu A13:
S, PN
mu-DU ^dŠul-gi-ra
B i₃-dab₅
u₄ N-kam
M/Y

3.1.2.5.2 One withdrawal of animals (zi-ga)

One label (CST 331) with the term E₂^{tum} “house” mentions the withdrawals of 48 oxen and 775 sheep/goats from Šulgi-a'aĝu in AS 5 ix.

3.1.2.6 Summary

3.1.2.6.1 Between AS 1 xi 3 and AS 6 ii 23, Šulgi-a'aĝu expended (ba-zi) 1,439+ animals for cultic purposes, members of the royal household, different individuals, the E'uzga, the “kitchen”, transferring to various individuals, producing meat, and additional purposes.

3.1.2.6.2 Between AS 1 xi 5 and AS 6 ii 22, Šulgi-a'aĝu expended (šu ba-ti) 1,287 dead animals accepted by Ur-niĝar/Šulgi-iriĝu.

3.1.2.6.3 Between AS 4 iv and AS 5 iv, Šulgi-a'aĝu transferred (i₃-dab₅) 684+ animals to bureaus and individuals.

3.1.2.6.4 Between AS 1 xi 5 and AS 4 xii 27, Šulgi-a'aĝu received (i₃-dab₅) 1,051 new-born (u₃-tu-da) animals.

¹⁸⁶² BIN 3 374 (AS 2 iii 3).

3.1.3 The Bureau of Šu-Mama

The administrative documents issued by the bureau of Šu-Mama, who replaced Šulgi-a'aĝu as the official of the naGaBtum branch, date between AS 6 i 3¹⁸⁶³ and AS 8 iv 22¹⁸⁶⁴. In addition, the administrative activities issued by Šu-Mama can be divided into the following categories:

1. The expenditure (ba-zi) of animals for cultic purposes, for members of the royal household, for foreigners, and for the “kitchen”.
2. The expenditure (šu ba-ti) of dead animals accepted by Šulgi-iriĝu.
3. Additional administrative activities: the expenditure (i₃-dab₅) of animals transferred to bureaus or individuals, and one pisan-dub-ba-label.

3.1.3.1 The expenditure (ba-zi) of animals

Between AS 6 xii 20 and AS 8 iv 15, Šu-Mama expended (ba-zi) animals for cultic purposes (see 3.1.3.1.1), for members of the royal household (see 3.1.3.1.2), for foreigners (see 3.1.3.1.3) and for the “kitchen” (see 3.1.3.1.4).

3.1.3.1.1 For cultic purposes

Šu-Mama expended (ba-zi) animals for six deities: Enlil¹⁸⁶⁵, Inana¹⁸⁶⁶, Iškur¹⁸⁶⁷, Malkum¹⁸⁶⁸, Nanna¹⁸⁶⁹ and Ninlil¹⁸⁷⁰. Also, he expended (ba-zi) animals for the dais of Ninhursag¹⁸⁷¹ and for the royal bathing ritual¹⁸⁷².

3.1.3.1.2 For members of the royal household

Šu-Mama expended (ba-zi) animals for Abisimti (daughter of Amar-Suen)¹⁸⁷³ and Šu-Šulgi (son of Amar-Suen)¹⁸⁷⁴.

3.1.3.1.3 For foreigners

Šu-Mama expended (ba-zi) animals for the following eight foreigners:

Anšan:	Girri ¹⁸⁷⁵
Mari:	Laqipum ¹⁸⁷⁶ , unnamed ¹⁸⁷⁷

¹⁸⁶³ Nisaba 8 142 (AS 6 i 3).

¹⁸⁶⁴ OIP 121 548 (AS 8 iv 22). For Šu-Mama identified as the official of the naGaBtum branch, see Tsouparopoulou 2008: 164-165. For Šulgi-a'aĝu, see Chapter 3.1.2.

¹⁸⁶⁵ ^dEn-lil₂: SET 64:2 (AS 7 ii 21, ša₃ e₂ ^dNin-lil₂-ka ezem gu₄-si-su₂ “at the temple of Ninlil during the *gusisu*-festival”).

¹⁸⁶⁶ ^dInana: MVN 5 95:16 (AS 7 i 9).

¹⁸⁶⁷ ^dIškur: OIP 121 547:3 (AS 7 xi 20).

¹⁸⁶⁸ ^dMa-al-ku-um: MVN 5 95:13 (AS 7 i 9).

¹⁸⁶⁹ ^dNanna: SET 64:13 (AS 7 ii 21, ša₃ e₂ ^dNin-lil₂-ka ezem gu₄-si-su₂).

¹⁸⁷⁰ ^dNin-lil₂: SET 64:11 (AS 7 ii 21, ša₃ e₂ ^dNin-lil₂-ka ezem gu₄-si-su₂).

¹⁸⁷¹ ²bara₂ ^dNin-hur-saĝ: SAT 2 1081:2-3 (AS 8 iii 19).

¹⁸⁷² a-tu₃-a lugal: MVN 5 116:17 (AS 7 iii 9).

¹⁸⁷³ A-bi₂-si₂-im-ti: BIN 3 165:2-3 (AS 8 ii 26).

¹⁸⁷⁴ Šu-^dŠul-gi dumu lugal: MVN 5 116:9-10 (AS 7 iii 9, u₄ nam-gala-še₃ in-ku₄-ra “when he entered into the gala-ship”).

¹⁸⁷⁵ Gir-ri lu₂-kin-gi₄-a Da-a-zi-<te> lu₂ An-ša-an^{ki}: BIN 3 477:8-9 (AS 8 i 18).

Neginehum:	Gadabi ¹⁸⁷⁸
Šimaški:	Dabuduk ¹⁸⁷⁹
Tutul:	<i>unnamed</i> ¹⁸⁸⁰
Uršu:	<i>unnamed</i> ¹⁸⁸¹
<i>Amorite:</i>	Naplanum ¹⁸⁸²

3.1.3.1.4 For the “kitchen”

3.1.3.1.4.1 Šu-Mama expended (ba-zi) animals to the “kitchen” for runners¹⁸⁸³.

3.1.3.1.4.2 Šu-Mama expended (ba-zi) animals to the “kitchen” for soldiers¹⁸⁸⁴.

3.1.3.1.4.3 Šu-Mama expended (ba-zi) animals to the “kitchen” for the GAR₃.DU people¹⁸⁸⁵.

3.1.3.1.4.4 Šu-Mama expended (ba-zi) animals to the “kitchen” for the GAR₃.DU people of Amar-Suen¹⁸⁸⁶.

3.1.3.1.4.5 Šu-Mama expended (ba-zi) animals to the “kitchen” for Hulibar, the governor of Duduli before his entering the city¹⁸⁸⁷.

3.1.3.1.4.6 Šu-Mama expended (ba-zi) animals to the “kitchen” for Šat-Šulgi, the daughter of the king¹⁸⁸⁸.

3.1.3.1.4.7 Šu-Mama expended (ba-zi) animals to the “kitchen” for the wife of Iddin-Dagan¹⁸⁸⁹.

3.1.3.1.5 The ĝiri₃- and/or maškim official

The ĝiri₃- and/or maškim officials, who were responsible for the disbursements of animals by Šu-Mama, are listed as follows (see Table 3.9):

Table 3.9 _ Distribution of ĝiri₃ or/and maškim officials responsible for the disbursals of animals by Šu-Mama

ĝiri ₃ /maškim	Culite	Royal	Individuals	Kitchen
A-hu-šu-ni sukkal			y	

¹⁸⁷⁶ La-qi₃-pu-um lu₂ Ma-ri₂^{ki}: SAT 2 1081:6 (AS 8 iii 19). For this PN, see Owen 1992: 128 (Laqip(um)). A possible variant is La-qi₃-ip identified as the person of Mari (see Princeton 1 73:4 “lu₂ Ma-ri₂^{ki}”). Also see Hilgert 2004.

¹⁸⁷⁷ lu₂ Ma-ri₂^{ki}: MVN 5 116:12 (AS 7 iii 9).

¹⁸⁷⁸ Ga-da-bi lu₂ Ne-gi-ne-hu-um^{ki}: BIN 3 477:12 (AS 8 i 18).

¹⁸⁷⁹ Da-bu-du-uk lu₂ La₃-ab-ra-at LU₂.SU: BIN 3 477:6 (AS 8 i 18).

¹⁸⁸⁰ lu₂ Tu-tu-ul^{ki}: MVN 5 116:14 (AS 7 iii 9).

¹⁸⁸¹ lu₂ Ur-šu^{ki}: MVN 5 116:13 (AS 7 iii 9).

¹⁸⁸² Na-ap-la-num₂ mar-tu: OIP 121 543:2 (AS 7 i 4).

¹⁸⁸³ e₂ muhaldim, mu kaš₄-e-ne-še₃: MVN 5 116:5 (AS 7 iii 9); BIN 3 477:2 (AS 8 i 18); BPOA 6 107:4 (AS 7 i 22).

¹⁸⁸⁴ e₂ muhaldim, mu aga₃-us₂-e-ne-še₃: PPAC 4 40:3 (AS 6 xii 20).

¹⁸⁸⁵ e₂ muhaldim, mu gar₃-du-e-ne-še₃: Erm 14693:5 (AS 7 ii 27); BPOA 7 2564:4 (AS 7 vi 6); PDT 2 951:3 (AS 8 iv 15).

¹⁸⁸⁶ e₂ muhaldim, mu gar₃-du^d Amar-^dEN.ZU-ke₄-ne-še₃: Rochester 69:3 (AS 7 i 20).

¹⁸⁸⁷ e₂ muhaldim, mu Hu-li-bar ensi₂ Du₈-du₈-li₂^{ki} -še₃ dub-saĝ uru-a ku₄-ra-ni: MVN 5 95:5-6 = SAT 2 316:5-6 (AS 7 i 9).

¹⁸⁸⁸ e₂ muhaldim, mu Ša-at-^dŠul-gi dumu-munus lugal-še₃: MVN 5 95:9 = SAT 2 316:9 (AS 7 i 9).

¹⁸⁸⁹ e₂ muhaldim, mu dam I-din-^dDa-gan-še₃: MVN 5 116:2 (AS 7 iii 9).

ġiri₃/maškim	Cultic	Royal	Individuals	Kitchen
Ad-da-sa ₆ -ga aga ₃ -us ₂			y	
Arad ₂ -ġu ₁₀	x	x	x	x
Bur-Ma-ma sukkal				y
DIĠIR-dan sukkal		x	x	x
^d En-lil ₂ -zi-ša ₃ -ġal ₂	x			
En- ^d Nanše-ki-aġ ₂ sagi	x			
Ha-ni sukkal			y	
Hu-ba-nu-du-uk		y		
Kal-la sukkal				y
MUR ₇ -te-li	x			
Nu-ur ₂ - ^d EN.ZU sagi	y			
Pa ₂ -pa ₂ -an-še-en	x			
Šu-AB.BA sukkal			y	
Šu-Ma-ma		y		
^d Šul-gi-iri-ġu ₁₀				y
Ur- ^d Šar-ru-gen ₇			y	
Ur- ^d Šul-pa-e ₃ muhaldim	x			

3.1.3.1.6 Formulary

The following 18 types of formulae are attested in the disbursements of animals by Šu-Mama for cultic purposes (bazi A42, A45, A56, A80-82), for members of the royal household (bazi B22, B35), for different individuals (bazi C37, C49, C57), and for the “kitchen” (bazi E6, E36, E46, E50-53) (see Table 3.10).

Table 3.10 Formulae attested in the disbursals of animals by Šu-Mama

Type	Component	Formula	Commentary	Example
bazi A42	1-2-4	S, DN PN maškim	animals with one maškim official for one deity	OIP 121 547:1-5
bazi A45	1-2-4-7	S, DN PN maškim ša ₃ a-ša ₃ igi-tum ₃ -ma	animals with one maškim official for one deity at GN	MVN 5 95:12-15
bazi A56	1-2-5-4	S, DN ġiri ₃ PN PN maškim	animals with one ġiri ₃ official and one maškim official for one deity	MVN 5 95:16-18
bazi A80	1-2-7-8-4	<u>S, DN</u> ša ₃ e ₂ DN1-ka	animals with one maškim official for two or more deities	SET 64:1-16

Type	Component	Formula	Commentary	Example
		ezem gu ₄ -s ₁ -su PN maškim	at the temple of DN1, for the <i>gusisu</i> -festival	
bazi A81	1-2-4	S, a-tu ₃ -a lugal-še ₃ PN maškim	animals for the royal lustration rite with one maškim official	MVN 5 116:17- 18
bazi A82	1-2-4	S, bara ₂ ^d Nin-hur-saĝ gu ₂ i ₇ -da NE.KU.KU PN maškim	animals for the dais of Ninhursaĝ, ..., with one maškim official	SAT 2 1081:1-4
bazi B22	1-2-8-5-4	S, PNr mu-DU u ₄ -nu ₂ -a-ka-na ki-ba ba-na-a-ĝar ĝiri ₃ PN PN maškim	animals with one ĝiri ₃ and one maškim official for PNr, delivered and replaced for his/her “New-Moon-festival”	BIN 3 165:1-5
bazi B35	1-2-9-5-4	S, PNr u ₄ nam-gala-še ₃ i ₃ -ku ₄ -ra ĝiri ₃ PN <PN maškim>	animals via PN, with one maškim official for one royal member, when he/she entered into the bala-ship	MVN 5 116:8- 11,16
bazi C37	1-2-5-4	S, PN ĝiri ₃ PN1 PN2 maškim	animals with one ĝiri ₃ official and one maškim official for PN	SAT 2 1081:5-8
bazi C49	1-2-5-4	S, PN ĝiri ₃ PN PN maškim	animals with one ĝiri ₃ official and one maškim official for more individuals	MVN 5 116:12- 16
bazi C57	1-2-9-5-4	S, ki PN-še ₃ kur mar-tu-še ₃ ma ₂ -a ba-a-gub ĝiri ₃ PN PN maškim	animals with one ĝiri ₃ official and one maškim official for PN1, they (=animals) were loaded to a boat, when he/she went to the “Amorite mountain”	OIP 121 543:1- 4
bazi E6	1-2-4	S šu-gid ₂ e ₂ muhaldim-še ₃ mu aga ₃ -us ₂ -e-ne-še ₃ PN maškim	animals as the šu-gid-contingent with one maškim official to the “kitchen” for the soldiers	PPAC 4 40:1-4
bazi E36	1-2-4	S šu-gid ₂ e ₂ muhaldim mu gar ₃ -du-e-ne-še ₃ PN maškim	animals as the šu-gid-contingent to the “kitchen” for GAR ₃ .DU people, with one maškim official	Erm 14693:1-6
bazi E46	1-2-5-4	S, e ₂ muhaldim mu kaš ₄ -ke ₄ -ne-še ₃ ĝiri ₃ PN <PN maškim>	animals to the “kitchen” for the runners, with one ĝiri ₃ and one maškim official	BIN 3 477:1- 3,14
bazi E50	1-2-4	S1 mu PN1-še ₃ , ĝiri ₃ PN2	animals to the “kitchen” for	MVN 5 116:1-

Type	Component	Formula	Commentary	Example
		S2 mu kaš ₄ -ke ₄ -ne-še ₃ , ġiri ₃ PN3 e ₂ muhaldim-še ₃ <PN maškim>	PN1 and runners, via PN2 and PN3, with one maškim official	7,16
bazi E51	1-2-4	S šu-gid ₂ , e ₂ muhaldim mu gar ₃ -du ^d Amar- ^d EN.ZU- ke ₄ -ne-še ₃ PN maškim	animals as the šu-gid-contingent to the “kitchen” for GAR ₃ ,DU people of Amar-Suen, with one maškim official	Rochester 69:1- 4
bazi E52	1-2-5-4	S šu-gid ₂ , e ₂ muhaldim mu gar ₃ -du-ne-še ₃ ġiri ₃ PN PN maškim	animals as the šu-gid-contingent with one ġiri ₃ official and one maškim official to the “kitchen” for GAR ₃ ,DU people	BPOA 7 2564:1-6
bazi E53	1-2-4	S1 mu PN1-še ₃ , dub-saġ uru-a ku ₄ -ra-ni, ġiri ₃ PN1 S2 mu PN2-še ₃ e ₂ muhaldim-še ₃ PN maškim	animals for PN1, before they were sent to a city via PN1; animals for PN2; to the “kitchen”, with one maškim official	MVN 5 95:4-11

3.1.3.1.7 Brief summary

The total of number of animals that Šu-Mama disbursed (ba-zi) is listed as follows (see Table 3.11):

Table 3.11 Statistics of the number of animals disbursed by Šu-Mama

Destination	Ox	Sheep	Goat	Subtotal
Cultic	15	14	23	52
Royal	0	4	2	6
Individual	1	13	7	21
Kitchen	1+	73+	7	81+
Total:	17+	104+	39	160+

3.1.3.2 The expenditure (šu ba-ti) of dead animals accepted by Šulgi-iriġu

Between AS 6 iii 13 and AS 8 iv 22¹⁸⁹⁰, Šu-Mama expended (šu ba-ti) 138 deal animals (4

¹⁸⁹⁰ ki Šu-Ma-ma-ta, ^dŠul-gi-iri-ġu₁₀ šu ba-ti: PDT 2 1199 (AS 6 iii 13); OIP 121 542 (AS 6 xi 8); TCND 353 (AS 6 xii 8); Hirose 250 (AS 7 i 16); MVN 13 84 (AS 7 i 18); CDLJ 2008/2 4 (AS 7 i 21); Erm 14598 (AS 7 i 23); Erm 14847 (AS 7 i 25); MVN 15 43 (AS 7 i 29); Hirose 251 (AS 7 ii 11); Nisaba 8 293 (AS 7 iii 7); OIP 121 544 (AS 7 iv 6); UCP 9-2-2 61 (AS 7 iv 13); AUCT 1 579 (AS 7 iv 17); TCND 359 (AS 7 iv 19); TCND 360 (AS 7 iv 23); BPOA 6 601 (AS 7 iv 27); OIP 121 545 (AS 7 v 10); Hirose 255 (AS 7 v 22); ASJ 7 177 TRU 233 (AS 7 vii 2); Hirose 261 (AS 7 vii 16); AUCT 1 768 (AS 7 viii 5); Hirose 267 (AS 7 ix 11); SET 33 (AS 7 x 26); OIP 121 546 (AS 7 xi 14); TCND 364 (AS 7 xii 14); SACT 1 95 (AS 7 xii 26); Erm 07872 (AS 8 i 3); TCND 365 (AS 8 i 4); BPOA 7 2991 (AS 8 iv 15); OIP 121 548 (AS 8 iv 22).

oxen, 110 sheep, 24 goats) which were accepted by Šulgi-iriĝu. The monthly distribution of these dead animals is listed as follows (see Table 3.12):

Table 3.12 Monthly distribution of dead animals accepted by Šulgi-iriĝu from Šu-Mama

	i	ii	iii	iv	v	vi	vii	viii	ix	x	xi	xii	Sum
AS 6			12	0	0	0	0	0	0	0	9	10	31
AS 7	20	1	3	37	4	0	6	2	4	3	4	7	91
AS 8	13	0	0	3									16

From the above chart, some conclusions can be safely drawn. First, the overall number of dead animals is not very high. Second, the highest monthly number of dead sheep in each year lies in AS 7 iv, followed by AS 7 i. Third, there is a big gap from AS 6 iv to AS 6 x, and other gap months of dead animals lie in AS 7 vi, AS 8 ii-iii. Interestingly, in AS 7 iv 17, one female gazelle was accepted from Šu-Mama by Šulgi-iriĝu¹⁸⁹¹.

In addition, two types of text formulae (sbt001, sbt004) are attested in the transactions of dead animals from Šu-Mama to Šulgi-iriĝu. The two formulae are given below:

sbt001	sbt004
S ba-ug ₇ /uš ₂	S ba-ug ₇ /uš ₂
u ₄ N-kam	ki B-ta
ki B-ta	PN šu ba-ti
PN šu ba-ti	M/Y
M/Y	

3.1.3.3 The expenditure (i₃-dab₅) of animals transferred to bureaus and individuals

Between AS 6 i 3 and AS 7 xi, Šu-Mama transferred (i₃-dab₅) 16 animals to Uta-mišaram (1 goat)¹⁸⁹², the official of the subordinate bureaus of the Puzriš-Dagan organization, and to four individuals: Ilallum the governor of Urusaĝrig (3 sheep)¹⁸⁹³, Lugal-magure the temple perfect (uncounted)¹⁸⁹⁴, Nur-Eštar the governor (5 sheep, 5 goats)¹⁸⁹⁵ and Ur-Bau the temple perfect (2 oxen)¹⁸⁹⁶. In addition, the following five types of formulae are attested in the transfers of animals from Šu-Mama to bureaus and individuals (see Table 3.13):

Table 3.13 Formulae attested in the transfers of animals from Šu-Mama

Type	Formula	Example
idab001	S, u ₄ N-kam, ki B-ta, PN i ₃ -dab ₅ , MY	Nisaba 8 142

¹⁸⁹¹ AUCT 1 579 (AS 7 iv 17).

¹⁸⁹² U₂-ta₂-mi-šar-ra-am: Nisaba 8 142 (AS 6 i 3). For Uta-mišaram, see Chapter 4.1.

¹⁸⁹³ I₃-lal₃-lum ensi₂ Uru-saĝ-rig^{ki}: STD 7 (AS 7 xi).

¹⁸⁹⁴ Lugal-[ma₂-gu]r₈-re šabra: PPAC 4 177 (AS 7 vii).

¹⁸⁹⁵ Nu-ur₂-Eš₁₈-tar₂ ensi₂: BIN 3 281 (AS 6 ii 17).

¹⁸⁹⁶ Ur-^dBa-u₂ šabra: MVN 20 177 (AS 7 vii).

Type	Formula	Example
idab002	S, ki B-ta, PN i ₃ -dab ₅ , MY	SumTemDocs 7
idab071	S, sa ₂ -du ₁₁ DN-še ₃ , ki B-ta, PN i ₃ -dab ₅ , MY	MVN 20 177
idab163	S, na-KAB-tum lugal, ša ₃ GN, ki B-ta, PN i ₃ -dab ₅ , kišib PN, M u ₄ N ba-zal, Y	BIN 3 281
idab164	S, ki B-ta, e ₂ -kurušda DN-še ₃ , PN i ₃ -dab ₅ , kišib PN, MY	PPAC 4 177

3.1.3.4 Additional administrative activities

3.1.3.4.1 One pisan-dub-ba-label issued by Šu-Mama

The text Erm 14878, dated AS 6 xii, is a pisan dub-ba-label issued by Šu-Mama.

3.1.3.4.2 One strange yearly document issued by Šu-Mama

The text BIN 3 471 is a strange document issued by Šu-Mama, sealed by Ahu-Wer and dated between AS 5 xi and AS 6 viii. The administrative significance of the text is unclear. Its cuneiform inscription reads:

Part 1	1. iti Me-ki-ĝal ₂ 2. iti še-KIN-ku ₅ 3. mu en ^d Inana	Month, Year: from AS 5 xi to xii.
Part 2	4. iti ezem ^d Šul-gi 5. iti šu-eš ₅ -ša 6. mu Ša-aš-ru ^{ki} ba-hul	Month, Year: from AS 6 vii to viii.
Part 3	7. sa ₂ -du ₁₁ ^d Inana 8. udu-bi 2-am ₃ 9. kišib-bi ki A-hu-We-er 10. ki Šu-Ma-ma-ta / tum ₃ -ma [?]	regular offering for Inana its sheep were 2 (sheep) its seal was Ahu-Wer from Šu-Mama, (they were) brought out.

3.1.3.5 Summary

3.1.3.5.1 Between AS 6 xii 20 and AS 8 iv 15, Šu-Mama expended (ba-zi) 160+ animals for cultic purposes, members of the royal household, foreigners and the “kitchen”.

3.1.3.5.2 Between AS 6 iii 13 and AS 8 iv 22, Šu-Mama expended (šu ba-ti) 138 dead animals accepted by Šulgi-iriĝu.

3.1.3.5.3 Between AS 6 i 3 and AS 7 xi, Šu-Mama transferred (i₃-dab₅) 16 animals to one bureau of the Puzriš-Dagan organization and four individuals.

3.1.4 The Bureau of Zubaga

The administrative documents issued by the bureau of Zubaga, who probably replaced Šu-Mama as the official of the naGaBtum branch, date between AS 8 v 5¹⁸⁹⁷ and SS 1 xii diri 16¹⁸⁹⁸, which spans one and a half year or so during the reign of Amar-Suen. In addition, the administrative activities issued by Zubaga can be divided into the following categories:

1. The expenditure (ba-zi) of animals for cultic purposes, members of the royal household, different individuals, the “kitchen” and transferring to bureaus or individuals.
2. The expenditure (šu ba-ti) of dead animals accepted by Šulgi-iriĝu.
3. The expenditure (i₃-dab₅) of animals transferred to Uta-mišaram and Nanna-ma(n)ba.

3.1.4.1 The expenditure (ba-zi) of animals

Between AS 8 v 14 and AS 9 xii diri 14, Zubaga expended (ba-zi) animals for cultic purposes (see 3.1.4.1.1), for members of the royal household (see 3.1.4.1.2), for different individuals (see 3.1.4.1.3), for the “kitchen” (see 3.1.4.1.4) and for transferring to bureaus or individuals (see 3.1.4.1.5).

3.1.4.1.1 For cultic purposes

3.1.4.1.1.1 For deities

Zubaga expended (ba-zi) animals for the following deities: Dagan¹⁸⁹⁹, Enlil¹⁹⁰⁰, Enlil-Ninlil¹⁹⁰¹, Gansura¹⁹⁰², Haburitam¹⁹⁰³, Inana¹⁹⁰⁴, Išhara¹⁹⁰⁵, Nana’a¹⁹⁰⁶, Nanše¹⁹⁰⁷, Nindara¹⁹⁰⁸, Ninegal¹⁹⁰⁹, Ninĝirsu¹⁹¹⁰, Ninĝišzida¹⁹¹¹, Ninhursaĝ¹⁹¹², Ninlil¹⁹¹³, Nin-Isin¹⁹¹⁴, Suen¹⁹¹⁵ and Šauša¹⁹¹⁶. It is

¹⁸⁹⁷ CST 378 (AS 8 v 5).

¹⁸⁹⁸ BCT 1 20 (SS 1 xii d 16): ki Zu-ba-ga-ta, ^dŠul-gi-iri-ĝu₁₀ šu ba-ti. For Zubaga identified as the official of the naGaBtum branch, see Tsouparopoulou 2008: 164-165. For Šu-Mama, see Chapter 3.1.3.

¹⁸⁹⁹ ^dDa-gan: MVN 13 639:28 (AS 9 ix 11); OIP 121 572:1 (AS 9 ix 14, ša₃ e₂ Ba-ba-ti “at house of Babati”); Ontario 1 160:5 (AS 9 xi 18, mu A-bi₂-si₂-im-ti-še₃ “on behalf of Abisimti”).

¹⁹⁰⁰ ^dEn-lil₂: MVN 13 639:2 (AS 9 ix 11).

¹⁹⁰¹ ^dEn-lil₂ ^dNin-lil₂: PDT 2 1264:3 (AS 8 viii 19).

¹⁹⁰² ^dGa-an-sur-ra: SACT 1 169:6 (AS 9 xi 7).

¹⁹⁰³ ^dHa-bu-ri₂-tum: Ontario 1 160:4 (AS 9 xi 18, mu A-bi₂-si₂-im-ti-še₃). For this deity, see Such-Gutiérrez 2003: 330-331.

¹⁹⁰⁴ ^dInana: OIP 121 553 (AS 8 vi 4); MVN 13 639:12 (AS 9 ix 11); MVN 13 639:27 (AS 9 ix 11, mu lugal-še₃ mu Ku₈-ba-tum-še₃ “on behalf of king and Kubatum”); TCND 260 (AS 9 xi 4); BIN 3 382:1 = OIP 121 576:1 (AS 9 xi 17, mu A.AB.BA-ba-aš-ti-še₃ “on behalf of Tiamat-bašti”).

¹⁹⁰⁵ ^dIš-ha-ra: Ontario 1 160:6 (AS 9 xi 18, mu A-bi₂-si₂-im-ti-še₃). For this deity, see Such-Gutiérrez 2003: 250-251.

¹⁹⁰⁶ ^dNa-na-a: Ontario 1 115:7 (AS 9 xii d 14, mu dumu-munus Ur-^dEn-lil₂-la₂-ka-še₃ “on behalf of daughter of Ur-Enlil”).

¹⁹⁰⁷ ^dNanše: Princeton 2 122:4 (AS 8 v 25, ezem munu₄-gu₇ ša₃ Ĝir₂-su^{ki}-še₃ “Malt-eating-festival at Girsu”). For the phrase munu₄-gu₇ „Malz-Essen(-Fest)“, see Sigrist 1992: 165 and Sallaberger 1993: 283.

¹⁹⁰⁸ ^dNin-dar-a ša₃ Ki-eš^{ki}: Princeton 2 122:6 (AS 8 v 25, ezem munu₄-gu₇ ša₃ Ĝir₂-su^{ki}-še₃).

¹⁹⁰⁹ ^dNin-e₂-gal: MVN 13 639:29 (AS 9 ix 11).

¹⁹¹⁰ ^dNin-ĝir₂-su: Princeton 2 122:2 (AS 8 v 25, ezem munu₄-gu₇ ša₃ Ĝir₂-su^{ki}-še₃).

¹⁹¹¹ ^dNin-ĝiš-zi-da Ĝiš_x(NIŠ)-banda₃^{da.ki}: JCS 23 114 31:4 (AS 8 vi 20, ša₃ ma₂-diri-ga). Another reference to this GN is the text Fs Levine 132-138 (ša₃ Ĝiš-banda₃^{da.ki}). For the GN Ĝiš-banda₃^{da.ki}, see Zimmern 1930: 258, van

noted that the disbursements of animals by Zubaga for deities are frequently on behalf of members of the royal household, which indicates that the administrative significance of the bureau of Zubaga is probably affiliated with members of the royal household (see Chapter 4: The officials for the Royal Court branch).

3.1.4.1.1.2 For the late deified king

Zubaga expended (ba-zi) animals for the throne of Amar-Suen¹⁹¹⁷.

3.1.4.1.1.3 For additional cultic purposes

Zubaga expended (ba-zi) animals for the mound of the deity Ur-saĝ-7¹⁹¹⁸, for the *erubatum*-festival of the temples of Dagan and Išhara¹⁹¹⁹, for the rite of the place of Utu¹⁹²⁰, for the throne¹⁹²¹ and for the “cultic place” (zag-gu₂-la₂, kak-gu-la₂)¹⁹²².

3.1.4.1.2 For members of the royal household

Zubaga expended (ba-zi) animals for Abisimti (wife of Amar-Suen)¹⁹²³ and ME-Ištaran (daughter of Amar-Suen)¹⁹²⁴.

3.1.4.1.3 For different individuals

Zubaga expended (ba-zi) animals for the following 11 foreigners:

Egula:	Idadu ¹⁹²⁵
Hamazi:	daughter-in-law of Ur-Adad ¹⁹²⁶
Harši:	I-ša-PI-ir ¹⁹²⁷ , Marhuni ¹⁹²⁸
Mahili:	Walala ¹⁹²⁹

Buren 1934: 77, and Edzard 1957-1971. For the phrase ma₂-diri-ga, see Carroué 1991: 136-138.

¹⁹¹² dNin-hur-saĝ nu-banda₃-ra: JCS 23 114 31:2 (AS 8 vi 20, ša₃ ma₂-diri-ga).

¹⁹¹³ dNin-lil₂: MVN 13 639:5 (AS 9 ix 11, udu-ĝi₆-kam); Ontario 1 115:2 (AS 9 xii d 14).

¹⁹¹⁴ dNin-Isin₂ si₁ki i₃-si₁ Isin₂ ki -še₃: SACT 1 169:2-3 (AS 9 xi 7, u₄ La-ra-ak^{ki}-še₃ i₃-ĝen-na-a “when she went to Larak”); Rochester 77:6-7 (AS 9 xi 25).

¹⁹¹⁵ ki^d EN.ZU: MVN 13 639:11 (AS 9 ix 11).

¹⁹¹⁶ dŠa-u₁₈-ša: BIN 3 382:7 = OIP 121 576:7 (AS 9 xi 17, mu A.AB.BA-ba-aš-ti-še₃). For this deity, see Trémouille 2009-2011.

¹⁹¹⁷ ĝis^{gu}-za^d Amar-^dEN.ZU: SumRecDreh 20:5 (AS 9 ii 9); SET 66:5 (AS 9 ii 26).

¹⁹¹⁸ du₆ dUr-saĝ-7: BIN 3 402:2-3 (AS 8 vi 10, uzu-bi gar₃-du lu₂ Hu-uh₂-nu-ri^{ki}-ke₄-ne ba-ab-gu₇ ša₃ a-ša₃ dAmar-^dEN.ZU-engar-^dEn-lil₂-la₂ “its flesh eaten by the GAR₃.DU people of Huhnuri at the field of Amar-Suen-engar-Enlila”). For this deity dUr-saĝ-7, see Sallaberger 1993: 105. Other references to the personal name Amar-Suen-engar-Enlila are TRU 324 (AS 8 iii 14), TCND 256 (AS 9 i 17) and TCL 2 5556 (undated).

¹⁹¹⁹ e-ru-ba-tum e₂ dDa-gan u₃ dIš-ha-ra: JCS 57 28 5:3 (AS 8 ix 12). For the term e-ru-ba-tum “(a festival)”, see Sigrist 1992: 243, Hilgert 1994, Sallaberger 1999: 259, and Such-Gutiérrez 2003: 233.

¹⁹²⁰ siskur₂ ki^d Utu en-na: MVN 15 365:2-4 (AS 8 xii 14, u₄ En-^dNanna-^dAmar-^dEN.ZU-ra-ki-aĝ₂-an-na en Ga-eš₅^{ki} huĝ-ĝa₂ “when En-Nanna-Amar-Suen-ria-ki-ana the en-priestess of Gaeš was installed”).

¹⁹²¹ dgu-za: MVN 13 639:3 (AS 9 ix 11).

¹⁹²² zag-gu₂-la₂: SET 66:3 (AS 9 ii 26), kak-gu-la₂-še₃: UCP 9-2-2 20:2-3 (AS 8 ix 5). For the term zag/za₃-gu₂-la₂ „Ehrenplatz“, see Prang 1976: 16, and Sallaberger 1993: 220.

¹⁹²³ A-bi₂-si₂-im-ti: OIP 121 556:3 (AS 8 ix); SET 66:15-16 (AS 9 ii 26); Erm 14856:3 (AS 9 ii); JCS 52 10 35:2 (AS 9 ix).

¹⁹²⁴ ME-^dIštaran: JCS 57 28 5 (AS 8 ix 12).

¹⁹²⁵ I-da-du dumu Bi₂-li₂-ib-ba ensi₂ E₂-gu-la^{ki}: SET 66:30 (AS 9 ii 26).

¹⁹²⁶ e₂-gi₄-a Ur-^dIškur ensi₂ Ha-ma-zi₂^{ki}: BIN 3 382:5 = OIP 121 576:5 (AS 9 xi 17); Ontario 1 160:2 (AS 9 xi 18); TCND 261:2 (AS 9 xi 19).

¹⁹²⁷ I-ša/ši-PI-ir dumu Ad-da-gi-na lu₂ Ha-ar-ši^{ki}: OIP 121 555:6 (AS 8 ix 13); BIN 3 173:9 (AS 8 ix 14); OIP 121 572:4 (AS 9 ix 14). For the PNs I-ša/ši-PI-ir (or I-ša-we-er) and Ad-da-gi-na, see Owen 1988: 113.

¹⁹²⁸ Mar-hu-ni lu₂ Ha-ar-ši^{ki}: OIP 121 553:5 (AS 8 vi 4); BIN 3 402:7 (AS 8 vi 10); BPOA 6 646:2 (AS 8 vi 16).

Mukiš:	Gababa ¹⁹³⁰
Simurum:	Kiribulme ¹⁹³¹
Šimanum:	Arip-atal ¹⁹³²
Šimaški:	Babduša ¹⁹³³
Zidahri:	Dunġaʾat (Danġaʾat) ¹⁹³⁴
Amorite:	Naplanum ¹⁹³⁵

Furthermore, Zubaga expended (ba-zi) animals for the following six individuals: Halati the royal dry-nurse¹⁹³⁶, Libur-ituni¹⁹³⁷, Migir-Ninliltum the daughter-in-law of Nanip-atal¹⁹³⁸, Ur-niġar¹⁹³⁹, Ur-Šuzianka the cook¹⁹⁴⁰, and the daughter of Ur-Enlil¹⁹⁴¹.

3.1.4.1.4 For the “kitchen”

3.1.4.1.4.1 Zubaga expended (ba-zi) animals to the “kitchen” for the GAR₃.DU people¹⁹⁴².

3.1.4.1.4.2 Zubaga expended (ba-zi) animals to the “kitchen” for runners¹⁹⁴³.

3.1.4.1.4.3 Zubaga expended (ba-zi) animals to the “kitchen” for Naplanum the Amorite¹⁹⁴⁴.

3.1.4.1.4.4 Zubaga expended (ba-zi) animals to the “kitchen” for military governors¹⁹⁴⁵.

3.1.4.1.4.5 Zubaga expended (ba-zi) animals to the “kitchen” for the wife of Beli-arik¹⁹⁴⁶.

3.1.4.1.5 For other purposes

3.1.4.1.5.1 Zubaga expended (ba-zi) animals for making roasted meat, which were transferred (i₃-dab₅) to Aʾa-kala¹⁹⁴⁷

3.1.4.1.5.2 Zubaga expended (ba-zi) 264 weaned animals (179 sheep, 85 goats) which were transferred (i₃-dab₅) to Tah(i)š-atal¹⁹⁴⁸.

3.1.4.1.6 The ġiri₃- and/or maškim official

¹⁹²⁹ Wa-la-la lu₂ Ma-hi-li^{ki}: SET 66:26 (AS 9 ii 26).

¹⁹³⁰ Ga-ba-ba lu₂ Mu-ki-iš^{ki}: OIP 121 575:5 (AS 9 xi 3); TCND 260:7 (AS 9 xi 4). For this name, see Owen 1992: 132 (Gababa, note 66).

¹⁹³¹ Ki-ri-ib-ul-me lu₂ Si-mu-ru-um^{ki}: BIN 3 173:11 (AS 8 ix 14); SET 66:21 (AS 9 ii 26); OIP 121 575:2 (AS 9 xi 3); TCND 260:5 (AS 9 xi 4); SACT 1 169:9 (AS 9 xi 7).

¹⁹³² Ar-pa₂-tal lu₂ Ši-ma-num^{ki}: MVN 13 639:33 (AS 9 ix 11). For the reading of this person, see Owen 1988: 118.

¹⁹³³ Ba-ab-du-ša lu₂-kin-gi₄-a Ia₃-ab-ra-at LU₂.SU: SET 66:28 (AS 9 ii 26).

¹⁹³⁴ DAN-ġa₂-a-at lu₂ Zi-da-ah-ri^{ki}: JCS 57 28 5:12 (AS 8 ix 12); BIN 3 173:7 (AS 8 ix 14); OIP 121 555:3 (AS 8 ix 13).

¹⁹³⁵ Na-ap-la-num₂ mar-tu: SET 66:23 (AS 9 ii 26); BIN 3 382:11 = OIP 121 576:11 (AS 9 xi 17).

¹⁹³⁶ Ha-la-ti um-ma-da lugal: MVN 13 639:36 (AS 9 ix 11).

¹⁹³⁷ Li-bur-i₃-tu₃-ni: MVN 13 549:2 (AS 9 vi).

¹⁹³⁸ Mi-ġir-^dNin-lil₂-tum e₂-gi₄-a Na-ni-pa₂-tal: Hirose 297:6-7 (AS 9 xi 16).

¹⁹³⁹ Ur-ni₉-ġar lu₂-nam-dumu: SET 66:34 (AS 9 ii 26). Another reference to the name Ur-ni₉-ġar lu₂-nam-dumu is MVN 4 96 (AS 9 viii 2).

¹⁹⁴⁰ Ur-^dŠu-zi-an-ka muhaldim: Nisaba 8 252:2 (AS 9 iii 24).

¹⁹⁴¹ dumu-munus Ur-^dEn-lil₂-la₂: MVN 13 549:4 (AS 9 vi ?).

¹⁹⁴² e₂ muhaldim, mu ġar₃-du-e-ne-še₃: AUCT 3 295:4 (AS 8 v 14); Princeton 2 122:11 (AS 8 v 25); BPOA 6 631:5 (AS 8 vii 22); OIP 121 557:4 (AS 8 xii 4).

¹⁹⁴³ e₂ muhaldim, mu kaš₄-e-ne-še₃: BPOA 6 631:5 (AS 8 vii 22); MVN 13 639:32 (AS 9 ix 11).

¹⁹⁴⁴ e₂ muhaldim, mu Na-ap-la-num₂ mar-tu-še₃: OIP 121 554:3 (AS 8 viii 29); SET 66:12 (AS 9 ii 26).

¹⁹⁴⁵ e₂ muhaldim, mu šakkan₂-ke₄-ne-še₃: SET 66:11 (AS 9 ii 26).

¹⁹⁴⁶ e₂ muhaldim, mu dam Be-li₂-a-ri₂-ik-še₃: Hirose 297:3 (AS 9 xi 16).

¹⁹⁴⁷ A-a-kal-la i₃-dab₅: TLB 3 23 (AS 9 iv 24); OIP 121 577 (AS 9 xii d 10).

¹⁹⁴⁸ Ta₂-hi-iš-a-tal i₃-dab₅: OIP 121 566 (AS 9 iv).

The ĝiri₃- and/or maškim officials, who were responsible for the disbursements of animals by Zubaga, are listed as follows (see Table 3.14):

Table 3.14 Distribution of ĝiri₃ or/and maškim officials responsible for the disbursals of animals by Zubaga

ĝiri ₃ /maškim	Cultic	Royal	Individuals	Kitchen	Transferor
Ad-da-sa ₆ -ga aga ₃ -us ₂			y		
A-hu-ni sagi	x				
A-tu sagi	x				
Arad ₂ -ĝu ₁₀	x	x	x	x	
Ba-ba-ti			y		
Ba-za-za sukkal			y		
Bur-Ma-ma sukkal	y				
Da-da sagi	xy				
DIĜIR-dan sukkal				x	
E-ze ₂ -mi-na ra ₂ -gaba	y				
^d En-lil ₂ -a ₂ -mah sagi	x				
^d En-lil ₂ -zi-ša ₃ -ĝal ₂	x				
En-um-i ₃ -li ₂ ra ₂ -gaba	x		x		
^d EN.ZU-ka ₃ -ši-id sukkal			y		
Er ₃ -ra-ba-ni		y			
Ha-ab-ru ra ₂ -gaba	x				
Hu-zi-ri sukkal			y		
I-din- ^d Da-gan	x				
Kas ₃ -pu-ša ₃ sagi	x				
Kir/Gir-ba-tal sukkal			y		
Ku ₃ - ^d Nanna sukkal			x		
La-la-mu sukkal			y		
La-ma-har sagi	x	x			
La-qi ₂ -ip sukkal			y		
Lugal-ma ₂ -gur ₈ -re	x				
^d Nanna-i ₃ -gi sukkal			y		
NI.A sukkal			y		
Nu-ur ₂ - ^d EN.ZU sagi	x				
Ri-ib-hu-ti sukkal			y		
Ri-iš-DIĜIR ra ₂ -gaba				x	
Šu-AB.BA sukkal				y	
Šu- ^d Nin-šubur ra ₂ -gaba			x		
^d Šul-gi-iri-ĝu ₁₀ (sukkal)	x		y		

	Cultic	Royal	Individuals	Kitchen	Transferor
ġiri₃/maškim					
Ta ₂ -hi-iš-a-tal		y			
Tu-ra-am- ^d Da-gan		x			
Ur- ^d Ba-u ₂ muhaldim	x			y	
Ur- ^d EN.ZU muhaldim		y			
Wa-qar- ^d Amar- ^d EN.ZU ra ₂ -gaba			x		
Zu-ba-ga		y			

3.1.4.1.7 Formulary

The following 21 types of formulae are attested in the disbursements of animals by Zubaga for cultic purposes (bazi A21, A42, A56-57, A59, A83-87), for members of the royal household (bazi B1), for different individuals (bazi C7, C37, C58), for the “kitchen” (bazi E33, E36, E46, E54-56), and for other purposes (bazi K16) (see Table 3.15).

Table 3.15 Formulae attested in the disbursals of animals by Zubaga

Type	Component	Formula	Commentary	Example
bazi A21	1-2-4	S (^{ġis})gu-za ^d Amar- ^d EN.ZU PN maškim	animals in the deliveries with one maškim official for the throne of Amar-Suen	SumRecDreh 20:1-6
bazi A42	1-2-4	S, DN PN maškim	animals with one maškim official for one deity	OIP 121 553:1-3
bazi A56	1-2-5-4-7	<u>S, DN</u> ġiri ₃ PN PN maškim ša ₃ ma ₂ -giri-ga	animals with one ġiri ₃ official and one maškim official for one deity	JCS 23 114 31:1-7
bazi A57	1-2-6-(5)-4	S, DN mu PNr-še ₃ (ġiri ₃ PN) PN maškim	animals with one maškim official for one deity	Ontario 1 115:5-10
bazi A59	1-2-4	S, kak-gu-la ₂ -še ₃ PN maškim	animals for <i>kakgula</i> , with one maškim official	UCP 9-2-2 20:1-4
bazi A83	1-2-8-4	<u>S, DN</u> ezem munu ₄ -gu ₇ ša ₃ GN-še ₃ PN maškim	animals with one maškim official for more deities for the <i>munugu</i> -festival	Princeton 2 122:1-8
bazi A84	1-2-4-7	S, DN lugal ku ₄ -ra ša ₃ GN	animals with royal presence for one deity at GN	PDT 2 1264:1-6

Type	Component	Formula	Commentary	Example
bazi A85	1-2-4	S e-ru-ba-tum e ₂ DN PN maškim	animals for the <i>erubatum</i> - festival at temple with one maškim official	JCS 57 28 5:1-4
bazi A86	1-2-7-9-5-4- 7	S, siskur ₂ ki DN ša ₃ e ₂ DN1 u ₄ PN1 ba-huġ-ġa ₂ ġiri ₃ PN2 PN maškim ša ₃ GN	animals for rite of place of DN, at the temple of DN1, when PN1 was installed, via PN2 with one maškim official, at GN	MVN 15 365:1-7
bazi A87	1-2-9-5-4-7	S, du ₆ DN uzu-bi gar ₃ -du lu ₂ GN ba-ab- gu ₇ ġiri ₃ PN1 PN maškim ša ₃ a-ša ₃ PN1	animals for the mound of DN, its meat fed for GAR ₃ .DU people, via PN1, with one maškim official, at the field of PN1	BIN 3 402:1-6
bazi B1	1-2	S sa ₂ -du ₁₁ PNr	animals as regular offering for one royal member	OIP 121 556:1-3
bazi C7	1-2-4	S, PN PN maškim	animals with one maškim official for one individual	Nisaba 8 252:1-3
bazi C37	1-2-5-4	S, PN ġiri ₃ PN1 PN2 maškim	animals with one ġiri ₃ official and one maškim official for PN	OIP 121 553:4-7
bazi C58	1-2-5-4-(7)	<u>S, PN, ġiri₃ PN</u> PN maškim (ša ₃ GN)	animals with more ġiri ₃ officials and one maškim official on behalf of one individual (at GN)	OIP 121 555:1-8
bazi E33	1-2-4	S1 mu kaš ₄ -ke ₄ -ne-še ₃ S2 mu gar ₃ -du-e-ne-še ₃ šu-gid ₂ e ₂ muhaldim-še ₃ PN maškim	animals for runners, animals for GAR ₃ .DU people, all as the šu-gid, to the “kitchen”, with a maškim official	BPOA 6 631:1-7
bazi E36	1-2-4	S šu-gid ₂ e ₂ muhaldim mu gar ₃ -du-e-ne-še ₃ PN maškim	animals as the šu-gid- contingent to the “kitchen” for GAR ₃ .DU people, with one maškim official	AUCT 3 295:1-5
bazi E46	1-2-4	S, e ₂ muhaldim mu kaš ₄ -ke ₄ -ne-še ₃ <PN maškim>	animals to the “kitchen” for the runners, with one maškim official	BCT 1 83:3-4,10
bazi E54	1-2-4	S, e ₂ muhaldim-še ₃ igi-kar ₂ mu PN-še ₃ PN maškim	animals to the “kitchen” for PN, with one maškim official	Hirose 297:1-4

Type	Component	Formula	Commentary	Example
bazi E55	1-2-5-4-7	S, e ₂ muhaldim, mu PN-še ₃ ĝiri ₃ PN PN maškim ša ₃ GN	animals to the “kitchen” for PN, with one ĝiri ₃ and one maškim official at GN	OIP 121 554:1-6
bazi E56	1-2-5	S1 mu kaš ₄ -ke ₄ -ne-še ₃ S2 mu PN-še ₃ e ₂ muhaldim-še ₃ ĝiri ₃ PN	animals for runners, animals for PN, to the “kitchen”, with one ĝiri ₃ and one maškim official	SET 66:6-14,32
bazi K16	1-2	S u ₄ N-kam KA-izi-še ₃ PN i ₃ -dab ₃	animals for producing meat, PN received	OIP 121 577:1-5

3.1.4.1.8 Brief summary

The total of number of animals, which Zubaga disbursed (ba-zi), is listed as follows (see Table 3.16):

Table 3.16 Statistics of the number of animals disbursed by Zubaga

Destination	Ox	Sheep	Goat	Subtotal
Cultic	5	91	8	104
Royal	0	71	43+	114+
Individual	7	37	7	51
Kitchen	2	62	14	78
Other	0	180	85	265
Total:	14	262	72+	612+

3.1.4.2 The expenditure (šu ba-ti) of dead animals accepted by Šulgi-iriĝu

Between AS 8 v 5 and AS 9 xii diri 6¹⁹⁴⁹, Zubaga expended (šu ba-ti) 129 dead animals (8 oxen, 101 sheep, 19 goats, 1 deer) which were accepted by Šulgi-iriĝu. The monthly distribution of dead animals accepted by Šulgi-iriĝu from Zubaga is listed as follows (see Table 3.17):

¹⁹⁴⁹ ki Zu-ba-ga-ta, ^dŠul-gi-iri-ĝu₁₀ šu ba-ti: CST 378 (AS 8 v 5); OIP 121 551 (AS 8 v 8); ASJ 11 324 11 (AS 8 v 9); OIP 121 552 (AS 8 v 10); BPOA 7 2783 (AS 8 v 15); PDT 2 1007 (AS 8 vi 27); CHEU 78 (AS 8 viii 14); CST 385 (AS 8 viii 29); Hirose 293 (AS 9 i 2); Nisaba 8 335 (AS 9 i 4); OIP 121 558 (AS 9 i 13); Erm 07780 (AS 9 i 15); Lane Museum 6 (AS 9 i 16); Hirose 294 (AS 9 i 19); MVN 20 172 (AS 9 i 22); TCND 372 (AS 9 i 29); OIP 121 559 (AS 9 ii 8); OIP 121 560 (AS 9 ii 9); MVN 13 86 (AS 9 ii 11); OIP 121 561 (AS 9 ii 15); JCS 52 39 34 (AS 9 ii 17); PPAC 4 249 (AS 9 ii 18); SET 36 (AS 9 ii 20); PDT 2 1297 (AS 9 ii 24); OIP 121 562 (AS 9 ii 25); Nisaba 8 337 (AS 9 ii 29); Nisaba 8 350 (AS 9 iii 8); OIP 121 563 (AS 9 iii 9); OIP 121 564 (AS 9 iii 12); Hirose 296 (AS 9 iii 29); ASJ 18 76 8 (AS 9 iii 30); OIP 121 565 (AS 9 iv 10); NYPL 84 (AS 9 iv 14); SACT 1 96 (AS 9 iv 28); OIP 121 567 (AS 9 v 22); OIP 121 569 (AS 9 vi 12); PPAC 4 60 (AS 9 vi 16); OIP 121 570 (AS 9 vi 22); PDT 2 1094 (AS 9 vi 25); PPAC 4 61 (AS 9 vii 2); MVN 13 87 (AS 9 vii 19); BPOA 7 2756 (AS 9 vii 24); OIP 121 571 (AS 9 viii 30); OIP 121 573 (AS 9 ix 30); OIP 121 574 (AS 9 x 5); PDT 2 1133 (AS 9 xi 23); Nisaba 8 340 (AS 9 xii d 3); SmithCS 38 32 (AS 9 xii d 6).

Table 3.17 Monthly distribution of dead animals accepted by Šulgi-iriĝu from Zubaga

	i	ii	iii	iv	v	vi	vii	viii	ix	x	xi	xii	Sum
AS 8					7	1	0	3	0	0	0	0	11
AS 9	34	29	19	7	2	12	7	2	1	1	1	3	118

From the chart, some conclusions can be drawn. First, the dead animals in AS 8 are too few, but in AS 9 these numbers increase dramatically, especially the first three months of AS 9. In other words, the highest monthly number of dead animals lies in AS 9 i, followed by AS 9 ii, iii. Second, there is a big gap among the last four months of AS 8 beginning with the ninth month of this year. Interestingly, in AS 9 i 4, one stag (lulim) was accepted by Šulgi-iriĝu from Zubaga¹⁹⁵⁰. One formula (sbt001) is attested in the transactions of dead animals from Zubaga to Šulgi-iriĝu.

3.1.4.3 The expenditure (i₃-dab₅) of animals transferred to bureaus or individuals

In AS 8 xi, Zubaga transferred (i₃-dab₅) four sheep to Uta-mišaram, the official of the subordinate bureaus of the Puzriš-Dagan organization¹⁹⁵¹. Also, he transferred (i₃-dab₅) three oxen designated as the šu-la-a-contingent to Nanna-ma(n)ba in AS 9 v¹⁹⁵².

The following two types of formulae are attested in the transfers of animals from Zubaga to Uta-mišaram and Nanna-ma(n)ba (see Table 3.18).

Table 3.18 Formulae attested in the transfers of animals from Zubaga

Type	Formula	Example
idab002	S, ki B-ta, PN i ₃ -dab ₅ , M/Y	PPAC 4 47
idab063	S, šu-la ₂ -a, ki B-ta, PN i ₃ -dab ₅ , MY	OIP 121 568

3.1.4.4 Summary

3.1.4.4.1 Between AS 8 v 14 and AS 9 xii diri 14, Zubaga expended (ba-zi) 612+ animals for cultic purposes, members of the royal household, different individuals, the “kitchen” and transferring to bureaus and individuals.

3.1.4.4.2 Between AS 8 v 5 and AS 9 xii diri 6, Zubaga expended (šu ba-ti) 129 dead animals which were accepted by Šulgi-iriĝu.

3.1.4.4.3 Between AS 8 xi and AS 9 v, Zubaga transferred (i₃-dab₅) seven animals to a bureau of the Puzriš-Dagan organization and an individual.

3.1.4.4.4 Appendix: In AS 8, Zubaga received (i₃-dab₅) 527 oxen, 5,245 sheep/goats and four

¹⁹⁵⁰ Nisaba 8 335 (AS 9 i 4).

¹⁹⁵¹ U₂-ta₂-mi-šar-ra-am: PPAC 4 47 (AS 8 xi). For Uta-mišaram, see Chapter 4.1.

¹⁹⁵² ^dNanna-ma-ba: OIP 121 568 (AS 9 v).

gazelles, which were the stocktaking (šu sum-ma)¹⁹⁵³. Note that these animals were various types.

¹⁹⁵³ Zu-ba-ga i₃-dab₅: PDT 2 1052 (AS 8 xii).

3.2 Sub-organization (Twin B)

3.2.1 The Bureau of Lu-diġira the son of Inim-Šara

The administrative documents issued by the bureau of Lu-diġira, the son of Inim-Šara (Lu-diġira-IS, *sic passim*), the official of the naGaBtum branch, date between Š 46 i 19¹⁹⁵⁴ and AS 3 xi 24¹⁹⁵⁵, which spans almost three years during the reign of Amar-Suen. The successor of Lu-diġira-IS as the official of the naGaBtum branch is considered to be Ahu-Wer¹⁹⁵⁶. In addition, the administrative activities of Lu-diġira-IS are divided into the following categories:

1. The expenditure (ba-zi) of animals for cultic purposes, members of the royal household, different individuals, the “kitchen”, feeding dogs, transferring to individuals, and for the bala-duty.
2. The expenditure (šu ba-ti) of deal animals accepted by Ur-niġar or Šulgi-iriġu.
3. Dealing with new-born (u₃-tu-da) animals.
4. The expenditure (i₃-dab₅) of animals transferred to bureaus.
5. The withdrawal (zi-ga) of animals.

3.2.1.1 The expenditure (ba-zi) of animals

Between AS 1 i 16 and AS 3 v 18, Lu-diġira-IS expended (ba-zi) animals for cultic purposes (see 3.2.1.1.1), for members of the royal household (see 3.2.1.1.2), for different individuals (see 3.2.1.1.3), for the “kitchen” (see 3.2.1.1.4), for feeding dogs (see 3.2.1.1.5), and for other purposes (see 3.2.1.1.6).

3.2.1.1.1 For cultic purposes

Lu-diġira-IS expended (ba-zi) animals for the following deities: Enki¹⁹⁵⁷, Enlil-Ninlil¹⁹⁵⁸, Inana¹⁹⁵⁹, Lugal-NI-ra¹⁹⁶⁰, Meslamtaea¹⁹⁶¹, Nana’a¹⁹⁶² and Suen¹⁹⁶³.

3.2.1.1.2 For the member of the royal household

Lu-diġira-IS expended (ba-zi) animals for Abisimti¹⁹⁶⁴.

3.2.1.1.3 For different individuals

¹⁹⁵⁴ TCND 279 (Š 46 i 19): ki Lu₂-diġir-ra-ta, Ur-ni₉-ġar šu ba-ti “from Lu-diġira-(IS), Ur-niġar received”.

¹⁹⁵⁵ BPOA 7 2972 (AS 3 xi 24). This official of the naGaBtum branch, Lu-diġira-IS, was different from a homonymous person, Lu-diġira the son of Arad-hula (Lu₂-diġir-ra dumu Arad₂-hul₃-la, also Lu-diġira-Ah, *sic passim*), who exclusively dealt with the wild or rare animals, such as bears (az), bezoars (dara₄), cervids (lulim, šeg₉-bar), and gazelles (maš-da₃). For Lu-diġira-Ah, see Chapter 7.

¹⁹⁵⁶ For Ahu-Wer, see Chapter 3.2.2.

¹⁹⁵⁷ ^dEn-ki: JCS 46 17 1:8 (AS 1 xii 4).

¹⁹⁵⁸ ^dEn-lil₂ ^dNin-lil₂: OIP 121 6:5 (AS 2 viii 3).

¹⁹⁵⁹ ^dInana: JCS 46 17 1:5 (AS 1 xii 4).

¹⁹⁶⁰ ^dLugal-NI-ra: STA 31:3 (AS 3 ii 15). For this deity, see Such-Gutiérrez 2003: 342.

¹⁹⁶¹ ^dMes-lam-ta-e₃-<a>: STA 31:2 (AS 3 ii 15). For this deity, see Such-Gutiérrez 2003: 343-344.

¹⁹⁶² ^dNa-na-a: Santag 7 123:2 (AS 3 ii 12).

¹⁹⁶³ ki ^dEN.ZU: JCS 46 17 1:3 (AS 1 xii 4).

¹⁹⁶⁴ A-bi₂-si₂-im-ti: OIP 121 11:2. (AS 3 ii)

Lu-diġira-IS expended (ba-zi) animals for the following 21 foreigners:

Duduli:	Kiwi ¹⁹⁶⁵ , envoy of Hun-tiba ¹⁹⁶⁶
Ebla:	Ili-Dagan ¹⁹⁶⁷
Harši:	Marhuni ¹⁹⁶⁸
Kakmi:	Dukra ¹⁹⁶⁹
Marhaši:	envoy of Arwilugbi ¹⁹⁷⁰ , envoy of son of Arwilugbi ¹⁹⁷¹
Mari:	Išme-Dagan ¹⁹⁷² , Puzur-Mama ¹⁹⁷³
Šigirišum:	Šilligi ¹⁹⁷⁴
Šikšabi:	BI.DU.NUMUN ¹⁹⁷⁵
Šimaški:	Bibra ¹⁹⁷⁶
Šudae:	Gunna and Uduru ¹⁹⁷⁷
Uršu:	Budur ¹⁹⁷⁸ , Nanau ¹⁹⁷⁹
Zidanum:	A'abmiradin ¹⁹⁸⁰ , Raši ¹⁹⁸¹
ZI.NAM?:	Ki-GAM-DIĠIR ¹⁹⁸²
<i>Amorite:</i>	Naplanum ¹⁹⁸³
<i>Unknown:</i>	A-an-[...] ¹⁹⁸⁴ , Na-[...], envoy of someone ¹⁹⁸⁵

During the entire first reign year of Amar-Suen, almost all of records on the disbursements of animals by Lu-diġira-IS for foreigners used the same entry e₂-duru₅-ne-ne-še₃ “to villages”. However, from the second reign year of Amar-Suen, this entry disappeared.

Apart from foreigners, Lu-diġira-IS also expended (ba-zi) animals for the following 10

¹⁹⁶⁵ Ki-wi lu₂ Du₈-du₈-li₂-um^{ki}: Ontario 2 205:6 (AS 1 xii 12).

¹⁹⁶⁶ lu₂-kin-gi₄-a Hu-un-ti-ba lu₂ Du₈-du₈-li₂^{ki}: PDT 1 594:25 (AS 1 iii 4). For the collation of this name as Hu-un-ti-ba, see Picchioni 1975: 166 and Gomi 1988: 120.

¹⁹⁶⁷ I₃-li₂-^dDa-gan lu₂ Eb-la^{ki}: PDT 1 594:16 (AS 1 iii 4); BPOA 7 2916:4 (AS 2 iv 14); CST 254:8 (AS 2 vi 3); TRU 305:9 (AS 2 vi 4); BiMes 25 141 3:12 (AS 2 vi 8).

¹⁹⁶⁸ Mar-hu-ni lu₂ Ha-ar-ši^{ki}: Santag 7 123:5 (AS 3 ii 12).

¹⁹⁶⁹ Du-uk-ra lu₂ Kak!-mi^{ki}: MVN 13 529:20-21 (AS 1 ix 21).

¹⁹⁷⁰ lu₂-kin-gi₄-a Ar-we-lu-uk-bi lu₂ Mar-ha-ši^{ki}: JCS 57 28 7:6 (AS 1 v 28); MVN 15 194:2 (AS 1 v 29).

¹⁹⁷¹ lu₂-kin-gi₄-a dumu Ar-we-lu-uk-bi lu₂ Mar-ha-ši^{ki}: JCS 57 28 7:8 (AS 1 v 28); MVN 15 194:4 (AS 1 v 29).

¹⁹⁷² Iš-me-^dDa-gan lu₂ Ma-ri₂^{ki}: PDT 1 594:12 (AS 1 iii 4).

¹⁹⁷³ PU₃.ŠA-Ma-ma lu₂ Ma-ri₂^{ki}: BPOA 7 2916:2 (AS 2 iv 14); CST 254:6 (AS 2 vi 3); TRU 305:7 (AS 2 vi 4); BiMes 25 141 3:14 (AS 2 vi 8).

¹⁹⁷⁴ Ši-il-li₂-gi lu₂-kin-gi₄-a lu₂ Ši-ig-ri₂-išk^{ki}: PDT 1 473:3 (AS 1 i 16).

¹⁹⁷⁵ BI.DU₃? .NUMUN? lu₂ Ši-ik-ša-bi^{ki}: MVN 13 529:14 (AS 1 ix 21). For this GN Šikšabi, see Astour 1987: 34.

¹⁹⁷⁶ Bi₂-ib-ra LU₂.SU: MVN 13 529:23 (AS 1 ix 21).

¹⁹⁷⁷ Gun₄!-na u₃ U₂-du-ru lu₂ Šu-da-e^{ki}: MVN 13 529:17-18 (AS 1 ix 21). Another possible reference to the GN Šudae is Kyoto 15.

¹⁹⁷⁸ Bu-du-ur₂ lu₂ Ur-šu^{ki}: PDT 1 594:14 (AS 1 iii 4).

¹⁹⁷⁹ Na-na-u₃ lu₂ Ur-šu^{ki}: BPOA 7 2916:6 (AS 2 iv 14).

¹⁹⁸⁰ A-ab-mi-ra-din lu₂-kin-gi₄-a lu₂ Zi-da-ni-um^{ki}: PDT 1 473:5 (AS 1 i 16).

¹⁹⁸¹ Ra-ši lu₂ Zi-da-num₂^{ki}: JCS 46 17 1:15 (AS 1 xii 4); CST 254:4 (AS 2 vi 3); TRU 305:5 (AS 2 vi 4); BiMes 25 141 3:10 (AS 2 vi 8). Ra-ši lu₂ Zi-da-nu-um^{ki}: OIP 121 9:10 (AS 2 xii 10); Santag 7 123:7 (AS 3 ii 12); STA 31:9 (AS 3 ii 15); MVN 11 160:4 (AS 3 ii 16). Ra-ši lu₂ Zi-da-ni-num₂^{ki}: Ontario 2 205:8 (AS 1 xii 12).

¹⁹⁸² Ki-GAM-DIĠIR lu₂ ZI.NAM?^{ki}: JCS 46 17 1:13 (AS 1 xii 4).

¹⁹⁸³ Na-ap-la-num₂/nu-um mar-tu: STA 31:7 (AS 3 ii 15); MVN 11 160:2 (AS 3 ii 16).

¹⁹⁸⁴ A-an-x-[...]: PDT 1 594:18 (AS 1 iii 4).

¹⁹⁸⁵ Na-[...] lu₂-kin-gi₄-a lu₂-[...]: PDT 1 594:20 (AS 1 iii 4).

individuals: Engardu¹⁹⁸⁶, En-ili¹⁹⁸⁷, Gudea the merchant¹⁹⁸⁸, Nur-ili¹⁹⁸⁹, Šulgi-ili¹⁹⁹⁰, Šu-salla¹⁹⁹¹, Šuruš-kin¹⁹⁹², Watarum the equestrian¹⁹⁹³, the mother of Kiššer¹⁹⁹⁴ and an unnamed person¹⁹⁹⁵.

3.2.1.1.4 For the “kitchen”

3.2.1.1.4.1 Between AS 1 viii 4 and AS 2 xii 10, Lu-diġira-IS expended (ba-zi) animals to the “kitchen” for runners¹⁹⁹⁶.

3.2.1.1.4.2 Between AS 2 iii 14 and AS 3 v 18, Lu-diġira-IS expended (ba-zi) animals to the “kitchen” for soldiers¹⁹⁹⁷.

3.2.1.1.4.3 Between Day 3 and Day 8 of AS 2 vi, Lu-diġira-IS expended (ba-zi) animals to the “kitchen” for Amorite sorcerers from Dilmun¹⁹⁹⁸.

3.2.1.1.4.4 In AS 2 xii 10, Lu-diġira-IS expended (ba-zi) animals to the “kitchen” for the queen Abisimti¹⁹⁹⁹.

3.2.1.1.4.5 In AS 2 xii 10, Lu-diġira-IS expended (ba-zi) animals to the “kitchen” for Gemeanna, the daughter-in-law of Aradġu the “Grand Vizier”²⁰⁰⁰.

3.2.1.1.5 For feeding dogs

Lu-diġira-IS expended (ba-zi) animals for feeding dogs²⁰⁰¹.

3.2.1.1.6 For other purposes

3.2.1.1.6.1 Lu-diġira-IS expended (ba-zi) animals for producing meat. These animals were received (i₃-dab₅) by A’a-kala²⁰⁰².

3.2.1.1.6.2 Lu-diġira-IS expended (ba-zi) animals for the bala-fund of Ur-Lamma, the governor of Girsu²⁰⁰³.

3.2.1.1.7 The ġiri₃- and/or maškim official

¹⁹⁸⁶ Engar-du₁₀: Ontario 2 205:3-4 (AS 1 xii 12, u₄ e₂-ur₂-ra-na-še₃ niġ₂-mi₂-us₂-sa in-na-ak-a “the day he brought the dowry into his house”).

¹⁹⁸⁷ En-i₃-li₂: MVN 13 529:2 (AS 1 ix 21)

¹⁹⁸⁸ Gu₃-de₂-a dam-gar₃: TRU 306:2 (AS 2 viii 14).

¹⁹⁸⁹ Nu-ur₂-i₃-li₂: MVN 13 529:10 (AS 1 ix 21)

¹⁹⁹⁰ ^dŠul-<gi>-i₃-li₂: MVN 13 529:8 (AS 1 ix 21)

¹⁹⁹¹ Šu-sal-la: MVN 13 529:4 (AS 1 ix 21)

¹⁹⁹² Šu-ru-uš-ki-in: MVN 13 529:6 (AS 1 ix 21)

¹⁹⁹³ Wa-ta₂-ru-um ra₂-gaba: MVN 15 338:2 (AS 1 iii 23).

¹⁹⁹⁴ ama Kiš-er: PDT 1 594:22 (AS 1 iii 4); MVN 15 194 (AS 1 v 29); Ontario 2 205:10 (AS 1 xii 12). ama Kiš-še₂₀-er: MVN 13 529:25 (AS 1 ix 21).

¹⁹⁹⁵ UL-gu₄-x-x: MVN 13 529:12 (AS 1 ix 21).

¹⁹⁹⁶ e₂ muhaldim, mu kaš₄-ke₄-ne-še₃: PDT 1 594:10 (AS 1 iii 4); Tavolette 338:5 (AS 1 v 16); JCS 57 28 7:4 (AS 1 v 28); MVN 13 529:32 (AS 1 ix 21); OIP 121 9:2 (AS 2 xii 10).

¹⁹⁹⁷ e₂ muhaldim, mu aga₃-us₂-e-ne-še₃: MVN 15 328:3 (AS 2 iii 14); BiMes 25 141 3:7 (AS 2 vi 8); BPOA 7 2738:6 (AS 2 vii 15); AUCT 2 39:5 (AS 3 iii 23); BPOA 7 2863:12 (AS 3 v 18).

¹⁹⁹⁸ e₂ muhaldim, mu mar-tu maš-maš Dilmun-ta e-ra-ne-še₃: CST 254:2 (AS 2 vi 3); TRU 305:3 (AS 2 vi 4); BiMes 25 141 3:3 (AS 2 vi 8).

¹⁹⁹⁹ e₂ muhaldim, mu A-bi₂-si₂-im-ti-še₃: OIP 121 9:5 (AS 2 xii 10)

²⁰⁰⁰ e₂ muhaldim, mu Geme₂-e₂-an-na e₂-gi₄-a Arad₂-ġu₁₀ sukkal-mah-še₃: OIP 121 9:7 (AS 2 xii 10).

²⁰⁰¹ mu ur-gir₁₅-ra-še₃: MVN 13 531:10 (AS 1 xii 23,27).

²⁰⁰² A-a-kal-la i₃-dab₅: AUCT 1 377:2,4,6-7 (AS 1 i, sa₂-du₁₁ lugal, uzu NIM-še₃, sa₂-du₁₁ u₄-kam “regular offering for king, flesh, regular offering of Nth day”).

²⁰⁰³ bala Ur-^dLamma ensi₂ Ġir₂-su^{ki}: AUCT 1 208:6 (AS 2 iv).

The ġiri₃- and/or maškim officials, who were responsible for the disbursements of animals by Lu-diġira-IS, are listed as follows (see Table 3.19):

Table 3.19 Distribution of ġiri₃ or/and maškim officials responsible for the disbursals of animals by Lu-diġira-IS

ġiri ₃ /maškim	Cultic	Royal	Individuals	Kitchen	Dogs	Others
A-hu-ni			x			
Arad ₂ -ġu ₁₀			x	x	x	
Er ₃ -ra-na-da	x					
Lugal-i ₃ -mah i ₃ -du ₈	y					
Lugal-KA-gi-na sukkal			y	y		
Lugal-ma ₂ -gur ₈ -re (sukkal)			x	x		
^d Nanše-ul ₄ -gal	x					
Nu-hi-DIĠIR sukkal		x				
Šu- ^d Iškur sipa gu ₂ -gur ₅			y			
Wu-u ₂ sukkal			y			

3.2.1.1.8 Formulary

The following 16 types of formulae are attested in the disbursements of animals by Lu-diġira-IS for cultic purposes (bazi A42, A45, A88), for members of the royal household (bazi B24), for different individuals (bazi C7, C41, C59-60), for the “kitchen” (bazi E6, E46, E56-58), for feeding dogs (bazi H11), and for other purposes (bazi K5, K17) (see Table 3.20).

Table 3.20 Formulae attested in the disbursals of animals by Lu-diġira-IS

Type	Component	Formula	Commentary	Example
bazi A42	1-2-4	S, DN PN maškim	animals with one maškim official for one deity	Santag 7 123:1-3
bazi A45	1-2-4-7	S, DN PN maškim ša ₃ GN	animals with one maškim official for one deity at GN	OIP 121 6:1-7
bazi A88	1-2-5-4	S1, ki ^d EN.ZU S2, DN ġiri ₃ PN1 S3, siskur ₂ DN a-ša ₃ e ₂ -gal PN maškim	animals for Suen and DN via PN1, for the rite at palace with one maškim official	JCS 46 17 1:1-9
bazi B24	1-2-4	S sa ₂ -du ₁₁ PNr PN maškim <i>iti 1-kam</i>	animals as the regular offering with one maškim official for one royal member	OIP 121 11:1-4
bazi C7	1-2-4	S, PN	animals with one maškim	MVN 15 338:1-3

Type	Component	Formula	Commentary	Example
		PN maškim	official for one individual	
bazi C41	1-2-5-4-7	S, PN ġiri ₃ PN PN maškim ša ₃ GN	animals with one ġiri ₃ and one maškim official for one individual at GN	TRU 306:1-5
bazi C59	1-2-7-5-4	S, PN e ₂ -duru ₅ -ne-ne-še ₃ ġiri ₃ PN PN maškim	animals for PN to villages, with one ġiri ₃ official and one maškim official	PDT 1 473:1-8
bazi C60	1-2-5-7-4	S1, PN1, ġiri ₃ PN S2, PN2, ġiri ₃ PN e ₂ -duru ₅ -ne-ne-še ₃ PN maškim	animals for PN to villages, with more ġiri ₃ officials and one maškim official	PDT 1 594:1-28
bazi E6	1-2-4	S šu-gid ₂ e ₂ muhaldim-še ₃ mu aga ₃ -us ₂ -e-ne-še ₃ PN maškim	animals as the šu-gid-contingent with one maškim official to the “kitchen” for the soldiers	MVN 15 328:1-4
bazi E46	1-2-(5)-4	S, e ₂ muhaldim mu kaš ₄ -ke ₄ -ne-še ₃ (ġiri ₃ PN) PN maškim	animals to the “kitchen” for the runners, with one ġiri ₃ and one maškim official	MVN 13 529:27-34
bazi E56	1-2-5-4	S1 mu kaš ₄ -ke ₄ -ne-še ₃ S2 mu PN-še ₃ e ₂ muhaldim-še ₃ <ġiri ₃ PN> <PN maškim>	animals for runners, animals for PN, to the “kitchen”, with one ġiri ₃ and one maškim official	OIP 121 9:1-8
bazi E57	1-2-4	S, e ₂ muhaldim-še ₃ mu mar-tu maš-maš Dilmun-ta e-ra-ne <PN maškim>	animals to the “kitchen” for the Amorite of Dilmun, with one maškim official	CST 254:1-2,10
bazi E58	1-2-4	S1 mu mar-tu maš-maš Dilmun-ta e-ra-ne S2 šu-gid ₂ mu aga ₃ -us ₂ -e-ne-še ₃ e ₂ muhaldim-še ₃ <PN maškim>	animals to the “kitchen” for the Amorite of Dilmun and soldiers, with one maškim official	BiMes 25 141 3:1-8,15
bazi H11	1-2-4	S, mu ur-gir ₁₅ -ra-še ₃ PN maškim	animals for dogs, with one maškim official	MVN 13 531:1-11
bazi K5	1-2	S bala PN	animals (for) the bala-tax of PN (=ensi ₂)	AUCT 1 208:1-6

Type	Component	Formula	Commentary	Example
bazi K17	1-2	S1 sa ₂ -du ₁₁ lugal	PN received/took animals as	AUCT 1 377:1-7
		S2 uzu NIM-še ₃	royal regular offering, as	
		S3 sa ₂ -du ₁₁ u ₄ -kam	flesh	
		PN i ₃ -dab ₅		

3.2.1.1.9 Brief summary

The total of number of animals, which Lu-diġira-IS disbursed (ba-zi), is listed as follows (see Table 3.21):

Table 3.21 Statistics of the number of animals disbursed by Lu-diġira-IS

Destination	Ox	Sheep	Goat	Subtotal
Cultic	4	12	1	17
Royal	0	30	0	30
Individual	11	69	32	112
Kitchen	6	75	25	106
Dog	0	4	0	4
Others	83	27	0	110
Total:	104	217	58	379

3.2.1.2 The expenditure (šu ba-ti) of dead animals accepted by Ur-niġar/Šulgi-iriġu

Lu-diġira-IS expended (šu ba-ti) 741 dead animals which were accepted by Ur-niġar until AS 3 iv 6²⁰⁰⁴. From AS 3 iv 16 to AS 3 xi 24, Šulgi-iriġu, who replaced Ur-niġar, received 121+ dead animals from Lu-diġira-IS²⁰⁰⁵. The monthly distribution of dead animals accepted by Ur-

²⁰⁰⁴ ki Lu₂-diġir-ra-ta, Ur-ni₉-ġar šu ba-ti: OIP 121 1 (AS 1 i 6); NYPL 16 (AS 1 iii 4); OIP 121 2 (AS 1 iii 21); Nisaba 8 128 (AS 1 iii 23); AAS 213 (AS 1 iii 24); TCND 302 (AS 1 iv 16); TLB 3 130 (AS 1 iv 30); BPOA 7 2533 (AS 1 iv x); AUCT 2 86 (AS 1 v 3); CST 230 (AS 1 v 26); Nisaba 8 319 (AS 1 v 28); BPOA 7 2951 (AS 1 vi 16); TCND 305 (AS 1 vii 5); PDT 1 642 (AS 1 ix 19); CDLJ2008/2 10 (AS 1 x 3); TCL 2 5634 (AS 1 x 4); TCND 309 (AS 1 xi 4); CST 242 (AS 1 xi 13); TCND 310 (AS 1 xii 8); BPOA 7 2998 (AS 1 xii 9); BMHBA 90-91 12 8 (AS 1 xii 11); PDT 2 1123 (AS 1 xii 18); MVN 13 62 (AS 1 xii 21); MVN 13 69 (AS 2 - 19); CST 249 (AS 2 i 18); CST 472 (AS 2 i 27); Erm 14887 (AS 2 i 30); CST 250 (AS 2 ii 6); OIP 121 3 (AS 2 iii 2); BPOA 7 2676 (AS 2 iii 22); BPOA 7 2677 (AS 2 iii 30); BPOA 7 2981 (AS 2 v 18); Nisaba 8 97 (AS 2 v 20); Hirose 116 (AS 2 v 23); Hirose 117 (AS 2 v 24); OIP 121 4 (AS 2 v 26); Erm 07840 (AS 2 v 28); Nisaba 8 163 (AS 2 vi 4); Nisaba 8 263 (AS 2 vi 15); PDT 2 1159 (AS 2 vi 22); OIP 121 5 (AS 2 vii 14); Nisaba 8 212 (AS 2 vii 15); MVN 4 117 (AS 2 viii -); PDT 1 117 (AS 2 viii 16); BIN 3 58 (AS 2 viii 26); Nisaba 8 165 (AS 2 x 9); OIP 121 7 (AS 2 x 26); Hirose 126 (AS 2 x 29); Erm 14816 (AS 2 xi 6); TLB 3 132 (AS 2 xi 7); TCND 324 (AS 2 xi 11); OIP 121 8 (AS 2 xi 16); ASJ 7 177 TRU 220 (AS 2 xii 4); CST 265 (AS 3 i 13); CST 266 (AS 3 i 18); BPOA 7 2804 (AS 3 i 20); OIP 121 10 (AS 3 i 26); Nisaba 8 171 (AS 3 i x); Aleppo 7 (AS 3 ii 5); MVN 20 189 (AS 3 ii x); CST 268 (AS 3 ii 2); OIP 121 12 (AS 3 iii 9); BPOA 7 2849 (AS 3 iii 13); MVN 1 125 (AS 3 iv 1); TLB 3 133 (AS 3 iv 3); BPOA 7 2971 (AS 3 iv 6).

²⁰⁰⁵ ki Lu₂-diġir-ra-ta, ^dŠul-gi-iri-ġu₁₀ šu ba-ti: BPOA 7 2772 (AS 3 iv 16); Nisaba 8 315 (AS 3 iv/v 10); OIP 121 13 (AS 3 v 13); SACT 1 87 (AS 3 v 25); OIP 121 14 (AS 3 vi 2); MVN 1 126 (AS 3 vi 5); CST 274 (AS 3 vi 6); CST 275 (AS 3 vi 8); MVN 15 316 (AS 3 vi 28); OIP 121 15 (AS 3 vii 1); CST 276 (AS 3 vii 2); OIP 121 16 (AS 3 viii 11); OIP 121 17 (AS 3 viii 18); BPOA 7 2767 (AS 3 viii 22); BPOA 7 2785 (AS 3 viii 26); TCND 331 (AS 3 viii 26); OIP 121 18 (AS 3 ix 2); CST 279 (AS 3 ix 8); ASJ 7 177 TRU 224 (AS 3 ix 25); MVN 13 74 (AS 3 x 7); Hirose 144 (AS 3 x 8); JCS 52 37 21 (AS 3 x 16); YOS 18 34 (AS 3 x 18); Nisaba 8 151 (AS 3 x 22); Nisaba 8 222

niġar/Šulgi-iriġu from Lu-diġira-IS is listed as follows (see Table 3.22):

Table 3.22 Monthly distribution of dead animals accepted by Ur-niġar/Šulgi-iriġu from Lu-diġira-IS

	i	ii	iii	iv	v	vi	vii	viii	ix	x	xi	xii	Sum
AS 1	7	0	47	22	16	16	9	0	17	15	13	70	232
AS 2	23	11	27	0	29	16	15	213	0	17	35	9	395
AS 3	35	17	33	39	8	17	4	24	15	33+	10		235+

The chart illustrates that the highest monthly number of dead animals lies in AS 2 viii, followed by AS 1 xii, AS 1 iii. And there are gaps in AS 1 ii, viii, and AS 2 iv, ix. Note that one text, dating AS 2 viii, mentions that Ur-niġar received seven oxen and 192 sheep/goats, all dead, from Lu-diġira-IS, which was sealed by Nanna-andul²⁰⁰⁶.

In addition, the following three types of formulae (sbt001, sbt005, sbt006) are attested in the transactions of dead animals from Lu-diġira-IS to Ur-niġar/Šulgi-iriġu.

sbt001:	sbt005:	sbt006:
S ba-uš ₂ /ug ₇	S ba-uš ₂ /ug ₇	S ba-uš ₂ /ug ₇
u ₄ N-kam	ki B-ta	u ₄ N-kam
ki B-ta	PN-ke ₄ šu ba-ti	ša ₃ GN
PN šu ba-ti	kišib PN	ki B-ta
M/Y	M/Y	PN šu ba-ti
		M/Y

3.2.1.3 Dealing with new-born animals (u₃-tu-da)

Between AS 1 i 4 and AS 3 xi 6, Lu-diġira-IS received (i₃-dab₅) 575+ new-born animals (13 oxen, 477+ sheep, 85 goats, 1 equid) at the naGaBtum branch²⁰⁰⁷, recorded with the same text formula (utuda005). In addition, one text JCS 35 190 2, dated AS 1 x 3, mentions that 12 animals (5 sheep hybrids, 7 goat hybrids), were new born at the naGaBtum branch for Lu-diġira-IS, with the

(AS 3 x 23); Ontario 1 124 (AS 3 x 24); BPOA 7 2972 (AS 3 xi 24).

²⁰⁰⁶ MVN 4 117 (AS 2 viii): ki Lu₂-diġir-ra dumu Inim-^dŠara₂-ta, Ur-ni₉-ġar-ke₄ šu ba-ti, kišib ^dNanna-AN.DUL₃ “from Lu-diġira son of Inim-Šara, Ur-niġar received, sealed by Nanna-andul”. Note that the name of Ur-niġar followed a sign KE₄, which was attested in a number of texts from Puzriš-Dagan. Grammatically, of Ur-ni₉-ġar-ke₄ /Ur-ni₉-ġar-ak-e/, the term ni₉-ġar (or niġar^{gar}) means “cella, shrine”, the name Ur-ni₉-ġar literally means “dog/servant of the shrine”, and -ak is the genitive (individual case particle), the last -e is the ergative (individual case particle) (for genitive and ergative, see Edzard 2003: 35-39).

²⁰⁰⁷ Nisaba 8 334 (AS 1 i 4); BPOA 7 2843 (AS 1 viii 1); TLB 3 99 (AS 1 viii 7); OIP 121 58 (AS 1 viii 20); TCND 81 (AS 1 ix 17); JEOL 26 51 8 (AS 1 ix 21); MVN 13 93 (AS 1 x 15); MVN 2 101 (AS 1 x 20+); TCND 84 (AS 1 xi 8); CST 240 (AS 1 xi 13); TCND 85 (AS 1 xi 14); TCND 90 (AS 1 xi 18); Hirose 102 (AS 1 xi 20); CST 241 (AS 1 xi 21); BPOA 7 3018 (AS 1 xi 22); BPOA 7 2980 (AS 1 xii 3); TRU 91 (AS 1 xii 27); Tavolette 265 (AS 2 i 4); AUCT 1 734 (AS 2 ii 2); Nisaba 8 250 (AS 2 iii 22); BPOA 6 600 (AS 2 iii 29); Hirose 114 (AS 2 iv 9); Nik 2 503 (AS 2 iv 14); JCS 52 36 16 (AS 2 vi 6); CST 255 (AS 2 vi 27); ASJ 7 122 3 (AS 2 x 21); ASJ 15 76 8 (AS 3 ii 16); TCL 2 5641 (AS 3 iii 23); Nisaba 8 283 (AS 3 iv 4+); Hirose 139 (AS 3 iv 5); CDLJ 2012/1 4.18 (AS 3 iv 7); CST 272 (AS 3 v 14); Erm 14809 (AS 3 vi 17); CST 278 (AS 3 vii 11); OIP 121 66 (AS 3 viii 6); OIP 121 67 (AS 3 viii 23); TCND 401 (AS 3 ix 29); CST 283 (AS 3 x 4); CHEU 91 (AS 3 x 24); TRU 93 (AS 3 x 29); Erm 14769 (AS 3 x 30); OIP 121 68 (AS 3 xi 1); CST 284 (AS 3 xi 6); MVN 2 111 (AS X viii 29); Amorite 24 (pl.13) (AS XX XX XX).

formula utuda004. The both formulae are given below:

utuda004	utuda005
S	S
u ₃ -tu-da	u ₃ -tu-da
ša ₃ na-KAB-tum-ma	u ₄ N-kam
ki B	ša ₃ na-KAB-tum-ma
u ₄ N-kam	B i ₃ -dab ₅
MY	MY

3.2.1.4 The expenditure (i₃-dab₅) of animals transferred to bureaus

Between AS 1 xii and AS 2 xii, Lu-diġira-IS transferred (i₃-dab₅) 20 animals (10 oxen, 10 sheep) to two officials of the subordinate bureaus of the Puzriš-Dagan organization: Ur-šugalama²⁰⁰⁸ and Šulgi-a’āġu²⁰⁰⁹. In these records, the name of Lu-diġira-IS is attested with the full form Lu₂-diġir-ra dumu Inim-^dŠara₂, not the short form Lu₂-diġir-ra.

Futhermore, the following two formulae are attested in the transfers of animals from Lu-diġira-IS to bureaus (see Table 3.23):

Table 3.23 Formulae attested in the transfers of animals from Lu-diġira-IS

Type	Formula	Example
idab002	S, ki B-ta, PN i ₃ -dab ₅ , MY	NYPL 273
idab046	S, ša ₃ GN, u ₄ N-kam, ki B-ta, PN i ₃ -dab ₅ , MY	AAICAB 1/4 Bod S 419

3.2.1.5 The withdrawals (zi-ga) of animals

Three labels with the term E₂^{tum} “house” mention that 133 oxen and 1,523 sheep/goats were the withdrawals by Lu-diġira-IS between AS 1 xi and AS 2 iii, with the seal impression of Naram-ili²⁰¹⁰. The name of Lu-diġira-IS is attested in these labels with the full form Lu₂-diġir-ra dumu Inim-^dŠara₂, not the short form Lu₂-diġir-ra.

3.2.1.6 Summary

3.2.1.6.1 Between AS 1 i 16 and AS 3 v 18, Lu-diġira-IS expended (ba-zi) 379 animals for cultic purposes, members of the royal household, different individuals, the “kitchen”, feeding dogs,

²⁰⁰⁸ AAICAB 1/4 Bod S 419 (AS 1 xii 29). For Ur-šugalama, see Chapter 14.

²⁰⁰⁹ NYPL 273 (AS 2 xii). For Šulgi-a’āġu, see Chapter 3.1.2.

²⁰¹⁰ Na-ra-am-i₃-li₂ sukkal i₃-du₈: RA 8 188 6 (AS 1 xi); Fs Lenoble 171 no.51 (AS 1 xii); NABU 1992/115 (AS 2 iii).

transferring to individuals and the bala-duty.

3.2.1.6.2 Between AS 1 i 6 and AS 3 xi 24, Lu-diĝira-IS expended (šu ba-ti) 862 dead animals which were accepted by Ur-niĝar and Šulgi-iriĝu.

3.2.1.6.3 Between AS 1 i 4 and AS 3 xi 6, Lu-diĝira-IS received (i_3 -dab₅) 587+ new-born (u_3 -tu-da) animals.

3.2.1.6.4 Between AS 1 xii 29 and AS 2 xii, Lu-diĝira-IS transferred (i_3 -dab₅) 20 animals to two officials of the Puzriš-Dagan organization.

3.2.1.6.5 Between AS 1 xi and AS 2 iii, 1,656 animals were the withdrawals (zi-ga) of Lu-diĝira-IS.

3.2.2 The Bureau of Ahu-Wer

The administrative documents issued by the bureau of Ahu-Wer, the official of the naGaBtum branch, date between AS 3 xi²⁰¹¹ and AS 8 iv 13²⁰¹². The successor of Ahu-Wer as the official of the naGaBtum branch is suggestibly Igi-Enlilše²⁰¹³. In addition, the administrative activities issued by Ahu-Wer are divided into the following categories:

1. The expenditure (ba-zi) of animals for cultic purposes, members of the royal household, different individuals, the “kitchen”, feeding dogs, and transferring to individuals.
2. The expenditure (šu ba-ti) of dead animals accepted by Šulgi-iriĝu.
3. The expenditure (i₃-dab₅) of animals transferred to bureaus and individuals.
4. Dealing with new-born (u₃-tu-da) animals

3.2.2.1 The expenditure (ba-zi) of animals

Between AS 3 xii 9 and AS 8 iv, Ahu-Wer expended (ba-zi) animals for cultic purposes (see 3.2.2.1.1), for members of the royal household (see 3.2.2.1.2), for different individuals (see 3.2.2.1.3), for the “kitchen” (see 3.2.2.1.4), for feeding dogs (see 3.2.2.1.5) and for transferring to individuals (see 3.2.2.1.6).

3.2.2.1.1 For cultic purposes

3.2.2.1.1.1 For deities

Ahu-Wer expended (ba-zi) animals for the following deities: An²⁰¹⁴, Enlil²⁰¹⁵, Enme-Šara²⁰¹⁶, Gula²⁰¹⁷, Inana²⁰¹⁸, Malkum²⁰¹⁹, Nanna-anna²⁰²⁰, Ningal²⁰²¹, Ninhursag²⁰²², Ninlil²⁰²³, Nintinugga²⁰²⁴, and Utu²⁰²⁵.

3.2.2.1.1.2 For the late deified kings

Ahu-Wer expended (ba-zi) animals for Šulgi²⁰²⁶.

3.2.2.1.1.3 For additional cultic purposes

Ahu-Wer expended (ba-zi) animals for the place of the throne of the *en*-priest of Inana at

²⁰¹¹ BIN 03 525 (AS 3 xi).

²⁰¹² Hirose 282 (AS 8 iv 13). With one exception AuOr Suppl. 11 154 (AS 9 xii d).

²⁰¹³ See Tsouparopoulou 2008: 169. For Igi-Enlilše, see Chapter 3.2.3.

²⁰¹⁴ An: CDLJ 2012/1 4.34:2 (AS 4 i 4).

²⁰¹⁵ ^dEn-lil₂: OIP 121 19:2 (AS 3 xii 9); OIP 121 22:2 (AS 4 xi 6).

²⁰¹⁶ ^dEn-me-šara₂: ANM 3823:5 (AS 7 xii 16). For this deity, see Such-Gutiérrez 2003: 120 (^dEn-me-šár/ša-ra).

²⁰¹⁷ ^dGu-la: CDLJ 2012/1 4.34:1 (AS 4 i 4).

²⁰¹⁸ ^dInana: CDLJ 2012/1 4.34:3,8 (AS 4 i 4); JCS 7 104 473:2 (AS 6 iv 9); ANM 3823:2 (AS 7 xii 16).

²⁰¹⁹ ^dMa-al-kum-ma: MVN 11 146:2 (AS 6 iv 26).

²⁰²⁰ ^dNanna-an-na: CDLJ 2012/1 4.34:7 (AS 4 i 4).

²⁰²¹ ^dNin-gal: CDLJ 2012/1 4.34:9 (AS 4 i 4).

²⁰²² ^dNin-hur-saĝ: CDLJ 2012/1 4.34:4 (AS 4 i 4).

²⁰²³ ^dNin-lil₂: OIP 121 22:9 (AS 4 xi 6).

²⁰²⁴ ^dNin-tin-ug₅-ga: JCS 7 104 473:4 (AS 6 iv 9, I₃-si^{ki}-še₃ du-ni “when she went to Isin”).

²⁰²⁵ ^dUtu: CDLJ 2012/1 4.34:6 (AS 4 i 4); SET 65:3 (AS 7 vi 4).

²⁰²⁶ ^dŠul-gi-ra: OIP 121 31:7 (AS 8 ii); TLB 3 33:7 (AS X iv).

Uruk²⁰²⁷ and for the “whip of the conjurer” at Puzriš-Dagan²⁰²⁸.

3.2.2.1.2 For members of the royal household

Ahu-Wer expended (ba-zi) animals for the queen Abisimti²⁰²⁹.

3.2.2.1.3 For different individuals

Ahu-Wer expended (ba-zi) animals for the following 19 foreigners:

Abarnium:	[..]-gizi ²⁰³⁰
Duduli:	Dannali ²⁰³¹ , Hulibar ²⁰³²
Ebla:	Ili-Dagan ²⁰³³
Harši:	Marhuni ²⁰³⁴
Hibilati:	Ithap-atal ²⁰³⁵
Marhaši:	Amur-ilum ²⁰³⁶ , Libanašgubi ²⁰³⁷
Mari:	AbuDU ²⁰³⁸ , Iddin-aka ²⁰³⁹ , Laqipum ²⁰⁴⁰ , Šu-Išhara ²⁰⁴¹
Šimaški:	Dulia ²⁰⁴² , Gaddadu ²⁰⁴³ , Zubuš ²⁰⁴⁴
Tutul:	Puzur-Dagan ²⁰⁴⁵
Uraum:	Duribbikma ²⁰⁴⁶
Uršu:	x-ri-iš-ti-ŠI.RI ²⁰⁴⁷

²⁰²⁷ ki ^{giš}gu-za en ^dInana-še₃: OIP 121 20:2 (AS 4 i 23).

²⁰²⁸ hul-dub₂: PDT 2 1004:2 (AS 4 viii 29). For the term hul-dub₂ “fouet du conjurateur”, see Sigrist 1992: 176.

²⁰²⁹ A-bi₂-si₂-im-ti: Ontario 1 48:10-11 (AS 6 ii 16); NYPL 133:2-3 (AS 6 iii 25); MVN 11 146:5-6 (AS 6 iv 26); BPOA 6 720:1-3 (AS 6 x); OIP 121 27:2-3 (AS 7 iii 26).

²⁰³⁰ [...]gi?-zi lu₂-kin-gi₄-a ensi₂ A-ba-ar-ni-um^{ki}: CST 468:12 (AS 6 iv 1). For the GN A-ba-ar-ni-um, see Veenhof 1972: 120, 156, Owen 1992: 117 and Koliński 2007: 5.

²⁰³¹ Dan-na-li lu₂-kin-gi₄-a Hu-li-bar lu₂ Du₈-du₈-li₂^{ki}: Ontario 1 48:16 (AS 6 ii 16).

²⁰³² Hu-li-bar ensi₂ Du₈-du₈-li₂^{ki}: TCND 251:3 (AS 6 ix 16).

²⁰³³ I₃-li₂-^dDa-gan lu₂-kin-gi₄-a Me-gu-um ensi₂ Eb-la^{ki}: BiMes 25 152 55:14-15 (AS 7 v 21). I₃-li₂-^dDa-gan lu₂ Eb-la^{ki}: CST 468:6 (AS 6 iv 1); MVN 13 635:5 (AS 6 iv 5); TRU 344:13 (AS 6 iv 6); JCS 7 104 473:9 (AS 6 iv 9); Hirose 231:5 (AS 6 iv 23); MVN 11 146:11 (AS 6 iv 26). For the person Megum of Ebla, see Owen and Veenker 1987. D. I. Owen (1992:121) argued the PN not Ili-Dagan but Zurim.

²⁰³⁴ Mar-hu-ni lu₂ Ha-ar-ši^{ki}: SA 26:2 (AS 6 viii 5).

²⁰³⁵ It-ha-pa₂-tal lu₂ Hi-bi₂-la-ti^{ki}: SA 26:4 (AS 6 viii 5).

²⁰³⁶ A-mur-DIĠIR lu₂-kin-gi₄-a Li-ba-nu-ug-ša-ba-aš ensi₂ Mar-ha-ši^{ki}: OIP 121 20:5 (AS 4 i 23); SAT 2 806:2-4 (AS 4 i 27).

²⁰³⁷ Li-ba-an-aš-gu-bi lu₂-kin-gi₄-a Li-ba-nu-ug-ba-aš ensi₂ Mar-ha-ši^{ki}: Ontario 1 48:13-14 (AS 6 ii 16); StLouis 137:2 (AS 6 ii 23); CST 466:2 (AS 6 ii 24); CST 468:4 (AS 6 iv 1); MVN 13 635:2 (AS 6 iv 5); TRU 344:10 (AS 6 iv 6); JCS 7 104 473:7 (AS 6 iv 9); Hirose 231:2 (AS 6 iv 23); MVN 11 146:9 (AS 6 iv 26); MVN 13 539:2 (AS 6 viii 2); SA 26:8 (AS 6 viii 5); AAICAB 1/4 TCICA 6:2 = RA 8 191 11:2 (AS 6 viii 3).

²⁰³⁸ A-bu-DU₁₀ lu₂ Ma-ri₂^{ki}: BiMes 25 152 55:7 (AS 7 v 21). For this person, see Owen and Veenker 1987 and Owen 1992:124 (Ahu-ṭab).

²⁰³⁹ I-din-AK? lu₂ Ma-ri₂^{ki}: JCS 7 104 473:13-14 (AS 6 iv 9, u₄ uru-ni-ta i₃-im-ġen-na-a “when he went to his city”). For this name, see Owen 1992: 126 (Iddin-aka).

²⁰⁴⁰ La-qi₃-pu-um lu₂ Ma-ri₂^{ki}: PDT 1 180:2 (AS 8 iv X).

²⁰⁴¹ Šu-^dIš-ha-ra lu₂ Ma-ri₂^{ki}: CST 468:9 (AS 6 iv 1); MVN 13 635:7 (AS 6 iv 5); TRU 344:16 (AS 6 iv 6); JCS 7 104 473:11 (AS 6 iv 9); Hirose 231:8 (AS 6 iv 23); MVN 11 146:14 (AS 6 iv 26).

²⁰⁴² Du-li-a lu₂-kin-gi₄-a Ia₃-ab-ra-at LU₂.SU^{ki}: TCND 254:2 (AS 7 vi 12); RA 8 191 12:2 (AS 7 vi 13).

²⁰⁴³ Ga-ad-da-du lu₂-kin-gi₄-a Ia₃-a-ab-ra-at LU₂.SU.A^{ki}: BiMes 25 152 55:17 (AS 7 v 21).

²⁰⁴⁴ Zu-bu-uš lu₂-kin-gi₄-a Ia₃-ab-ra-at LU₂.SU.(A)^{ki}: Ontario 1 48:1 (AS 6 ii 16); StLouis 137:5-6 (AS 6 ii 23); CST 466:5 (AS 6 ii 24); BiMes 25 152 55:18-19 (AS 7 v 21). For this person Zubuš, see Owen and Veenker 1987.

²⁰⁴⁵ PU₃.ŠA-^dDa-gan lu₂ Tu-tu-ul^{ki}: BiMes 25 152 55:11 (AS 7 v 21). For this person, see Owen and Veenker 1987.

²⁰⁴⁶ Du-ri-ib-bi₂-ik-ma ensi₂ U₃-ra-um^{ki}: OIP 121 26:2 (AS 7 ii 11). This PN and GN are only attested in this text.

²⁰⁴⁷ [x]-ri-iš-ti-ši-ri lu₂ Ur-šu^{ki} BiMes 25 152 55:9 (AS 7 v 21). For this person, see Owen and Veenker 1987.

Zidanum: Raši²⁰⁴⁸

Apart from foreigners, Ahu-Wer also expended (ba-zi) animals for the following six individuals: Ahantibu the bow-maker²⁰⁴⁹, Babati²⁰⁵⁰, Eman-Eštar²⁰⁵¹, Geme-eanna the bride of the “Grand Vizier”²⁰⁵², Šili-Sud²⁰⁵³ and Šulanum the priest of Ištaran²⁰⁵⁴.

3.2.2.1.4 For the “kitchen”

3.2.2.1.4.1 Ahu-Wer expended (ba-zi) animals to the “kitchen” for soldiers²⁰⁵⁵.

3.2.2.1.4.2 Ahu-Wer expended (ba-zi) animals to the “kitchen” for GAR₃.DU people²⁰⁵⁶.

3.2.2.1.4.3 Ahu-Wer expended (ba-zi) animals to the “kitchen” for runners²⁰⁵⁷.

3.2.2.1.4.4 Ahu-Wer expended (ba-zi) animals to the “kitchen” for governor-generals sitting down for a banquet²⁰⁵⁸.

3.2.2.1.4.5 Ahu-Wer expended (ba-zi) animals to the “kitchen” for Geme-Nanna, the daughter-in-law of Bu’udu²⁰⁵⁹.

3.2.2.1.4.6 Ahu-Wer expended (ba-zi) animals to the “kitchen” for the wife of Šulgi-hasis²⁰⁶⁰.

3.2.2.1.5 For feeding dogs

Ahu-Wer expended (ba-zi) animals for feeding old dogs and young dogs²⁰⁶¹.

3.2.2.1.6 Transferring to individuals

Ahu-Wer expended (ba-zi) animals which were transferred (i₃-dab₅) to Aa-kala²⁰⁶² and Lu-Ninšubur the temple prefect of An²⁰⁶³.

3.2.2.1.7 The ġiri₃- and/or maškim official

The ġiri₃- and/or maškim officials were responsible for the disbursements of animals by Ahu-Wer for various destinations. They are listed as follows (see Table 3.24):

²⁰⁴⁸ Ra-ši lu₂ Zi-ti-an^{ki}: MVN 8 206:8 (AS 4 x 22); PDT 1 466:13 (AS 4 x 25).

²⁰⁴⁹ A-ha-an-ti-bu lu₂ ġi^{is}ban: CST 466:9 (AS 6 ii 24). This name Ahantibu possibly equals with Ahanšibu (YOS 15 158) and Ahansibu (Erm 14763 = SAT 2 724).

²⁰⁵⁰ Ba-ba-ti: OIP 121 20:9 (AS 4 i 23). This person without title must be identical with the brother of Queen Abisimti.

²⁰⁵¹ E-ma-an-Eš₁₈-tar₂: MVN 13 541:3 (AS 6 ix); OIP 121 31:10 (AS 8 ii); TLB 3 33:10 (AS X iv).

²⁰⁵² [Geme₂]-e₂-an-na e₂-gi₄-a [sukkal-mah]: MVN 13 635:11 (AS 6 iv 5, u₄ tu-ra i₃-me-a “when he was ill”).

²⁰⁵³ Ši-li-^dSud₃-da: MVN 13 541:6 (AS 6 ix); OIP 121 31:13 (AS 8 ii); TLB 3 33:13 (AS X iv).

²⁰⁵⁴ Šu-la-num₂ gudu₄ ^dIštaran: OIP 121 28:8 (AS 7 vi 6).

²⁰⁵⁵ e₂ muhaldim, mu aga₃-us₂-e-ne-še₃: MVN 8 206:6 (AS 4 x 22); Hixenbaugh 4:4 (AS 6 i 27); Ontario 1 48:8 (AS 6 ii 16); Nisaba 8 143:5 (AS 6 iii 23); NYPL 133:8 (AS 6 iii 25); TRU 345:4 (AS 6 xi 1).

²⁰⁵⁶ e₂ muhaldim, mu gar₃-du-e-ne-še₃: OIP 121 28:5 (AS 7 vi 6).

²⁰⁵⁷ e₂ muhaldim, mu kaš₄-e-ne-še₃: PDT 1 466:8 (AS 4 x 25); Ontario 1 48:7 (AS 6 ii 16); TRU 344:3 (AS 6 iv 6); BiMes 25 152 55:4 (AS 7 v 21).

²⁰⁵⁸ e₂ muhaldim, mu šakkan₆ ġešbun₂ ba-tuš-a-ne-še₃: PDT 1 466:10 (AS 4 x 25).

²⁰⁵⁹ e₂ muhaldim, mu Geme₂-^dNanna e₂-gi₄-a Bu₃-u₂-du-še₃: TRU 344:6 (AS 6 iv 6).

²⁰⁶⁰ e₂ muhaldim, mu dam ^dŠul-gi-ha-si₂-is-še₃: OIP 121 28:2 (AS 7 vi 6).

²⁰⁶¹ mu ur-gir₁₅ gal-gal-še₃, mu ur-gir₁₅ tur-tur-še₃: PDT 2 1031:4, 6 (AS 7 vii).

²⁰⁶² A-a-kal-la i₃-dab₅: Princeton 1 100:2 (AS 8 ii 4).

²⁰⁶³ Lu₂-^dNin-šubur šabra An-na i₃-dab₅: STD 19:2-5 (AS 4 vii, bala-a zi-ga, kišib NI-u₂-rum, pisan-dub-ba-ka-na “as the withdrawal of bala-duty, sealed by NI-urum, his pisan dub-ba-label”).

Table 3.24 Distribution of ġiri₃ or/and maškim officials responsible for the disbursals of animals by Ahu-Wer

ġiri ₃ /maškim	Cultic	Royal	Individuals	Kitchen	Dogs	Transferor
Arad ₂ -ġu ₁₀			x	x		
DIĠIR-dan sukkal	x		x			
Ku ₃ - ^d Nanna sukkal				y		
Lu ₂ - ^d Da-mu sukkal			y			
Lugal-KA-gi-na			y			
MUR ₇ -te-li sukkal			y			
Na-bi ₂ - ^d EN.ZU sukkal			y			
Na-ra-am- ^d Iškur sukkal			y			
Nam-ha-ni sukkal			xy			
Nu-ur ₂ - ^d EN.ZU sagi	y					
Šu- ^d Šul-gi (sukkal)			y			
^d Šul-gi-iri-ġu ₁₀				y		
Ur- ^d Lamma sagi	y					

3.2.2.1.8 Formulary

The following 22 types of formulae are attested in the disbursements of animals by Ahu-Wer for cultic purposes (bazi A71, A89-94), for members of the royal household (bazi B1, B34, B36), for different individuals (bazi C7, C15, C37, C61-62), for the “kitchen” (bazi E6, E59-62), and for other purposes (bazi K18-19) (see Table 3.25).

Table 3.25 Formulae attested in the disbursals of animals by Ahu-Wer

Type	Component	Formula	Commentary	Example
bazi A71	1-2	S1 šu-a-gi-na u ₄ N-kam S2 e ₂ -u ₄ -15 S3 e ₂ -u ₄ -sakar niġ ₂ -diri sa ₂ -du ₁₁ ^d Šul-gi-ra	animals with <i>šuagina</i> -contingent and “Full-Moon-day”; for “Crescent-Moon-day”; additions and regular offering for Šulgi	OIP 121 31:1-7
bazi A89	1-2-7	<u>S₂ DN</u> ša ₃ tur ₃ -gal zi-ga	animals for more deities, at turgal, withdrawal	CDLJ 2012/1 4.34:1-11
bazi A90	1-2-8-7	S, DN ša ₃ a ₂ -ki-ti še-KIN-ku ₅ ša ₃ GN	animals for one deity, at the <i>akiti</i> - and <i>šeKINku</i> -festivals, at GN	OIP 121 19:1-4
bazi A91	1-2-4	S1, DN1 S2, e ₂ -duru ₅ du-du S3, kab ₂ -du ₁₁ -ga	animals for DN1, for village, for <i>kabduga</i> , for DN2, with one maškim	OIP 121 22:1-10

Type	Component	Formula	Commentary	Example
		S4, DN2 PN maškim	official	
bazi A92	1-2-5-4	S, ki ^{gn} gu-za en DN-še ₃ ĝiri ₃ PN <PN maškim>	animals for the throne of <i>en-</i> priest(ess), with one ĝiri ₃ and one maškim official	OIP 121 20:1-3,10
bazi A93	1-2-4	S siskur ₂ ki DN, ša ₃ e ₂ -gal PN maškim	animals with one maškim official for the siskur- offering at the palace	SET 65:1-5
bazi A94	1-2-5-6	S, hul-dub ₂ GN ĝiri ₃ PN PN i ₃ -dab ₃	PN received/took animals for <i>huldub</i>	PDT 2 1004:1-5
bazi B1	1-2	S sa ₂ -du ₁₁ PNr	animals as regular offering for one royal member	BPOA 6 720:1-2
bazi B34	1-8-2-5	S, u ₄ -nu ₂ -a-ka e ₂ -gal-la ba-na- ku ₄ PNr ĝiri ₃ PN	animals with one ĝiri ₃ official for PNr, delivered and replaced for his/her “New-Moon-festival”	NYPL 133:1-4,9
bazi B36	1-2-7-5	S, PNr ša ₃ e ₂ -gal-še ₃ ĝiri ₃ PN	animals for PNr, via PN, with one maškim	Ontario 1 48:10- 12,18
bazi C7	1-2-4	S, PN PN maškim	animals with one maškim official for one individual	MVN 8 206:7-9
bazi C15	1-2-5	S, PN ĝiri ₃ PN	animals with one ĝiri ₃ official for one individual	AAICAB 1/4 TCICA 06:1-3
bazi C37	1-2-5-4	S, PN ĝiri ₃ PN1 PN2 maškim	animals with one ĝiri ₃ official and one maškim official for PN	SAT 2 806:1-6
bazi C61	1-2-5-4	<u>S, PN1, ĝiri₃ PN</u> PN maškim	animals with more ĝiri ₃ and one maškim official for PN1	StLouis 137:1-8
bazi C62	1-2-5	<u>S, sa₂-du₁₁ PN</u> <i>iti 1-kam</i> ĝiri ₃ PN	animals as the regular offering with one ĝiri ₃ official for more individuals	MVN 13 541:1-8
bazi E6	1-2-4	S šu-gid ₂ e ₂ muhaldim-še ₃ mu aga ₃ -us ₂ -e-ne-še ₃ PN maškim	animals as the šu-gid- contingent with one maškim official to the “kitchen” for the soldiers	MVN 8 206:1-6,9
bazi E59	1-2	S1 mu kaš ₄ -ke ₄ -ne-še ₃ S2 šu-gid ₂ mu aga ₃ -us ₂ -e-ne- še ₃ e ₂ muhaldim-še ₃	animals for runners, animals as the šu-gid-contingent for soldiers, to the “kitchen”	Ontario 1 48:5-9,18

Type	Component	Formula	Commentary	Example
bazi E60	1-2-4	S1 mu PN-še ₃ , ġiri ₃ PN S2 šu-gid ₂ mu gar ₃ -du-e-ne-še ₃ e ₂ muhaldim-še ₃ <PN maškim>	animals for PN, animals as the šu-gid-contingent for GAR ₃ .DU people, to the “kitchen”, with one maškim official	OIP 121 28:1-6,10
bazi E61	1-2	S1 mu kaš ₄ -ke ₄ -ne-še ₃ , ġiri ₃ PN S2 mu PN-še ₃ , ġiri ₃ PN e ₂ muhaldim-še ₃	animals for runners, animals for PN, to the “kitchen”	TRU 344:1-8,18
bazi E62	1-2-4	S1 mu kaš ₄ -ke ₄ -ne-še ₃ S2 mu šakkan ₆ ġišbun ₂ -ba tuš-a-ne-še ₃ e ₂ muhaldim-še ₃	animals for runners and for generals sitting in the banquet, to the “kitchen”	PDT 1 466:1-11,14
bazi K18	1-2	S, KA-izi-še ₃ u ₄ N-kam PN i ₃ -dab ₅	animals for producing meat, PN received	Princeton 1 100:1-4
bazi K19	1-2-9	S, bala-a zi-ga PN i ₃ -dab ₅ kišib PN pisan-dub-ba-ka-na	animals as the bala-tax of PN1, PN2 took in charge	SumTemDocs 19:1-5

3.2.2.1.9 Brief summary

The total of number of animals, which Ahu-Wer disbursed (ba-zi), is listed as follows (see Table 3.26):

Destination	Ox	Sheep	Goat	Subtotal
Cultic	2	70	25	97
Royal	0	32	3	35
Foreigner	2	47+	28+	77+
Kitchen	3	97	40	140
Dog	0	22	10	32
Other	6	1	0	7
Total:	13	269+	106+	388+

3.2.2.2 The expenditure (šu ba-ti) of dead animals accepted by Šulgi-iriġu

Between AS 3 xii 3 and AS 8 iv 13²⁰⁶⁴, Ahu-Wer expended (šu ba-ti) 385 dead animals which were accepted by Šulgi-iriĝu. The monthly distribution of these dead animals is given below (see Table 3.27):

Table 3.27 Monthly distribution of dead animals accepted by Šulgi-iriĝu from Ahu-Wer

	i	ii	iii	iv	v	vi	vii	viii	ix	x	xi	xii	Sum
AS 3												22	22
AS 4	0	11	14	11	10	14	14	0	34	0	19	77	204
AS 5	22	0	3	0	13	3	0	13	0	0	0	0	54
AS 6	0	7	27	0	0	0	0	22	3	8	11	0	78
AS 7	0	0	8	0	0	4	0	0	1	1	7	0	21
AS 8	4	0	0	2									6

From the above chart, some conclusions can be drawn. Firstly, the highest number of dead animals lies in AS 4, and the lowest number lies in AS 7, with the exception of two partial years AS 3 and AS 8. Secondly, the highest monthly number of dead animals in each year lies in AS 4 xii, AS 6 iii. Thirdly, the gap month of dead animals lies in AS 4 i, viii, x, AS 5 ii, iv, vii, AS 5 ix-AS 6 i, AS 6 iv-vii, AS 6 xii-AS 7 ii, AS 7 iv-v, vii-viii, xii, AS 8 ii-iii, in which there is the longest gap spanning five months from AS 5 ix-AS 6 i, compared to four months from AS 6 iv to vii, and three months from AS 6 xii to AS 7 ii.

In addition, the following two types of formulae are attested in the transactions of dead animals from Ahu-Wer to Šulgi-iriĝu (sbt001, sbt004).

sbt001:	sbt004:
S	S
ba-ug ₇ /uš ₂	ba-ug ₇ /uš ₂
u ₄ N-kam	ki B-ta
ki B-ta	PN šu ba-ti
PN šu ba-ti	M/Y
M/Y	

²⁰⁶⁴ ki A-hu-We-er-ta, ^dŠul-gi-iri-ĝu₁₀ šu ba-ti: CST 285 (AS 3 xii 3); Nisaba 8 137 (AS 3 xii 10); Hirose 150 (AS 4 ii 7); KM 89 183 (AS 4 ii 21); Hirose 152 (AS 4 iii 4); Hirose 153 (AS 4 iii 17); BIN 3 427 (AS 4 iv 1); BIN 3 75 (AS 4 iv 2); BCT 1 8 (AS 4 iv 14); BPOA 6 561 (AS 4 iv 25); Hirose 155 (AS 4 v 8); Nisaba 8 184 (AS 4 v 22); MVN 13 85 (AS 4 vi 18); PDT 2 1136 (AS 4 vi 25); Hirose 159 (AS 4 vi 28); Nisaba 8 261 (AS 4 vii 3); OIP 121 21 (AS 4 vii 14); ASJ 7 177 TRU 225 (AS 4 vii 17); Nisaba 8 275 (AS 4 vii 27); SA 10 (AS 4 vii 28); MVN 13 910 (AS 4 ix); TCND 375 (AS 4 xi 8); MVN 15 60 (AS 4 xii 6); TRU 242 (AS 4 xii 11); CDLB 2012/2 2.4 (AS 4 xii 14); PPAC 4 71 (AS 4 xii 26); Nisaba 8 237 (AS 4 xii 28); MSR 14 (AS 5 i 2); JCS 57 119 6 (AS 5 i 5); OIP 121 23 (AS 5 i 20); BPOA 7 2753 (AS 5 iii 28); Nisaba 8 96 (AS 5 v 13); TCND 338 (AS 5 v 14); Hirose 201 (AS 5 v 26); Nisaba 8 230 (AS 5 vi 2); Nisaba 8 187 (AS 5 viii 13); Princeton 1 111 (AS 6 ii 23); BPOA 6 529 (AS 6 iii 1); Hirose 228 (AS 6 iii 13); OIP 121 25 (AS 6 iii 19); Hirose 236 (AS 6 viii 15); Nisaba 8 208 (AS 6 viii 16); Hershey 02 (AS 6 viii 17); MVN 13 838 (AS 6 viii 30); Hirose 238 (AS 6 ix 15); MVN 10 218 (AS 6 x 12); TCND 351 (AS 6 xi 2); Hirose 232 (AS 6 X 26); CST 357 (AS 7 iii 5); AuOr Suppl.11 134 (AS 7 v 10+); Hirose 257 (AS 7 vi 4); CST 364 (AS 7 vi 7); OIP 121 29 (AS 7 ix 5); CST 367 (AS 7 x 20); ASJ 7 177 TRU 234 (AS 7 xi 1); OIP 121 30 (AS 7 xi 1); BPOA 7 2758 (AS 7 xi 15); Hirose 253 (AS 7 X 1); BPOA 6 681 (AS 8 i 2); PDT 2 1020 (AS 8 iv 9); Hirose 282 (AS 8 iv 13).

3.2.2.3 The expenditure (i₃-dab₅) of animals transferred to bureaus and individuals

Between AS 5 i and AS 7 viii, Ahu-Wer transferred (i₃-dab₅) animals to Intaea (8 oxen, 60 sheep)²⁰⁶⁵, the official of the “central bureau”, and to three officials of the subordinate bureaus of the Puzriš-Dagan organization: En-diġirġu (1 sheep)²⁰⁶⁶, Lu-saga (71 oxen, 359 sheep)²⁰⁶⁷ and Turam-Dagan (11 sheep)²⁰⁶⁸, as well as to three individuals: Beli-azu (2 oxen)²⁰⁶⁹, Lu-Bau (46 oxen, 89 sheep)²⁰⁷⁰ and Lu-Ninšubur the temple perfect of An (3 sheep)²⁰⁷¹.

In addition, the following seven types of formulae are attested in the transfers of animals from Ahu-Wer to the above-mentioned bureaus and individuals (see Table 3.28).

Table 3.28 Formulae attested in the transfers of animals from Ahu-Wer

Type	Formula	Example
idab002	S, ki B-ta, PN i ₃ -dab ₅ , MY	NYPL 254
idab003	S, ki B-ta, PN i ₃ -dab ₅ , u ₄ N-kam, MY	OIP 121 24
idab041	S, bala PN-ka ba-an-zi, ki B-ta, PN i ₃ -dab ₅ , MY	CST 362
idab060	S u ₄ N-kam, šu-gid ₂ , ki B-ta, PN i ₃ -dab ₅ , MY	MVN 2 306
idab144	<u>S</u> , PN, ki B-ta, PN i ₃ -dab ₅	PDT 1 186
idab165	S, iti u ₄ N ba-zal, ki B-ta, bala PN-ka ba-zi, PN i ₃ -dab ₅ , MY	MVN 5 112
idab166	<u>S</u> , iti u ₄ N ba-zal, šu-niġin ₂ , bala PN-ka ba-an-zi, ki B-ta, PN i ₃ -dab ₅ , MY	MVN 13 694

3.2.2.4 Dealing with new-born animals (u₃-tu-da)

Between Day 1 and Day 28 of AS 3 xii, Ahu-Wer received (i₃-dab₅) 45 new-born animals (1 ox, 38 sheep, 6 goats) at the naGaBtum branch²⁰⁷², recorded with the same text formula (utuda005).

utuda005
 S
 u₃-tu-da
 u₄ N-kam
 ša₃ na-KAB-tum-ma
 B i₃-dab₅
 MY

²⁰⁶⁵ In-ta-e₃-a: BIN 3 118 (AS 5 i); MVN 2 306 (AS 6 xi XX). For Intaea, see Chapter 2.4.

²⁰⁶⁶ En-diġir-ġu₁₀: NYPL 254 (AS 7 viii). For En-diġirġu, see Chapter 5.

²⁰⁶⁷ Lu₂-sa₆-ga: MVN 13 694 (AS 7 iv 1-30, bala A₂-pi₅-la-ša ensi₂ Ka-zal-lu^{ki}-ka ba-an-zi); CST 362 (AS 7 vi, bala Kal-la-mu ensi₂ Aš₂-nun^{ki}-ka ba-an-zi); CM 26 61 (AS 7 vii, bala Gu₃-de₂-a ensi₂ Gu₂-du₈-a^{ki}-ka ba-an-zi). For Lu-saga, see Chapter 8.

²⁰⁶⁸ Tu-ra-am^d-Da-gan: OIP 121 24 (AS 5 ii 28). For Turam-Dagan, see Chapter 4.2.

²⁰⁶⁹ Be-li₂-a-zu: PDT 1 186 (AS 5 viii).

²⁰⁷⁰ Lu₂-^dBa-u₂: MVN 5 112 (AS 5 ii 30, bala Ha-ba-lu₅-ge₂ ensi₂ Adab^{ki}-ka ba-zi).

²⁰⁷¹ Lu₂-^dNin-šubur šabra An-na: UDT 177 (AS 6 x).

²⁰⁷² PPAC 4 248 (AS 3 xii 1); OIP 121 70 (AS 3 xii 12); JCS 39 120 2 (AS 3 xii 16); TLB 3 100 (AS 3 xii 28).

3.2.2.5 Summary

3.2.2.5.1 Between AS 3 xii 9 and AS 8 iv, Ahu-Wer expended (ba-zi) 388+ animals for cultic purposes, members of the royal household, different individuals, the “kitchen”, feeding dogs and transferring to individuals.

3.2.2.5.2 Between AS 3 xii 3 to AS 8 iv 13, Ahu-Wer expended (šu ba-ti) 385 dead animals which were accepted by Šulgi-iriĝu.

3.2.2.5.3 Between AS 5 i and AS 7 viii, Ahu-Wer transferred (i₃-dab₅) 650 animals to bureaus and individuals.

3.2.2.5.4 Between Day 1 and Day 28 of AS 3 xii, Ahu-Wer received (i₃-dab₅) 45 new-born (u₃-tu-da) animals.

3.2.3 The Bureau of Igi-Enlilše

The administrative documents issued by the bureau of Igi-Enlilše, the official of the naGaBtum branch, date between AS 8 v 15²⁰⁷³ and SS 1 xi²⁰⁷⁴, which spans roughly seventeen months during the reign of Amar-Suen. Moreover, the administrative activities of Igi-Enlilše can be divided into the following categories:

1. The expenditure (ba-zi) of animals for the cultic purposes, members of the royal household, different individuals, the “kitchen”, making meat, and transferring to individuals.
2. The expenditure (šu ba-ti) of dead animals accepted by Šulgi-iriĝu.

3.2.3.1 The expenditure (ba-zi) of animals

Between AS 8 v 28 and AS 9 iv, Igi-Enlilše expended (ba-zi) animals for cultic purposes (see 3.2.3.1.1), for members of the royal household (see 3.2.3.1.2), for different individuals (see 3.2.3.1.3), for the “kitchen” (see 3.2.3.1.4), for making meat (see 3.2.3.1.5) and transferring to individuals (see 3.2.3.1.6).

3.2.3.1.1 For cultic purposes

Igi-Enlilše expended (ba-zi) animals for three deities: Enlil²⁰⁷⁵, Ninlil²⁰⁷⁶ and Nintinugga²⁰⁷⁷. Also, he expended (ba-zi) animals for the *erubatum*-festival of the temples of Dagan and Išhara²⁰⁷⁸.

3.2.3.1.2 For the member of the royal household

Igi-Enlilše expended (ba-zi) animals for ME-Ištaran²⁰⁷⁹.

3.2.3.1.3 For different individuals

Igi-Enlilše expended (ba-zi) animals for three foreigners: Bušu’uk of Šimaški²⁰⁸⁰, Kiribulme of Simurum²⁰⁸¹ and Laqipum of Mari²⁰⁸².

3.2.3.1.4 For the “kitchen”

3.2.3.1.4.1 Igi-Enlilše expended (ba-zi) animals to the “kitchen” for the GAR₃.DU people²⁰⁸³.

²⁰⁷³ Nisaba 8 332 (AS 8 v 15).

²⁰⁷⁴ AUCT 3 43 (SS 1 xi): ki Igi-^dEn-lil₂-še₃-ta, Du₁₁-ga i₃-dab₅ “from Igi-Enlilše, Duga took over”. For Igi-Enlilše identified as the official of the naGaBtum branch, see Tsouparopoulou 2008: 169.

²⁰⁷⁵ ^dEn-lil₂: MVN 15 204:3 (AS 8 v 28).

²⁰⁷⁶ ^dNin-lil₂: MVN 15 204:6 (AS 8 v 28).

²⁰⁷⁷ ^dNin-tin-ug₅-ga: NYPL 244:1 (AS 8 vii 27).

²⁰⁷⁸ e-ru-ba-tum ^dDa-gan u₃ ^dIš-ha-ra: OIP 121 579:2 (AS 8 ix 12). For the term e-ru-ba-tum “(a festival celebrating the entry of a deity into a sanctuary)”, see Hilgert 2003: 392.

²⁰⁷⁹ ME-^dIštaran: OIP 121 579:5-6 (AS 8 ix 12, mu-DU e₂-u₄-15-ka-ni ki-ba ba-na-a-ĝar “delivery for her Full-Moon-day, replaced”).

²⁰⁸⁰ Bu-šu-u₃-uk lu₂-kin-gi₄-a Ia₃-ab-ra-at LU₂.SU: Erm 14881:2 (AS 8 xii 9).

²⁰⁸¹ Ki-ri₂-ib-ul-me lu₂ Si-mu-ru-um^{ki}: Erm 14857:2-3 (AS 8 ix 17, u₄ na-KAB-tum mu-niĝin₂-na-a “when he returned the naGaBtum branch”).

²⁰⁸² La-qī₃-pu-um lu₂ Ma-ri^{ki}: MVN 15 204:13 (AS 8 v 28).

²⁰⁸³ e₂ muhaldim, mu gar₃-du-e-ne-še₃: MVN 15 204:11 (AS 8 v 28); NYPL 244:7 (AS 8 vii 27); OIP 121 582:4 (AS 8 xi 22+).

3.2.3.1.4.2 Igi-Enlilše expended (ba-zi) animals to the “kitchen” for runners²⁰⁸⁴.

3.2.3.1.5 For making meat

Igi-Enlilše expended (ba-zi) oxen for producing preserved meat²⁰⁸⁵.

3.2.3.1.6 Transferring to an individual

Igi-Enlilše expended (ba-zi) animals which were transferred (i₃-dab₅) to A’*a*-kala²⁰⁸⁶.

3.2.3.1.7 The ĝiri₃- and/or maškim official

The ĝiri₃- and/or maškim officials were responsible for the disbursements of animals by Igi-Enlilše for various destinations. They are listed as follows (see Table 3.29):

Table 3.29 Distribution of ĝiri₃ or/and maškim officials responsible for the disbursals of animals by Igi-Enlilše

ĝiri ₃ /maškim	Cultic	Royal	Individuals	Kitchen	Meat	Transferor
A-bi ₂ -si ₂ -im-ti	y					
A-tu sagi	x					
Arad ₂ -ĝu ₁₀			x	x		
Ba-za-za sukkal			y			
DIĜIR-dan sukkal				x		
^d En-lil ₂ -zi-ša ₃ -ĝal ₂	x					
^d Nanna-kam sukkal			y			
Šu-AB.BA [sukkal]				y		
^d Šul-gi-iri-ĝu ₁₀				y		
Ta ₂ -hi-iš-a-tal		y				

3.2.3.1.8 Formulary

The following eight types of formulae are attested in the disbursements of animals by Igi-Enlilše for cultic purposes (bazi A85), for members of the royal household (bazi B23), for different individuals (bazi C37, C63), for the “kitchen” (bazi E52, E63), and for other purposes (bazi K20-21) (see Table 3.30).

Table 3.30 Formulae attested in the disbursals of animals by Igi-Enlilše

Type	Comp.	Formula	Commentary	Example
bazi A85	1-2-4	S e-ru-ba-tum e ₂ DN PN maškim	animals for the <i>erubatum</i> - festival at temple with one maškim official	OIP 121 579:1-3
bazi B23	1-2-8-5	S, PNr	animals with one ĝiri ₃	OIP 121 579:4-7

²⁰⁸⁴ e₂ muhaldim, mu kaš₄-ke₄-ne-še₃: BPOA 7 1606:2’ (AS 9 iv X).

²⁰⁸⁵ ba-šur₂ mu-du-lum-še₃: NYPL 244:3-4 (AS 8 vii 27); OIP 121 582:6 (AS 8 xi 22+). For the term ba-šur₂ mu-du-lum-še₃, see Liu 2013.

²⁰⁸⁶ A-a-kal-la i₃-dab₅: YOS 15 164:3,6-7 (AS 8 vii, ša₃ al-u₂-sa-še₃). Other references to the term al-u₂-sa are SA 22 and RTC 317. This term is probably identical with al-us₂-sa “sherd, potsherd, ground” (see George 1991: 147).

Type	Comp.	Formula	Commentary	Example
		mu-DU e ₂ -u ₄ -15-ka-na ki-ba ba-na-a-ġar ġiri ₃ PN	official for PN _r , delivered and replaced for his/her “Full-Moon-festival”	
bazi C37	1-2-5-4	S, PN ġiri ₃ PN1 PN2 maškim	animals with one ġiri ₃ official and one maškim official for PN	MVN 15 204:13-15
bazi C63	1-2-9-5-4	S, PN u ₄ na-KAB-tum mu-niġin ₂ -na-a ġiri ₃ PN PN maškim	animals for PN, when king went to the sheep-house, with one ġiri ₃ and maškim official	Erm 14857:1-5
bazi E52	1-2-5-4	S šu-gid ₂ e ₂ muhaldim mu gar ₃ -du-ne-še ₃ ġiri ₃ PN PN maškim	animals as the šu-gid-contingent with one ġiri ₃ official and one maškim official to the “kitchen” for GAR ₃ .DU people	MVN 15 204:10-12,15
bazi E63	1-2-5-4	S, e ₂ muhaldim mu kaš ₄ -ke ₄ -ne-še ₃ ġiri ₃ PN PN maškim	animals to the “kitchen” for the runners, with one ġiri ₃ and maškim official	BPOA 7 1606:1-4
bazi K20	1-2-4	S ba-šur ₂ mu-du-lum-še ₃ PN maškim	animals for (producing) preserved meat, with one maškim official	NYPL 244:3-4,9
bazi K21	1-2-5-4	S mu-du-lum-še ₃ ġiri ₃ PN PN maškim	animals for (producing) preserved meat, with one ġiri ₃ and one maškim official	OIP 121 582:5-7

3.2.3.1.9 Brief summary

The total of number of animals, which Igi-Enlilše disbursed (ba-zi), is listed as follows (see Table 3.31):

Destination	Ox	Sheep	Goat	Subtotal
Cultic	3	2	2	7
Royal	0	2	0	2
Foreigner	0	3	0	3
Kitchen	0	37	0	37
Other	2	20	0	22
Total:	5	64	2	71

3.2.3.2 The expenditure (šu ba-ti) of dead animals accepted by Šulgi-iriĝu

Between AS 8 v 15 and AS 9 x 28²⁰⁸⁷, Igi-Enlilše expended (šu ba-ti) 66 dead animals (3 oxen, 57 sheep, 6 goats) which were accepted by Šulgi-iriĝu. The monthly distribution of dead animals accepted by Šulgi-iriĝu from Igi-Enlilše is as follows (see Table 3.32):

Table 3.32 Monthly distribution of dead animals accepted by Šulgi-iriĝu from Igi-Enlilše

	i	ii	iii	iv	v	vi	vii	viii	ix	x	xi	xii	Sum
AS 8					5	3	0	0	6	23	11	7	55
AS 9	2	0	0	0	0	5	0	0	0	4			11

The chart illustrates that the highest monthly number of dead animals lies in AS 8 x, followed by AS 8 xi; and the gap of dead animals lies from AS 8 vii to viii, from AS 9 ii to v, and from AS vii to ix; but generally the transactions on dead animals expended by Igi-Enlilše happened in AS 9 were extraordinarily few. Only one formula (sbt001) is attested in the transactions of dead animals from Igi-Enlilše to Šulgi-iriĝu.

3.2.3.3 Summary

3.2.3.3.1 Between AS 8 v 28 and AS 9 iv, Igi-Enlilše expended (ba-zi) 71 animals for the cultic purposes, members of the royal household, different individuals, the “kitchen”, making meat and transferring to individuals.

3.2.3.3.2 Between AS 8 v 15 and AS 9 x 28, Igi-Enlilše expended (šu ba-ti) 66 dead animals which were accepted by Šulgi-iriĝu.

²⁰⁸⁷ ki Igi-^dEn-lil₂-še₃-ta, ^dŠul-gi-iri-ĝu₁₀ šu ba-ti: Nisaba 8 332 (AS 8 v 15); PDT 1 158 (AS 8 vi 22); ASJ 12 43 15 (AS 8 vii 28); OIP 121 578 (AS 8 ix 5); OIP 121 580 (AS 8 ix 13); RA 19 192 6 (AS 8 ix 18); OIP 121 581 (AS 8 x 3); BPOA 6 688 (AS 8 x 27); MVN 15 98 (AS 8 x 28); AuOr Suppl. 11 137 (AS 8 xi 12); Nisaba 8 327 (AS 8 xi 25); PDT 1 153 (AS 8 xii 4); CDLJ 2008/2 12 (AS 9 i 13); AUCT 1 689 (AS 9 vi 23); TCND 374 (AS 9 x 28).

4 The officials for the Royal Court branch

There are three bureaus at the Royal Court branch, namely the bureaus of Uta-mišaram (see Chapter 4.1), Turam-Dagan (see Chapter 4.2) and Tah(i)š-atal (see Chapter 4.3). The first two bureaus exclusively date to the reign of Amar-Suen; while the last bureau dates between Amar-Suen's and Su-Suen's reigns.

4.1 The Bureau of Uta-mišaram

The administrative documents issued by the bureau of Uta-mišaram date between AS 5 i 15²⁰⁸⁸ and AS 9 ix 25²⁰⁸⁹. Uta-mišaram is identified as the equestrian (ra₂-gaba)²⁰⁹⁰. In addition, his administrative activities can be divided into the following categories:

1. The expenditure (ba-zi) of animals for cultic purposes, different individuals, the E'uzga, the "kitchen", making meat and transferring to a bureau.
2. The expenditure (šu ba-ti) of dead animals accepted by Šulgi-iriġu.
3. The expenditure (i₃-dab₅) of animals transferred to bureaus.
4. The pisan dub-ba-labels.

4.1.1 The expenditure (ba-zi) of animals

Between AS 5 ii 13 and AS 8 xi 25, Uta-mišaram expended (ba-zi) animals for cultic purposes (see 4.1.1.1), for different individuals (see 4.1.1.2), for the E'uzga (see 4.1.1.3), for the "kitchen" (see 4.1.1.4), and for other purposes (see 4.1.1.5).

4.1.1.1 For cultic purposes

Uta-mišaram expended (ba-zi) animals for two deities: Enlil²⁰⁹¹ and Ninlil²⁰⁹². Furthermore, he expended (ba-zi) animals for the throne of Enlil²⁰⁹³, for the bathing ritual of Ninurta²⁰⁹⁴, for the royal bathing ritual²⁰⁹⁵ and for the Full-Moon-festival²⁰⁹⁶.

²⁰⁸⁸ OIP 121 505 (AS 5 i 15).

²⁰⁸⁹ PPAC 4 52 (AS 9 i 25).

²⁰⁹⁰ See the texts ASJ 3 75 (AS 4 ix 20, U₂-ta₂-mi-šar-ra-am <ra₂-gaba>) and OIP 121 453: 2 (AS 5 ii 3, U₂-ta₂-mi-šar-ra-am ra₂-gaba).

²⁰⁹¹ ^dEn-lil₂: TCND 252:3 (AS 7 ii, ezem gu₄-si-su "gusisu-festival"); TRU 346:4 (AS 7 v 30, ša₃ e₂ ^dEn-lil₂-la₂ "at the temple of Enlil"); SACT 1 161:4 (AS 7 xii); JCS 52 39 31:2 (AS 8 vii 30, eš₃-eš₃ e₂-u₄-sakar "Crescent-Moon-festival").

²⁰⁹² ^dNin-lil₂: CST 355:2 (AS 7 ii 22, siskur₂ gu-la "great rite"); TRU 346:12 (AS 7 v 30, eš₃-eš₃ e₂-u₄-sakar); JCS 52 39 31:4 (AS 8 vii 30, eš₃-eš₃ e₂-u₄-sakar).

²⁰⁹³ gu-za ^dEn-lil₂-la₂: TRU 346:7 (AS 7 v 30, ša₃ e₂ ^dEn-lil₂-la₂).

²⁰⁹⁴ a-tu₅-a ^dNin-urta: CST 355:5 (AS 7 ii 22, ezem gu₄-si-su).

²⁰⁹⁵ a-tu₅-a lugal: BCT 1 87:2 (AS 8 xi 25).

²⁰⁹⁶ eš₃-eš₃ e₂-u₄-15: UDT 174:3 (AS 8 vi 14).

4.1.1.2 For different individuals

Uta-mišaram expended (ba-zi) animals for the following five individuals: Aradġu²⁰⁹⁷, Dada the lamentation singer²⁰⁹⁸, Lugal-magure²⁰⁹⁹, Šarrum-bani the general²¹⁰⁰ and Ur-Ningublaga the singer²¹⁰¹. Interestingly, Uta-mišaram did not expend (ba-zi) animals for foreigners.

4.1.1.3 For the E'uzga

Uta-mišaram expended (ba-zi) animals for the E'uzga²¹⁰².

4.1.1.4 For the “kitchen”

4.1.1.4.1 In AS 6 iv, Uta-mišaram expended (ba-zi) animals for the “kitchen”²¹⁰³.

4.1.1.4.2 Between AS 7 iv and AS 8 iii, Uta-mišaram expended (ba-zi) animals to the “kitchen” for the GAR₃.DU people of Amar-Suen²¹⁰⁴.

4.1.1.5 For other purposes

4.1.1.5.1 Uta-mišaram expended (ba-zi) animals for producing roasted meat responsible (ġiri₃/maškim) for Ur-Bau the cook²¹⁰⁵, and for producing salted meat responsible (ġiri₃) for Šulgi-iriġu²¹⁰⁶.

4.1.1.5.2 Uta-mišaram expended (ba-zi) one wild sheep which was transferred (i₃-dab₅) to Turam-Dagan, another official of the Royal Court branch²¹⁰⁷.

4.1.1.6 The ġiri₃- and/or maškim official

The ġiri₃- and/or maškim officials, who were responsible for the disbursements of animals by Uta-mišaram for various destinations, are listed as follows (see Table 4.1):

Table 4.1 _ Distribution of ġiri₃ or/and maškim officials responsible for the disbursals of animals by Uta-mišaram

	Cultic	Individuals	E'uzga	Kitchen	Others
ġiri₃/maškim					
A-a-kal-la muhaldim			y		
A-tu sagi	x				
Arad ₂ -ġu ₁₀				x	

²⁰⁹⁷ Arad₂-ġu₁₀: OIP 121 514:2 (AS 7 ii 20).

²⁰⁹⁸ Da-da gala: Erm 07614:4 (AS 7 xii 21).

²⁰⁹⁹ Lugal-ma₂-gur₈-re: OIP 121 514:4 (AS 7 ii 20); Erm 07614:2 (AS 7 xii 21).

²¹⁰⁰ Šar-ru-um-ba-ni šakkan₆: Nisaba 8 161:2 (AS 7 i 20).

²¹⁰¹ Ur-^dNin-gublaga nar: Erm 07614:6 (AS 7 xii 21).

²¹⁰² e₂ uz-ga: Erm 07614:8 (AS 7 xii 21).

²¹⁰³ e₂ muhaldim: MVN 13 540:4 (AS 6 iv 4).

²¹⁰⁴ e₂ muhaldim, mu gar₃-du ^dAmar-^dEN.ZU-ke₄-ne-še₃: Erm 14572:4 (AS 7 iv 18); OIP 121 515 (AS 7 v 2); OIP 121 516:6 (AS 7 vii 22); SACT 1 159:5 (AS 7 vii 23); MVN 2 332:4 (AS 7 ix 11); BIN 3 138:13 (AS 7 xi 7); AUCT 3 459:5 (AS 8 iii 26).

²¹⁰⁵ KA-izi-še₃: BPOA 7 2486:3 (AS 7 ii 6); TCND 252:9 (AS 7 ii).

²¹⁰⁶ ba-šur₂ mu-du-lum-še₃: Ontario 1 113:2-3 (AS 8 ii 20); BPOA 7 2643:2-3 (AS 8 vii 18); JCS 52 39 31:8 (AS 8 vii 30).

²¹⁰⁷ Tu-ra-am-^dDa-gan i₃-dab₅: PPAC 4 27:3 (AS 5 ii 13). For the relationship between Uta-mišaram and Turam-Dagan, see Hilgert 2003: 75. For Turam-Dagan, see Chapter 4.2.

ġiri₃/maškim	Cultic	Individuals	E'uzga	Kitchen	Others
DIĠIR-dan sukkal				x	
^d En-lil ₂ -zi-ša ₃ -ġal ₂	x				
Li-i ₃ -si-in			x		
^d Šul-gi-iri-ġu ₁₀					y
Ta ₂ -hi-iš-a-tal ra ₂ -gaba		x			
U ₂ -ta ₂ -mi-šar-ra-am	x	x			
Ur- ^d Ba-u ₂ muhaldim					xy
Ur-sa ₆ -ga lu ₂ -luh-mu ₁₃ -mu ₁₃	y				

4.1.1.7 Formulary

The following 16 types of formulae are attested in the disbursements of animals by Uta-mišaram for cultic purposes (bazi A39, A42, A95-99), for different individuals (bazi C7-8), for the E'uzga (bazi D11), for the “kitchen” (bazi E1, E51), and for other purposes (bazi K8, K15, K22-23) (see Table 4.2).

Table 4.2 Formulae attested in the disbursals of animals by Uta-mišaram

Type	Component	Formula	Commentary	Example
bazi A39	1-2-8-4	S, DN siskur ₂ gu-la PN maškim	animals with one maškim official for one deity at the “Great-rite”	CST 355:1-3,8
bazi A42	1-2-4	S, DN PN maškim	animals with one maškim official for one deity	SACT 1 161:1-5
bazi A95	1-2-8-4	<u>S</u> , DN eš ₃ -eš ₃ e ₂ -u ₄ -sakar lugal ku ₄ -ra	animals with royal presence for two or more deities at the New-Moon-festival	JCS 52 39 31:1-6
bazi A96	1-2-7-5-4	S, a-tu ₅ -a lugal ša ₃ GN ġiri ₃ PN PN maškim	animals for the royal lustration rite at GN with one ġiri ₃ and one maškim official	BCT 1 87:1-5
bazi A97	1-2-4-8-4	S, a-tu ₅ -a DN lugal ku ₄ -ra ezem gu ₄ -si-su PN maškim	animals for the lustration rite of DN with the royal presentation, at the <i>gusisu</i> -festival with one maškim official	CST 355:4-8
bazi A98	1-2-8-4	S1, DN1 S2, gu-za DN1 ša ₃ e ₂ DN1 S3, DN2	animals for DN1, throne of DN1, at the temple of DN1; animals for DN2, at the New-Moon-festival, with one maškim official	TRU 346:1-14

Type	Component	Formula	Commentary	Example
		eš ₃ -eš ₃ e ₂ -u ₄ -sakar PN maškim		
bazi A99	1-2-4	S, eš ₃ -eš ₃ e ₂ -u ₄ -15 PN maškim	animals for Full-Moon-festival, with one maškim official	UDT 174:1-4
bazi C7	1-2-4	S, PN PN maškim	animals with one maškim official for one individual	Nisaba 8 161:1-3
bazi C8	1-2-4	S, PN PN maškim	animals with one maškim official for two or more individuals	OIP 121 514:1-5
bazi D11	1-2-5-4	S, e ₂ uz-ga ġiri ₃ PN PN maškim	animals with one ġiri ₃ and one maškim official for the E'uzga	Erm 07614:7-10
bazi E1	1-2	S šu-gid ₂ e ₂ muhaldim-še ₃	animals with the šu-gid-contingent for the "kitchen"	MVN 13 540:1-4
bazi E51	1-2-4	S šu-gid ₂ e ₂ muhaldim mu gar ₃ -du ^d Amar- ^d EN.ZU-ke ₄ -ne-še ₃ PN maškim	animals as the šu-gid-contingent to the "kitchen" for GAR ₃ .DU people of Amar-Suen, with one maškim official	Erm 14572:1-5
bazi K8	1-2	S <i>iti u₄ N ba-zal</i> PN i ₃ -dab ₅	PN received/took animals <i>at the Nth day</i>	PPAC 4 27:1-3
bazi K15	1-2-4	S, KA-izi-še ₃ PN maškim	animals for producing meat, with one maškim	BPOA 7 2486:1-4
bazi K22	1-2-5	S, KA-izi-še ₃ ša ₃ -ġiš ġiri ₃ PN	animals with one ġiri ₃ official for making the roasted meat	TCND 252:8-10
bazi K23	1-2-5	S, mu-du-lum-še ₃ ġiri ₃ PN	animals for (producing) preserved meat, with one ġiri ₃ official	Ontario 1 113:1-4

4.1.1.8 Brief summary

The total of number of animals, which Uta-mišaram disbursed (ba-zi), is listed as follows (see Table 4.3):

Destination	Ox	Sheep	Goat	Subtotal
Cultic	2	12+	7	21+
Individual	0	7	3	10
E'uzga	0	0	4	4
Kitchen	0	30	22	52
Others	0	6	1	7
Total:	2	55+	37	94+

4.1.2 The expenditure (šu ba-ti) of dead animals accepted by Šulgi-iriĝu

Between AS 5 i 15 and AS 9 i 25²¹⁰⁸, Uta-mišaram expended (šu ba-ti) 204 dead animals accepted by Šulgi-iriĝu. Among them, there are two sheep and four goats designated as new-born (ša₃ u₃-tu-da), four sheep and three goats designated as old (ša₃ libir), one sheep at Wataltum (ša₃ Wa-ta₂-al-tum) and one goat designated as residue (ša₃ dah-hu). It is noted that between AS 5 i and AS 6 iii, one ĝiri₃-official, either Dan-Šulgi, or Duga the cook, or Epiri, or Puzur-Enlil, or Puzur-Eštar, or Šulgi-mišar, was responsible for the transaction of dead animals from Uta-mišaram to Šulgi-iriĝu; however, since then, the ĝiri₃-official almost disappeared with two recurrences²¹⁰⁹.

Moreover, the monthly distribution of dead animals accepted by Šulgi-iriĝu from Uta-mišaram is listed as follows (see Table 4.4):

Table 4.4 Monthly distribution of dead animals accepted by Šulgi-iriĝu from Uta-mišaram

	i	ii	iii	iv	v	vi	vii	viii	ix	x	xi	xii	Sum
AS 5	1	2	1	1	0	6	1	4	0	0	0	5	21
AS 6	0	8	4	8	7	0	3	4	1	7	9	4	55
AS 7	6	0	0	1	3	3	8	7	8	12	2	54	104
AS 8	2	0	6	3	2	0	0	0	0	3	0	0	16
AS 9	8												8

From the above chart, some conclusions can be drawn. First, the highest number of dead animals accepted by Šulgi-iriĝu lies in AS 7 xii, followed by AS 7 x. Second, the highest annual number of dead animals lies in AS 7, followed by AS 6. Third, the gap month of dead animals accepted by Šulgi-iriĝu lies in AS 5 v, ix-xi, AS 6 i, vi, AS 7 ii-iii and AS 8 ii, vi-ix, xi-xii.

²¹⁰⁸ ki U₂-ta₂-mi-šar-ra-am-ta, ^dŠul-gi-iri-ĝu₁₀ šu ba-ti: OIP 121 505 (AS 5 i 15); PPAC 4 92 (AS 5 ii 8); TRU 228 (AS 5 ii 23); MVN 4 73 (AS 5 iii 10); MVN 15 349 (AS 5 iii X); Nisaba 8 296 (AS 5 iv 7); OIP 121 506 (AS 5 vi 9); TRU 229 (AS 5 vi 10); OIP 121 507 (AS 5 vi 13); MVN 13 76 (AS 5 vi 14); BPOA 6 653 (AS 5 vi 28); Nisaba 8 300 (AS 5 vii 14); BIN 3 123 (AS 5 viii 3); MVN 13 61 (AS 5 viii 4); SACT 1 91 (AS 5 viii 8); Hirose 208 (AS 5 viii 10); Nisaba 8 160 (AS 5 xii 5); OIP 121 508 (AS 5 xii 10); CTNMC 15 (AS 5 xii 27); MVN 5 114 (AS 6 ii 1); Erm 14863 (AS 6 ii 15); TCND 344 (AS 6 ii 17); Erm 14613 (AS 6 ii 30); Princeton 1 112 (AS 6 iii 1); PPAC 4 35 (AS 6 iii 7); BPOA 6 686 (AS 6 iii 12); BPOA 6 563 (AS 6 iv 1); OIP 121 509 (AS 6 iv 12); Hirose 230 (AS 6 iv 20); NYPL 78 (AS 6 v 16); OIP 121 510 (AS 6 v 22); SACT 1 93 (AS 6 v 23); STD 23 (AS 6 v 14); Hirose 234 (AS 6 vii 3); MVN 13 77 (AS 6 vii 13); ASJ 12 42 12 (AS 6 vii 25); NYPL 33 (AS 6 viii 9); BIN 3 468 (AS 6 viii 21); SACT 1 94 (AS 6 viii 25); Erm 14574 (AS 6 ix 5); BIN 3 293 (AS 6 x 3); Hirose 239 (AS 6 x 9); Nisaba 8 348 (AS 6 x 27); SET 32 (AS 6 x 28); PDT 2 1154 (AS 6 xi 2); Nisaba 8 282 (AS 6 xi 5); OIP 121 511 (AS 6 xi 7); OIP 121 512 (AS 6 xi 9); AuOr Suppl.11 131 (AS 6 xi 10); TCND 352 (AS 6 xi 12); Nisaba 8 265 (AS 6 xii 8); TCND 355 (AS 6 xii 12); OIP 121 513 (AS 6 xii 16); South Dakota 33 (AS 7 i 2); Hirose 248 (AS 7 i 4); PDT 1 159 (AS 7 i 20); AuOr Suppl.11 133 (AS 7 i 22); TCND 356 (AS 7 i 24); PPAC 4 287 (AS 7 iv -); ASJ 9 271 80 (AS 7 v 4); Hirose 256 (AS 7 v 24); Hirose 259 (AS 7 vi 27); Hirose 260 (AS 7 vii 7); Hirose 262 (AS 7 vii 20); OIP 121 517 (AS 7 vii 29); PDT 2 1117 (AS 7 viii 5); Santag 7 72 (AS 7 viii 19); TCND 361 (AS 7 viii 23); Nisaba 8 220 (AS 7 ix 1); Hirose 266 (AS 7 ix 2); PDT 2 1081 (AS 7 ix 22); Hirose 268 (AS 7 ix 28); AAICAB 1/2 pl.120 1967-1496 (AS 7 x 9); NYPL 275 (AS 7 x 13); Hirose 270 (AS 7 x 21); TCND 362 (AS 7 x 26); PPAC 4 46 (AS 7 x 28); Hirose 271 (AS 7 xi 11); Hirose 272 (AS 7 xi 17); PPAC 4 121 (AS 7 xii -); Hirose 273 (AS 7 xii 2); SET 34 (AS 7 xii 10); BPOA 6 864 (AS 7 xii 16); Hirose 275 (AS 7 xii 17); OIP 121 518 (AS 7 xii 19); Hirose 277 (AS 7 xii 25); NYPL 108 (AS 7 xii 29); Nebraska 13 (AS 7 X 13); Hirose 278 (AS 8 i 11); TCND 366 (AS 8 iii 3); CST 377 (AS 8 iii 21); BCT 1 10 (AS 8 iii 22); BPOA 7 2619 (AS 8 iv 4); OIP 121 519 (AS 8 iv 14); Hirose 285 (AS 8 v 5); BPOA 7 2709 (AS 8 x 5); Hirose 295 (AS 9 i 20); PPAC 4 52 (AS 9 i 25); PPAC 4 122 (AS X X -).

²¹⁰⁹ Puzur-Eštar, Nisaba 8 348 (AS 6 x 27); Puzur-Enlil, TCND 352 (AS 6 xi 12).

Lastly, the following 12 types of formulae (sbt001, sbt005, sbt007-sbt016) are attested in the transactions of dead animals from Uta-mišaram to Šulgi-iriĝu. Except for one type of formula (sbt001), the others bear the additional elements (i.e. ša₃ u₃-tu-da, ša₃ Wa-ta₂-al-tum, ša₃ libir, ša₃ dah-hu, ĝiri₃ PN, kišib PN).

sbt001:	sbt005:	sbt007:	sbt008:
S	S	S	S
ba-uš ₂ /ug ₇	ba-uš ₂ /ug ₇	ba-uš ₂ /ug ₇	ba-uš ₂ /ug ₇
u ₄ N-kam	ki B-ta	u ₄ N-kam	u ₄ N-kam
ki B-ta	PN šu ba-(an)-ti	ĝiri ₃ PN	ki B-ta
PN šu ba-ti	kišib PN	ki B-ta	PN šu ba-ti
M/Y	M/Y	PN šu ba-ti	ĝiri ₃ PN
		M/Y	M/Y
sbt009:	sbt010:	sbt011:	sbt012:
<u>S, ĝiri₃ PN</u>	S	S	S, ĝiri ₃ PN
ba-uš ₂ /ug ₇	ba-uš ₂ /ug ₇ ša ₃ u ₃ -tu-da	ba-uš ₂ /ug ₇ ša ₃ u ₃ -tu-da	ba-uš ₂ /ug ₇ ša ₃ u ₃ -tu-da
u ₄ N-kam	u ₄ N-kam	u ₄ N-kam	u ₄ N-kam
ki B-ta	ki B-ta	ĝiri ₃ PN	ki B-ta
PN šu ba-ti	PN šu ba-ti	ki B-ta	PN šu ba-ti
M/Y	ĝiri ₃ PN	PN šu ba-ti	M/Y
	M/Y	M/Y	
sbt013:	sbt014:	sbt015:	sbt016:
S, ša ₃ Wa-ta ₂ -al-tum	S	S	S
ba-uš ₂ /ug ₇	ba-uš ₂ /ug ₇ ša ₃ libir	ba-uš ₂ /ug ₇ ša ₃ libir	ba-uš ₂ /ug ₇ ša ₃ dah-hu
u ₄ N-kam	u ₄ N-kam	u ₄ N-kam	u ₄ N-kam
ĝiri ₃ PN	ĝiri ₃ PN	ki B-ta	ĝiri ₃ PN
ki B-ta	ki B-ta	PN šu ba-ti	ki B-ta
PN šu ba-ti	PN šu ba-ti	ĝiri ₃ PN	PN šu ba-ti
M/Y	M/Y	M/Y	M/Y

4.1.3 The expenditure (i₃-dab₅) of animals transferred to bureaus

Uta-mišaram transferred (i₃-dab₅) animals to Intaea, the official of the “central bureau” (5 sheep, 39 goats)²¹¹⁰, and to six officials of the subordinate bureaus of the Puzriš-Dagan organization: Ahu-Wer (1 sheep)²¹¹¹, Lu-saga (3 oxen)²¹¹², Nalu (2 sheep, 26 goats)²¹¹³, Šu-Mama

²¹¹⁰ SCU 4 (AS 7 i 21). For Intaea, see Chapter 2.4.

²¹¹¹ Nik 2 500 (AS 6 xi 28). For Ahu-Wer, see Chapter 3.2.2.

²¹¹² PDT 2 1122 (AS 7 x, bala šabra Uri₅^{ki}-ma-ke₄-ne-ka ba-an-zi “bala-duty of temple perfects of Ur withdrawn”); PDT 2 1161 (AS 7 xii, bala Arad₂-ĝu₁₀ ensi₂ Ĝir₂-su^{ki}-ka ba-an-zi “bala-duty of Aradĝu governor of Girsu withdrawn”).

²¹¹³ BCT 1 49 (AS 7 x 29); Hirose 258 (AS 7 vi 11).

(4 sheep, 25 goats)²¹¹⁴, Tah(i)š-atal (139 sheep, 43 goats)²¹¹⁵ and Turam-Dagan (1 sheep)²¹¹⁶.

The following six types of formulae are attested in the transfers of animals from Uta-mišaram to the above-mentioned bureaus (see Table 4.5).

Table 4.5 _ Formulae attested in the transfers of animals from Uta-mišaram

Type	Formula	Example
idab001	S, u ₄ N-kam, ki B-ta, PN i ₃ -dab ₅ , MY	BCT 1 49
idab041	S, bala PN-ka ba-an-zi, ki B-ta, PN i ₃ -dab ₅ , MY	PDT 2 1122
idab167	S, iti u ₄ N ba-zal, ki B-ta, PN i ₃ -dab ₅ , MY	Nik 2 500
idab168	S, u ₄ N-kam, šu-niġin ₂ , ki B-ta, PN i ₃ -dab ₅ , MY	PDT 1 345
idab169	S šu-gid ₂ , iti u ₄ N ba-zal, ki B-ta, PN i ₃ -dab ₅ , MY	P412631
idab170	S, ki B-ta, PN i ₃ -dab ₅ , zi-zi-de ₃ , MY	Nik 2 491

4.1.4 The pisan dub-ba-labels issued by Uta-mišaram

Two texts, BIN 3 283 dated AS 6 xii and CST 390 dated AS 8 xii, are the pisan dub-ba-labels.

The cuneiform inscription of both labels read as follows:

Obverse

- | | |
|--|--|
| 1. pisan dub-ba | (Reed) tablet basket, |
| 2. E ₂ ^{tum} | “house”: |
| 3. saġ-niġ ₂ -gur ₁₁ -ra | (tablets recording) the business capital |
| 4. u ₃ zi-ga | and withdrawal(s) |
| 5. U ₂ -ta ₂ -mi-šar-ra-am | from Uta-mišaram |
| 6. iti maš-da ₃ -gu ₇ -ta | from the month mašda-gu (i) |

Reverse

- | | |
|--|--------------------------------|
| 7. iti še-KIN-ku ₅ -še ₃ | to the month še-KIN-ku (xii) – |
| 8. iti 12-kam | that is 12 months – of the |
| 9. mu ... | year: ... |
| 10. i ₃ -ġal ₂ | are in it. |

4.1.5 Summary

4.1.5.1 Between AS 5 ii 13 and AS 8 xi 25, Uta-mišaram expended (ba-zi) 94+ animals for cultic purposes, different individuals, the E’uzga, the “kitchen”, making meat and transferring to a bureau.

4.1.5.2 Between AS 5 i 15 and AS 9 i 25, Uta-mišaram expended (šu ba-ti) 204 dead animals

²¹¹⁴ Nik 2 491 (AS 6 iv 18); BIN 3 279 (AS 6 iv 19).

²¹¹⁵ PDT 1 345 (AS 5 iv); StLouis 116 (AS 6 xii 22).

²¹¹⁶ PDT 1 21 (AS 5 iv 6).

which were accepted by Šulgi-iriĝu.

4.1.5.3 Uta-mišaram transferred (i_3 -dab₅) 288 animals to seven bureaus of the Puzriš-Dagan organization.

4.2 The Bureau of Turam-Dagan

The administrative documents issued by the bureau of Turam-Dagan date between AS 4 xii 27²¹¹⁷ and AS 6 vii²¹¹⁸, mostly in AS 5. His administrative activities can be divided into the following categories:

1. The expenditure (ba-zi) of animals for the “kitchen” and transferring to a bureau.
2. The expenditure (šu ba-ti) of dead animals accepted by Šulgi-iriĝu.
3. Dealing with new-born (u₃-tu-da) animals

4.2.1 The expenditure (ba-zi) of animals

Between AS 6 iii 10 and AS 6 iii 22, Turam-Dagan expended (ba-zi) animals for the “kitchen” (see 4.2.1.1) and transferring to a bureau (see 4.2.1.2).

4.2.1.1 For the “kitchen”

In AS 6 iii 22, Turam-Dagan expended (ba-zi) six goats designated as the šu-gid-contingent for the “kitchen”²¹¹⁹.

4.2.1.2 For transferring to a bureau

In AS 6 iii 10, Turam-Dagan expended (ba-zi) one sheep and two goats which were transferred (i₃-dab₅) to Ahu-Wer, the official of the naGaBtum branch (Twin B)²¹²⁰.

4.2.1.3 Formulary

The following two types of formulae are attested in the disbursements of animals by Turam-Dagan for the “kitchen” (bazi E1) and for other purposes (bazi K8) (see Table 4.6).

Table 4.6 Formulae attested in the disbursements of animals by Turam-Dagan

Type	Component	Formula	Commentary	Example
bazi E1	1-2	S šu-gid ₂ e ₂ muhaldim-še ₃	animals with the šu-gid-contingent for the “kitchen”	Hirose 229:1-3
bazi K8	1-2	S <i>iti u₄ N ba-zal</i> PN i ₃ -dab ₅	PN received/took animals <i>at the Nth day</i>	OIP 121 528:1-5

4.2.2 The expenditure (šu ba-ti) of dead animals accepted by Šulgi-iriĝu

Between AS 4 xii 27 and AS 6 vii²¹²¹, Turam-Dagan expended (šu ba-ti) 66 dead animals

²¹¹⁷ PPAC 4 20 (AS 4 xii 27).

²¹¹⁸ NYPL 354 (AS 6 vii).

²¹¹⁹ šu-gid₂ e₂ muhaldim-še₃: Hirose 229:3 (AS 6 iii 22).

²¹²⁰ A-hu-We-er i₃-dab₅: OIP 121 528:4-5 (AS 6 iii 10). For Ahu-Wer, see Chapter 3.2.2.

²¹²¹ ki Tu-ra-am-^dDa-gan-ta, ^dŠul-gi-iri-ĝu₁₀ šu ba-ti: PPAC 4 20 (AS 4 xii 27); BCT 1 138 (AS 5 i -); PDT 2 1131 (AS 5 i 10); OIP 121 520 (AS 5 ii 19); AUCT 1 214 (AS 5 iv 12); USC 6782 (AS 5 iv 30); BPOA 6 44 (AS 5 v 13);

which were accepted by Šulgi-iriĝu. Among them, there are 17 new-born (u₃-tu-da) animals, 19 old (ša₃ libir) animals and one animal designated as “saddle hook” (ša₃ dag-si). Moreover, before the date AS 5 v, the administrative documents that mention the transactions of dead animals from Turam-Dagan to Šulgi-iriĝu frequently bear the term ša₃ Nibru^{ki} “at Nippur”, while the term disappeared after AS 5 v. What is more, one ĝiri₃-official who was identified as the equestrian, either Itua or Niĝ-mumukalle, occurred in these transactions. The monthly distribution of dead animals accepted from Turam-Dagan by Šulgi-iriĝu is listed as follows (see Table 4.7):

Table 4.7 Monthly distribution of dead animals accepted from Turam-Dagan by Šulgi-iriĝu

Date	i	ii	iii	iv	v	vi	vii	viii	ix	x	xi	xii	Sum
AS 4												4	4
AS 5	8	1	0	4	1	1	5	4	2	1	6	21	54
AS 6	0	2	4	0	1	0	1						8

The chart illustrates that the whole amount of dead animals expended by Turam-Dagan is not so high. Secondly, the highest number of dead animals accepted by Šulgi-iriĝu lies in AS 5 xii, next to AS 5 i. Thirdly, the gap month of dead animals accepted by Šulgi-iriĝu lies in AS 5 iii, AS 6 i, vi. Notably, apart from sheep and goats, Šulgi-iriĝu also accepted three dead gazelles (maš-da₃) from Turam-Dagan.

There are 19 types of formulae attested in the transactions of dead animals from Turam-Dagan to Šulgi-iriĝu. Apart from the primary elements, namely S “animals”, ba-uš₂/ba-ug₇ “dead”, u₄ N-kam/iti u₄ N ba-zal (day date formula), ki Tu-ra-am-^dDa-gan-ta “from Turam-Dagan”, ^dŠul-gi-iri-ĝu₁₀ šu ba-ti “Šulgi-iriĝu received (it/them)”, and Month/Year date formula, which were attested in the primary formula sbt001, the additional elements attested in other 19 types of formulae are ĝiri₃ PN “ĝiri₃-function”, kišib PN “sealed by PN”, ša₃ dag-si “saddle hook”, ša libir “old”, ša₃ Nibru^{ki} “at Nippur”, and ša₃ u₃-tu-da “new-born”. Note that the term ba-uš₂/ug₇ “dead” is not attested in two types (sbt030, sbt031)²¹²². These formulae are given below (see Table 4.8):

Table 4.8 Formulae of the acceptations of dead animals by Šulgi-iriĝu from Turam-Dagan

sbt001:	sbt010:	sbt011:	sbt014:	sbt017:
S	S	S	S	<u>S, ĝiri₃ PN</u>
ba-uš ₂ /ug ₇	ba-uš ₂ /ug ₇	ba-uš ₂ /ug ₇	ba-uš ₂ /ug ₇	ba-uš ₂ /ug ₇

TCND 339 (AS 5 vi 26); OIP 121 521 (AS 5 vii 3); BPOA 6 865 (AS 5 vii 10); OIP 121 522 (AS 5 vii 12); CST 327 (AS 5 vii 27); JCS 52 38 24 (AS 5 viii 13); OIP 121 523 (AS 5 viii 14); OIP 121 524 (AS 5 viii 21); HS 2289 (AS 5 ix 19); OIP 121 525 (AS 5 x 15); OIP 121 526 (AS 5 xi 2); TRU 230 (AS 5 xi 8); SACT 1 92 (AS 5 xi 10+); TCND 341 (AS 5 xi 22); Erm 07886 (AS 5 xii 5); CST 459 (AS 5 xii 11); OIP 121 527 (AS 5 xii 17); TCND 342 (AS 5 xii 18); TCND 343 (AS 5 xii 19); CST 338 (AS 5 xii 22); TRU 227 (AS 5 xii 27); Nisaba 8 262 (AS 6 ii 14); OIP 121 529 (AS 6 iii 21); PDT 2 1067 (AS 6 iii 29); MVN 2 322 (AS 6 v 14); NYPL 354 (AS 6 vii); ASJ 9 271 82 (AS X ii 12); PDT 2 1024 (AS X xi 22).

²¹²² JCS 52 38 24 (AS 5 viii 13); TCND 343 (AS 5 xii 19). There are two possibilities: one is that the animals attested in the two formulae are not dead but living; the other is that the scribe forgot or omitted to add the term ba-uš₂/ug₇ to designate animals. Note also that in the text JCS 52 38 24, the Register 5 should be transliterated and restored as ĝiri₃ I-t[u-a (...)], not ĝiri₃ I-sa[r-pa-dan] (see Owen and Wasilewska 2000: 9), on the basis of the paralleled texts.

u ₄ N-kam ki B-ta PN šu ba-ti MY	ša₃ u₃-tu-da u ₄ N-kam ki B-ta PN šu ba-ti ĝiri₃ PN MY	ša₃ u₃-tu-da u ₄ N-kam ĝiri₃ PN ki B-ta PN šu ba-ti MY	ša₃ libir u ₄ N-kam ĝiri₃ PN ki B-ta PN šu ba-ti MY	ša₃ libir u ₄ N-kam ki B-ta PN šu ba-ti MY
sbt018: S ba-uš ₂ /ug ₇ ša₃ libir u ₄ N-kam ki B-ta PN šu ba-ti MY	sbt019: S iti u ₄ N ba-zal ba-uš ₂ /ug ₇ ki B-ta PN šu ba-ti ĝiri₃ PN ša₃ Nibru^{ki} MY	sbt020: S ba-uš ₂ /ug ₇ u ₄ N-kam ki B-ta PN šu ba-ti ĝiri₃ PN ša₃ Nibru^{ki} MY	sbt021: S ša₃ u₃-tu-da ba-uš ₂ /ug ₇ u ₄ N-kam ki B-ta PN šu ba-ti ĝiri₃ PN ša₃ Nibru^{ki} MY	sbt022: S u₃-tu-da S ba-uš ₂ /ug ₇ ki B-ta PN šu ba-ti ĝiri₃ PN ša₃ Nibru^{ki} MY
sbt023: <u>S, ĝiri₃ PN</u> ba-uš ₂ /ug ₇ ša₃ libir u ₄ N-kam ki B-ta PN šu ba-ti ša₃ Nibru^{ki} MY	sbt024: S ba-uš ₂ /ug ₇ ša₃ libir u ₄ N-kam ki B-ta PN šu ba-ti ĝiri₃ PN ša₃ Nibru^{ki} MY	sbt025: S ba-uš ₂ /ug ₇ ša₃ libir u ₄ N-kam ĝiri₃ PN ki B-ta PN šu ba-ti ša₃ Nibru^{ki} MY	sbt026: S ša₃ dag-si ba-uš ₂ /ug ₇ iti u ₄ N ba-zal ki B-ta PN šu ba-ti ĝiri₃ PN ša₃ Nibru^{ki} MY	sbt027: S zah₃ dara₄ uš ₂ ki B-ta PN šu ba-ti kišib PN MY
sbt028: S1 ša₃ libir S2 ša₃ u₃-tu-da ba-uš ₂ /ug ₇ u ₄ N-kam ĝiri₃ PN ki B-ta PN šu ba-ti MY	sbt029: S1 ša₃ libir S2 ša₃ u₃-tu-da ba-uš ₂ /ug ₇ u ₄ N-kam ki B-ta PN šu ba-ti ĝiri₃ PN MY	sbt030: S1 ša₃ libir S2 ša₃ u₃-tu-da u ₄ N-kam ĝiri₃ PN ki B-ta PN šu ba-ti MY	sbt031: S1 ša₃ libir S2 ša₃ u₃-tu-da u ₄ N-kam ĝiri₃ PN ki B-ta PN šu ba-ti ša₃ Nibru^{ki} MY	

4.2.3 Dealing with new-born (u₃-tu-da) animals

One text BPOA 7 2963, dated AS 6 xii, mentions that Turam-Dagan received (i_3 -dab₅) 103 new-born lambs (u_3 -tu-da), which utilized the formula utuda006: S, u_3 -tu-da, PN i_3 -dab₅, iti M1-ta, iti M2-še₃, iti N-kam, Y “animals, new-born, PN received, from Month 1 to Month 2, it is Nth month, year”.

4.2.4 Summary

4.2.4.1 Between Day 10 and Day 22 of AS 6 iii, Turam-Dagan expended (ba-zi) nine animals for the “kitchen” and transferring to Ahu-Wer.

4.2.4.2 Between AS 4 xii 27 and AS 6 vii, Turam-Dagan expended (šu ba-ti) 66 dead animals accepted by Šulgi-iriĝu, which were recorded with many formulae.

4.3 The Bureau of Tah(i)š-atal

The administrative documents issued by the bureau of Tah(i)š-atal date between AS 6 vi 9²¹²³ and SS 3 iv 4²¹²⁴, which spans three and a half years during the reign of Amar-Suen. In addition, the administrative activities of Tah(i)š-atal can be divided into the following categories:

1. The expenditure (ba-zi) of animals for cultic purposes, one individual and the E'uzga.
2. The expenditure (šu ba-ti) of dead animals accepted by Šulgi-iriġu.
3. The expenditure (i₃-dab₅) of animals transferred to Duga
4. The pisan dub-ba-labels

4.3.1 The expenditure (ba-zi) of animals

Between AS 7 ii 15 and AS 9 xii 22, Tah(i)š-atal expended (ba-zi) animals for cultic purposes (see 4.3.1.1), for one individual (see 4.3.1.2) and for the E'uzga (see 4.3.1.3).

4.3.1.1 For cultic purposes

Tah(i)š-atal expended (ba-zi) animals for four deities: Enlil²¹²⁵, Nanna²¹²⁶, Ninlil²¹²⁷ and Nin-tinugga²¹²⁸. Also, he expended (ba-zi) animals for the throne²¹²⁹.

4.3.1.2 For an individual

Tah(i)š-atal expended (ba-zi) one ox for Ilallum²¹³⁰. Notably, Tah(i)š-atal did not expend (ba-zi) animals for foreigners.

4.3.1.3 For the E'uzga

Tah(i)š-atal expended (ba-zi) animals to be roasted to the E'uzga for A'a-kala²¹³¹.

4.3.1.4 The ġiri₃- and/or maškim official

There are two maškim officials: Nanna-palil the cupbearer who was responsible for the disbursements of animals by Tah(i)š-atal for cultic purposes, and Uta-mišaram who was responsible for the disbursements of animals by Tah(i)š-atal for one individual.

4.3.1.5 Formulary

The following three types of formulae are attested in the disbursements of animals by Tah(i)š-

²¹²³ OIP 121 533 (AS 6 vi 9).

²¹²⁴ BIN 3 231 (SS 3 iv 4): ki Ta₂-hi-iš-a-tal-ta, Du₁₁-ga i₃-dab₅ “from Tah(i)š-atal, Duga took over”. For this PN, there are two spellings: Dah/Tah-ša-tal and Da/Ta₂-hi-iš-a-tal, which is a Hurrian name (see Salvini 1998: 100 note 1, and Steinkeller 1998: 91). The latest reference to Tah-ša-tal is AUCT 3 152 (SS 3 ii): ki Tah-ša-tal-ta, Du₁₁-ga i₃-dab₅. Furthermore, the latest reference to the individual Tah(i)š-atal related to the non-animals is PDT 1 583 (SS 6 vi): ki Ta₂-hi-iš-a-tal-ta ba-zi “from Tah(i)š-atal, withdrawn”, which belongs to the Shoe's Archive.

²¹²⁵ ^dEn-lil₂: MVN 13 110:3 (AS 9 xii 12); KM 89231:3 (AS 9 xii 22).

²¹²⁶ ^dNanna: MVN 13 110:10 (AS 9 xii 12).

²¹²⁷ ^dNin-lil₂: MVN 13 110:9 (AS 9 xii 12); KM 89231:6 (AS 9 xii 22).

²¹²⁸ ^dNin-tin-ug₅-ga: MVN 13 110:12 (AS 9 xii 12).

²¹²⁹ ^dgu-za: MVN 13 110:4 (AS 9 xii 12).

²¹³⁰ I₃-lal₃-lum: OIP 121 537:2 (AS 7 ii 15).

²¹³¹ KA-izi-še₃, e₂ uz-ga, ki A-a-kal-la: OIP 121 541 (AS 9 xi 1); Princeton 1 87 (AS 9 xi 3).

atal for cultic purposes (bazi A100), for the individuals (bazi C7) and for the E'uzga (bazi D12) (see Table 4.9).

Table 4.9 Formulae attested in the disbursals of animals by Tah(i)š-atal

Type	Component	Formula	Commentary	Example
bazi A100	1-2-7-4	S1, DN	animals as <i>šageguru</i> -offering for	MVN 13 110:1-15
		S2, ^d gu-za	deities and throne, with one maškim	
		S3	official	
		ša ₃ e ₂ DN1		
		S4, DN		
		ša ₃ e ₂ DN2		
		ša ₃ -ge guru ₇ -a		
		PN maškim		
bazi C7	1-2-4	S, PN	animals with one maškim official for	OIP 121 537:1-3
		PN maškim	one individual	
bazi D12	1-2-6	S, KA-izi-še ₃	animals roasted to E'uzga for PN	OIP 121 541:1-4
		e ₂ uz-ga		
		ki PN		

4.3.2 The expenditure (šu ba-ti) of dead animals accepted by Šulgi-iriĝu

Between AS 6 vi 9 and AS 8 xii 4²¹³², Tah(i)š-atal expended (šu ba-ti) 19 dead animals (1 ox, 14 sheep, 4 goats) which were accepted by Šulgi-iriĝu. The monthly distribution of dead animals accepted by Šulgi-iriĝu from Tah(i)š-atal is listed as follows (see Table 4.10):

Table 4.10 Monthly distribution of dead animals accepted by Šulgi-iriĝu from Tah(i)š-atal

	i	ii	iii	iv	v	vi	vii	viii	ix	x	xi	xii	Sum
AS 6						2	0	0	1	0	1	1	5
AS 7	0	0	1	0	0	0	0	0	1	0	0	1	3
AS 8	0	0	2	1	0	1	1	0	1	0	4	1	11

The chart illustrates that the sum of dead animals expended by Tah(i)š-atal is extremely low. In most cases he expended a single animal which was accepted by Šulgi-iriĝu in each transaction. Moreover, the gap month of dead animals accepted by Šulgi-iriĝu occurred in AS 6 vii-viii, x, AS 7 i-ii, iv-viii, x-xi, AS 8 i-ii, v, viii, x; the largest gap of five months occurred in AS 7 iv-viii. Only one formula (sbt001) is attested in the transactions of dead animals from Tah(i)š-atal to Šulgi-iriĝu.

²¹³² ki Ta₂-hi-iš-a-tal-ta / ki Tah-ša-tal-ta, ^dšul-gi-iri-ĝu₁₀ šu ba-ti: OIP 121 533 (AS 6 vi 9); OIP 121 534 (AS 6 vi 24); OIP 121 535 (AS 6 ix 3); PDT 1 6 (AS 6 xi 22); OIP 121 536 (AS 6 xii 4); TCND 358 (AS 7 iii 7); OIP 121 538 (AS 7 ix 3); Nisaba 8 349 (AS 7 xii 27); Hirose 280 (AS 8 iii 14); BPOA 7 2996 (AS 8 iii 28); Hirose 284 (AS 8 iv 22); OIP 121 540 (AS 8 vi 1); AuOr Suppl.11 136 (AS 8 vii 26); BPOA 7 2730 (AS 8 ix 10); CST 387 (AS 8 xi 2); Orient 16 49 35 (AS 8 xi 28); Nisaba 8 361 (AS 8 xii 4).

4.3.3 The expenditure (i₃-dab₅) of animals transferred to Duga

Between AS 9 ii and AS 9 xii diri, Tah(i)š-atal transferred (i₃-dab₅) 95 animals to Duga²¹³³, the official of the “central bureau” of the Puzriš-Dagan organization.

4.3.4 The pisan dub-ba-labels issued by Tah(i)š-atal

Two texts BCT 1 120 dated AS 6 xii and OIP 121 539 dated AS 7 xii are the pisan dub-ba-labels issued by Tah(i)š-atal. The content of the label BCT 1 120 can be found from another same-day text AuOr Suppl.11 93, which mentions the expenditure (ba-zi) of 36 dead animals by Tah(i)š-atal.

4.3.5 Summary

4.3.5.1 Between AS 7 ii 15 and AS 9 xii 22, Tah(i)š-atal expended (ba-zi) 15 animals for cultic purposes, Ilallum and the E’uzga.

4.3.5.2 Between AS 6 vi 9 and AS 8 xii 4, Tah(i)š-atal expended (šu ba-ti) 19 dead animals accepted by Šulgi-iriġu.

4.3.5.3 Between AS 9 ii and AS 9 xii diri, Tah(i)š-atal also transferred (i₃-dab₅) 95 animals to Duga.

Accordingly, the total number of animals that Tah(i)š-atal expended (ba-zi, šu ba-ti, i₃-dab₅) is not so high.

²¹³³ ki Ta₂-hi-iš-a-tal-ta, Du₁₁-ga i₃-dab₅: PDT 1 404 (AS 9 ii-xii d). For Duga, see Chapter 2.5.

5 The Tummal branch

During the reign of Amar-Suen, there is only one official, En-diġirġu (see Section 5.1), at the Tummal branch.

5.1 En-diġirġu

The administrative documents issued by the bureau of En-diġirġu, the official of the Tummal branch, date between Š 44 i²¹³⁴ and SS 1 viii²¹³⁵, which spans the entire reign of Amar-Suen. Furthermore, the administrative activities issued by En-diġirġu can be divided into the following categories:

1. The expenditure (ba-zi, zi-ga) of animals for cultic purposes, members of the royal household, different individuals, the “kitchen” and feeding dogs.
2. The expenditure (šu ba-ti) of dead animals accepted by Ur-niġar/Šulgi-iriġu.
3. The expenditure (i₃-dab₅) of animals transferred to bureaus and individuals
4. The receipt (i₃-dab₅) of new-born (u₃-tu-da) animals
5. The pisan dub-ba-label²¹³⁶

5.1.1 The expenditure (ba-zi, zi-ga) of animals

Between AS 1 viii 17 and AS 9 xii diri 23, En-diġirġu expended (ba-zi, zi-ga)²¹³⁷ animals for cultic purposes (see 5.1.1.1), for members of the royal household (see 5.1.1.2), for different individuals (see 5.1.1.3), for the “kitchen” (see 5.1.1.4) and for feeding dogs (see 5.1.1.5).

5.1.1.1 For cultic purposes

En-diġirġu expended (ba-zi, zi-ga) animals for the following deities: Dagan-Išhara²¹³⁸, Enlil²¹³⁹, Enlil-Ninlil²¹⁴⁰, Enme-Šara²¹⁴¹, Inana²¹⁴², Ištaran²¹⁴³, Nanna²¹⁴⁴/Suen²¹⁴⁵, Ninlil²¹⁴⁶ and

²¹³⁴ The earliest extant reference to the bureau of En-diġirġu in relation to Tummal dates to Š 44 i 18 (BPOA 6 557): ša₃ Tum-ma-al, ki En-diġir-ġu₁₀-ta, Ur-ni₉-ġar šu ba-ti. However, the earliest extant reference to the bureau of En-diġirġu related to animals dates to Š 33 ii (PDT 1 498): ki En-diġir-ġu₁₀-ta, Igi-an-na-ke₄-zu i₃-dab₅. Moreover, the earliest extant reference to the bureau of En-diġirġu related to non-animals dates to Š 26 xi (USC 6624): ki En-diġir-ġu₁₀-ta, ^dNin-lil₂-ama-ġu₁₀ šu ba-ti.

²¹³⁵ Princeton 2 439 (SS 1 viii X): ki En-diġir-ġu₁₀-ta ba-zi.

²¹³⁶ CST 340 (AS 5 xii).

²¹³⁷ Two types of terms, ki En-diġir-ġu₁₀-ta ba-zi ša₃ Tum-ma-al “from En-diġirġu, withdrawn at Tummal” and zi-ga ša₃ Tum-ma-al ki En-diġir-ġu₁₀ “withdrawal of En-diġirġu at Tummal”, are attested in the disbursements (ba-zi, zi-ga) of animals issued by En-diġirġu.

²¹³⁸ ^dDa-gan u₃ ^dIš-ha-ra: AUCT 3 83:2-4 (AS 9 xii d 15).

²¹³⁹ ^dEn-lil₂: RA 49 88 11:2 (AS 4 ii 21); UCP 9-2-1 82:4 (AS 9 xii d 23).

²¹⁴⁰ ^dEn-lil₂ ^dNin-lil₂: MVN 1 124:4 (AS 1 viii 17); MVN 15 199:3 (AS 5 viii 12); Erm 14683:2 (AS 6 viii 10); OIP 121 470:4 (AS 6 viii 26); CDLJ 2012/1 4.38:4 (AS 6 viii 29); SACT 1 160:2,6 (AS 7 viii 1); SumRecDreh 17:2,7 (AS 7 viii 2); MVN 20 28:2 (AS 7 viii 5); PDT 2 1170:2,6 (AS 7 viii 7); ASJ 4 67 14:2,6 (AS 7 viii 14); HUCA 29 77 6:2,6 (AS 7 viii 16); MVN 15 244:2,6 (AS 7 viii 20); JCS 39 122 6:3 (AS 7 viii 23); OIP 121 472:2,7 (AS 7 viii

Ninurta²¹⁴⁷. Also, he expended (ba-zi, zi-ga) animals for the *Egagi*-temple of the “holy mound”²¹⁴⁸, for the bathing ritual of Nintinugga²¹⁴⁹, for the “White-Mound”²¹⁵⁰, for the “Cedar-Mound”²¹⁵¹, for the throne²¹⁵², for the *Hursaġgalamma*²¹⁵³ and for the “(cultic)-peg”²¹⁵⁴.

5.1.1.2 For members of the royal household

En-diġirġu expended (ba-zi, zi-ga) animals for the king (Amar-Suen)²¹⁵⁵ and Šelepputum, the daughter of Amar-Suen²¹⁵⁶.

5.1.1.3 For different individuals

En-diġirġu expended (ba-zi, zi-ga) animals for the following 10 foreigners:

Ebla:	Ili-Dagan ²¹⁵⁷
Harši:	Adda-gina ²¹⁵⁸ , Marhuni ²¹⁵⁹
Hibilat:	Ithap-atal ²¹⁶⁰

25); OIP 121 474:2-3 (AS 7 ix 4); PDT 1 489:2,6 (AS 8 viii 7); OIP 121 475:2,10 (AS 8 viii 16); Ontario 1 86:3-4 (AS 8 xii 25, u₄ Ki-na-at-Nu-nu um-me-da Ta₂-din-Eš₁₈-tar₂ e₂^dNin-lil₂-la₂-še₃ i₃-im-ġen-na-a “when Kinat-Nunu dry-nurse of Taddin-Eštar went to the temple of Ninlil”).

²¹⁴¹ ^dEn-me-ša-ra: HUCA 29 77 6:10 (AS 7 viii 16).

²¹⁴² ^dInana: ZA 80 28:8 (AS 5 viii 3); MVN 15 199:8 (AS 5 viii 12); CDLJ 2012/1 4.38:9 (AS 6 viii 29); SumRecDreh 17:12 (AS 7 viii 2); MVN 20 28:9 (AS 7 viii 5); ASJ 4 67 14:10 (AS 7 viii 14); MVN 3 235:5-6 (AS 7 viii 29); OIP 121 475:16 (AS 8 viii 16).

²¹⁴³ ^dIštaran: OIP 121 475:14 (AS 8 viii 16); AUCT 3 85:5 (AS 9 xii d 18,19, mu dumu-munus Ur-^dEn-lil₂-la₂-še₃ “on behalf of daughter of Ur-Enlil”).

²¹⁴⁴ ^dNanna: MVN 1 124:5 (AS 1 viii 17); MVN 15 199:4 (AS 5 viii 12); Erm 14683:4 (AS 6 viii 10); OIP 121 470:6 (AS 6 viii 26); CDLJ 2012/1 4.38:5 (AS 6 viii 29); SACT 1 160:3,7 (AS 7 viii 1); SumRecDreh 17:3,8 (AS 7 viii 2); MVN 20 28:3 (AS 7 viii 5); PDT 2 1170:3,7 (AS 7 viii 7); ASJ 4 67 14:3,7 (AS 7 viii 14); HUCA 29 77 6:3,7 (AS 7 viii 16); MVN 15 244:3,7 (AS 7 viii 20); JCS 39 122 6:4 (AS 7 viii 23); OIP 121 472:3,8 (AS 7 viii 25); PDT 1 489:3,8 (AS 8 viii 7); OIP 121 475:4,12 (AS 8 viii 16).

²¹⁴⁵ ^dEN.ZU: MVN 15 199:7 (AS 5 viii 12, e₂-u₄-sakar “Crescent-Moon-festival”); CDLJ 2012/1 4.38:8 (AS 6 viii 29, e₂-u₄-sakar); MVN 20 28:8 (AS 7 viii 5, e₂-u₄-7 “Seventh-Day-festival”); MVN 3 235:4 (AS 7 viii 29, e₂-sakar).

²¹⁴⁶ ^dNin-lil₂: RA 9 48 SA 99:1’ (AS 3 vi); RA 49 88 11:5 (AS 4 ii 21, ezem gu₄-si-su “*gusisu*-festival”); Nisaba 8 131:4 (AS 5 xii 29); TCND 403:3 (AS 6 iii 29); AUCT 1 694:4 (AS 7 v); TCND 203:2 (AS 7 viii 1); BPOA 7 2505:4 (AS 8 i 29); PDT 2 1189:3 (AS 8 iii 29); UCP 9-2-1 82:11 (AS 9 xii d 23). For the phrase sa₂-du₁₁^dNin-lil₂-la₂ “regular offering for Ninlil”, see Liu 2014.

²¹⁴⁷ ^dNin-urta: OIP 121 475:5 (AS 8 viii 16).

²¹⁴⁸ e₂-ga-a[?]-gi₄ du₆-ku₃¹-ga: ZA 80 28:7 (AS 5 viii 3). For this term e₂-ga-a[?]-gi₄ “(a temple or a sacred edifice within the temple)”, see Klein 1990: 30.

²¹⁴⁹ a-tu₅-a^dNin-tin-ug₅-ga: SACT 1 160:10-11 (AS 7 viii 1).

²¹⁵⁰ du₆-babbar₂: HUCA 29 77 6:9 (AS 7 viii 16). For the term du₆-babbar₂ „Weißer Hügel“, see Such-Gutiérrez 2003: 122.

²¹⁵¹ du₆-^{ġis}eren: MVN 3 235:1 (AS 7 viii 29). For the term du₆-^{ġis}eren „Zedernholzhügel“, see Such-Gutiérrez 2003: 122.

²¹⁵² ^dgu-za: UCP 9-2-1 82:5 (AS 9 xii d 23).

²¹⁵³ Hur-saġ-ga-lam-ma: UCP 9-2-1 82:6 (AS 9 xii d 23).

²¹⁵⁴ kak-gu-la₂: MVN 3 235:9 (AS 7 viii 29). For the term kak-gu-la₂ „Pflock, (an den) gebunden ist“, see Such-Gutiérrez 2003: 125.

²¹⁵⁵ sa₂-du₁₁ lugal “regular offering for king”: AR RIM 1 22:11 (AS 4 ix). ki lugal-še₃ ku₄-ra “entering into royal place”: TCND 253:2-3 (AS 7 vi 4).

²¹⁵⁶ Še-le-pu-tum dumu-munus lugal: ZA 80 28:27 (AS 5 viii 3). For this individual, see Klein 1990.

²¹⁵⁷ I₃-li₂-^dDa-gan lu₂ Eb-la^{ki}: Erm 14683:9 (AS 6 viii 10); OIP 121 470:4’ (AS 6 viii 26); CDLJ 2012/1 4.38:3’ (AS 6 viii 29).

²¹⁵⁸ Ad-da-gi-na ensi₂ Ha-ar-ši^{ki}: MVN 15 199:12 (AS 5 viii 12).

²¹⁵⁹ Ma-ar/Mar^{ar}-hu-ni lu₂ Ha-ar-ši^{ki}: MVN 1 124:12 (AS 1 viii 17); Erm 14683:6 (AS 6 viii 10); OIP 121 470:2’ (AS 6 viii 26); CDLJ 2012/1 4.38:1’ (AS 6 viii 29); MVN 20 28:14 (AS 7 viii 5); PDT 2 1170:16 (AS 7 viii 7); ASJ 4 67 14:16 (AS 7 viii 14); HUCA 29 77 6:18 (AS 7 viii 16).

²¹⁶⁰ It-ha-pa₂-tal lu₂ Hi-bi₂-la-at^{ki}: Erm 14683:7 (AS 6 viii 10); OIP 121 470:3’ (AS 6 viii 26); CDLJ 2012/1 4.38:2’

Marhaši:	messenger of Arwilugbi ²¹⁶¹ , messenger of son of Arwilugbi ²¹⁶² , Libanašgubi ²¹⁶³
Rimuš:	A'abba'a ²¹⁶⁴
Šimanum:	Bušam ²¹⁶⁵
Zidahri:	Dunğa'at (or Danğa'at) ²¹⁶⁶

Apart from foreigners, En-diġirġu also expended (ba-zi, zi-ga) animals for the following 13 individuals: Aradġu²¹⁶⁷, Dada the lamentation singer²¹⁶⁸, Geme-barag-siga²¹⁶⁹, Ilallum²¹⁷⁰, Kubatum the dry-nurse of ME-Ištaran²¹⁷¹, Lugal-magure²¹⁷², Masasa (the cup-bearer)²¹⁷³, Nawer-ilum the doctor²¹⁷⁴, Papan-šen²¹⁷⁵, Ur-mes the singer²¹⁷⁶, Ur-Ningublaga (the singer)²¹⁷⁷, Zazi (the general)²¹⁷⁸ and the *Lumah*-priest of Inana²¹⁷⁹.

5.1.1.4 For the “kitchen”

5.1.1.4.1 En-diġirġu expended (ba-zi, zi-ga) animals for the “kitchen”, when Lu-balasaga the officer “poured beer” for the king, they (animals) were used as a compensation for the meat of his (Lu-balasaga’s) sheep²¹⁸⁰.

5.1.1.4.2 En-diġirġu expended (ba-zi, zi-ga) animals to the “kitchen” for runners²¹⁸¹.

5.1.1.4.3 En-diġirġu expended (ba-zi, zi-ga) animals to the “kitchen” for the GAR₃.DU people²¹⁸².

(AS 6 viii 29).

²¹⁶¹ lu₂-kin-gi₄-a Ar-wi!(BI)-lu-ug-bi lu₂ Mar-ha-ši^{ki}: MVN 1 124:8-9 (AS 1 viii 17).

²¹⁶² lu₂-kin-gi₄-a dumu Ar-wi!(BI)-lu-ug-bi lu₂ Mar-ha-ši^{ki}: MVN 1 124:10-11 (AS 1 viii 17).

²¹⁶³ Li-ba-an-aš-gu-bi lu₂-kin-gi₄-a Li-ba-nu-ug-ša-ba-aš ensi₂ Mar^{ar}-ha-ši^{ki}: ZA 80 28:11 (AS 5 viii 3); MVN 15 199:10 (AS 5 viii 12).

²¹⁶⁴ A-ab-ba-a ensi₂ Ri-muš^{ki}: JCS 39 122 6:10 (AS 7 viii 23); OIP 121 472:15 (AS 7 viii 25).

²¹⁶⁵ Bu-ša-am lu₂ Ši-ma-num^{ki}: ZA 80 28:13 (AS 5 viii 3); MVN 15 199:11 (AS 5 viii 12).

²¹⁶⁶ Dan/Dun-ġa₂-a-at lu₂ Zi-da-ah-ri^{ki}: SACT 1 160:14 (AS 7 viii 1); SumRecDreh 17:15 (AS 7 viii 2); MVN 20 28:12 (AS 7 viii 5); PDT 2 1170:14 (AS 7 viii 7); HUCA 29 77 6:16 (AS 7 viii 16).

²¹⁶⁷ Arad₂-ġu₁₀: ZA 80 28:16 (AS 5 viii 3). For the name Arad₂-ġu₁₀ identical with Arad₂-^dNanna “a chancellor, who later on held many titles, and exercised control over most of the peripheral area of the Ur III empire, from Urbilum in the North-West to Pašime in the South-East”, see Steinkeller 1987: 26 and Klein 1990: 31.

²¹⁶⁸ Da-da gala: PDT 2 1170:11 (AS 7 viii 7, u₄ lugal na-KAB-tum mu-niġin₂-na-a “when king returned the naGaBtum branch”).

²¹⁶⁹ Geme₂-barag-si-ga lu₂ siskur₂-ra: MVN 3 235:21 (AS 7 viii 29). For this name, see Michalowski 2006: 57.

²¹⁷⁰ I₃-lal₃-lum: ZA 80 28:17 (AS 5 viii 3).

²¹⁷¹ [Ra[?]/Ku₈-b]a-tum um-me-da [M]E-Ištaran dumu lugal: OIP 121 470:8 (AS 6 viii 26). For this name, see Hilgert 2003: 65-66.

²¹⁷² Lugal-ma₂-gur₈-re: ZA 80 28:18 (AS 5 viii 3).

²¹⁷³ Ma₂-sa₆-sa₆ (sagi): ZA 80 28:22 (AS 5 viii 3); JCS 39 122 6:8 (AS 7 viii 23).

²¹⁷⁴ Na-we-er-DIĠIR a-zu: MVN 15 244:20-21 (AS 7 viii 20, u₄ uru-ni-še₃ i₃-ġen-na-a “when he went to his city”); JCS 39 122 6:15 (AS 7 viii 23). Na-me-er a-zu: ZA 80 28:20 (AS 5 viii 3). For the name Na-me-er identical with Na-we-er-DIĠIR, see Klein 1990: 31. For Nawer-ilum the doctor, see Kleinerman 2011.

²¹⁷⁵ Pa₂-pa₂-an-še-en: ZA 80 28:19 (AS 5 viii 3).

²¹⁷⁶ Ur-mes nar: ZA 80 28:23 (AS 5 viii 3).

²¹⁷⁷ Ur-^dNin-gublaga: ZA 80 28:21 (AS 5 viii 3). This individual is definitely entitled as the singer (nar).

²¹⁷⁸ Za-zi (šakkan₆): HUCA 29 77 6:13 (AS 7 viii 16); MVN 15 244:11 (AS 7 viii 20); JCS 39 122 6:13 (AS 7 viii 23).

²¹⁷⁹ lu₂-mah ^dInana Ġir₂-su^{ki}: MVN 1 124:6 (AS 1 viii 17). For the term lu₂-mah „Lumah-Priester“, see Such-Gutiérrez 2003: 209.

²¹⁸⁰ e₂ muhaldim, u₄ Lu₂-bala-sa₆-ga nu-banda₃ lugal-ra kaš in-na-ni-de₂-a uzu udu-na ki-ba ba-a-ġa₂-ar: OIP 121 472:12 (AS 7 viii 25). For this phrase, see Hilgert 2003: 66.

²¹⁸¹ e₂ muhaldim, mu kaš₄-e-ne-še₃: MVN 15 244:15 (AS 7 viii 20).

²¹⁸² e₂ muhaldim, mu gar₃-du-e-ne-še₃: MVN 3 235:13 (AS 7 viii 29); MVN 15 244:18 (AS 7 viii 20); Nisaba 8

5.1.1.4.4 En-diġirġu expended (ba-zi, zi-ga) animals to the “kitchen” for the military governors²¹⁸³.

5.1.1.4.5 En-diġirġu expended (ba-zi, zi-ga) animals to the “kitchen” for the military governors sitting down for a banquet²¹⁸⁴.

5.1.1.4.6 En-diġirġu expended (ba-zi, zi-ga) animals to the “kitchen” for Naplanum, the Amorite²¹⁸⁵.

5.1.1.5 For feeding dogs

En-diġirġu expended (ba-zi, zi-ga) animals for feeding dogs. These animals were accepted (šu ba-ti) by Ilallum²¹⁸⁶.

5.1.1.6 The ġiri₃- and/or maškim official

The ġiri₃- and/or maškim officials, who were responsible for the disbursements of animals by En-diġirġu for various destinations, are listed as follows (see Table 5.1):

Table 5.1 _ Distribution of ġiri₃ or/and maškim officials responsible for the disbursals of animals by En-diġirġu

ġiri ₃ /maškim	Culic	Royal	Individuals	Kitchen	Dog
A-hu-ni sagi	y				
A-tu sagi	y				
^d Amar- ^d EN.ZU-na-engar- ^d En-lil ₂ sagi	x				
Arad ₂ -ġu ₁₀	x		x	x	
Bu-ša-am sukkal			y		
DIGIR-dan sukkal			x		
^d En-lil ₂ -zi-ša ₃ -ġal ₂	x				
Ha-ni sukkal			y		
Lu ₂ - ^d Da-mu sukkal			y		
^d Nanna-i ₃ -gi sukkal			y		
^d Nanna-kam sukkal			y	y	
^d Nanše-ul ₄ -gal	x				
Nu-ur ₂ - ^d EN.ZU sagi	y				
Pa ₂ -pa ₂ -an-še-en	x		x		
PU ₃ ^{u2} .ŠA-am sukkal			y		

159:5 (AS 7 xi 23); PDT 1 489:13 (AS 8 viii 7).

²¹⁸³ e₂ muhaldim, mu šakkan₆-e-ne-še₃: MVN 3 235:11 (AS 7 viii 29).

²¹⁸⁴ e₂ muhaldim, mu šagina ġišbun_x(KI.BI) tuš-ša-ne-še₃: OIP 121 470:11 (AS 6 viii 26). For the clause mu šagina ġišbun_x(KI.BI) tuš-ša-ne-še₃ “for the military governors sitting down for a banquet”, see Hilgert 2003: 66.

²¹⁸⁵ e₂ muhaldim, mu Na-ap-la-num₂ mar-tu-še₃: Erm 14683:12 (AS 6 viii 10).

²¹⁸⁶ ba-ug₇ mu ur-ġir₁₅-ra-še₃, l₃-lal₃-lum šu ba-ti: MVN 13 49 (AS 6 iii); PPAC 4 44:5-7 (AS 7 iv); PDT 2 1128:4-6 (AS 7 vii); OIP 121 473:4-6 (AS 7 viii); PDT 2 1088:4-6 (AS 8 vi); BPOA 6 78:4-6 (AS 9 i).

	Cultic	Royal	Individuals	Kitchen	Dog
ġiri ₃ /maškim					
Ra-ab-hu-ti sukkal			y		
Šu- ^d Šul-gi sukkal			y		
^d Šul-gi-iri-ġu ₁₀				x	
U ₂ -ta ₂ -mi-šar-ra-am			x		
Ur- ^d Ba-u ₂ muhaldim				x	
Ur- ^d Dumu-zi-da sukkal			y		
Ur- ^d Lamma sagi	x				
Ur-šar-ru-gen ₇ sukkal			x	x	
^d Utu-du ₁₀ sukkal		x			

5.1.1.7 Formulary

The following 23 types of formulae are attested in the disbursements of animals by En-diġirġu for cultic purposes (bazi A34, A43, A48, A101-108), for members of the royal household (bazi B37-38), for different individuals (bazi C8, C37, C61, C64-65), for the “kitchen” (bazi E35, E64-66), and for feeding dogs (bazi H4) (see Table 5.2).

Table 5.2 Formulae attested in the disbursements of animals by En-diġirġu

Type	Comp.	Formula	Commentary	Example
bazi A34	1-2	S sa ₂ -du ₁₁ DN	animals as regular offering for one deity	Nisaba 8 131:1-4
bazi A43	1-2-4	S, DN PN maškim	animals with one maškim official for one deity	MVN 1 124:1-7
bazi A48	1-2-8-6-4	S, DN siskur ₂ ša ₃ e ₂ -gal mu PN-še ₃ PN maškim	animals with one maškim official for one deity, for the rite at the palace, on behalf of PN	AUCT 3 85:1-7
bazi A101	1-2-9-4	S, DN u ₄ PN e ₂ DN-še ₃ i ₃ -im- ġen-na-a PN maškim	animals with one maškim official for more deities, when PN went to temple of DN	Ontario 1 86:1-9
bazi A102	1-2-8	S, DN ezem gu ₄ -si-su	animals for two or more deities for the <i>gusisu</i> -festival	RA 49 88 11:1-6
bazi A103	1-2-5-4	S, DN ġiri ₃ PN PN maškim	animals with one ġiri ₃ official and one maškim official for more deities	ZA 80 28:1-10
bazi A104	1-2-4	S, siskur ₂ DN ša ₃ e ₂ -gal PN maškim	animals with one maškim official for one deity, for the rite at the palace	MVN 20 28:9-10

Type	Comp.	Formula	Commentary	Example
bazi A105	1-2-4	S, siskur ₂ ki ⁴ EN.ZU e ₂ -u ₄ -7 PN maškim	animals for the rite of Suen with one maškim official	MVN 20 28:6-8,10
bazi A106	1-2-4	S, siskur ₂ ki ⁴ EN.ZU e ₂ -u ₄ -sakar PN maškim	animals for the rite of Suen with one maškim official	CDLJ 2012/1 4.38:6-8,10
bazi A107	1-2-4	<u>S1, DN1, a₂-ĝi₆-ba-a</u> <u>S2, DN2, a₂-u₄-te-na</u> lugal ku ₄ -ra	animals for more deities, with royal presentation	SACT 1 160:1-9
bazi A108	1-2-5-4	S, a-tu ₅ -a DN ĝiri ₃ PN PN maškim	animals for the royal lustration rite with one ĝiri ₃ and one maškim official	SACT 1 160:10-12,16
bazi B37	1-2	S1 šu-a-gi-na PN1 i ₃ -dab ₅ S2 šu-a-gi-na S3 KA-izi-še ₃ niĝ ₂ -diri PN2 i ₃ -dab ₅ sa ₂ -du ₁₁ lugal	animals as šuagina-offering and for meat, as the surplus offerings, animals received by PN, as regular offering for the king	AR RIM 1 22:1-11
bazi B38	1-2	S, ki lugal-še ₃ ku ₄ -ra	animals brought for the king	TCND 253:1-2
bazi C8	1-2-4	<u>S, PN</u> PN maškim	animals with one maškim official for two or more individuals	MVN 1 124:8-13
bazi C37	1-2-5-4	S, PN ĝiri ₃ PN PN maškim	animals with one ĝiri ₃ official and one maškim official for PN	SACT 1 160:13-16
bazi C61	1-2-5-4	<u>S, PN1, ĝiri₃ PN</u> PN maškim	animals with more ĝiri ₃ and one maškim official for PN1	ZA 80 28:11-15
bazi C64	1-2-9-4	S, PN u ₄ lugal na-KAB-tum mu-niĝin ₂ -na-a PN maškim	animals for PN, when king went to naGaBtum, with one maškim official	PDT 2 1170:10-12
bazi C65	1-2-12-4	S, PN u ₄ uru-ni-še ₃ i ₃ -ĝen-na-a PN maškim	animals with one maškim official for one individual, when he/she went to his/her city	MVN 15 244:19-22
bazi E35	1-2	S šu-gid ₂ e ₂ muhaldim-(še ₃) mu gar ₃ -du-e-ne-še ₃	animals as the šu-gid-contingent to the “kitchen” for GAR ₃ .DU people	Nisaba 8 159:1-5
bazi E64	1-2-4	S, e ₂ muhaldim mu šakkan ₆ gišbun _x (KI.BI) tuš-ša-ne-še ₃ PN maškim	animals to the “kitchen” for the military governors sitting down for a banquet, with one maškim official	OIP 121 470:10-12
bazi E65	1-2-4	S, e ₂ muhaldim	animals to the “kitchen” for PN, with	Erm 14683:11-13

Type	Comp.	Formula	Commentary	Example
		mu PN-še ₃ PN maškim	one maškim official	
bazi E66	1-2-4	S1 mu šakkan ₆ -e-ne-še ₃ S2 mu gar ₃ -du-e-ne-še ₃ e ₂ muhaldim PN maškim	animals to the “kitchen” for the military governors, with one maškim official	MVN 3 235:10-15
bazi H4	1-2-6	S ba-ug ₇ mu ur-(gir ₁₅)-ra-še ₃ PN šu ba-ti	dead animals for dogs, PN received	MVN 13 49:1-6

5.1.1.8 Brief summary

The total of number of animals, which En-diğirġu disbursed (ba-zi, zi-ga), is listed as follows (see Table 5.3):

Table 5.3 Statistics of the number of animals disbursed by En-diğirġu

Destination	Ox	Sheep	Goat	Subtotal
Cultic	4	277+	78+	359+
Royal	0	9	0	9
Individual	0	59+	9+	68+
Kitchen	0	54+	38	92+
Dog	0	118	23	141
Total:	4	517+	148+	669+

5.1.2 The expenditure (šu ba-ti) of dead animals accepted by Ur-niġar/Šulgi-iriġu

5.1.2.1 The administrative activities

En-diğirġu expended (šu ba-ti) 169 dead animals which were accepted by Ur-niġar between AS 1 ii 23 to AS 3 i 26²¹⁸⁷, and by Šulgi-iriġu in AS 3 i 9 and between AS 3 vi 20 and AS 9 viii 16²¹⁸⁸.

²¹⁸⁷ ki En-diğir-ġu₁₀-ta, Ur-niġ-ġar šu ba-ti: Hirose 89 (AS 1 ii 23); AUCT 1 469 (AS 1 iii 2); MVN 13 63 (AS 1 iiii 24); OIP 121 467 (AS 1 iv 3); BPOA 6 730 (AS 1 vii 5); Nisaba 8 174 (AS 1 ix 20); MVN 13 65 (AS 1 x 18); MVN 13 64 (AS 1 x 21); Hirose 98 (AS 1 xi 5); PPAC 4 246 (AS 1 xii 12); BRM 342 (AS 1); TCND 312 (AS 2 ii 25); BIN 3 524 (AS 2 iv 5); Hirose 121 (AS 2 vii 22); Hirose 129 (AS 2 xi 14); Hirose 137 (AS 3 i 26).

²¹⁸⁸ ki En-diğir-ġu₁₀-ta, ^dŠul-gi-iri-ġu₁₀ šu ba-ti: TCND 327 (AS 3 i 9); ASJ 19 205 16 (AS 3 vi 20); JCS 52 37 18 (AS 3 vi 25); Knox 1 (AS 3 viii 13); BPOA 7 2989 (AS 3 viii 16); BPOA 7 2704 (AS 3 ix 12); PDT 2 1137 (AS 3 ix 15); JCS 52 37 19 (AS 3 ix 25); SAT 2 762 (AS 3 xii 8); Nisaba 8 339 (AS 3 xii 20); Hirose 147 (AS 3 xiid 18); JCS 40 107 1 (AS 4 i 16); TCND 332 (AS 4 i 23); RA 79 27 19 (AS 4 i 24); ASJ 16 105 2 (AS 4 ii 8); PDT 2 1023 (AS 4 ii 10); Erm 07781 (AS 4 ii 15); BPOA 6 56 (AS 4 iiii 5); SAT 2 776 (AS 4 v 29); PPAC 4 59 (AS 4 vi 8); SA 15 (AS 4 vi 9); BPOA 7 2977 (AS 4 vi 13); KM 89325 (AS 4 vii 10); Nisaba 8 316 (AS 4 viii 12); Hirose 163 (AS 4 viii 20+); OIP 121 468 (AS 4 ix 19); ASJ 11 325 14 (AS 4 xi 21); Hirose 197 (AS 5 v 3); Hirose 219 (AS 6 i 7); MVN 13 491 (AS 6 i 12); TRU 231 (AS 6 i 22); PDT 2 1149 (AS 6 i 23); PDT 1 398 (AS 6 ii -); Nisaba 8 330 (AS 6 ii 9); Hirose 223 (AS 6 ii 23); Hirose 226 (AS 6 iii 4); Hirose 227 (AS 6 iiii 5); Nisaba 8 363 (AS 6 v 5); Fs

Between AS 1 and AS 6, almost all administrative documents that record the transactions of dead animals from En-diġirġu to Ur-niġar/Šulgi-iriġu bear the term ša₃ Tum-ma-al^(ki) “at Tummal”; however, from the beginning of AS 7 until AS 9, this term was not recorded any more. The possible reason is either that this term was omitted or simplified, or that En-diġirġu left the Tummal branch.

The monthly distribution of dead animals (169) accepted by Ur-niġar/Šulgi-iriġu from En-diġirġu is listed as follows (see Table 5.4):

Table 5.4. Monthly distribution of dead animals accepted by Ur-niġar/Šulgi-iriġu from En-diġirġu

	i	ii	iii	iv	v	vi	vii	viii	ix	x	xi	xii	Sum
AS 1		1	7	1	0	0	2	0	3	7	2	4	27
AS 2	0	2	0	3	0	0	2	0	0	0	2	0	9
AS 3	7	0	0	0	0	2	0	3	4	0	0	3	19
AS 4	3	4	1	0	2	6	1	5	1	0	2	0	25
AS 5	0	0	0	0	1	0	0	0	0	0	0	0	1
AS 6	6	19	2	0	1	4	3	1	2	3	5	2	48
AS 7	3	3	3	4	0	0	2	1	0	1	3	4	24
AS 8	0	0	1	2	0	0	0	0	1	0	1	1	6
AS 9	0	3	0	1	0	2	0	4					10

From the above chart, some conclusions can be drawn. First, the monthly number of dead animals is not high. Second, the highest annual number of dead animals lies in AS 6, and the monthly highest number of dead animals also occurs in the second month of AS 6. Third, there are a lot of gaps, such as AS 1 v-vi, viii, AS 2 i, iii, v-vi, viii-x, xii, AS 3 ii-v, vii, x-xi, AS 4 iv, x, xii, AS 5 i-iv, vi-xii, AS 6 iv, AS 7 v-vi, ix, AS 8 i-ii, v-viii, x, AS 9 i, iii, v, vii. Note that in AS 5, only one animal was attested in the transactions of dead animals from En-diġirġu to Šulgi-iriġu.

Graefe 213 (AS 6 vi 3); OIP 121 469 (AS 6 vi 12); PDT 2 1116 (AS 6 vi 24); Hirose 233 (AS 6 vii 2); Hirose 235 (AS 6 vii 10); PDT 2 1349 (AS 6 viii 14); TCND 349 (AS 6 ix 21); TCND 350 (AS 6 x 9); Hirose 240 (AS 6 x 27); SAT 2 993 (AS 6 xi 1); Nisaba 8 323 (AS 6 xi 5); Hirose 241 (AS 6 xi 15); Hirose 242 (AS 6 xi 25); Hirose 243 (AS 6 xii 1); YOS 15 160 (AS 6 xii 10); Hirose 249 (AS 7 i 5); PPAC 4 41 (AS 7 i 25); PPAC 4 42 (AS 7 i 27); MVN 13 80 (AS 7 ii 15); OIP 121 471 (AS 7 ii 21); AuOr Suppl.11 143 (AS 7 iii 4); MVN 13 83 (AS 7 iii 11); SAT 2 1061 (AS 7 iv 9); PDT 1 152 (AS 7 iv 16); Nisaba 8 364 (AS 7 vii 9); Hirose 263 (AS 7 vii 28); ASJ 9 271 81 (AS 7 viii 19); Hirose 269 (AS 7 x 4); MVN 13 81 (AS 7 xi 11); Princeton 1 115 (AS 7 xi 24); Hirose 274 (AS 7 xii 13); Hirose 276 (AS 7 xii 19); BWath 6 45 5 (AS 7 xii 26); Nisaba 8 354 (AS 7 xii 30); Nisaba 8 338 (AS 8 iii 5); BPOA 7 2713 (AS 8 iv 3); BPOA 7 3009 (AS 8 ix 1); CST 389 (AS 8 xi 17); Hirose 292 (AS 8 xii 27); SET 35 (AS 9 ii 10); CST 392 (AS 9 iv 12); BPOA 7 2747 (AS 9 vi 1); AR RIM 4 23 (AS 9 viii 16). Notably, nine undated texts, AUCT 1 865 (- i 22), TRU 391 (- iii 6), Nisaba 8 365 (- iii 22), Hirose 4 (- iii 25), Nasha Diss 32 Kansas 1 (- v 17), PPAC 4 101 (- vii 22), Hirose 9 (- ix 11), BJRL 64 109 60 (XX iii 1) and AUCT 1 728 (XX X 30), all of which record the transactions of dead animals from En-diġirġu to Šulgi-iriġu, are considered to be the reign of Amar-Suen. The reasons are as follows: first, the official Šulgi-iriġu, who accepted dead animals from the subordinate bureaus of the Puzriš-Dagan organization, cannot be dated to Šulgi's reign, when it was Ur-niġar who accepted dead animals; second, these documents can also not date to Šu-Suen's reign, because only two extant documents issued by En-diġirġu are available dating to the reign of Šu-Suen, neither of which record the transactions of dead animals from En-diġirġu to Šulgi-iriġu. Accordingly, on the basis of the above reasons, it is certain that the nine undated texts date to Amar-Suen's reign. However, the reason why they did not record the year date formula is unclear.

5.1.2.2 Formulary

The following four types of formulae (sbt001, sbt006, sbt032 and sbt033) are attested in the transactions of dead animals from En-diġirġu to Ur-niġar/Šulgi-iriġu. Among these formulae, the formula sbt006 is attested between AS 1 and AS 6. The formula sbt001 is attested between AS 7 and AS 9 (added AS 6 xi 25). Furthermore, the formulae, sbt032 and sbt033, each is only attested in one text, PDT 1 398 (AS 6 ii) and BRM 3 42 (AS 1), respectively. These formulae are given below:

sbt001	sbt006	sbt032	sbt033
S	S	S	S
ba-uš ₂ /ug ₇	ba-uš ₂ /ug ₇	ba-uš ₂ /ug ₇	ba-uš ₂ /ug ₇
u ₄ N-kam	u ₄ N-kam	ša ₃ Tum-ma-al	ša ₃ Tum-ma-al
ki B-ta	ša ₃ Tum-ma-al ^(ki)	ki B-ta	ki B-ta
PN2 šu ba-ti	ki B-ta	PN2 šu ba-ti	PN1 šu ba-ti
M/Y	PN šu ba-ti	kišib PN	Y
	M/Y	M/Y	

5.1.3 The expenditure (i₃-dab₅) of animals transferred to bureaus and individuals

Between AS 5 iii 13 and AS 9 xii diri, En-diġirġu transferred (i₃-dab₅) 320 animals (319 sheep, 1 goat) to six officials of the subordinate bureaus of the Puzriš-Dagan organization: Duga²¹⁸⁹, Lu-saga²¹⁹⁰, Nalu²¹⁹¹, Šu-Mama²¹⁹², Turam-Dagan²¹⁹³ and Uta-mišaram²¹⁹⁴, and to one dignitary, Ur-Lisi the governor of Umma²¹⁹⁵.

The following seven types of formulae are attested in the transfers of animals from En-diġirġu to bureaus and individual(s) (see Table 5.5).

Table 5.5 Formulae attested in the transfers of animals from En-diġirġu

Type	Formula	Example
idab001	S, u ₄ N-kam, ki B-ta, PN i ₃ -dab ₅ , MY	TCND 110
idab002	S, ki B-ta, PN i ₃ -dab ₅ , MY	OIP 121 476
idab031	S, ki B-ta, PN i ₃ -dab ₅ , kišib PN, MY	AAICAB 1/3 pl 199 Bod A 87
idab041	S, bala PN-(ka) ba-an-zi, ki B-ta, PN i ₃ -dab ₅ , MY	PPAC 4 49

²¹⁸⁹ Du₁₁-ga: AAICAB 1/3 pl.199 Bod A 87 (AS 9 xii d). For Duga, see Chapter 2.5.

²¹⁹⁰ Lu₂-sa₆-ga: BJRL 64 112 72 (AS 8 v, bala Nu-ur₂-^dDa-gan ensi₂ Zimbi^{ki} ba-an-zi); PPAC 4 49 (AS 8 xii, bala Arad₂-ġu₁₀ ensi₂ Ġir₂-su^{ki} ba-an-zi). Note that in the hand copy of the text BJRL 64 112 72, this name was incorrectly read as Lu₂-diġir(erased)-ra, but based on its photograph, its second and third signs can be clearly read as SA₆ and GA, respectively. Therefore, this name is undoubtedly read as Lu₂-sa₆-ga, not Lu₂-diġir-ra. For Lu-saga, see Chapter 8.

²¹⁹¹ Na-lu₅: Nisaba 8 285 (AS 7 vii 15); OIP 121 476 (AS 8 viii). For Nalu, see Chapter 9.

²¹⁹² Šu-Ma-ma: ASJ 16 105 3 (AS 6 xii); Princeton 2 17 (AS 7 viii). For Šu-Mama, see Chapter 3.1.3.

²¹⁹³ Tu-ra-am-^dDa-gan: TCND 110 (AS 5 iii 13). For Turam-Dagan, see Chapter 4.2.

²¹⁹⁴ U₂-ta₂-mi-šar-ra-am: Ontario 1 116 (AS 5 iii 13). For Uta-mišaram, see Chapter 4.1.

²¹⁹⁵ Ur-^dLi₉-si₄ ensi₂ Umma^{ki}: PPAC 5 1781 (AS 7 viii).

Type	Formula	Example
idab167	S, iti u ₄ N ba-zal, ki B-ta, PN i ₃ -dab ₅ , MY	Nisaba 8 285
idab172	S, sa ₂ -du ₁₁ lugal-še ₃ , ki B-ta, bala PN ba-an-zi, PN i ₃ -dab ₅ , MY	BJRL 64 112 72
idab173	S, sa ₂ -du ₁₁ lugal, bala-a zi-ga, ki B-ta, PN i ₃ -dab ₅ , MY	PPAC 5 1781

5.1.4 The receipt (i₃-dab₅) of new-born (u₃-tu-da) animals

Three texts²¹⁹⁶, dated between AS 1 and AS 4, mention that En-diġirġu received (i₃-dab₅) 51 new-born animals at the sheephouse (e₂-udu-ka). The following three types of formulae (utuda007-009) are attested in these transactions:

utuda007:	utuda008:	utuda009:
<u>S, u₄ N-kam</u>	S, u ₄ N-kam	S
u ₃ -tu-da	u ₃ -tu-da	u ₃ -tu-da
e ₂ -udu-ka	e ₂ -udu-ka	e ₂ -udu-ka
ša ₃ Tum-ma-al	B i ₃ -dab ₅	B i ₃ -dab ₅
B i ₃ -dab ₅	M/Y	u ₄ N-kam
M/Y		M/Y

5.1.5 Summary

5.1.5.1 Between AS 1 viii 17 and AS 9 xii diri 23, En-diġirġu expended (ba-zi, zi-ga) 669+ animals for cultic purposes, members of the royal household, different individuals, the “kitchen” and feeding dogs.

5.1.5.2 Between AS 1 ii 23 and AS 9 viii 16, En-diġirġu expended (šu ba-ti) 237 dead animals accepted by Ur-niġar and Šulgi-iriġu.

5.1.5.3 Between AS 5 iii 13 and AS 9 xii diri, En-diġirġu expended (i₃-dab₅) 320 animals transferred to six bureaus of the Puzriš-Dagan organization and to one dignitary.

5.1.5.4 Between AS 1 and AS 4, En-diġirġu received (i₃-dab₅) 51 new-born (u₃-tu-da) animals at the sheephouse.

²¹⁹⁶ TCND 80 (AS 1 ix 5-6); UCP 9-2-2 19 (AS 4 viii 15); MVN 8 197 (AS 4 xii 23).

6 The Bureau of Enlila

The administrative documents issued by the bureau of Enlila, who dealt exclusively with oxen, date between Š 41 iv 21²¹⁹⁷ and SS 2 x 25²¹⁹⁸, which spans the entire reign of Amar-Suen. In addition, the administrative activities of Enlila can be divided into the following categories:

1. The expenditure (ba-zi or zi-ga) of oxen for cultic purposes, different individuals, the “kitchen”, the storehouse, feeding dogs, additional purposes.
2. The expenditure (i₃-dab₅) of oxen transferred to bureaus and individuals.
3. The expenditure (šu ba-ti) of oxen accepted by Intaea.
4. The receipt (i₃-dab₅) of the deliveries (mu-DU) of oxen.
5. The receipt (i₃-dab₅) of oxen (from individuals).

6.1 The expenditure (ba-zi, zi-ga) of oxen

Between AS 1 iii 1 and AS 9 xii diri 27, Enlila expended (ba-zi, zi-ga) oxen for cultic purposes (see 6.1.1), for different individuals (see 6.1.2), for the “kitchen” (see 6.1.3), for the storehouse (see 6.1.4), for feeding dogs (see 6.1.5), and for other purposes (see 6.1.6).

6.1.1 For cultic purposes

Enlila expended (ba-zi, zi-ga) oxen for the following deities: Annunitum²¹⁹⁹, Enlil²²⁰⁰, Enlil-Ninlil²²⁰¹, Inana²²⁰², Nanna²²⁰³/Suen²²⁰⁴, Ninhursag²²⁰⁵, Ninlil²²⁰⁶ and Ninurta²²⁰⁷.

6.1.2 For different individuals

6.1.2.1 Enlila expended (ba-zi, zi-ga) oxen for two foreigners: Bariašum of Marhaši²²⁰⁸ and Naplanum the Amorite²²⁰⁹.

6.1.2.2 Enlila expended (ba-zi, zi-ga) oxen for three officials of the Puzriš-Dagan organization: Intaea²²¹⁰, Nalu²²¹¹ and Uta-mišaram²²¹².

²¹⁹⁷ AUCT 1 541 (Š 41 iv 21): zi-ga ^dEn-lil₂-la₂ “withdrawal of Enlila”.

²¹⁹⁸ MVN 10 142 (SS 2 x 25): ki ^dEn-lil₂-la₂-ta ba-zi “from Enlila, withdrawn”. Note that in the text Ontario 1 142 (SS 3 iii 13), the Register 4 is not transliterated as ki [^dEn-lil₂]-la₂-ta (Sigrist 1995: 93, no.142), but as ki Kur-bi-lak-ta, on the basis of its photograph.

²¹⁹⁹ An-nu-ni-tum: AR RIM 4 13:6 (AS 1 i 13).

²²⁰⁰ ^dEn-lil₂: AR RIM 4 13:12 (AS 1 i 23); JANES 21 76 9:9 (AS 8 ii 21, ezem gu₄-si-su “gusisu-festival”); JANES 21 76 9:14 (AS 8 ii 22, ezem gu₄-si-su); MVN 5 119:1 (AS 9 xii 5); MVN 5 119:4 (AS 9 xii 6).

²²⁰¹ ^dEn-lil₂ ^dNin-lil₂: SET 60:14,16 (AS 3 ii 20,21).

²²⁰² ^dInana: AR RIM 4 13:14 (AS 1 i 23).

²²⁰³ ^dNanna: AR RIM 4 13:13 (AS 1 i 23).

²²⁰⁴ ^dEN.ZU: SET 60:19 (AS 3 ii 22, ezem gu₄-si-su).

²²⁰⁵ ^dNin-hur-saĝ: AR RIM 4 13:15 (AS 1 i 23); SET 60:24 (AS 3 ii 22, ezem gu₄-si-su).

²²⁰⁶ ^dNin-lil₂: JANES 21 76 9:10 (AS 8 ii 21, ezem gu₄-si-su); MVN 5 119:2 (AS 9 xii 5); MVN 5 119:5 (AS 9 xii 6).

²²⁰⁷ ^dNin-urta: SET 60:18 (AS 3 ii 22, ezem gu₄-si-su).

²²⁰⁸ Ba-ri-a-šum lu₂ Mar^{ar}-ha-š^{ki}: OrSP 47-49 24:3 = TRU 318:3 (AS 3 vi 3).

²²⁰⁹ Na-ap-la-num₂: AR RIM 4 13:1 (AS 1 i 7); AR RIM 4 13:3 (AS 1 i 8).

²²¹⁰ ĝiri₃ In-ta-e₃-a: Santag 7 144:7 (AS 4). For Intaea, see Chapter 2.4.

²²¹¹ Na-lu₅: MVN 13 537:5 (AS 3 i). For Nalu, see Chapter 9.

6.1.2.3 Enlila expended (ba-zi, zi-ga) oxen for an additional 10 individuals: Bu'uda'a the merchant²²¹³, Dada the lamentation singer²²¹⁴, Namhani²²¹⁵, Nanše-ulgal²²¹⁶, Nanšekam²²¹⁷, Niridağal²²¹⁸, Papan-šen²²¹⁹, Šat-Mami²²²⁰, Ur-mes the singer²²²¹ and the “Grand Vizier”²²²².

6.1.3 For the “kitchen”

6.1.3.1 Enlila expended (ba-zi, zi-ga) oxen for the “kitchen”²²²³.

6.1.3.2 Enlila expended (ba-zi, zi-ga) oxen to the “kitchen” for soldiers²²²⁴.

6.1.3.3 Enlila expended (ba-zi, zi-ga) oxen to the “kitchen” for the GAR₃.DU people²²²⁵.

6.1.3.4 Enlila expended (ba-zi, zi-ga) oxen to the “kitchen” for the Marhašites²²²⁶.

6.1.3.5 Enlila expended (ba-zi, zi-ga) oxen to the “kitchen” for the mar-sa-troops. The oxen were loaded onto the royal boat and taken with the troops to Šuruppag²²²⁷.

6.1.3.6 Enlila expended (ba-zi, zi-ga) oxen to the “kitchen”. The oxen were loaded onto a boat, when the king went to Nippur²²²⁸ and Šuruppag²²²⁹.

6.1.4 For the storehouse

Enlila expended (ba-zi, zi-ga) dead oxen for the storehouse²²³⁰.

²²¹² U₂-ta₂-mi-šar-ra-am: SAT 2 1116:9 (AS 8 v 10). For Uta-mišaram, see 4.1.

²²¹³ Bu₃-u₂-da-a dam-gar₃: SmithCS 38 13:3 (AS 1 vi).

²²¹⁴ Da-da gala: MVN 13 537:2 (AS 3 i).

²²¹⁵ Nam-ha-ni: AR RIM 4 13:16 (AS 1 i 23).

²²¹⁶ ^dNanše-ul₄-gal: Santag 7 144:2 (AS 4).

²²¹⁷ ^dNanše-kam: Santag 7 144:5 (AS 4).

²²¹⁸ Nir-i₃-da-ğal₂: MVN 11 192:2 (AS 2 viii 3+, ša₃ niğ₂-mussa^{sa2} sukkal-mah “among betrothal gifts of ‘Grand Vizier’”).

²²¹⁹ Pa₂-pa₂-an-še-en: Santag 7 144:4 (AS 4).

²²²⁰ Ša-at-ma-mi: MVN 11 192:4 (AS 2 viii 3+, ša₃ niğ₂-mussa^{sa2} sukkal-mah).

²²²¹ Ur-mes nar: AR RIM 4 13:17 (AS 1 i 23).

²²²² sukkal-mah: MVN 13 537:4 (AS 3 i).

²²²³ e₂ muhaldim: AR RIM 4 13:5 (AS 1 i 13); AR RIM 4 13:8 (AS 1 i 14); AR RIM 4 13:24 (AS 1 i 24-26,28,30); AUCT 2 404:3 (AS 1 iii 1); AUCT 2 404:6 (AS 1 iii 3); AUCT 2 404:9 (AS 1 iii 4); AUCT 2 404:19 (AS 1 iii 15,17-18); AUCT 2 404:22 (AS 1 iii 21); PDT 1 401:1 (AS 1 vi 2-3, 7-11, 18-19, 21-22, 24, 27); Nik 2 525:1 (AS 1 ix 1-3, 7-8, 10-11, 13-17, 21-26); AUCT 1 275:1 (AS 1 xi 3, 5-6, 8-9, 11, 13-14, 16, 20); AfO 40-41 54 2:1,29 (AS 2 vi 1-5, 7-13, 17-18, 21-24); Akkadica 114-115 99 22:1 (AS 2 x 4, 6-7, 11, 13, 16, 20, 23-24); Fs Pettinato 215 JHT 104:1 (AS 2 xi 1, 3-10, 12-13, 15, 17, 19-22, 27-29); AUCT 2 72:2,8 (AS 3 i 5, 10, 13, 20, 27-28); SET 60:1,30 (AS 3 ii 1-11, 16, 21, 25-28); OrSP 47-49 24:3 = TRU 318:1,16 (AS 3 vi 2, 7-8, 11, 16-17, 20-21, 24, 30); KM 89245:1 (AS 4 i 8-13, 17, 21, 26-28); PDT 2 783:7 (AS 7 iv 28-29); PDT 1 324:3 (AS 8 ii 12); JANES 21 76 9:2 (AS 8 ii 7); JANES 21 76 9:3 (AS 8 ii 8); JANES 21 76 9:5 (AS 8 ii 12); JANES 21 76 9:7 (AS 8 ii 13); BPOA 6 863:3 (AS 8 iv 8); MVN 10 238:4 (AS 8 iv 29); BIN 3 480:4 (AS 8 v 6); SAT 2 1116:1 (AS 8 v 2); SAT 2 1116:3 (AS 8 v 3); SAT 2 1116:5 (AS 8 v 6); SAT 2 1116:7 (AS 8 v 7); SAT 2 1116:11 (AS 8 v 10); SAT 2 1116:13 (AS 8 v 16); SAT 2 1116:14 (AS 8 v 18); SAT 2 1116:15 (AS 8 v 19); SAT 2 1116:16 (AS 8 v 22); SAT 2 1116:21 (AS 8 v 25); SAT 2 1116:27 (AS 8 v 27); AUCT 3 268:3 (AS 8 vii 2); PDT 2 1257:3 (AS 8 viii 18); AUCT 1 698:3 (AS 9 x 10); TRU 319:8 (AS 9 xi 1, 3, 7); AUCT 3 86:3 (AS 9 xii d 16); BIN 3 200:2 (AS 9 xii d 17); CUCT 3:3 (AS 9 xii d 26-27).

²²²⁴ e₂ muhaldim, mu aga₃-us₂-e-ne-še₃: UCP 9-2-1 74:3 (AS 9 xi 7); BPOA 6 589:3 (AS 9 xi 8).

²²²⁵ e₂ muhaldim, mu gar₃-du-e-ne-še₃: SAT 2 1116:25 (AS 8 v 26).

²²²⁶ e₂ muhaldim, mu lu₂ Mar-ha-ši^{ki}-ke₄-ne-še₃: SAT 2 1116:25 (AS 8 v 26).

²²²⁷ e₂ muhaldim, Šuruppag^{ki}-še₃ mu erin₂ mar-sa ma₂ lugal-ka gub-ba-ne: SAT 2 1116:17 (AS 8 v 23).

²²²⁸ e₂ muhaldim, lugal Nibru^{ki} du-ni ma₂-a ba-a-ğa₂-ar: AUCT 1 890:2 (AS 8 vii 15).

²²²⁹ e₂ muhaldim, lugal Šuruppag^{ki}-še₃ du-ni ma₂-a ba-a-ğa₂-ar: BIN 3 169:3 (AS 8 iv 2).

²²³⁰ e₂-kišib-ba-še₃: AUCT 2 404:4 (AS 1 iii 2); AUCT 2 404:8 (AS 1 iii 3); AUCT 2 404:10 (AS 1 iii 4); AUCT 2 404:20 (AS 1 iii 19); AUCT 2 404:23 (AS 1 iii 21).

6.1.5 For feeding dogs

Enlila expended (ba-zi, zi-ga) oxen for feeding dogs²²³¹.

6.1.6 For other purposes

6.1.6.1 Enlila expended (ba-zi, zi-ga) dead oxen which Ur-niĝar accepted (šu ba-ti)²²³².

6.1.6.2 Enlila expended (ba-zi) 151 oxen received by five sealers (kišib PN): Kamu, Ušmu, Lu-Nanna the temple perfect, Šu-Eštar son of the king (Amar-Suen) and Ur-niĝar the chief herdsman²²³³.

6.1.6.3 Enlila expended (zi-ga) 33 oxen for unknown purposes in AS 1 xii²²³⁴.

6.1.7 The maškim officials

Three maškim officials were responsible for the disbursements of oxen by Enlila for various purposes: Aradĝu and Ilum-dan the courier (for the “kitchen”), and Mat-ili the equestrian (for individuals).

6.1.8 Formulary

There are two phrases attested in the disbursements of animals issued by Enlila, zi-ga ki En-lil₂-la₂ “withdrawal from/of Enlila” and ki En-lil₂-la₂-ta ba-zi “from Enlila withdrawn”. The former is mostly attested in the disbursements of animals issued by Enlila in AS 1, while both phrases are attested between AS 2 to AS 4. However, from AS 7 to AS 9, only the latter phrase is attested.

Unlike with the other bureaus, most of the texts recording the disbursement (ba-zi, zi-ga) of animals issued by the bureau of Enlila contain not one but two or more days within one month. These texts can be grouped into two types. In one type (Type α), each text consists of many different types of destinations (D) for animals disbursed by Enlila. In the other type (Type β), there is only one destination in each text, almost always the “kitchen”.

For Type α , there are five different subtypes of formulae (Type $\alpha 1$ - $\alpha 5$) attested in the relationship between animals (S) and the day date formula (u₄ N-kam). For instance, the text AR RIM 4 13 (AS 1 i) is as follows (see Table 6.1):

Table 6.1 Formulae attested in the disbursals of animals by Enlila (Multiple days: Type α)

Type α	Formulary	Instance
Type $\alpha 1$	S, D	1) 2 gu ₄ Na-ap-la-num ₂
	u ₄ N-kam	2) u ₄ 7-kam
Type $\alpha 2$	S, u ₄ N-kam	10) 4 gu ₄ u ₄ 21-kam
Type $\alpha 3$	S, D1	12) 14 gu ₄ 6 ab ₂ ^d En-lil ₂
	S, D2	13) 10 gu ₄ ^d Nanna
	...	14) 5 gu ₄ ^d Inana

²²³¹ ur-gir₁₅-re ib₂-dab₅: AUCT 2 404:1 (AS 1 iii 1); AUCT 2 404:7 (AS 1 iii 3);

²²³² Ur-niĝar šu ba-ti: AR RIM 4 13:26 (AS 1 i); PDT 1 401:19 (AS 1 vi); Fs Pettinato 215 JHT 104:23 (AS 2 xi);

²²³³ kišib Ka₅^a-mu, kišib Uš-mu, kišib Lu₂-^dNanna šabra, kišib Šu-Eš₁₈-tar₂ dumu lugal, kišib Ur-niĝar kuš₇: AAICAB 1/1 Ashm 1910-752 (AS 3 vii).

²²³⁴ zi-ga: BPOA 7 2949 (AS 1 xii 1, 7-8, 11, 14-15, 17, 19-21, 25).

Type α	Formulary	Instance
	u ₄ N-kam	15) 5 gu ₄ ⁴ Nin-hur-saĝ 16) 3 gu ₄ Nam-ha-ni 17) 1 gu ₄ Ur-mes nar u ₄ 23-kam
Type $\alpha 4$	S, u ₄ N-kam S, u ₄ N-kam ... D	19) 1 gu ₄ 1 ab ₂ u ₄ 24-kam 20) 1 gu ₄ 3 ab ₂ u ₄ 25-kam 21) 6 gu ₄ 1 ab ₂ u ₄ 26-kam 22) 1 gu ₄ 1 ab ₂ u ₄ 28-kam 23) 2 gu ₄ 2 ab ₂ u ₄ 30-kam 24) e ₂ muhaldim-še ₃
Type $\alpha 5$	S D	25) 10 gu ₄ 7 ab ₂ ba-ug ₇ 26) Ur-ni ₉ -ġar šu ba-ti

Note that for Type $\alpha 2$, the animals's destination is unclear. For Type $\alpha 5$, there is no day date in this transaction (animals + destination), which suggests a monthly record.

The second formula, Type β , consists of the elements animals (S) and single destination (D) over the course of many days. In this case, the single destination refers to the “kitchen” (e₂ muhaldim). The formula of Type β is as follows (see Table 6.2):

Table 6.2 Formulae attested in the disbursements of animals by Enlila (Multiple days: Type β)

Type β	Formulary	Instance
Type $\beta 1$	S1, e ₂ muhaldim, u ₄ N-kam <u>S2, u₄ N-kam</u>	Nik 2 525
Type $\beta 2$	S1, e ₂ muhaldim, u ₄ N-kam <u>S2, u₄ N-kam</u> e ₂ muhaldim-še ₃	AfO 40-41 54 2
Type $\beta 3$	S1, zi-ga, u ₄ N-kam <u>S2, u₄ N-kam</u>	BPOA 7 2949
Type $\beta 4$	<u>S, kišib PN</u>	AAICAB 1/1 Ashm 1910-752

Note that Type $\beta 1$ is considered to be a variant of Type $\beta 2$, in which the animals (S2), like S1, were also disbursed for the “kitchen” (e₂ muhaldim). In Type $\beta 2$, the last element (e₂ muhaldim-še₃) refers to the destination corresponding to all above-mentioned animals and days (S2, u₄ N-kam). This element is omitted in Type $\beta 1$. Also, in Type $\beta 3$, the destinations for which animals were disbursed are not known, whereas, in Type $\beta 4$, it is assumed that the destinations refer to the sealers (kišib PN).

In addition, apart from the texts recording the disbursement (ba-zi, zi-ga) of animals issued by Enlila, each of which lists two or more days within one month, there are also texts recording disbursements that were issued from the same source, which only list one day, as with the other bureaus.

The following eight types of formulae are attested in the disbursements of animals by Enlila for cultic purposes (bazi A1), for different individuals (bazi C1, C66-67), and for the “kitchen” (bazi E1, E13, E19, E27) (see Table 6.3).

Table 6.3 _ Formulae attested in the disbursements of animals by Enlila (Single day)

Type	Comp.	Formula	Commentary	Example
bazi A1	1-2	S, DN	animals for two or more deities	MVN 5 119:1-2
bazi C1	1-2	S, PN	animals for two or more individuals	MVN 13 537:1-5
bazi C66	1-2	S, PN	animals for one individual	SmithCS 38 13:1-3
bazi C67	1-2-6	S, PN ša ₃ niĝ ₂ -mussa ^{sa2} PN	animals for one individual, from the betrothal gifts of PN	MVN 11 192:1-5
bazi E1	1-2	S šu-gid ₂ e ₂ muhaldim-še ₃	animals with the šu-gid-contingent for the “kitchen”	PDT 1 324:1-3
bazi E13	1-2	S ba-ug ₇ e ₂ muhaldim-še ₃	dead animals for the “kitchen”	AUCT 1 698:1-3
bazi E19	1-2-4	S šu-gid ₂ e ₂ muhaldim lugal GN-še ₃ du-ni ma ₂ -a ba-a-ĝa ₂ -ar PN maškim	animals designated as the šu-gid-contingent for the “kitchen”, with one maškim official. The animals were loaded onto a boat, when the king went to GN.	BIN 3 169:1-7
bazi E27	1-2-4	S1 šu-gid ₂ S2 ba-ug ₇ e ₂ muhaldim mu aga ₃ -us ₂ -e-ne-še ₃ PN maškim	animals designated as the šu-gid-contingent (S1) and dead animals (S2) to the “kitchen” for the soldiers, with one maškim official	UCP 9-2-1 74:1-5

6.1.9 Brief summary

The total of number of oxen, which Enlila disbursed (ba-zi, zi-ga), is listed as follows (see Table 6.4):

Table 6.4 _ Statistics of the number of animals disbursed by Enlila

Destination	Ox
Cultic	61
Individual	34
Kitchen	771+
Storehouse	2+
Dog	1+
Others	210
Total:	1,079+

6.2 The expenditure (i₃-dab₅) of oxen transferred to bureaus and individuals

Enlila transferred (i₃-dab₅) oxen to two officials of the “central bureau”: Aba-saga (21 oxen)²²³⁵ and Duga (31 oxen)²²³⁶, as well as to Atu (1 ox)²²³⁷ and Ur-Ninkura the governor of Šuruppag (7 oxen)²²³⁸.

The following six types of formulae are attested in the transfers of oxen from Enlila to bureaus or individuals (see Table 6.5).

Table 6.5 Formulae attested in the transfers of animals from Enlila

Type	Formula	Example
idab001	S, u ₄ N-kam, ki B-ta, PN i ₃ -dab ₅ , M/Y	PPAC 4 188
idab002	S, ki B-ta, PN i ₃ -dab ₅ , M/Y	OIP 121 593
idab174	<u>S, kišib PN</u> , ki B-ta, PN i ₃ -dab ₅ , M/Y	BIN 3 65
idab175	S, en-hug-de ₃ , ki B-ta, PN i ₃ -dab ₅ , ġiri ₃ PN, M/Y	BIN 3 352
idab176	S, kišib dib-ba didli, šu sum-ma, ki B-ta, PN i ₃ -dab ₅ , M/Y	PDT 2 1028
idab177	S1 PN, S2 PN, S3 ġiri ₃ PN, S4 PN, S5 PN, S6 ġiri ₃ PN, ki B-ta, PN i ₃ -dab ₅ , Y	Erm 07775

6.3 The expenditure (šu ba-ti) of oxen accepted by Intaea

In AS 3, Intaea accepted (šu ba-ti) 3+ oxen from Enlila, which were sealed tablets (kišib PN) of two individuals: Kamu and Gudea the governor of Gudu²²³⁹.

In AS 4 xi, Intaea accepted (šu ba-ti) 52 oxen from Enlila, which were sealed tablets of four individuals: Ur-Bau the cowherd, Šu-Erra, Lu-Ninġirsu the person of Enlila-isa and Ur-šugalamma²²⁴⁰.

6.4 The receipt (i₃-dab₅) of the deliveries (mu-DU) of oxen

²²³⁵ Ab-ba-sa₆-ga i₃-dab₅: Erm 07775 (AS 1, 3 gu₄ Šu-Eš₁₈-tar₂ dumu Ab-ba-ti, 2 gu₄ Be-li₂-na-aš₂[?]-ti sagi, 2 gu₄ ġiri₃ Ur-Tum-ma-al, 1 gu₄ Ur-^dDumu-zi-da, 1 gu₄ Lu₂-diġir-ra dumu Arad₂-hul₃-la, 1 gu₄ ġiri₃ Lugal-he₂-ġal₂ “three oxen for Šu-Eštar son of Abbati, two oxen for Beli-našti the cupbearer, two oxen via Ur-Tummal, one ox for Ur-Dumuzida, one ox for Lu-diġira son of Arad-hula, and one ox via Lugal-heġal”); BIN 3 65 (AS 3 xii, kišib Ur-sa₆-ga šabra AMA.^dINANA, kišib In-da-a šabra An-nu-ni-tum “sealed tablet of Ur-saga temple perfect of AMA.INANA and Inda’a temple perfect of Annunitum”). For the name AMA.^dINANA, see Steinkeller 1980: 30 and Jacobsen 1989: 79. For Aba-saga, see Chapter 2.2.

²²³⁶ [Du₁₁]-ga i₃-dab₅: PDT 2 1028 (AS 9 xii d, kišib dib-ba didli “several sealings”). For Duga, see Chapter 2.5.

²²³⁷ A-tu [...] i₃-dab₅: OIP 121 593 (AS 7 xii).

²²³⁸ Ur-^dNin-kur-ra ensi₂ Šuruppag^{ki} i₃-dab₅: BIN 3 352 (AS 8 xi, en huġ-de₃, ġiri₃ Dan-na-ti “for the installation of via Dannati”).

²²³⁹ In-ta-e₃-a šu ba-ti: Rochester 38 (AS 3, kišib Ka₅^a-mu, kišib Gu₃-de₂-a ensi₂ Gu₂-du₈-a^{ki}). For Intaea, see Chapter 2.4.

²²⁴⁰ In-ta-e₃-a šu ba-ti: CST 294 (AS 4 xi, kišib Ur-^dBa-u₂ unu₃, kišib Šu-Er₃-ra, kišib Lu₂-^dNin-ġir₂-su lu₂ ^dEn-lil₂-la₂-i₃-sa₆, kišib Ur-šu-ga-lam-ma). For Šu-Erra, see Chapter 11. For Ur-šugalama, see Chapter 14.

Apart from expending (ba-zi, i₃-dab₅, šu ba-ti) oxen, Enlila received (i₃-dab₅) 428 oxen from the deliveries (mu-DU) of numerous individuals between AS 1 viii and AS 3 vi²²⁴¹. The following formulae are attested in these transactions (see Table 6.6):

Table 6.6 Formulae attested in the receipts of the deliveries of animals by Enlila

mu _{DU}	Formula	Text
mu _{DU} B1	S šu-gid ₂ , ki PN-ta, u ₄ N-kam, mu-DU B i ₃ -dab ₅	TCL 2 4685
mu _{DU} B22	<u>S1</u> , ki PN-ta, ġiri ₃ PN, <u>S2</u> , ki PN-ta, kišib PN, S3, ki PN-ta, ġiri ₃ PN, S4, ki PN su-ga, GN-še ₃ , S5, la ₂ -ia ₃ su-ga PN, šu-niġin ₂ , mu-DU didli, B i ₃ -dab ₅ , Y, <i>Left edge: M</i>	SAT 2 725
mu _{DU} B23	S1, mu-DU, u ₄ N-kam, <u>S2</u> , u ₄ N-kam, mu-DU lugal, S3 šu-gid ₂ ki PN-ta, u ₄ N-kam, S4 ki PN-ta, u ₄ N-kam, S5 ki PN-ta, S6 ki PN-ta, u ₄ N-kam, ki šabra-e-ne-ta, šu-niġin ₂ N, mu-DU B i ₃ -dab ₅	ASJ 15 143 28
mu _{DU} B24	<u>S</u> , ki PN-ta, šu-niġin ₂ N, mu-DU B i ₃ -dab ₅	AUCT 2 275
mu _{DU} C20	<u>S1</u> u ₄ N-kam, mu-DU lugal, S2 niġ ₂ -gur ₁₁ PN, u ₄ N-kam, šu-niġin ₂ N, mu-DU B i ₃ -dab ₅	AUCT 2 264
mu _{DU} C21	S1, mu-DU, u ₄ N-kam, <u>S2</u> , u ₄ N-kam, mu-DU lugal, S3 šu-gid ₂ , ki PN-ta, u ₄ N-kam, S4, niġ ₂ -u ₄ -nu ₂ , ki PN-ta, ġiri ₃ PN, u ₄ N-kam, mu-DU B i ₃ -dab ₅	MVN 8 42
mu _{DU} C22	S1 u ₄ N-kam, S2 u ₄ N-kam, S3 ša ₃ GN u ₄ N-kam, sum, mu-DU lugal, S4 u ₄ N-kam, S5 u ₄ N-kam, ki PN-ta, šu-niġin ₂ N, B i ₃ -dab ₅	TCL 2 4686
mu _{DU} C23	S1 mu-DU u ₄ N-kam, S2 u ₄ N-kam, S3 u ₄ N-kam, mu-DU lugal, S4 u ₄ N-kam, S5 u ₄ N-kam, ki PN-<ta>, mu-DU B i ₃ -dab ₅	MVN 11 177

6.5 The receipt (i₃-dab₅) of oxen (from individuals)

Six administrative documents record the receipt (i₃-dab₅) of oxen by Enlila. The formula is (ki PN-ta) ^dEn-lil₂-la₂ i₃-dab₅ “(from individuals), Enlila received (animals)”, which is different from the following types of formulae: mu-DU ^dEn-lil₂-la₂ i₃-dab₅ “Enlila received the deliveries (of animals)”, ki PN-ta mu-DU ^dEn-lil₂-la₂ i₃-dab₅ “Enlila received the deliveries (of animals) from PN, and ki B-ta ^dEn-lil₂-la₂ i₃-dab₅ “from a bureau, Enlila received (animals)”.

6.5.1 Between AS 2 x and AS 4 iv, Enlila received (i₃-dab₅) 81 oxen from the following individuals: the *en*-priest of Inana, Enlila-isa, Nanše-ulgal, Ur-šugalama²²⁴², Ur-tilla the temple administrator (via Lu-saga)²²⁴³, Nanšekam (via Intaea and Ur-kununa)²²⁴⁴, and Igi-sasaga²²⁴⁵.

²²⁴¹ AUCT 2 275 (AS 1 viii); SAT 2 725 (AS 2 viii); ASJ 15 143 28 (AS 2 viii); AUCT 2 264 (AS 2 xi); MVN 8 42 (AS 2 xii); TCL 2 4685 (AS 3 v 1); TCL 2 4686 = MVN 11 177 (AS 3 vi).

²²⁴² ki en ^dInana-ta, ki ^dEn-lil₂-la₂-i₃-sa₆-ta, ki ^dNanše-ul₄-gal-ta, ki Ur-šu-ga-lam-ma-ta: OrSP 47-49 70 (AS 2 x).

²²⁴³ ki Ur-tilla₃ saġġa: AUCT 1 365 (AS 3 iii, ġiri₃ Lu₂-sa₆-ga). For Lu-saga, see Chapter 8.

²²⁴⁴ ki ^dNanše-kam-ta: Princeton 1 52 (AS 3 viii, ġiri₃ In-ta-e₃-a u₃ Ur-ku₃-nun-na).

²²⁴⁵ ki Igi-sa₆-sa₆-ga: MVN 15 240 (AS 4 iv), with the seal impression ^dEn-lil₂-la₂ dumu I₃-[kal-la] sipa [gu₄ niga] “Enlila son of Ikala the barley-fed ox-herder”. Other references to the name Igi-sa₆-sa₆-ga are OIP 115 61 (Drehem), BPOA 1 19 (Girsu), BPOA 1 263 (Girsu), and ZA 53 81 21 (Girsu).

6.5.2 In AS 4 ix, Enlila received (i₃-dab₅) seven oxen via Aba-saga²²⁴⁶. Also, in AS 6, Enlila received (i₃-dab₅) 37 oxen from/in the street for many times (gu₄ didli sila-ta)²²⁴⁷.

6.6 Summary

6.6.1 Between AS 1 iii 1 and AS 9 xii diri 27, Enlila expended (ba-zi, zi-ga) 1,079+ oxen for cultic purposes, different individuals, the “kitchen”, the storehouse, feeding dogs, and an individual who accepted oxen, individuals who sealed, and unknown purposes. Note that 771+ oxen were disbursed for the “kitchen”, which account for approximately 71 percent of all oxen disbursed (ba-zi, zi-ga) by Enlila.

6.6.2 Between AS 1 and AS 9 xii diri, Enlila expended (i₃-dab₅) 62 oxen which were transferred to two officials of the “central bureau”, Aba-saga and Duga, and three individuals, namely Atu, Ur-Ninkura the governor of Šuruppag and an unnamed individual.

6.6.3 Between AS 3 and AS 4 xi, Enlila expended (šu ba-ti) 55+ oxen that were accepted by Intaea.

6.6.4 Between AS 1 viii and AS 3 vi, Enlila received (i₃-dab₅) the deliveries of 428 oxen.

6.6.5 Between AS 2 x and AS 6, Enlila received (i₃-dab₅) 125 oxen.

²²⁴⁶ OLP 8 8 4 (AS 4 ix).

²²⁴⁷ CTMMA 1 21 (AS 6).

7 The Bureau of Lu-diġira, son of Arad-hula

The administrative documents issued by the bureau of Lu-diġira (=Lu-diġira-Ah), the son of Arad-hula, date between Š 46 iii 26²²⁴⁸ and SS 1 v 11²²⁴⁹, which spans the entire reign of Amar-Suen. Lu-diġira-Ah dealt exclusively with rare or wild animals²²⁵⁰. In addition, the administrative activities of Lu-diġira-Ah can be divided into the following categories:

1. The expenditure (ba-zi) of animals for cultic purposes, members of the royal household, one individual, the E'uzga, the "kitchen", the storehouse and feeding dogs.
2. The expenditure (šu ba-ti) of dead animals accepted by Ur-niġar/Šulgi-iriġu.
3. The expenditure (i₃-dab₅) of animals transferred to bureaus and individuals.

7.1 The expenditure (ba-zi) of animals

Between AS 1 ii 18 and AS 9 xi 20, Lu-diġira-Ah expended (ba-zi) rare or wild animals for cultic purposes (see 7.1.1), for members of the royal household (see 7.1.2), for one individual (see 7.1.3), for the E'uzga (see 7.1.4), for the "kitchen" (see 7.1.5), for the storehouse (see 7.1.6) and for feeding dogs (see 7.1.7). These transactions mostly took place between AS 6 and AS 9, with a few exceptions that are dated between AS 1 and AS 2²²⁵¹. There is a large gap between AS 3 and AS 5, in which there are no extant documents.

7.1.1 For cultic purposes

Lu-diġira-Ah expended (ba-zi) animals for the following deities: Enlil²²⁵², Enlil-Ninlil²²⁵³, Ninlil²²⁵⁴ and Ninurta²²⁵⁵. Also, he expended (ba-zi) animals for the "milk-suckling"-rite²²⁵⁶ and for

²²⁴⁸ Hirose 49 (Š 46 iii 26): ki Lu₂-diġir-ra-ta, Ur-ni₉-ġar šu ba-ti "from Lu-diġira-(Ah), Ur-niġar received". The animals attested in this text are u₈ a-udu hur-saġ, ud₅ LU₂.SU.A, maš-da₃.

²²⁴⁹ BPOA 6 894 (SS 1 v 11): ki Lu₂-diġir-ra-ta ba-zi, maš-da₃, ša₃ na-ga-ab-tum-ma-ka. Other references to the person who dealt with rare or wild animals dated to the reign of Šu-Suen are Syracuse 277 (SS 1 i 11, maš-da₃), BPOA 6 388 (SS 1 i 14, maš-da₃), BIN 3 218 (SS 1 ii 30, lulim, maš-da₃, šeg₉-bar), and MVN 8 209 (SS 1 iii 22, maš-da₃), all of which are with the phrase ki Lu₂-diġir-ra-ta ba-zi "from Lu-diġira-(Ah), withdrawn".

²²⁵⁰ These rare or wild animals are: cow of milk-producing (ab₂ mah₂), Šimaškian sheep (udu LU₂.SU.A), Šimaškian goat (maš₂ LU₂.SU.A), Makkan goat (maš₂ Ma₂-gan), wild sheep (udu hur-saġ), wild goat (dara₄), red/brown goat (maš₂ su₄), hybrid of sheep with wild sheep (udu a-udu hur-saġ), hybrid of goat with wild goat (maš₂ a-dara₄), deer (šeg₉-bar, lulim), equid (dusu₂, anš₆e kunga₂, dur₃, eme₆, anš₆e si₂-si₂, anše eden-na), gazelle (maš-da₃), bear (az), and ha-bu-um.

²²⁵¹ SAT 2 678 (AS 1 ii 18), DoCu 300 (AS 1 ix 29), OIP 121 482 (AS 2 ix 15), PPAC 4 6 (AS 2 xi 30).

²²⁵² ^dEn-lil₂: PPAC 4 6:5 (AS 2 xi 30, eš₃-eš₃ e₂-u₄-sakar "Crescent-Moon-festival"); RA 9 50 SA 163 (pl.4):3 (AS 6 v 23, ġišbun_x(KI.BI) e₂ ^dEN.ZU); OIP 121 488:5 (AS 6 vii X, eš₃-eš₃ e₂-u₄-sakar); BIN 3 430:2 (AS 7 iii 20); OIP 121 490:2 = OIP 121 491:2 (AS 8 i 19); AUCT 3 452:2 (AS 8 i 25); OIP 121 492:2 (AS 8 i 29); BPOA 7 2853:3 (AS 8 iii 29, eš₃-eš₃ u₄-sakar); NYPL 248:3 (AS 8 x 29, eš₃-eš₃ u₄-sakar). For the phrase ġišbun_x(KI.BI) e₂ ^dEN.ZU "Gastmahl (aus) dem Tempel (des) Suen", see Such-Gutiérrez 2003: 265.

²²⁵³ ^dEn-lil₂ ^dNin-lil₂: PDT 1 274:2 (AS 7 i 10); NYPL 152:4 (AS 9 x 29, eš₃-eš₃ u₄-sakar).

²²⁵⁴ ^dNin-lil₂: PPAC 4 6:10 (AS 2 xi 30, eš₃-eš₃ e₂-u₄-sakar); RA 9 50 SA 163 (pl.4):6 (AS 6 v 23, ġišbun_x(KI.BI) e₂ ^dEN.ZU); OIP 121 488:8 (AS 6 vii X, eš₃-eš₃ e₂-u₄-sakar); BIN 3 430:4 (AS 7 iii 20); OIP 121 490:4 = OIP 121 491:4 (AS 8 i 19); AUCT 3 452:5 (AS 8 i 25); OIP 121 492:4 (AS 8 i 29); BPOA 7 2853:6 (AS 8 iii 29, eš₃-eš₃ u₄-sakar); NYPL 248:6 (AS 8 x 29, eš₃-eš₃ u₄-sakar).

²²⁵⁵ kaš-de₂-a ^dNin-urta: OIP 121 488:2 (AS 6 vii X, eš₃-eš₃ e₂-u₄-sakar).

the royal bathing ritual²²⁵⁷.

7.1.2 For members of the royal household

Lu-diġira-Ah expended (ba-zi) animals for Abisimti²²⁵⁸. In addition, 17 gazelles that the king had killed with arrows (namely, as part of a royal hunt) were withdrawn by Lu-diġira-Ah according to a text dated to AS 2 ix 15²²⁵⁹.

7.1.3 For one individual

Lu-diġira-Ah expended (ba-zi) animals for Malku the scribe²²⁶⁰.

7.1.4 For the E'uzga

Lu-diġira-Ah expended (ba-zi) animals for E'uzga²²⁶¹.

7.1.5 For the “kitchen”

7.1.5.1 Lu-diġira-Ah expended (ba-zi) animals to the “kitchen” for runners²²⁶².

7.1.5.2 Lu-diġira-Ah expended (ba-zi) animals to the “kitchen” for soldiers²²⁶³.

7.1.5.3 Lu-diġira-Ah expended (ba-zi) animals to the “kitchen” for the GAR₃.DU people²²⁶⁴.

7.1.5.4 Lu-diġira-Ah expended (ba-zi) animals to the “kitchen” for the GAR₃.DU people of Amar-Suen²²⁶⁵.

7.1.5.5 Lu-diġira-Ah expended (ba-zi) animals to the “kitchen” for the women and children of the naGaBtum branch who received and ate (them), as overseen by Lu-diġira-Ah²²⁶⁶.

7.1.6 For the storehouse

Lu-diġira-Ah expended (ba-zi) dead animals for the storehouse²²⁶⁷.

7.1.7 For feeding dogs

Lu-diġira-Ah expended (ba-zi) animals for feeding dogs. These animals were received (i₃-dab₅) by Lugal-urrani, the herder of dogs²²⁶⁸.

7.1.8 The ġiri₃- and/or maškim official

The ġiri₃- and/or maškim officials, who were responsible for the Lu-diġira-Ah's expenditures

²²⁵⁶ ga-gu₇-še₃: ASJ 11 327 22 (AS 8 xii 17). The term ga-gu₇-še₃ probably is the abbreviation of siskur₂ ga-gu₇-še₃, and refers to a rite (for example see ITT 5 6823: siskur₂ ga gu₇-še₃). For ga-gu₇-še₃ „Riten an den Stadttoren für Jungvieh“^(?), see Sallaberger 1993: 299-300 and Such-Gutiérrez 2003: 340.

²²⁵⁷ a-tu₅-a lugal-še₃: BIN 3 170:3 (AS 8 iii 27).

²²⁵⁸ A-bi₂-si₂-im-ti: TCND 249:2-4 (AS 6 v 26, u₄-nu₂-a-ka e₂-gal-la ba-an-ku₄ “entering into the palace during the Dark-Moon-festival”); Prima del'alfabeto 17:2-3 (AS 6 xii 25, u₄-nu₂-a-ka e₂-gal-la ba-an-ku₄).

²²⁵⁹ lugal-e^š kak bi₂-in-ra: OIP 121 482 (AS 2 ix 15). For this clause, see Hilgert 2003: 67-68.

²²⁶⁰ Ma-al-ku dub-sar: CST 398 (AS 9 xi 20).

²²⁶¹ e₂ uz-ga: DoCu 300:3 (AS 1 ix 29); SACT 1 158:2 (AS 6 viii 30); NYPL 303:2 (AS 8 ii 3).

²²⁶² e₂ muhaldim, mu kaš₄-e-ne-še₃: SAT 2 678:3 (AS 1 ii 18); TRU 307:4 (AS 8 iii 9).

²²⁶³ e₂ muhaldim, mu aga₃-us₂-e-ne-še₃: NYPL 197:3 (AS 6 ix 23); PDT 2 1082:4 (AS 6 xi 4); OIP 121 495:3 (AS 9 vi 10).

²²⁶⁴ e₂ muhaldim, mu gar₃-du-ne-še₃: BIN 3 170:9 (AS 8 iii 27); TCND 255:3 (AS 8 xii 16); ASJ 11 327 22:3 (AS 8 xii 17).

²²⁶⁵ e₂ muhaldim, mu gar₃-du^d Amar-^dEN.ZU-ke₄-ne-še₃: TLB 3 31:5 (AS 6 xii 24).

²²⁶⁶ e₂ muhaldim, geme₂ dumu na-KAB-tum u₄ tug₂-ba šu ba-ab-ti ba-ab-ug₇: PDT 2 1201:3 (AS 6 viii 24). Other references to this clause are Babyloniaca 8 HG 11 and BPOA 6 639.

²²⁶⁷ e₂-kišib-ba-še₃: OIP 121 490:7 = OIP 121 491:7 (AS 8 i 19); OIP 121 492:7 (AS 8 i 29).

²²⁶⁸ ur-gir₁₅-re-gu₇-de₃, Lugal-ur₂-ra-ni sipa ur-gir₁₅-ra-ke₄ i₃-dab₅: Rochester 63 (AS 6 ix).

(ba-zi) of rare or wild animals for various destinations or purposes, are listed as follows (see Table 7.1):

Table 7.1 Distribution of ġiri₃ or/and maškim officials responsible for the disbursals of animals by Lu-diġira-Ah

ġiri ₃ /maškim	Cultic	Royal	Individuals	E'uzga	Kitchen	Storehouse	Dog
A-tu sagi	x						
Arad ₂ -ġu ₁₀	x				x		
Da-da sagi	x						
DIĠIR-dan sukkal	x				x		
Du-uk-ra							z
Lu ₂ -diġir-ra					z		
Maš-tur sagi	x						
^d Šul-gi-iri-ġu ₁₀					x		
Ur- ^d Ba-u ₂ (muḥaldim)				x			
Ur-šu muḥaldim			x				

7.1.9 Formulary

The following 20 types of formulae are attested in the disbursements of animals by Lu-diġira-Ah for cultic purposes (bazi A16, A43, A95, A108-113), for members of the royal household (bazi B34, B39), for different individuals (bazi C7), for the E'uzga (bazi D3), for the “kitchen” (bazi E6, E36, E46, E51, E67), for the storehouse (bazi F1), and for feeding dogs (bazi H9) (see Table 7.2).

Table 7.2 Formulae attested in the disbursals of animals by Lu-diġira-Ah

Type	Comp.	Formula	Commentary	Example
bazi A16	1-2-4	<u>S</u> , DN lugal ku ₄ -ra	animals with royal presence for two or more deities	BIN 3 430:1-5
bazi A43	1-2-4	<u>S</u> , DN PN maškim	animals with one maškim official for one deity	OIP 121 490:1-5
bazi A95	1-2-8-4	<u>S</u> , DN eš ₃ -eš ₃ (e ₂)-u ₄ -sakar lugal ku ₄ -ra	animals with royal presence for two or more deities at the New-Moon-festival	NYPL 248:1-8
bazi A108	1-2-5-4	S, a-tu ₅ -a DN ġiri ₃ PN PN maškim	animals for the royal lustration rite with one ġiri ₃ and one maškim official	BIN 3 170:1-4,10
bazi A109	1-2-8-4	S, DN eš ₃ -eš ₃ (e ₂)-u ₄ -sakar lugal ku ₄ -ra	animals with royal presence for one deity at the New-Moon-festival	NYPL 152:1-6

Type	Comp.	Formula	Commentary	Example
bazi A110	1-2-8-4	S, DN ġišbun _x (KI.BI) e ₂ DN PN maškim	animals for two or more deities, for the banquet with one maškim official	RA 9 50 SA 163 (pl.4):1-8
bazi A111	1-2-8	S, DN eš ₃ -eš ₃ u ₄ -sakar	animals for two or more deities at the New-Moon-festival	BPOA 7 2853:1-7
bazi A112	1-2-8-4	S, DN eš ₃ -eš ₃ e ₂ -u ₄ -sakar PN maškim	animals with one maškim official for two or more deities at the New- Moon-festival	PPAC 4 6:1-12
bazi A113	1-2-4	S, ga-gu ₇ -še ₃ PN maškim	animals with one maškim official for the “eating-milk”-rite	ASJ 11 327 22:5-7
bazi B34	1-8-2	S, u ₄ -nu ₂ -a-ka e ₂ -gal ba- na-ku ₄ PNr	animals for PNr, delivered and replaced for his/her “New-Moon- festival”	TCND 249:1-4
bazi B39	1-2	S lugal-e ^{šiš} kak bi ₂ -in-ra	animals that were killed by the king with arrows	OIP 121 482:1-2
bazi C7	1-2-4	S, PN PN maškim	animals with one maškim official for one individual	CST 398:1-3
bazi D3	1-2-4	S, e ₂ uz-ga PN maškim	animals with one maškim official for the E’uzga	DoCu 300:1-4
bazi E6	1-2-4	S šu-gid ₂ e ₂ muhaldim mu aga ₃ -us ₂ -e-ne-še ₃ PN maškim	animals as the šu-gid-contingent with one maškim official to the “kitchen” for the soldiers	NYPL 197:1-4
bazi E36	1-2-4	S šu-gid ₂ e ₂ muhaldim mu gar ₃ -du-e-ne-še ₃ PN maškim	animals as the šu-gid-contingent to the “kitchen” for GAR ₃ .DU people, with one maškim official	BIN 3 170:5-10
bazi E46	1-2-4	S, e ₂ muhaldim mu kaš ₄ -ke ₄ -ne-še ₃ PN maškim	animals to the “kitchen” for the runners, with one maškim official	SAT 2 678:1-4
bazi E51	1-2-4	S šu-gid ₂ e ₂ muhaldim mu gar ₃ -du ^d Amar- ^d EN.ZU-ke ₄ -ne-še ₃ PN maškim	animals as the šu-gid-contingent to the “kitchen” for GAR ₃ .DU people of Amar-Suen, with one maškim official	TLB 3 31:1-6
bazi E67	1-2-6-4	S šu-gid ₂ e ₂ muhaldim geme ₂ dumu na-KAB- tum u ₄ tug ₂ -ba šu ba-ab-ti ba-ab-gu ₇	animals as šu-gid-contingent to the “kitchen” for women and children of naGaBtum, overseen by PN, with one maškim official	PDT 2 1201:1-5

Type	Comp.	Formula	Commentary	Example
		ugula PN, PN maškim		
bazi F1	1-2	S ba-uš ₂ /ug ₇ e ₂ -kišib-ba-še ₃	dead animals for the storehouse	OIP 121 490:6-7
bazi H9	1-2-6	S, ur-gir ₁₅ -re gu ₇ -de ₃ PN1 i ₃ -dab ₅ ugula PN2	animals for feeding dogs, overseen by PN2, PN1 received/took	Rochester 63:1-5

7.1.10 Brief summary

The total of number of rare or wild animals that Lu-diġira-Ah disbursed (ba-zi) is listed as follows (see Table 7.3):

Table 7.3 Statistics of the number of animals disbursed by Lu-diġira-Ah

Destination	SD.ši	GD.ši	GW	HS	HG	E	C	G	B	Subtotal
Cultic	0	0	1	2	2	1	13	27	1	47
Royal	1	0	0	0	1	0	0	17	0	19
Individual	0	0	0	0	0	0	1	0	0	1
E'uzga	0	0	0	0	0	0	1	1	3	5
Kitchen	8	26	0	1	11	4	7	0	0	57
Storehouse	0	0	0	0	0	0	0	4	0	4
Dog	0	0	0	0	0	2	0	0	0	2
Total:	9	26	1	3	14	7	22	49	4	135

Note: SD.ši = Šimaškian sheep, GD.ši = Šimaškian goat, GW = wild goat, HS = hybrid of sheep with wild sheep, HG = hybrid of goats with wild goats, E = equid, C = deer, G = gazelle, B = bear

The above chart illustrates that, among all of the expenditures (ba-zi) of animals by Lu-diġira-Ah (135), the number of the expenditures (ba-zi) of animals for the “kitchen” (57) is the highest, of which nearly half of the animals (26) are Šimaškian goats. Furthermore, the second highest expenditure (ba-zi) of animals by Lu-diġira-Ah is for cultic purposes (47), of which more than half (27) are gazelles. What is more, among all of the rare or wild animals disbursed by Lu-diġira-Ah, the majority are gazelles (49), which were disbursed for cultic purposes and for members of the royal household almost exclusively. The next most numerous are the Šimaškian goats (26), which were all disbursed for the “kitchen”.

7.2 The expenditure (šu ba-ti) of dead animals accepted by Ur-niġar/Šulgi-iriġu

Lu-diġira-Ah expended (šu ba-ti) 416 dead rare or wild animals which were accepted by Ur-niġar between AS 1 ii 3 and AS 2 xii 25²²⁶⁹, and were accepted by Šulgi-iriġu between AS 3 vii 10

²²⁶⁹ ki Lu₂-diġir-ra-ta, Ur-ni₉-ġar šu ba-ti: Hirose 88 (AS 1 ii 3); Nisaba 8 320 (AS 1 ii 13); ASJ 19 203 12 (AS 1 iii 12); TCND 300 (AS 1 iii 14); BPOA 6 683 (AS 1 iv 20); TCND 304 (AS 1 v 1); MVN 15 336 (AS 1 vi 4); Nisaba 8 235 (AS 1 vii 22); Princeton 1 120 (AS 1 vii 24); Nisaba 8 359 (AS 1 vii 26); NYPL 59 (AS 1 viii 5); MVN 15 19

and AS 9 vii 27²²⁷⁰. The monthly distribution of dead rare or wild animals accepted by Ur-niġar/Šulgi-iriġu from Lu-diġira-Ah is listed as follows (see Table 7.4):

Table 7.4 Monthly distribution of dead animals accepted by Ur-niġar/Šulgi-iriġu from Lu-diġira-Ah

	i	ii	iii	iv	v	vi	vii	viii	ix	x	xi	xii	Sum
AS 1		18	12	1	2	7	4	3	3	5	0	20	75
AS 2	8	9	14	14	5	21	0	11	0	12	16	8	118
AS 3	0	0	0	0	0	0	1	0	0	0	0	0	1
AS 4	8	6	5	0	4	0	2	4	0	0	1	0	30
AS 5	0	7	0	0	0	0	0	0	7	0	0	9	23
AS 6	15	25	13	7	8	6	2	4	6	8	10	26	130
AS 7	0	0	0	0	0	0	0	0	0	0	0	0	0
AS 8	2	1	7	3	1	1	6	2	6	0	1	7	37
AS 9	0	0	0	0	0	0	2						2

From the above chart, some conclusions can be drawn. First, Lu-diġira-Ah expended almost no dead animals at AS 3, AS 5, AS 7 and AS 9. Second, the highest number of dead animals expended in one year was in AS 6, followed by AS 2. The highest number of dead animals

(AS 1 ix 11); OIP 121 480 (AS 1 x 23); BPOA 7 2681 (AS 1 xii 3); Nisaba 8 167 (AS 1 xii 27); MVN 15 337 (AS 1 xii 28); Nisaba 8 193 (AS 2 i 17); MVN 13 66 (AS 2 i 21); PDT 2 847 (AS 2 ii 13); CUSAS 16 301 (AS 2 ii 27); SACT 1 81 (AS 2 iii 4); Nisaba 8 117 (AS 2 iii 19); Hirose 112 (AS 2 iii 24); Atiqot 4 pl.10 57 (AS 2 iii 27); SET 30 (AS 2 iii 29); TCND 313 (AS 2 iii 30); NYPL 9 (AS 2 iv 1); OIP 121 481 (AS 2 iv 2); ÖLZ 1/1952 5 1 (AS 2 iv 18); TRU 222 (AS 2 iv 25); Ripon 3 (AS 2 iv 27); TCND 318 (AS 2 v 11); Nisaba 8 259 (AS 2 v 13); Nisaba 8 94 (AS 2 vi 6); PDT 2 1186 (AS 2 vi 9); MVN 2 327 (AS 2 vi 20); Nisaba 8 205 (AS 2 vi 22); UCP 9-2-2 62 (AS 2 vi 25); KM 89170 (AS 2 viii 29); PDT 2 1083 (AS 2 x 1); Nisaba 8 257 (AS 2 x 8); USC 6796 (AS 2 x 2+); Nisaba 8 198 (AS 2 xi 4); TCND 326 (AS 2 xi 27); NYPL 216 (AS 2 xii 6); Hirose 135 (AS 2 xii 20); MVN 15 344 (AS 2 xii 25); TCND 376 (AS X iii 17).

²²⁷⁰ ki Lu₂-diġir-ra-ta, ^dŠul-gi-iri-ġu₁₀ šu ba-ti: CST 277 (AS 3 vii 10); AUCT 1 849 (AS 4 i 4); Hirose 151 (AS 4 ii 16); Nisaba 8 270 (AS 4 iii 7); AUCT 1 889 (AS 4 v 9); Nisaba 8 312 (AS 4 vii 30); MVN 13 75 (AS 4 viii 8); TCND 334 (AS 4 xi 12); Hirose 180 (AS 5 ii 1); TCND 336 (AS 5 ii 20); Nisaba 8 292 (AS 5 ix 21); OIP 121 484 (AS 5 ix 23); Hirose 216 (AS 5 xii 25); Van Kampen 73 (AS 6 i 5); Nisaba 8 260 (AS 6 i 6); JCS 40 115 8 (AS 6 i 23); ASJ 19 201 4 (AS 6 i 28); Erm 07844 (AS 6 i 30); Hirose 221 (AS 6 ii 1); ASJ 19 201 5 (AS 6 ii 5); PPAC 4 34 (AS 6 ii 8); Princeton 1 110 (AS 6 ii 21); PDT 2 1079 (AS 6 ii 26); Hirose 224 (AS 6 ii 29); Hirose 225 (AS 6 iii 2); Erm 14595 (AS 6 iii 8); BPOA 6 556 (AS 6 iii 20); ASJ 4 64 3 (AS 6 iii 23); TCND 346 (AS 6 iii 24); PPAC 4 36 (AS 6 iii 25); Nisaba 8 284 (AS 6 iv 17); TCND 347 (AS 6 iv 25); OIP 121 485 (AS 6 iv 30); PDT 2 1129 (AS 6 v 2); CST 348 (AS 6 v 21); BPOA 6 727 (AS 6 v 23); JCS 40 237 7 (AS 6 vi 1); OIP 121 486 (AS 6 vi 8); PPAC 4 37 (AS 6 vi 12); PDT 2 1134 (AS 6 vi 20); OIP 121 487 (AS 6 vi 21); Nisaba 8 288 (AS 6 vi 27); UCP 9-2-2 29 (AS 6 vii 22); StLouis 125 (AS 6 vii 23); PPAC 4 38 (AS 6 viii 7); TCND 348 (AS 6 viii 17); BPOA 7 2667 (AS 6 viii 24); Princeton 1 113 (AS 6 ix 6); Hirose 237 (AS 6 ix 14); AUCT 1 616 (AS 6 ix 25); UCP 9-2-2 43 (AS 6 x 2); BIN 3 267 (AS 6 x 7); PDT 1 160 (AS 6 x 14); PDT 2 1127 (AS 6 xi 4); Nisaba 8 276 (AS 6 xi 5); BIN 3 280 (AS 6 xi 14); PPAC 4 39 (AS 6 xi 22); Atiqot pl.10 60 (AS 6 xi 23); Nisaba 8 336 (AS 6 xi 27); Hirose 244 (AS 6 xii 6); TCND 354 (AS 6 xii 8); Fs Leichy 279 4 (AS 6 xii 11); Hirose 246 (AS 6 xii 14); Hirose 247 (AS 6 xii 19); Rochester 68 (AS 6 xii 20+); OIP 121 489 (AS 6 xii 21); B2010.1.59 (AS 6 xii 24); TRU 235 (AS 8 i 3); Nisaba 8 343 (AS 8 i 4); TRU 237 (AS 8 ii 21); TRU 238 (AS 8 iii 9); CST 376 (AS 8 iii 15); BPOA 6 728 (AS 8 iii 17); Hirose 281 (AS 8 iii 23); OIP 121 493 (AS 8 iv 6); Hirose 283 (AS 8 iv 16); ASJ 7 178 TRU 239 (AS 8 iv 21); OIP 121 494 (AS 8 v 6); TCND 367 (AS 8 vi 30); TCND 368 (AS 8 vi X); TCND 369 (AS 8 vii 7); PDT 1 155 (AS 8 vii 20); TRU 240 (AS 8 viii 4); Hirose 290 (AS 8 ix 3); TRU 241 (AS 8 ix 13); Nisaba 8 356 (AS 8 ix 28); TCND 371 (AS 8 xi 7); Nisaba 8 355 (AS 8 xii 16); Hirose 291 (AS 8 xii 17); BIN 5 191 (AS 8 xii 23); TCND 373 (AS 9 vii 27). Note that one text Princeton 2 442, dated AS 7 X 8, mentions that dead oxen and sheep, neither rare nor wild animals, were accepted by Šulgi-iriġu from Lu-diġira. In this case, paradoxically, the animals dealt with by Lu-diġira are neither rare nor wild, so this Lu-diġira may not refer to Lu-diġira-Ah, but an unknown individual. And the transliteration of this text by Sigrist (2005: 342) is doubtful. Note also that one text CDLJ 2006:2 4 (AS 5 x 26) records that four dead animals (2 equids, 2 goats) were accepted by Šulgi-iriġu from Lu-diġira-Ah, not Lugal-heġal (Johnson 2006, collated by Liu 2014b), on the basis of its photograph!

expended in one month was AS 6 xii, followed by the second month of this same year.

One type of formula (sbt001) is attested in the transactions of dead animals from Lu-diġira-Ah to Ur-niġar/Šulgi-iriġu.

7.3 The expenditure (i₃-dab₅) of animals transferred to bureaus and individuals

Lu-diġira-Ah transferred (i₃-dab₅) animals to two officials of the subordinate bureaus of the Puzriš-Dagan organization: Šulgi-a'aġu (5 oxen)²²⁷¹ and Turam-Dagan (22 sheep hybrids)²²⁷², and to three individuals: Atakalšum (5 deer, 5 sheep hybrids, 5 goat hybrids)²²⁷³, Šu-Eštar the jester (x bear)²²⁷⁴ and Ur-Bau (1 equid)²²⁷⁵.

The following five formulae are attested in the transfers of animals from Lu-diġira-Ah to bureaus and individuals (see Table 7.5):

Table 7.5 Formulae attested in the transfers of animals from Lu-diġira-Ah

Type	Formula	Example
idab002	S, ki B-ta, PN i ₃ -dab ₅ , MY	AUCT 2 191
idab003	S, ki B-ta, PN i ₃ -dab ₅ , iti u ₄ N ba-zal, MY	CDLJ 2002/1 2
idab052	S, GN-še ₃ , ki B-ta, PN i ₃ -dab ₅ , MY	MVN 13 466
idab178	S, nam u ₄ -da-tuš-še ₃ , ki B-ta, PN i ₃ -dab ₅ , iti u ₄ N ba-zal, MY	TRU 45
idab179	S, iti u ₄ N ba-zal, ki B-ta, PN i ₃ -dab ₅ , ġiri ₃ PN, ša ₃ GN, MY	BIN 3 114

7.4 Summary

7.4.1 Between AS 1 ii 18 and AS 9 xi 20, Lu-diġira-Ah expended (ba-zi) 135 rare or wild animals in total for cultic purposes, members of the royal household, one individual, the E'uzga, the “kitchen”, the storehouse and feeding dogs.

7.4.2 Between AS 1 ii 3 and AS 9 vii 27, Lu-diġira-Ah expended (šu ba-ti) 416 dead rare or wild animals, which were accepted by Ur-niġar and Šulgi-iriġu.

7.4.3 Between AS 2 ii 28 and AS 8 ix, Lu-diġira-Ah transferred (i₃-dab₅) 43+ rare or wild animals to two bureaus of the Puzriš-Dagan organization and three individuals.

²²⁷¹ ki Lu₂-diġir-ra dumu Arad₂-hul₃-la-ta, ^dŠul-gi-a-a-ġu₁₀ i₃-dab₅: CDLJ 2002/1 2 (AS 2 ii 28). For Šulgi-a'aġu, see Chapter 3.1.2.

²²⁷² ki Lu₂-diġir-ra-ta, Tu-ra-am-^dDa-gan i₃-dab₅: BIN 3 114 (AS 5 ii 13, ġiri₃ Niġ₂-mu-mu-kal-le ra₂-gaba “via Niġ-mumukalle the equestrian”). For Turam-Dagan, see Chapter 4.2.

²²⁷³ ki Lu₂-diġir-ra-ta, A-ta₂-kal₂-šum i₃-dab₅: MVN 13 466 (AS 8 ix, na-KAB-tum Unu^{ki}-ga-še₃ “to the naGaBtum branch of Uruk”). For the name A-ta₂-kal₂-šum, see Hilgert 2002: 188.

²²⁷⁴ ki Lu₂-diġir-ra-ta, Šu-Eš₁₈-tar₂ u₄-da-tuš i₃-dab₅: TRU 45 (AS 3 iv 1, nam u₄-da-tuš “for the jester-ship”).

²²⁷⁵ ki Lu₂-diġir-ra dumu Arad₂-hul₃-la-ta, Ur-^dBa-u₂ i₃-dab₅: AUCT 2 191 (AS 2 viii).

8 The Bureau of Lu-saga

The administrative documents issued by the bureau of Lu-saga date between AS 6 xi 26²²⁷⁶ to AS 9 xii 2²²⁷⁷. Lu-saga temporarily replaced Kamu as a liaison between the Puzriš-Dagan organization and various provinces²²⁷⁸. In addition, the administrative activities issued by Lu-saga consist of the expenditures (ba-zi) of animals for cultic purposes (see 8.1.1), for the “kitchen” (see 8.1.2), and for the prison (see 8.1.3).

8.1 The expenditure (ba-zi) of animals for cultic purposes

Lu-saga expended (ba-zi) animals for the following deities: Enlil²²⁷⁹, Enlil-Ninlil²²⁸⁰, Inana²²⁸¹, Nanna²²⁸² and Ninlil²²⁸³. Also, he expended (ba-zi) animals for Hursaġgalama²²⁸⁴, for the libation-place²²⁸⁵, for the throne of Enlil²²⁸⁶, for the GANA-da-rite²²⁸⁷ and for the bathing ritual of Nintinugga²²⁸⁸.

8.2 The expenditure (ba-zi) of animals for the “kitchen”

Lu-saga expended (ba-zi) animals for the “kitchen”²²⁸⁹.

8.3 The expenditure (ba-zi) of animals for the prison (e₂-gu-la)

Lu-saga expended (ba-zi) dead animals, which Šulgi-iriġu accepted (šu ba-ti), to the prison

²²⁷⁶ KM 89315 (AS 6 xi 26). Note that two texts, PDT 1 300 dated AS 4 iv 15 and SAT 2 812 dated AS 4, bear the same seal impression ^dEn-lil₂-la₂ dumu I₃-kal-la sipa gu₄ niga “Enlila son of Ikala the barley-fed ox-herder”. Note also that one text BIN 3 238 dated SS 4 vi mentions that one goat was transferred from Lu-saga to Ur-mes with the seal impression Ur-mes dumu La-na kurušda “Ur-mes son of Lana the fattener”. The three texts own the following similarities: firstly, they do not mention the bala-duty; secondly, they are related to individuals who held the same title kurušda “fattener”.

²²⁷⁷ TLB 3 28 (AS 9 xii 2).

²²⁷⁸ Also see Sharlach 2004:150-151 and Tsouparopoulou 2008: 267-268.

²²⁷⁹ ^dEn-lil₂: KM 89315:5,13 (AS 6 xi 26, bala ensi₂ Kuara₂^{ki}); AAICAB 1/2 pl.112 1937-629:5 (AS 7 xi 27, bala ensi₂ Babilim^{ki}); JCS 57 27 3:5 (AS 9 ix 3, bala Ur-^dNin-kur-ra ensi₂ Šuruppag^{ki}).

²²⁸⁰ ^dEn-lil₂ ^dNin-lil₂: TCND 257:5 (AS 9 viii 10, bala A-a-kal-la ensi₂ Umma^{ki}); MVN 15 50:5 (AS 9 viii 22, bala A-a-kal-la ensi₂ Umma^{ki}); Erm 07901:4 (AS 9 viii 23, bala A-a-kal-la ensi₂ Umma^{ki}); Erm 07888:6 (AS 9 ix 1, bala Ur-^dNin-kur-ra ensi₂ Šuruppag^{ki}); JCS 57 27 3:3 (AS 9 ix 3, bala Ur-^dNin-kur-ra ensi₂ Šuruppag^{ki}).

²²⁸¹ ma-an-za-aš₂-tum ^dInana: KM 89315:19-20 (AS 6 xi 26, bala ensi₂ Kuara₂^{ki}).

²²⁸² ^dNanna igi-du₈-a: AAICAB 1/2 pl.112 1937-629:8 (AS 7 xi 27, bala ensi₂ Babilim^{ki}). For the phrase ^dNanna igi-du₈-a „Nanna erblickt habend“, see Sallaberger 1993: 52.

²²⁸³ ^dNin-lil₂: KM 89315:9, 14 (AS 6 xi 26, bala ensi₂ Kuara₂^{ki}); AAICAB 1/2 pl.112 1937-629:6 (AS 7 xi 27, bala ensi₂ Babilim^{ki}); JCS 57 27 3:6 (AS 9 ix 3, bala Ur-^dNin-kur-ra ensi₂ Šuruppag^{ki}).

²²⁸⁴ Hur-saġ-ga-lam-ma: KM 89315:6 (AS 6 xi 26, bala ensi₂ Kuara₂^{ki}).

²²⁸⁵ ki-a-naġ: KM 89315:4 (AS 6 xi 26, bala ensi₂ Kuara₂^{ki}); AAICAB 1/2 pl.112 1937-629:4 (AS 7 xi 27, bala ensi₂ Babilim^{ki}).

²²⁸⁶ ^dgu-za ^dEn-lil₂-la₂: KM 89315:7 (AS 6 xi 26, bala ensi₂ Kuara₂^{ki}).

²²⁸⁷ GANA₂-da: KM 89315:17-18 (AS 6 xi 26, bala ensi₂ Kuara₂^{ki}); AAICAB 1/2 pl.112 1937-629:10 (AS 7 xi 27, bala ensi₂ Babilim^{ki}). For the term GANA₂-da, see Sallaberger 1993: 52.

²²⁸⁸ a-tu₅-a ^dNin-tin-ug₅-ga: OIP 121 550:2 (AS 9 iii 2, bala Im-lik-E₂-a ensi₂ Mar₂-da^{ki}); TLB 3 28:2 (AS 9 xii 2, bala Arad₂-ġu₁₀ ensi₂ Ġir₂-su^{ki}).

²²⁸⁹ e₂ muhaldim: KM 89315:3 (AS 6 xi 26, bala ensi₂ Kuara₂^{ki}); AAICAB 1/2 pl.112 1937-629:3 (AS 7 xi 27, bala ensi₂ Babilim^{ki}).

(e₂-gu-la)²²⁹⁰.

Note that the expenditures (ba-zi) of animals by Lu-saga for cultic purposes, for the “kitchen” and for the prison belong to the bala-duties of the following provincial governors (bala PN):

Date	Provincial Governor
AS 6 xi	<Enlil-zišaġal> of Kuara
AS 7 xi	<Aršiah> of Babylon
AS 9 iii	Imlik-Ea of Marda
AS 9 viii	A’a-kala of Umma
AS 9 ix	Ur-Ninkura of Šuruppag
AS 9 xii	Aradġu of Girsu

8.4 The expenditure (ba-zi) of animals for governors or temple perfects as the bala-fund

Apart from expending (ba-zi) animals from the bala-funds of provincial governors or temple perfects for cultic purposes, the “kitchen” and the prison, Lu-saga also expended (ba-zi) animals designated as bala-a zi-ga “withdrawal from the bala-fund” for provincial governors or temple perfects, with two different forms, namely PN i₃-dab₅ “PN received” and kišib PN “sealed by PN”. All records are monthly. The provincial governors or temple perfects, who were the recipients of animals, are as follows:

Date	Provincial governor or temple perfects
AS 6 xi	Aršiah of Babylon ²²⁹¹
AS 7 iii	Lišanum of Marda ²²⁹²
AS 7 v	Nur-Dagan of Sippar ²²⁹³
AS 7 vi	Ur-sasaga of Išim-Šulgi ²²⁹⁴
AS 7 vii	Gudea of Gudua ²²⁹⁵
AS 8 x	Ur-Šulgi of Ningal (šabra) ²²⁹⁶

8.5 Formulary

There are two types of formulae attested in the expenditures (ba-zi) of animals by Lu-saga. Among them, the expenditures (ba-zi) of animals by Lu-saga for cultic purposes, the “kitchen” and the prison use one formula (Type γ) as follows:

²²⁹⁰ e₂-gu-la d^čSul-gi-iri-ġu₁₀ šu ba-ti: KM 89315:24-25 (AS 6 xi 26, bala ensi₂ Kuara₂^{ki}). Other references to the phrase e₂-gu-la related to d^čSul-gi-iri-ġu₁₀ šu ba-ti are MVN 10 144, MVN 13 128 and MVN 13 829, all of which are dated IS 2. For the term e₂-gu-la, see Hallo 1979: 163.

²²⁹¹ Ar-ši-ah ensi₂ Babilim^{ki} i₃-dab₅: OIP 121 549 (AS 6 xi).

²²⁹² kišib [Li]-ša-[num₂] ensi₂ [Mar₂-d]a^{ki}: BPOA 7 2618 (AS 7 iii).

²²⁹³ kišib Nu-ur₂-^dDa-gan ensi₂ Zimbir^{ki}: MVN 13 854 (AS 7 v).

²²⁹⁴ kišib Ur-sa₆-sa₆-ga ensi₂ I-šim-^dSul-gi^{ki}-ra: PDT 2 1097 (AS 7 vi).

²²⁹⁵ kišib Gu₃-de₂-a ensi₂ Gu₂-du₈-a^{ki}: JCS 14 110 10 (AS 7 vii).

²²⁹⁶ Ur-^dSul-gi-ra šabra^dNin-gal i₃-dab₅: CST 386 (AS 8 x).

Lu-saga ba-zi: Type γ (AS 6 xi 26 – AS 9 xii 2)

Body Section	S, D (=destination)
Day date formula	iti u ₄ N ba-zal / u ₄ N-kam
Bala-fund	bala PN (=ensi ₂)
Disbursement	ki B-ta ba-zi
Concluding- \hat{g} iri ₃	(\hat{g} iri ₃ PN)
Month/Year date formula	M/Y

Additionally, the expenditures (ba-zi) of animals by Lu-saga for provincial governors or temple perfects as the bala-fund use another formula (Type δ):

Lu-saga ba-zi: Type δ (AS 6 xi – AS 8 x)

Body Section	S bala-a zi-ga PN i ₃ -dab ₅ / kišib PN (=ensi ₂ /šabra)
Disbursement	ki B-ta ba-zi
Month/Year date formula	M/Y

On the basis of the first type (Type γ), represented by Body Section (animals + destination), the following 12 types of formulae are attested in the disbursements of animals by Lu-saga for cultic purposes (bazi A114-123), for the “kitchen” (bazi E12), and for other purposes (bazi K24) (see Table 8.1).

Table 8.1 Formulae attested in the disbursements of animals by Lu-saga (Type γ)

Type	Comp.	Formula	Commentary	Example
bazi A114	1-2-4	S, GANA ₂ -da PN maškim	animals for the GANA-da-site with one maškim official	KM 89315:17-18
bazi A115	1-2-8-4	S, DN \hat{g} išbun _x (KI.BI) ša ₃ e ₂ -gal PN maškim	animals for two or more deities, for the banquet at palace with one maškim official	AAICAB 1/2 pl.112 1937-629:5- 7,9
bazi A116	1-2	S, a-tu ₅ -a DN	animals for the royal lustration rite	OIP 121 550:1-2
bazi A117	1-2-4	S, a-tu ₅ -a DN PN maškim	animals for the royal lustration rite with one maškim official	TLB 3 28:1-3
bazi A118	1-2-4	S1 a ₂ - \hat{g} i ₆ -ba-a S2 a ₂ -u ₄ -te-na DN lugal ku ₄ -ra	animals for one deity, with royal presentation	TCND 257:1-6
bazi A119	1-2-4	S1 a ₂ - \hat{g} i ₆ -ba-a S2 a ₂ -u ₄ -te-na DN PN maškim	animals for one deity, with one maškim official	Erm 07901:1-5
bazi A120	1-4-2	S1 a ₂ - \hat{g} i ₆ -ba-a lugal ku ₄ -ra	animals for one deity, with royal presentation and one maškim official	MVN 15 50:1-5

Type	Comp.	Formula	Commentary	Example
		S2 a ₂ -u ₄ -te-na PN maškim DN		
bazi A121	1-4-2	S1 a ₂ -ġi ₆ -ba-a PN maškim S2 a ₂ -u ₄ -te-na PN maškim DN	animals for one deity, with more maškim officials	Erm 07888:1-6
bazi A122	1-2-4	S1 a ₂ -ġi ₆ -ba-a DN1 ša ₃ GN <u>S2, DN2</u> ma ₂ DN-ta ku ₄ -ra ša ₃ GN a ₂ -u ₄ -te-na lugal ku ₄ -ra	animals for more deities, with royal presentation	JCS 57 27 3:1-10
bazi A123	1-2-4	S1, ki-a-naġ; S2, DN1; S3, Hur-saġ-ga-lam-ma ša ₃ e ₂ DN1 S4, DN2; S5, DN ša ₃ e ₂ DN2 lugal ku ₄ -ra S5, DN1; S6, DN2 ku ₆ -da ku ₄ -ra PN maškim	animals for libation-place, for DN1, for Hursaġgalama, at temple of DN1; animals for DN2, for DN, at temple of DN2; with royal presentation. animals for DN1 and for DN2 with one maškim official	KM 89315:4-16
bazi E12	1-2	S, e ₂ muhaldim-še ₃	animals for the “kitchen”	KM 89315:1-3
bazi K24	1-2-6	S ba-uš ₂ /ug ₇ e ₂ -gu-la PN šu ba-ti	dead animals for the prison, which PN received	KM 89315:24-25

8.6 Summary

8.6.1 Between AS 6 xi 26 to AS 9 xii 2, Lu-saga expended (ba-zi) 22 oxen and 17+ sheep for cultic purposes.

8.6.2 In AS 6 xi 26 and AS 7 xi 27, Lu-saga expended (ba-zi) 20 sheep and two goats for the “kitchen”.

8.6.3 In AS 6 xi 26, Lu-saga expended (ba-zi) an unknown number of animal(s) for the prison.

8.6.4 Between AS 6 xi and AS 8 x, Lu-saga expended (ba-zi) 225 oxen, 1,013+ sheep and 99+ goats for provincial governors or temple perfects as the bala-fund.

9 The Bureau of Nalu

The administrative documents issued by the bureau of Nalu date between Š 43 ii 28²²⁹⁷ and SS 6 i 27²²⁹⁸, which spans the entire reign of Amar-Suen. And the administrative activities of Nalu can be divided into the following categories:

1. The expenditure (ba-zi) of animals for cultic purposes, members of the royal household, different individuals, the E'uzga, the "kitchen", the storehouse, the village, feeding dogs and the bala-fund.
2. The expenditure (šu ba-ti) of dead animals accepted by Ur-niġar and Šulgi-iriġu.
3. The expenditure (i₃-dab₅) of animals transferred to bureaus and individuals.
4. The receipt (i₃-dab₅) of new-born animals (u₃-tu-da).

9.1 The expenditure (ba-zi) of animals

Between AS 1 i and AS 9 xi 28, Nalu expended (ba-zi) animals for cultic purposes (see 9.1.1), for members of the royal household (see 9.1.2), for different individuals (see 9.1.3), for the E'uzga (see 9.1.4), for the "kitchen" (see 9.1.5), for the storehouse (see 9.1.6), for the village (see 9.1.7), for feeding dogs (see 9.1.8) and for the bala-fund (see 9.1.9).

9.1.1 For cultic purposes

9.1.1.1 For deities

Nalu expended (ba-zi) animals for the following deities: Allatum²²⁹⁹, An²³⁰⁰, AN.KILU.ALIM²³⁰¹, Annunitum²³⁰², Ašnan-utu²³⁰³, Bau²³⁰⁴, Dumuzi²³⁰⁵, Enki²³⁰⁶, Enlil²³⁰⁷, Enme-Šara²³⁰⁸, Gula²³⁰⁹,

²²⁹⁷ Nisaba 8 215 (Š 43 ii 28): zi-ga ki Na-lu₅ "withdrawal of Nalu". Note that the earliest text issued by Nalu related to non-animals dates to Š 28 xii (JCS 31 133 1: ki Na-lu₅-ta, Šu-ku-bu-um šu ba-ti "from Nalu, Šukubum received").

²²⁹⁸ Rochester 88 (SS 6 i 27): ki Na-lu₅-ta ba-zi "from Nalu, withdrawn".

²²⁹⁹ ^dAl-la-tum: MVN 3 228:15 (AS 4 i 14); TRU 323:15 (AS 7 vi 11). For this deity, see Such-Gutiérrez 2003: 311-312.

²³⁰⁰ An: TJA pl.68 IES 132:2 (AS 6 i 18); TRU 323:7 (AS 7 vi 11, uzu-a-bala); Princeton 2 316:13 (AS 8 vi 7, eš₃-eš₃). For the phrase uzu-a-bala „Kochfleisch“, see Sallaberger 1993: 113.

²³⁰¹ AN.KILU₂.ALIM: Kyoto 22:8 (AS 9 x 27). For this deity, see Sallaberger 1993: 103.

²³⁰² An-nu-ni-tum: AUCT 1 312:2 (AS 2 iv 1, ezem diġir ku-ku-še₃); MVN 3 228:13 (AS 4 i 14). For the phrase ezem diġir ku-ku „Fest des Eintretend der Gottheit“, see Sallaberger 1993: 203-204. Other references to this phrase are AUCT 2 82 (SS 1 iii 30) and TCL 2 5552 (SS 3 iii 2).

²³⁰³ ^dAšnan-u₃-tu: AUCT 2 218:2 (AS 9 x 10). For this deity, see Such-Gutiérrez 2003: 321.

²³⁰⁴ ^dBa-u₂: CST 391:8 (AS 9 i 24, mu ME-^dIštaran-<še₃> "on behalf of ME-Ištaran").

²³⁰⁵ ^dDumu-zi: YOS 18 13:23 (AS 1 i, udu eš₃-eš₃-kam). For the phrase udu eš₃-eš₃-kam „Kleinvieh der eš₃-eš₃-Feier“, see Sallaberger 1993: 57.

²³⁰⁶ ^dEn-ki: YOS 18 13:29 (AS 1 i, udu eš₃-eš₃-kam); NYPL 252:2 (AS 1 ii 14); Rochester 53:2-3 (AS 5 v, bala ^dŠara₂-kam ensi₂ Ġir₂-su^{ki}-ka ba-an-zi); CDLJ 2012/1 4.40:8 (AS 9 x 9). ^dEn-ki nin-ul-IL₂: BPOA 7 2736:3 (AS 8 x). For the phrase ^dEn-ki nin-ul-IL₂, see Sallaberger 1993: 223.

²³⁰⁷ ^dEn-lil₂: YOS 18 13:3 (AS 1 i); YOS 18 13:6 (AS 1 i, nidba ^dEN.ZU ša₃ e₂-^dEn-lil₂-la₂ "nidba-offering at the temple of Enlil"); YOS 18 13:12 (AS 1 i, udu eš₃-eš₃-kam "sheep for festival"); OIP 121 432:1 (AS 1 iii 22); CST 226:2 (AS 1 iv 19); BIN 3 33:2 (AS 1 iv 22); PPAC 4 153:1 (AS 1 vii 23); CST 236:2 (AS 1 ix 8, e₂-eš₃-gi-a ku₄-ra "entering into ešgia-temple"); OIP 121 437:1 (AS 3 ii 9); OIP 121 441:1 (AS 3 v 17); BPOA 7 2641:1 (AS 3 vi 7); BIN 3 423:1 (AS 3 vi 8); Princeton 2 474:1 (AS 3 viii 21); ASJ 17 326 2:4 (AS 3 ix X); ASJ 17 326 2:10 (AS 3 ix X, udu eš₃-eš₃-kam); PDT 1 379:2 (AS 3 x 13, maš₂ lu-ub₂^{smr} ab-e₃); SACT 1 145:3 (AS 3 x 21); BPOA 7 2957:2 (AS 3 xii 9, a₂-ki-ti še-KIN-ku₃); AUCT 1 13:1 (AS 4 ii 10); TLB 3 98:2 (AS 4 iv 8, ša₃ a₂-ki-ti šu-numun); BPOA 7

Haniš²³¹⁰, Idim²³¹¹, Inana²³¹², Iškur²³¹³, Kurra-igiġal²³¹⁴, Lugal-banda²³¹⁵, Lugal-gusisu²³¹⁶, Lugal-mušlah²³¹⁷, Meslamtaea²³¹⁸, Nana'a²³¹⁹, Nanna²³²⁰/Suen²³²¹, NinDA²³²², Ninegal²³²³, Nin-gagia²³²⁴, Ninġišzida²³²⁵, Ningublaga²³²⁶, Ninhursag²³²⁷, Nin-imma²³²⁸, Nin-Isin²³²⁹, Nin-kununna²³³⁰,

2835:2 (AS 4 iv 20); OIP 121 446:1 (AS 4 vii 9, ša₃ a₂-ki-ti); Erm 14689:1 (AS 4 xii 5); OIP 121 452:4 (AS 5 i 18); OIP 121 453:2 (AS 5 ii 3); CST 337:2,5 (AS 5 xii 10, ša₃ a₂-ki-ti); YOS 18 14:1 (AS 5 xii 20); AUCT 2 318:1 (AS 5 xii 22); BPOA 6 188:4 (AS 6 iii X); BPOA 6 188:7 (AS 6 iii X, nidba^dEN.ZU ša₃ e₂^dEn-lil₂-la₂); PDT 2 1286:1 (AS 6 vii 27); PDT 2 1286:6 (AS 6 vii 27, ezem du₆-ku₃-ga); AAICAB 1/1 pl.59 1923-421:1 (AS 6 xi 19); BPOA 6 878:2 (AS 7 iii 1); Rochester 71:2 (AS 7 iii 6); TRU 323:2 (AS 7 vi 11); BPOA 7 2811:1 (AS 7 xii 18); BIN 3 547:1 (AS 8 i 16, uzu-a-bala); BIN 3 547:23 (AS 8 i 16); BIN 3 547:5 (AS 8 i 16); MVN 13 139:3 (AS 8 ii 7, udu eš₃-eš₃-kam); PDT 1 544:3 (AS 8 ii 29); AAICAB 1/4 Bod S 429:1 (AS 8 iii 5); TRU 324:1 (AS 8 iii 14); TRU 324:6 (AS 8 iii 14, siskur₂ ša₃ a-ša₃^dAmar-^dEN.ZU-engar-^dEn-lil₂-la₂ “siskur-rite at the field of Amar-Suen-engar-Enlila”); SACT 1 162:2 (AS 8 iii 20); Princeton 2 316:4 (AS 8 vi 7, eš₃-eš₃); Princeton 2 108:1 (AS 8 vi 9); BIN 3 164:3 (AS 8 xii 4+); CST 391:2 (AS 9 i 24); OIP 121 464:3 (AS 9 ii 10); Kyoto 22:1 (AS 9 x 27). For the phrase e₂-eš₃-gi “(Hoch-)Tempel (des) ‘Sanktuarium(s)’, des Rohr(heiligtums)”, see Such-Gutiérrez 2003: 277. For the clause maš₂ lu-ub₂^{sat} ab-e₃, see Sallaberger 1993: 147 and Such-Gutiérrez 2003: 65. For the phrase ezem du₆-ku₃-ga “Duku-Fest”, see Sallaberger 1993: 129-130.

²³⁰⁸ ^dEn-me-šar₂-ra: Hirose 134:2 (AS 2 xii 21). For this deity, see Such-Gutiérrez 2003: 120.

²³⁰⁹ ^dGu-la: Hirose 91:3 (AS 1 vi 17); Tavolette 330:6 (AS 1 x 21).

²³¹⁰ ^dHa-ni-iš: BIN 3 70:6 (AS 3 x 27). For this deity, see Edzard 1972-1975b and Such-Gutiérrez 2003: 331.

²³¹¹ ^dIdim: BPOA 7 2202:8 (AS 6 vii 1). Another possible reading of this deity is ^dBE (or AN.BAD), for which see Beaulieu 1998:180 (“The logogram ^dBE usually denotes either Ea or Enlil in the first millennium”) and Fleming 1993:97 (“Ebla texts describe various deities by the formula ^dBE plus some referent, where ^dBE should stand for *Bel*, perhaps as an abbreviated Akkadogram”). Also, for this official named Šu-Idim, see Chapter 13.

²³¹² ^dInana: YOS 18 13:21 (AS 1 i, udu eš₃-eš₃-kam); PDT 2 1114:1 (AS 1 iv 7); Hirose 91:2 (AS 1 vi 17); Tavolette 330:5 (AS 1 x 21); Tavolette 330:1 (AS 1 x 21, siskur₂^dInana); BIN 3 529:3 (AS 3 i 15); CST 282:2 (AS 3 ix 30); ASJ 17 326 2:19 (AS 3 ix X, udu eš₃-eš₃-kam); BIN 3 70:3 (AS 3 x 27, kaš-de₂-a^dInana); JCS 46 125 EM 4:2 (AS 4 x 22); TRU 322:4 (AS 5 i 15, uzu-a-bala); TJA pl.68 IES 132:4 (AS 6 i 18); BIN 3 357:2 (AS 6 x 24); OIP 121 456:2 (AS 6 x 25); TRU 323:11 (AS 7 vi 11, ezem kin^dInana); MVN 13 139:17 (AS 8 ii 7, udu eš₃-eš₃-kam); PDT 1 544:10 (AS 8 ii 29); Princeton 2 316:14 (AS 8 vi, eš₃-eš₃ u₄ 7-kam); NYPL 357:5 (AS 9 iii 15, uzu-a-bala, siskur₂ gu-la); CDLJ 2012/1 4.40:2 (AS 9 x 9); Van Kampen 74:2 (AS 9 xi 23, siskur₂ ma₂ An-na). siskur₂^dInana: ASJ 17 326 2:3 (AS 3 ix X); AUCT 1 657:2 (AS 5 vii 28, mu ME-^dIštaran-še₃); BPOA 6 188:3 (AS 6 iii X); TRU 323:18 (AS 7 vi 11); PDT 1 544:13 (AS 8 ii 29). For the phrase ezem kin^dInana, see Sallaberger 1993: 127.

²³¹³ siskur₂^dIškur: CST 337:8 (AS 5 xii 10, ša₃ a₂-ki-ti).

²³¹⁴ ^dKur-ra-igi-ġal₂: YOS 18 13:31 (AS 1 i, udu eš₃-eš₃-kam). For this deity, see Sallaberger 1993: 53 and Such-Gutiérrez 2003: 337.

²³¹⁵ ^dLugal-banda₃^{da}: YOS 18 13:25 (AS 1 i, udu eš₃-eš₃-kam); BIN 3 547:20 (AS 8 i 16, siskur₂-ġi₆). For this deity, see Such-Gutiérrez 2003: 339.

²³¹⁶ ^dLugal-gu₄-si-su: YOS 18 13:28 (AS 1 i, udu eš₃-eš₃-kam). For this deity, see Lambert 1987-1990 and Such-Gutiérrez 2003: 340.

²³¹⁷ ^dLugal-muš₂-lah₅: MVN 3 228:10 (AS 4 i 14). For the reading of this deity, see Klein 1990: 35.

²³¹⁸ ^dMes-lam-ta-e₃-a: MVN 3 228:16 (AS 4 i 14). For this deity, see Such-Gutiérrez 2003: 343-344.

²³¹⁹ ^dNa-na-a: Tavolette 330:8 (AS 1 x 21); CST 282:4 (AS 3 ix 30); BPOA 7 2202:9 (AS 6 vii 1); NYPL 357:8 (AS 9 iii 15).

²³²⁰ ^dNanna: SET 59:4 (AS 3 i 3, ša₃ a₂-ki-ti); ASJ 17 326 2:25 (AS 3 ix X, udu eš₃-eš₃-kam); MVN 3 228:5 (AS 4 i 14); OIP 121 446:3,5 (AS 4 vii 9, ša₃ a₂-ki-ti); Erm 14600:3 (AS 5 iv 21); BPOA 7 2202:1 (AS 6 vii 1); OIP 121 458:2 (AS 7 vii 9); UDT 169:1 (AS 9 x 4), šeš-da-gu₇^dNanna-še₃: Ontario 1 105:3 (AS 1 ii 30); TRU 321:2 (AS 4 iii 1). For the phrase šeš-da-gu₇^dNanna-še₃ “šeš-da-Essen Nannas”, see Sallaberger 1993: 195.

²³²¹ ^dEN.ZU: YOS 18 13:22 (AS 1 i, udu eš₃-eš₃-kam); ASJ 17 326 2:20 (AS 3 ix X, udu eš₃-eš₃-kam).

²³²² ^dNin-DA: UDT 169:3 (AS 9 x 4). For this deity, see Such-Gutiérrez 2003: 347.

²³²³ ^dNin-gal: YOS 18 13:34 (AS 1 i 30, e₂-u₄-sakar); MVN 3 228:3 (AS 4 i 14).

²³²⁴ ^dNin-ga₂-gi₄-a: YOS 18 13:16 (AS 1 i, udu eš₃-eš₃-kam). For this deity, see Such-Gutiérrez 2003: 269.

²³²⁵ ^dNin-ġiš-zi-da: JCS 46 125 EM 4:3 (AS 4 x 22).

²³²⁶ ^dNin-gublaga: MVN 3 228:8 (AS 4 i 14); TRU 320:2 (AS 3 x 5). For this deity, see Such-Gutiérrez 2003: 352.

²³²⁷ ^dNin-hur-saġ (nu-banda₃): YOS 18 13:17 (AS 1 i, udu eš₃-eš₃-kam); CST 236:6 (AS 1 ix 8, e₂-eš₃-gi-a ku₄-ra); SET 59:8 (AS 3 i 3, ša₃ a₂-ki-ti); ASJ 17 326 2:15 (AS 3 ix X, udu eš₃-eš₃-kam); BPOA 7 2202:6 (AS 6 vii 1, niġ₂-ezem-ma); PDT 2 1286:14 (AS 6 vii 27, ezem du₆-ku₃-ga); MVN 13 139:9 (AS 8 ii 7, udu eš₃-eš₃-kam); Princeton 2 316:8 (AS 8 vi 7, eš₃-eš₃).

²³²⁸ ^dNin-im-ma: YOS 18 13:27 (AS 1 i, udu eš₃-eš₃-kam). For this deity, see Focke 1998 and Such-Gutiérrez 2003: 280-284.

Ninlil²³³¹, Ninsun²³³², Nin-šagepada²³³³, Nintinugga²³³⁴, Ninurta²³³⁵, Nusku²³³⁶, Šu-ilat²³³⁷, Šuzi-anna²³³⁸, Ulmašitum²³³⁹, and Utu²³⁴⁰.

9.1.1.2 For the late deified kings

Nalu expended (ba-zi) animals for the place of libation of Ur-Namma²³⁴¹, for Šulgi²³⁴², for the rite of Šulgi²³⁴³, for the throne of Šulgi²³⁴⁴ and for the place of libation of Šulgi²³⁴⁵.

9.1.1.3 For additional cultic purposes

Apart from the deities and the late deified kings, Nalu also expended (ba-zi) animals for the following 20 types of cultic purposes: (1) the “place” of Suen²³⁴⁶, (2) the “place” of Utu²³⁴⁷, (3) the

²³²⁹ ^dNin-Isin₂^{si} Umma^{ki}: BPOA 7 2641:3,7 (AS 3 vi 7); BIN 3 423:5 (AS 3 vi 8).

²³³⁰ ^dNin-ku₃-nun-na: MVN 3 228:11 (AS 4 i 14).

²³³¹ ^dNin-lil₂: YOS 18 13:4 (AS 1 i); YOS 18 13:7 (AS 1 i, nidba ^dEN.ZU, ša₃ e₂-^dEn-lil₂-la₂); YOS 18 13:14 (AS 1 i, udu eš₃-eš₃-kam); OIP 121 432:2,4 (AS 1 iii 22); CST 226:4 (AS 1 iv 19); BIN 3 33:4 (AS 1 iv 22); PPAC 4 153:2 (AS 1 vii 23); CST 236:4 (AS 1 ix 8, e₂-eš₃-gi-a ku₄-ra); OIP 121 437:5 (AS 3 ii 9); OIP 121 441:4 (AS 3 v 17); BPOA 7 2641:2 (AS 3 vi 7); BIN 3 423:2 (AS 3 vi 8); Princeton 2 474:2 (AS 3 viii 21); ASJ 17 326 2:6,13 (AS 3 ix X); PDT 1 379:4 (AS 3 x 13, maš lu-ub₂^{sar} ab-e₃); SACT 1 145:5 (AS 3 x 21); BPOA 7 2957:4 (AS 3 xii 9, a₂-ki-ti še-KIN-ku₅); AUCT 1 13:4 (AS 4 ii 10); TLB 3 98:4 (AS 4 iv 8, ša₃ a₂-ki-ti šu-numun); BPOA 7 2835:4 (AS 4 iv 20); Erm 14689:2 (AS 4 xii 5); OIP 121 452:8 (AS 5 i 18); OIP 121 453:4 (AS 5 ii 3); CST 337:3,6 (AS 5 xii 10, ša₃ a₂-ki-ti); YOS 18 14:6 (AS 5 xii 20); AUCT 2 318:6 (AS 5 xii 22); BPOA 6 188:5 (AS 6 iii X); BPOA 6 188:8 (AS 6 iii X, nidba ^dEN.ZU ša₃ e₂ ^dEn-lil₂-la₂); PDT 2 1286:4 (AS 6 vii 27); PDT 2 1286:9 (AS 6 vii 27, ezem du₆-ku₃-ga); AAICAB 1/1 pl.59 1923-421:2 (AS 6 xi 19); BPOA 6 878:6 (AS 7 iii 1); Rochester 71:5 (AS 7 iii 6); TRU 323:5 (AS 7 vi 11); BPOA 7 2811:4 (AS 7 xii 18); BIN 3 547:3,8 (AS 8 i 16); MVN 13 139:7 (AS 8 ii 7, udu eš₃-eš₃-kam); PDT 1 544:8 (AS 8 ii 29); AAICAB 1/4 Bod S 429:4 (AS 8 iii 5); TRU 324:4 (AS 8 iii 14); TRU 324:7 (AS 8 iii 14, ša₃ a-ša₃ ^dAmar-^dEN.ZU-engar-^dEn-lil₂-la₂); SACT 1 162:4 (AS 8 iii 20); Princeton 2 316:6 (AS 8 vi 7, eš₃-eš₃); Princeton 2 108:4 (AS 8 vi 9); BIN 3 164:8 (AS 8 xii 4+); CST 391:5 (AS 9 i 24); OIP 121 464:6 (AS 9 ii 10); Kyoto 22:2 (AS 9 x 27).

²³³² ^dNin-sun₂ (KI.KAL^{ki}): YOS 18 13:24 (AS 1 i, udu eš₃-eš₃-kam); PDT 2 1114:3 (AS 1 iv 7); Tavolette 330 (AS 1 x 21); ASJ 17 326 2:21 (AS 3 ix X, udu eš₃-eš₃-kam); BIN 3 547:19 (AS 8 i 16, siskur₂-ĝi₆).

²³³³ ^dNin-ša₃-ge-pad₃-da: MVN 3 228:9 (AS 4 i 14). For this deity, see Cavigneaux and Krebernik 1998-2001c.

²³³⁴ ^dNin-tin-ug₅-ga: YOS 18 13:30 (AS 1 i, udu eš₃-eš₃-kam); AUCT 1 787:2 (AS 1 v 2); ASJ 17 326 2:23 (AS 3 ix X, udu eš₃-eš₃-kam); BIN 3 547:21 (AS 8 i 16, siskur₂-ĝi₆); MVN 13 139:18 (AS 8 ii 7, udu eš₃-eš₃-kam); Princeton 2 316:16 (AS 8 vi 7, eš₃-eš₃).

²³³⁵ ^dNin-urta: YOS 18 13:20 (AS 1 i, udu eš₃-eš₃-kam); SAT 2 670:2 (AS 1 xi 10); ASJ 17 326 2:18 (AS 3 ix X, udu eš₃-eš₃-kam); OIP 121 444:2 (AS 4 ii 18); OIP 121 457:2-3 (AS 7 ii 16); PDT 1 636:2-3 (AS 7 ii 18); MVN 13 139:14 (AS 8 ii 7, udu eš₃-eš₃-kam); Princeton 2 316:12 (AS 8 vi 7, eš₃-eš₃).

²³³⁶ ^dNusku: YOS 18 13:19 (AS 1 i, udu eš₃-eš₃-kam); OIP 121 437:6 (AS 3 ii 9); ASJ 17 326 2:17 (AS 3 ix X, udu eš₃-eš₃-kam); BIN 3 547:14 (AS 8 i 16, siskur₂-ĝi₆); MVN 13 139:13 (AS 8 ii 7, udu eš₃-eš₃-kam); Princeton 2 316:11 (AS 8 vi 7, eš₃-eš₃).

²³³⁷ ^dŠu-il-la-at: BIN 3 70:5 (AS 3 x 27). For this deity, see Edzard 1972-1975b and Such-Gutiérrez 2003: 368.

²³³⁸ ^dŠu-zi-an-na: YOS 18 13:32 (AS 1 i, udu eš₃-eš₃-kam). For this deity, see Such-Gutiérrez 2003: 299-302.

²³³⁹ ^dUl-ma-ši-tum: AUCT 1 312:4 (AS 2 iv 1, ezem diĝir ku-ku-še₃); MVN 3 228:14 (AS 4 i 14). For this deity, see Sallaberger 1993: 198.

²³⁴⁰ ^dUtu: YOS 18 13:18 (AS 1 i, udu eš₃-eš₃-kam); ASJ 17 326 2:16 (AS 3 ix X, udu eš₃-eš₃-kam); MVN 13 139:22 (AS 8 ii 7, e₂-u₄-7). For the clause siskur₂ ^dUtu ša₃ ^{ĝi}s₁ki₆ “Riten des Utu im Garten”, see Such-Gutiérrez 2003: 305.

²³⁴¹ ki-a-naĝ Ur-^dNamma, CST 220:2 (AS 1 iii 22); BCT 1 88:2 (AS 8 xi 27).

²³⁴² ^dŠul-gi: YOS 18 13:26 (AS 1 i, udu eš₃-eš₃-kam); Tavolette 330:7 (AS 1 x 21); ASJ 17 326 2:22 (AS 3 ix X, udu eš₃-eš₃-kam); MVN 3 228:6 (AS 4 i 14); AuOr Suppl.11 647:9 (AS 4 v); AAICAB 1/2 pl.120 1967-1494:11 (AS 6 xi); BPOA 7 2736:6 (AS 8 x); BIN 3 547:18 (AS 8 i 16, siskur₂-ĝi₆).

²³⁴³ siskur₂ ^dŠul-gi-ra ša₃ ^{ĝi}s₁ki₆: BPOA 6 430:2 (AS 8 iv 10).

²³⁴⁴ (ki) ^{ĝi}s₁gu-za ^dŠul-gi-ra: MVN 13 533:4 (AS 1 iii); LAOS 1 29:3 (AS 4 vii 22).

²³⁴⁵ ki-a-naĝ ^dŠul-gi-ra: CST 221:4 (AS 1 iii 24, e₂ muhaldim “to the ‘kitchen’”); ZVO 25 134 2:5-6 (AS 1 iii 28, e₂ muhaldim); AUCT 1 35:6-7 (AS 6 vi 1-5, ezem ^dNin-a-zu).

²³⁴⁶ ki ^dEN.ZU: YOS 18 13:2 (AS 1 i); ASJ 17 326 2:2 (AS 3 ix X); MVN 3 228:2 (AS 4 i 14); BPOA 6 188:2 (AS 6 iii X); PDT 1 544:12 (AS 8 ii 29). For the phrase ki ^dEN.ZU „Stelle des Su’en“, see Sallaberger 1993: 50.

²³⁴⁷ ki ^dUtu: MVN 13 139:21 (AS 8 ii 7, e₂-u₄-7).

dais of An²³⁴⁸, (4) the “boat” of An²³⁴⁹, (5) the temple of Inana²³⁵⁰, (6) the temple of Nanna²³⁵¹, (7) the “(cultic)-peg”²³⁵², (8) the “Du’ur”²³⁵³, (9) the “holy mound”²³⁵⁴, (10) the “Dublamah”²³⁵⁵, (11) the “Spending-Night”-celebration²³⁵⁶, (12) the Giparu-gate²³⁵⁷, (13) the throne²³⁵⁸, (14) the throne of Enlil²³⁵⁹, (15) the *Hursaggalamma*²³⁶⁰, (16) the “pleasure garden”²³⁶¹, (17) the “whip of the conjurer”²³⁶², (18) the GANA-da-rite²³⁶³, (19) the rite of Constellation-Goat²³⁶⁴ and (20) the rite of the royal chariot²³⁶⁵.

9.1.2 For members of the royal household

Nalu expended (ba-zi) animals for the following members of the royal household: Geme-

²³⁴⁸ bara₂ An-na: MVN 3 228:17 (AS 4 i 14); BPOA 7 2202:3 (AS 6 vii 1). For the phrase bara₂ An-na “Podest Ans”, see Sallaberger 1993: 242.

²³⁴⁹ ma₂ An-na: SET 59:1,7 (AS 3 i 3, ša₃ a₂-ki-ti). For the phrase ma₂ an-na “Schiff des Himmels/An”, see Sallaberger 1993: 216-219 and Such-Gutiérrez 2003: 317.

²³⁵⁰ e₂ ^dInana-še₃: CST 231:2 (AS 1 vi 11).

²³⁵¹ e₂ ^dNanna-še₃: AUCT 2 210:3-4 (AS 4 ix 3).

²³⁵² kak-gu-la₂-še₃: TRU 320:4 (AS 3 x 5). For the phrase kak-gu-la₂ “Pflock, (an den) gebunden ist”, see Such-Gutiérrez 2003: 125.

²³⁵³ du₆-ur₃: SET 59:6 (AS 3 i 3); MVN 3 228:4 (AS 4 i 14); BPOA 7 2202:2 (AS 6 vii 1). For the phrase du₆-ur₃, see Sigrist 1992: 146 and Sallaberger 1993: 130.

²³⁵⁴ du₆-ku₃: YOS 18 13:5,15 (AS 1 i); BPOA 7 2801:2 (AS 1 viii 18); OIP 121 434:2 (AS 1 ix 4); Princeton 2 474:6 (AS 3 viii 21); SACT 1 144:3 (AS 3 viii 29); ASJ 17 326 2:7,14 (AS 3 ix X); CST 522:3 = CST 504:3 (AS 4 viii 24); Hirose 165:3 (AS 4 ix 3); OIP 121 452:9 (AS 5 i 18); TCND 245:3 (AS 5 viii 19); BPOA 6 188:11 (AS 6 iii X); PDT 2 1286:12 (AS 6 vii 27, ezem du₆-ku₃-ga); BCT 1 81:2 (AS 7 - 27); MVN 13 139:11 (AS 8 ii 7, udu eš₃-eš₃-kam); Princeton 2 316:10 (AS 8 vi 7, eš₃-eš₃). lu-ub₂^{sar} du₆-ku₃-še₃: PDT 2 1286:3’ (AS 6 vii 27, ezem du₆-ku₃-ga). For the phrase du₆-ku₃ „Reiner Hügel“, see Sigrist 1992: 145, Sallaberger 1993: 129-130 and Such-Gutiérrez 2003: 88.

²³⁵⁵ dub-la₂-mah: MVN 3 228:7 (AS 4 i 14); OIP 121 446:6 (AS 4 vii 9); BPOA 7 2736:2 (AS 8 x); UDT 169:2 (AS 9 x 4); CDLJ 2012/1 4.40:9 (AS 9 x 9). Note that in the text UDT 169, the phrase dub-la₂-mah was incorrectly considered to be si-la₂-mah according to its hand copy. For the term dub-la₂-mah, see Steinkeller 1985: 39.

²³⁵⁶ eš₃ ġi₆-zal-še₃: BCT 1 88:4 (AS 8 xi 27). For the phrase eš₃ ġi₆-zal „dem Verbringen der Nacht im Heiligtum“, and its relation to ezem an-na, see Sallaberger 1993: 178 and 218.

²³⁵⁷ ka ġi₆-par₃: NYPL 357:7 (AS 9 iii 15). For the phrase ka ġi₆-par₃ which is probably the variant of ka₂ ġi₆-par₄ „dem Tor des Gipāru“, see Sallaberger 1993: 212 and 220.

²³⁵⁸ (d) gu-za: OIP 121 437:2 (AS 3 ii 9); OIP 121 441:2 (AS 3 v 17); ASJ 17 326 2:5,11 (AS 3 ix X); AUCT 1 13:2 (AS 4 ii 10); OIP 121 452:5 (AS 5 i 18); YOS 18 14:3 (AS 5 xii 20); AUCT 2 318:3 (AS 5 xii 22); PDT 2 1286:2,7 (AS 6 vii 27); BPOA 6 878:3 (AS 7 iii 1); Rochester 71:3 (AS 7 iii 6); TRU 323:3 (AS 7 vi 11); BPOA 7 2811:2 (AS 7 xii 18); BIN 3 547:2,6 (AS 8 i 16); BIN 3 547:24 (AS 8 i 16); MVN 13 139:4 (AS 8 ii 7, udu eš₃-eš₃-kam); PDT 1 544:5 (AS 8 ii 29); AAICAB 1/4 Bod S 429:2 (AS 8 iii 5); TRU 324:2 (AS 8 iii 14); Princeton 2 108:2 (AS 8 vi 9); BIN 3 164:4 (AS 8 xii 4+); CST 391:3 (AS 9 i 24); PDT 2 1229:2 (AS 9 xi 10).

²³⁵⁹ ^dgu-za ^dEn-lil₂-la₂: AUCT 3 430:4 (AS 8 vii 30).

²³⁶⁰ Hur-saġ-ga-lam-ma: OIP 121 437:4 (AS 3 ii 9); OIP 121 441:3 (AS 3 v 17); AUCT 1 13:3 (AS 4 ii 10); OIP 121 452:6 (AS 5 i 18); YOS 18 14:5 (AS 5 xii 20); AUCT 2 318:5 (AS 5 xii 22); PDT 2 1286:3,8 (AS 6 vii 27); BPOA 6 878:4 (AS 7 iii 1); Rochester 71:4 (AS 7 iii 6); BPOA 7 2811:3 (AS 7 xii 18); BIN 3 547:7,25 (AS 8 i 16); AAICAB 1/4 Bod S 429:3 (AS 8 iii 5); TRU 324:3 (AS 8 iii 14); Princeton 2 108:3 (AS 8 vi 9); CST 391:4 (AS 9 i 24).

²³⁶¹ ^{ġis}kiri₆-mah: Ontario 1 104:3 (AS 2 iv 27); OIP 121 441:7 (AS 3 v 17); BPOA 7 2641:5 (AS 3 vi 7); OIP 121 443:3 (AS 3 xi d 26); BPOA 7 2794:3 (AS 4 ii 16); OIP 121 448:3 (AS 4 ix 17); OIP 121 454:3 (AS 5 iv 17); BIN 3 178:3 (AS 8 i 27); JCS 46 124 EM 3:3 (AS 8 ii 7); PDT 1 465:3 (AS 8 iii 6); BCT 1 86:3 (AS 8 xi 17).

²³⁶² hul-dub₂-še₃: AAICAB 1/1 pl.59 1923-421:6 (AS 6 xi 19, ġa₂-udu sikil-de₃). For the phrase hul-dub₂ “fouet du conjurateur”, see Sigrist 1992: 176. For the phrase (siskur₂) ġa₂-udu sikil-(la) „(Riten) zur (kultischen) Reinigung des Schafstalles“, see Sallaberger 1993: 271.

²³⁶³ GANA₂-da: BIN 3 274:2 (AS 6 v 27); MVN 13 528:2 (AS 8 iii 27). For the phrase GANA₂-da “Feldseite³”, see Sigrist 1992: 167-168, Sallaberger 1993: 52, and Such-Gutiérrez 2003: 57.

²³⁶⁴ siskur₂ ^{mul}uz₃: PDT 1 544:14 (AS 8 ii 29). For the phrase siskur₂ ^{mul}uz₃ „Riten (wegen des) Sternes Venus (als Abendstern)“, see Sallaberger 1993: 54 and Such-Gutiérrez 2003: 378.

²³⁶⁵ siskur₂ ^{ġis}gigir-lugal: Rochester 71:6 (AS 7 iii 6). For the phrase siskur₂ ^{ġis}gigir-lugal „Riten (des) Wagen(s) (vom) König“, see Such-Gutiérrez 2003: 378.

Enlila²³⁶⁶, Šulgi-simti²³⁶⁷, Lu-Šulgi²³⁶⁸, (Tulid-Šamši) the ereš-diġir-priestess of Suen²³⁶⁹. Also, Nalu expended (ba-zi) animals as the regular offering for the king (Amar-Suen) (two cooks A'a-kala and Ur-Bau took over)²³⁷⁰.

9.1.3 For different individuals

Nalu expended (ba-zi) animals for the following eight foreigners:

Mari:	Laqipum ²³⁷¹ , Turam-Dagan ²³⁷²
Marhaši	Amur-ilum ²³⁷³ , Libanašgubi ²³⁷⁴
Šimānum:	Bušam ²³⁷⁵
Šimaški:	Iabrat ²³⁷⁶
Zidanum:	Raši ²³⁷⁷
<i>Amorite:</i>	Naplanum ²³⁷⁸

Furthermore, Nalu also expended (ba-zi) animals for the following 11 individuals: Bu'udu²³⁷⁹, Halhalla²³⁸⁰, Ilallum²³⁸¹, Kinat-Ea²³⁸², Lu-andul the equestrian²³⁸³, Lugal-kuzu²³⁸⁴, Lugal-magure²³⁸⁵, Nin-kuzu the son of Balamu²³⁸⁶, Ur-Bau the cook²³⁸⁷, the *en*-priest of Inana²³⁸⁸, and the “Grand Vizier”²³⁸⁹.

9.1.4 For the E'uzga

Nalu expended (ba-zi) animals for the E'uzga²³⁹⁰.

²³⁶⁶ ki-a-naġ Geme₂-^dNin-lil₂-la₂: ZVO 25 134 2:8 (AS 1 iii 28). For Geme-Enlila, see Michalowski 1979 and Weiershäuser 2008: 164-169.

²³⁶⁷ ki-a-naġ ^dŠul-gi-si₂-im-ti: ZVO 25 134 2:9 (AS 1 iii 28). For Šulgi-simti and her libation place, see Gomi 1976, Weiershäuser 2008: 31-105 and Hilgert 2012. For Šulgi-simti identical with Abisimti, see Wu and Wang 2012.

²³⁶⁸ Lu₂-^dŠul-gi-ra dumu lugal: TLB 3 98:9 (AS 4 iv 8).

²³⁶⁹ ereš-diġir ^dEN.ZU: PDT 2 1286:12' (AS 6 vii 27). For the ereš-diġir ^dEN.ZU named Tulid-Šamši, see Such-Gutiérrez 2003: 265-266.

²³⁷⁰ sa₂-du₁₁ lugal: PDT 2 1205:10 (AS 1 xi); CDLJ 2008/2 6:13 (AS 3 i 11,12); Ontario 2 216:9 (AS 3 i); KM 89145:9' (AS 3 ix 19-27); TCND 164:7 (AS 7 iii).

²³⁷¹ La-qī₃-ip lu₂ Ma-ri₂^{ki}: Princeton 1 73:4 (AS 8 v 15).

²³⁷² Tu₃-a-ra-am-^dDa-gan lu₂ Ma-ri₂^{ki}: SET 59:11 (AS 3 i 3).

²³⁷³ A-mur-DĪĠIR lu₂-kin-gi₄-a Li-ba-nu-ug-ša-ba-aš ensi₂ Mar-ha-ši^{ki}: MVN 3 228:29 (AS 4 i 14).

²³⁷⁴ Li-ba-an-aš-gu-bi lu₂-kin-gi₄-a Li-ba-nu-ug-ša-ba-aš ensi₂ Mar-ha-ši^{ki}: BPOA 7 2202:18-21 (AS 6 vii 1).

²³⁷⁵ Bu-ša-am lu₂ Ši-ma-nu-um: OIP 121 458:9 (AS 7 vii 9).

²³⁷⁶ Zu-bu-uš lu₂-kin-gi₄-a Ia₃-ab-ra-at LU₂.SU.A^{ki}: AUCT 2 318:8-9 (AS 5 xii 22).

²³⁷⁷ Ra-ši lu₂ Zi-da-nu-um^{ki}: SET 59:10 (AS 3 i 3).

²³⁷⁸ Na-ap-la-nu-um mar-tu: PDT 2 1255:3 (AS 1 xi 26); TRU 320:8-9 (AS 3 x 5); MVN 3 228:30 (AS 4 i 14); OIP 121 446:10 (AS 4 vii 9).

²³⁷⁹ Bu-u₂-du: MVN 3 228:24 (AS 4 i 14).

²³⁸⁰ sa₂-du₁₁ Hal-hal-la: YOS 18 13:36 (AS 1 i, e₂-u₄-sakar); SACT 1 144:5-7 (AS 3 viii 29, e₂-u₄-sakar). For the personal name Halhalla who was a woman, see Sallaberger 1993: 65.

²³⁸¹ I₃-lal₃-lum: MVN 3 228:23 (AS 4 i 14).

²³⁸² Ki-na-at-E₂-a um-me-da Ta₂-din-Eš₁₈-tar₄: BPOA 7 2721:2-4 (AS 7 x 1, u₄ tu-ra i₃-me-a “when she was ill”).

²³⁸³ Lu₂-AN.DUL₃ ra₂-gaba: CST 337:12 (AS 5 xii 10).

²³⁸⁴ Lugal-ku₃-zu: MVN 3 228:25 (AS 4 i 14).

²³⁸⁵ Lugal-ma₂-gur₈-re: MVN 13 533:1 (AS 1 iii).

²³⁸⁶ Nin-ku₃-zu dumu Ba-la-mu: OIP 121 444:4 (AS 4 ii 18).

²³⁸⁷ Ur-^dBa-u₂ muhaldim: BPOA 7 2202:12 (AS 6 vii 1, u₄ Na-ap-la-num₂ ab-ba-ni-ir kaš in-na-ni-de₂-a “when Naplanum poured beer for his father”).

²³⁸⁸ en ^dInana: JCS 46 125 EM 4:7 (AS 4 x 22).

²³⁸⁹ sukkal-mah: MVN 3 228:22 (AS 4 i 14).

²³⁹⁰ e₂ uz-ga: BMHBA 90 8 1:1-2 (AS 4 iv 14, ša₃ al-u₂-sa). Another reference to the phrase ša₃ al-u₂-sa is the text SA 22 (Š 46 xi 15). The term al-u₂-sa probably stems from al-us₂-sa “ground”, for which, see George 1991: 147.

9.1.5 For the “kitchen”

9.1.5.1 Nalu expended (ba-zi) animals for the “kitchen”²³⁹¹.

9.1.5.2 Nalu expended (ba-zi) animals to the “kitchen” for soldiers²³⁹².

9.1.5.3 Nalu expended (ba-zi) animals to the “kitchen” for runners²³⁹³.

9.1.5.4 Nalu expended (ba-zi) animals to the “kitchen” for the GAR₃.DU people²³⁹⁴.

9.1.5.5 Nalu expended (ba-zi) animals to the “kitchen” for military generals²³⁹⁵.

9.1.5.6 Nalu expended (ba-zi) animals to the “kitchen” for Darzigin, the diviner²³⁹⁶.

9.1.6 For the storehouse

Nalu expended (ba-zi) animals to the storehouse for producing salted meat²³⁹⁷.

9.1.7 For the village

Nalu expended (ba-zi) animals for the village²³⁹⁸.

9.1.8 For feeding dogs

Nalu expended (ba-zi) animals for feeding dogs²³⁹⁹.

9.1.9 For the bala-fund

Nalu expended (ba-zi) animals for Ur-Lamma, the governor of Girsu, as the bala-fund²⁴⁰⁰.

9.1.10 The ġiri₃- and/or maškim official

The ġiri₃- and/or maškim officials, who were responsible for the disbursements of animals by Nalu for various destinations or purposes, are listed as follows (see Table 9.1):

Table 9.1 Distribution of ġiri₃ or/and maškim officials responsible for the disbursals of animals by Nalu

ġiri ₃ /maškim	Cultic	Royal	Individuals	E'uzga	Kitchen	Storehouse	Village	Dogs	Bala
A-a-kal-la	y			x					
A-bi ₂ -si ₂ -im-ti	y								
A-hu-ni sagi	x								

²³⁹¹ e₂ muhaldim: BIN 3 423:9 (AS 3 vi 8); AUCT 1 13:7 (AS 4 ii 10); OIP 121 444:7 (AS 4 ii 18); BMHBA 90 8 1:6 (AS 4 iv 14).

²³⁹² e₂ muhaldim mu aga₃-us₂-e-ne-še₃: OIP 121 432:9 (AS 1 iii 22); PPAC 4 153:7-8 (AS 1 vii 23); OIP 121 452:14 (AS 5 i 18); CST 309:5 (AS 5 iv 10); YOS 18 14:10 (AS 5 xii 20); AUCT 2 318:14 (AS 5 xii 22); PDT 1 643:4 (AS 6 iv 17); AUCT 2 217:5 (AS 6 v 8); BIN 3 274:9 (AS 6 v 27); TCND 250:4 (AS 6 vi 10); PDT 2 1286:10⁷ (AS 6 vi 27); AAICAB 1/1 pl.59 1923-421:13 (AS 6 xi 19).

²³⁹³ e₂ muhaldim mu kaš₄-e-ne-še₃: PDT 1 636:6 (AS 7 ii 18).

²³⁹⁴ e₂ muhaldim mu gar₃-du-e-ne-še₃: PDT 1 636:8 (AS 7 ii 18); PDT 1 544:18 (AS 8 ii 29); TRU 324:11 (AS 8 iii 14); Princeton 2 108:9 (AS 8 vi 9).

²³⁹⁵ e₂ muhaldim mu šakkan₆-e-ne-še₃: CST 309:2 (AS 5 iv 10).

²³⁹⁶ e₂ muhaldim mu Dar-zi-gi-in maš-šu-gid₂-gid₂-da-še₃: OIP 121 458:5 (AS 7 vii 9). Another reference to the name Darzigin the diviner is AUCT 1 54 (AS 8 xii 7).

²³⁹⁷ mu-du-lum-še₃ e₂-kišib-ka ba-an-ku₄: MVN 3 228:21. (AS 4 i 14)

²³⁹⁸ e₂-duru₅ du-du: MVN 3 228:19 (AS 4 i 14).

²³⁹⁹ ur-gir₁₅-re ba-ab-gu₇: OIP 121 444:9 (AS 4 ii 18).

²⁴⁰⁰ bala-a-zi-ga, kišib Ur-^dLamma₃ ensi₂ Ġir₂-su^{ki}: OIP 121 440:6-7 (AS 3 iii).

ĝiri ₃ /maškim	Cultic	Royal	Individuals	E'uzga	Kitchen	Storehouse	Village	Dogs	Bala
A-tu sagi/ra ₂ -gaba	x								
Arad ₂ -ĝu ₁₀		x	x		x				
Da-da sagi	x								
DIĜIR-dan sukkal			x		x				
^d En-lil ₂ -zi-ša ₃ -ĝal ₂	x								
En- ^d Nanše-ki-aĝ ₂ (sagi)	x								
Er ₂ -ra-na-da	x								
I ₃ -lal ₃ -lum								x	
La-la gudu ₄	x								
La-ma-har sagi	x								
Lu ₂ -diĝir-ra sagi	x								
Lugal-KA-gi-na sukkal			xy						
Lugal-ku ₃ -zu	y								
Lugal-ma ₂ -gur ₈ -re	x								
Maš-tur (sagi)	x								
Na-ra-am-i ₃ -li ₂	x								
Nam-ha-ni sukkal			x						
^d Nanše-ul ₄ -gal	x								
Pa ₂ -pa ₂ -an-še-en ₍₆₎	x		x						
PU ₃ .ŠA-Eš ₁₈ -tar ₂ sagi	xy								
Ši ₂ -il- ^d Iškur sukkal		y							
SIPA-si-in sagi	x								
Šar-ru-um-i ₃ -li ₂ sagi	xy								
^d Šul-gi-iri-ĝu ₁₀					x				
U ₂ -ta-mi-šar-ra-am (ra ₂ -gaba)	x		xy						
Ur- ^d Ba-u ₂ muhaldim	x	x							
Ur- ^d En-lil ₂ -la ₂	x								
Ur- ^d Lamma sagi	x								
Ur- ^d Nanše sagi	x								
Ur-sa ₆ -ga sukkal					x				
Ur-šar-ru-gen ₇ sukkal			y						

ġiri ₃ /maškim	Cultic	Royal	Individuals	E'uzga	Kitchen	Storehouse	Village	Dogs	Bala
Ur-šu muhaldim	x								
Ur- ^d Šul-gi-ra sagi	x								
Ur- ^d Šul-pa-e ₃ muhaldim	x								
Zi ₂ -na-na	y								

9.1.11 Formulary

The following 48 types of formulae are attested in the disbursements of animals by Nalu for cultic purposes (bazi A42-43, A53, A57, A59, A64, A77, A114, A117, A124-146), for members of the royal household (bazi B40), for different individuals (bazi C7, C34, C37, C41, C68), for the E'uzga (bazi D3), for the “kitchen” (bazi E5-6, E33, E36, E44, E68), for the village (bazi G7), for feeding dogs (bazi H12), and for other purposes (bazi K6) (see Table 9.2).

Table 9.2 Formulae attested in the disbursals of animals by Nalu

Type	Comp.	Formula	Commentary	Example
bazi A42	1-2-4	S, DN PN maškim	animals with one maškim official for one deity	AUCT 2 218:1-3
bazi A43	1-2-4	<u>S, DN</u> PN maškim	animals with one maškim official for one deity	OIP 121 464:1-7
bazi A53	1-2-5	S, DN ġiri ₃ PN	animals with one ġiri ₃ official for one deity	Erm 14600:1-4
bazi A57	1-2-6-4	S, DN, mu PNr-še ₃ PN maškim	animals with one maškim official for one deity on behalf of PNr	CST 391:7-10
bazi A59	1-2-4	S, kak-gu-la ₂ -še ₃ PN maškim	animals for kagula, with one maškim official	TRU 320:4-5
bazi A64	1-2-4	S, ki-a-naġ Ur- ^d Namma PN maškim	animals with one maškim official for the libation of Ur-Namma	CST 220:1-3
bazi A77	1-2-4	<u>S, DN</u> ša ₃ -ge guru ₇ -a lugal PN maškim	animals as the royal šageguru-offering for more deities, with one maškim official	SACT 1 162:1-6
bazi A114	1-2-4	S, GANA ₂ -da PN maškim	animals for the GANA-da-site with one maškim official	MVN 13 528:1-3
bazi A117	1-2-4	S, a-tu ₅ -a DN PN maškim	animals for the royal lustration rite with one maškim official	AUCT 1 787:1-3
bazi A124	1-2-4	S, ^{gi} škir ₆ -mah PN maškim	animals with one maškim official for the “pleasure garden”	BCT 1 86:1-4
bazi A125	1-2-4	S, du ₆ -ku ₃	animals for sacred mound, with one	BCT 1 81:1-3

Type	Comp.	Formula	Commentary	Example
		PN maškim	maškim official	
bazi A126	1-2-8-4	S, DN a ₂ -ki-ti še-KIN-ku ₅ PN maškim	animals for deities, at the <i>akiti</i> - and <i>šeKINku</i> -festivals, with one maškim official	BPOA 7 2957:1-6
bazi A127	1-2-8-4	S, DN siskur ₂ ma ₂ An-na PN maškim	animals for DN, for the rite of Boat of An, with one maškim official	Van Kampen 74:1-4
bazi A128	1-2	S sa ₂ -du ₁₁ dub-la ₂ -mah	animals as regular offering for dublamah	BPOA 7 2736:1-2
bazi A129	1-2-8-5	S1, ki-a-naĝ Ur- ^d Namma S2, eš ₃ ĝi ₆ -zal-še ₃ ezem ma ₂ An-na egir-ra ĝiri ₃ PN	animals for Ur-Namma and the Festival of Boat of An, via PN	BCT 1 88:1-6
bazi A130	1-2-4	S, igi-kar ₂ ki ^{ĝis} gu-za PN-še ₃ PN maškim	animals with one maškim official for the throne	PDT 2 1229:1-3
bazi A131	1-2-8-4	S1, DN; S2, ^d gu-za; S3, DN; udu-ĝi ₆ -kam PN maškim	animals for deities, throne, with one maškim official	BIN 3 164:1-10
bazi A132	1-2-4	S1, DN; S2, ^d gu-za; S3, DN udu-ĝi ₆ -kam S4, DN; S5, ki ^d EN.ZU; S6, siskur ₂ DN; S7, siskur ₂ ^{mul} uz ₃ ša ₃ e ₂ -gal PN maškim	animals for deities, throne, with one maškim official	PDT 1 544:1-16
bazi A133	1-2-8	S1 uzu a-bala S2 lugal ku ₄ -ra DN, siskur ₂ gu-la	animals for one deity at the “Big-rite”	NYPL 357:1-6
bazi A134	1-2-5	S1, ka ĝi ₆ -par ₃ S2, DN ĝiri ₃ PN	animals for gipar-gate and deity via PN	NYPL 357:7-9
bazi A135	1-2-4	S1, DN S2, ^d gu-za S3, Hur-saĝ-ga-lam-ma S4, DN PN maškim	animals for deities, throne, and Hursaggalama, with one maškim official	CST 391:1-6
bazi A136	1-2-4	S1, DN S2, ^d gu-za	animals for deities, throne, and Hursaggalama, with one maškim	TRU 324:1-9

Type	Comp.	Formula	Commentary	Example
		S3, Hur-saĝ-ga-lam-ma S4, DN šu-a-gi-na S1, DN S2, DN siskur ₂ ša ₃ a-ša ₃ PN PN maškim	official	
bazi A137	1-2-4	S, DN maš ₂ lu-ub ₂ ^{sar} ab-e ₃ PN maškim	animals for one deity with one maškim official	PDT 1 379:1-6
bazi A138	1-2-6-4	S, siskur ₂ DN ša ₃ e ₂ -gal mu PNr-še ₃ PN maškim	animals for rite of DN at the palace on behalf of PNr, with one maškim official	AUCT 1 657:1-4
bazi A139	1-2	S1 šu-a-gi-na S2 niĝ ₂ -diri sa ₂ -du ₁₁ ^d Šul-gi sa ₂ -du ₁₁ šu-a-gi-na	animals with šu-a-gi-na-contingent; animals as the niĝ-dirī-offering and regular offering for Šulgi	BPOA 7 2736:4-7
bazi A140	1-2-4	<u>S1, DN</u> S2, du ₆ -ku ₃ <u>S3, DN</u> eš ₃ -eš ₃ u ₄ 7-kam S4, DN PN maškim e ₂ -u ₄ -7	animals for deities, duku, at the festival, with one maškim official	Princeton 2 316:1-21
bazi A141	1-2-7-4	S, siskur ₂ ^d Šul-gi-ra ša ₃ ^{ĝis} kiri ₆ PN maškim	animals for rite of Šulgi at garden, with one maškim official	BPOA 6 430:1-4
bazi A142	1-2-4	S e ₂ -ku ₆ nu-gu ₇ , DN PN maškim	animals for deity, with one maškim official	OIP 121 457:1-4
bazi A143	1-2-8-5	S, niĝ ₂ -dab ₅ ki-a-naĝ ^d Šul-gi-ra ezem ^d Nin-a-zu ĝiri ₃ PN	animals for Šulgi, at the rite of Ninazu, via PN	AUCT 1 35:1-9
bazi A144	1-2-8-4	<u>S1, DN</u> S2, siskur ₂ DN ša ₃ e ₂ -gal ša ₃ a ₂ -ki-ti PN maškim	animals for deities and for rite of DN, at the <i>akiti</i> -festival with one maškim official	CST 337:1-10
bazi A145	1-2-7-6	S, DN ur ₃ -ra ša ₃ GN bala PN	animals for DN, at GN, as the bala-fund of PN	Rochester 53:1-4
bazi A146	1-2-5	S gu ₄ -da ku ₄ -ra	animals for temple of DN, via PN	AUCT 2 210:1-5

Type	Comp.	Formula	Commentary	Example
		e ₂ DN-še ₃ ĝiri ₃ PN		
bazi B40	1-2	S1 uzu a-bala S2 KA-izi-še ₃ PN1 i ₃ -dab ₅ S2 uzu NIM-še ₃ S3 KA-izi-še ₃ PN2 i ₃ -dab ₅ sa ₂ -du ₁₁ lugal	animals received by PN, as regular offering for the king	TCND 164:1-7
bazi C7	1-2-4	S, PN PN maškim	animals with one maškim official for one individual	Princeton 1 73:3-5
bazi C34	1-2-9-4	S, PN1 u ₄ tu-ra i ₃ -me-a PN2 maškim	animals for PN1 when he/she was ill, with one maškim official	BPOA 7 2721:1-5
bazi C37	1-2-5-4	S, PN ĝiri ₃ PN1 PN2 maškim	animals with one ĝiri ₃ official and one maškim official for PN	OIP 121 458:9-11
bazi C41	1-2-5-4-7	S, PN ĝiri ₃ PN PN maškim ša ₃ GN	animals with one ĝiri ₃ and one maškim official for one individual at GN	TLB 3 98:7-12
bazi C68	1-2-5-4	S šu-a-gi-na S niĝ ₂ -diri PN ĝiri ₃ PN1 PN2 maškim	animals with one ĝiri ₃ official and one maškim official for PN	TRU 320:6-11
bazi D3	1-2-4	S, e ₂ uz-ga PN maškim	animals with one maškim official for the E'uzga	BMHBA 90 8 1:1-3
bazi E5	1-2-4	S šu-gid ₂ e ₂ muhaldim-še ₃ PN maškim	animals as the šu-gid-contingent with one maškim official for the "kitchen"	BMHBA 90 8 1:4-7
bazi E6	1-2-4	S šu-gid ₂ e ₂ muhaldim-še ₃ mu aga ₃ -us ₂ -e-ne-še ₃ PN maškim	animals as the šu-gid-contingent with one maškim official to the "kitchen" for the soldiers	TCND 250:1-5
bazi E33	1-2-4	S1 mu kaš ₄ -ke ₄ -ne-še ₃ S2 mu gar ₃ -du-e-ne-še ₃ e ₂ muhaldim-še ₃ PN maškim	animals for runners, animals for GAR ₃ .DU people to the "kitchen", with one maškim official	PDT 1 636:5-10
bazi E36	1-2-4	S šu-gid ₂	animals as the šu-gid-contingent to	Princeton 2 108:6-

Type	Comp.	Formula	Commentary	Example
		e ₂ muhaldim mu gar ₃ -du-e-ne-še ₃ PN maškim	the “kitchen” for GAR ₃ .DU people, with one maškim official	10
bazi E44	1-2-4	S, e ₂ muhaldim-še ₃ mu PN-še ₃ PN maškim	animals to the “kitchen” for PN, with one maškim official	OIP 121 458:4-6
bazi E68	1-2-4	S1 mu šakkan ₆ -e-ne-še ₃ S2 šu-gid ₂ mu aga ₃ -us ₂ -e- ne-še ₃ e ₂ muhaldim-še ₃ PN maškim	animals to the “kitchen” for the military governors and soldiers, with one maškim official	CST 309:1-7
bazi G7	1-2	S, e ₂ -duru ₅ du-du ša ₃ e ₂ d ^N Nanna	livestock to the village at the temple of Nanna	MVN 3 228:19
bazi H12	1-2-4	S, ur-gir ₁₅ -re ba-ab-gu ₇ PN maškim	animals with one maškim official for feeding dogs	OIP 121 444:9-10
bazi K6	1-2	S bala-a zi-ga kišib PN	animals as the bala-tax withdrawn, sealed by PN (=ensi ₂)	OIP 121 440:1-7

9.1.12 Brief summary

The total of number of animals, which Nalu disbursed (ba-zi), is listed as follows (see Table 9.3):

Table 9.3 Statistics of the number of animals disbursed by Nalu

Destination	Sheep	Goat	Subtotal
Cultic	828+	130+	958+
Royal	139	3	142
Individual	109+	4	113+
E’uzga	1+	0	1+
Kitchen	277+	110+	387+
Storehouse	2	1	3
Village	0	3	3
Dog	0	1	1
Bala	27+	164	191+
Total:	1,383+	416+	1,799+

9.2 The expenditure (šu ba-ti) of dead animals accepted by Ur-niġar/Šulgi-iriġu

Apart from expending (ba-zi) animals for various destinations or purposes, Nalu also expended (šu ba-ti) 715+ dead animals which were accepted by Ur-niġar between AS 1 ii 6 and AS

3 iv 6²⁴⁰¹, and by Šulgi-iriġu in AS 3 i 10 and between AS 3 iv 8 and AS 9 xi 26²⁴⁰². The monthly distribution of dead animals accepted by Ur-niġar/Šulgi-iriġu from Nalu is listed as follows (see Table 9.4):

Table 9.4 Monthly distribution of dead animals accepted by Ur-niġar/Šulgi-iriġu from Nalu

	i	ii	iii	iv	v	vi	vii	viii	ix	x	xi	xii	Sum
AS 1		2	9	8	20	5	7	7	38	13	31	11	151
AS 2	0	0	2	2	0	0	0	8	1	0	13	2	28
AS 3	58	17	4	32	2	16+	0	19	6	0	2	0	156+
AS 4	9	7	2	6	3	9	24	4	9	0	17	11	101
AS 5	0	0	0	0	0	0	0	0	0	0	0	0	0
AS 6	0	14	7	39	11	5	8	0	0	14	0	4	102
AS 7	17	19	17	7	4	3	9	12	1	1	8	4	102
AS 8	5	15	4	6	4	7	3	8	2	7	0	0	68
AS 9	0	0	0	0	0	0	0	0	0	0	7		7

From the chart, some conclusions can be drawn. First, the activities for which Nalu expended dead animals which were accepted by Ur-niġar or Šulgi-iriġu took place throughout the reign of

²⁴⁰¹ ki Na-lu₅-ta, Ur-ni₉-ġar šu ba-ti: Nisaba 8 290 (AS 1 ii 6); CST 219 (AS 1 iii 1); PDT 2 989 (AS 1 iii 2); TCND 301 (AS 1 iv 2); BPOA 7 2701 (AS 1 iv 4); TCND 303 (AS 1 iv 28); ASJ 11 323 8 (AS 1 v 4); ASJ 7 176 TRU 216 (AS 1 v 11); YOS 18 30 (AS 1 v 14); BPOA 7 2983 (AS 1 v 24); OIP 121 433 (AS 1 vi 19); BPOA 6 649 (AS 1 vii 7); SACT 1 80 (AS 1 vii 26); YOS 18 31 (AS 1 vii 29); ASJ 7 176 TRU 217 (AS 1 viii 16); BPOA 7 2692 (AS 1 viii 26); BPOA 7 2699 (AS 1 ix 2); ASJ 7 177 TRU 218 (AS 1 ix 5?); AUCT 1 692 (AS 1 ix 15); CST 238 (AS 1 ix 20); OIP 121 435 (AS 1 ix 29); TCND 308 (AS 1 ix 30); BPOA 7 2750 (AS 1 x 9); ASJ 7 177 TRU 219 (AS 1 x 10); Orient 16 45 20 (AS 1 x 22?); BPOA 7 2762 (AS 1 xi 1); OIP 121 436 (AS 1 xi 14); CST 243 (AS 1 xi 23); Hirose 103 (AS 1 xi 27); CST 244 (AS 1 xi 28); CST 246 (AS 1 xii 4); BPOA 7 2799 (AS 1 xii 13); BPOA 7 2791 (AS 1 xii 25); AuOr Suppl.11 126 (AS 2 iii 6); AUCT 1 802 (AS 2 iv 11); Princeton 2 399 (AS 2 viii 18); Nisaba 8 280 (AS 2 ix 28); AuOr Suppl.11 139 (AS 2 xi 1); CST 261 (AS 2 xi 11); TCND 325 (AS 2 xi 22); Hirose 132 (AS 2 xii 7); BPOA 7 2979 (AS 3 i 2); SACT 1 85 (AS 3 i 9); RA 49 88 14 (AS 3 i 12); BPOA 7 2975 (AS 3 i 17); CST 267 (AS 3 ii 7); OIP 121 438 (AS 3 ii 15); TJA pl.51 IOS 7 (AS 3 ii 23); OIP 121 439 (AS 3 ii 26); Nisaba 8 344 (AS 3 iii 14); AUCT 2 192 (AS 3 iii 19); Nisaba 8 243 (AS 3 iv 6).

²⁴⁰² ki Na-lu₅-ta, ^dŠul-gi-iri-ġu₁₀ šu ba-ti: BPOA 7 2700 (AS 3 i 10); MVN 13 73 (AS 3 iv 8); CST 270 (AS 3 iv 10); BPOA 7 2703 (AS 3 iv 13); CST 271 (AS 3 iv 14); TCND 329 (AS 3 iv 27); CST 273 (AS 3 v 16); OIP 121 442 (AS 3 vi 5); ASJ 19 204 15 (AS 3 vi 6); Princeton 2 57 (AS 3 vi 20); Erm 07856 (AS 3 vi 26); AnOr 1 11 (AS 3 vi 30); Nisaba 8 253 (AS 3 viii 13); ASJ 11 324 10 (AS 3 ix 11); Hirose 146 (AS 3 xi 25); AUCT 1 803 (AS 4 i 18); Ontario 1 123 (AS 4 i 22); ASJ 7 123 13 (AS 4 ii 24); Nisaba 8 242 (AS 4 iii X); OIP 121 445 (AS 4 iv 22); CST 287 (AS 4 iv 27); CST 499 (AS 4 v 2); CST 502 (AS 4 vi 11); Erm 07842 (AS 4 vi 17); CST 503 (AS 4 vi 26); BPOA 7 2749 (AS 4 vii 4); BCT 1 14 (AS 4 vii 20); Nisaba 8 289 (AS 4 vii 30); OIP 121 447 (AS 4 viii 9); BCT 1 15 (AS 4 ix 18); OIP 121 449 (AS 4 xi 2); OIP 121 450 (AS 4 xi 22); OIP 121 451 (AS 4 xii 21); BPOA 7 2751 (AS 6 ii 9); CST 343 (AS 6 ii 24); OIP 121 455 (AS 6 ii 29); TCND 345 (AS 6 iii 12); CST 344 (AS 6 iv 3); BPOA 7 2988 (AS 6 iv 5); JEOL 26 49 4 (AS 6 iv 10); Erm 14558 (AS 6 iv 22); CST 345 (AS 6 iv 25); Princeton 2 59 (AS 6 v 4); CST 349 (AS 6 v 29); CHEU 73 (AS 6 vi 23); NYPL 338 (AS 6 vii 9); Nisaba 8 227 (AS 6 x 12); Nisaba 8 281 (AS 6 x 30); Hirose 245 (AS 6 xii 7); CST 353 (AS 7 i 20); BIN 3 428 (AS 7 i 26); AUCT 1 662 (AS 7 ii 15); Erm 14599 (AS 7 ii 17); BCT 1 9 (AS 7 ii 26); TCND 357 (AS 7 iii 2); Erm 07846 (AS 7 iii 20); CST 361 (AS 7 iv 20); ASJ 7 177 TRU 232 (AS 7 iv 22); ASJ 7 123 12 (AS 7 v 8); CST 363 (AS 7 vi 4); BPOA 7 2765 (AS 7 vi 13); OIP 121 459 (AS 7 vii 13); BJRL 64 112 70 (AS 7 vii 22); Hirose 264 (AS 7 viii 7); Hirose 265 (AS 7 viii 25); BJRL 64 112 71 (AS 7 viii 30); ASJ 19 206 20 (AS 7 ix 18); CST 352 (AS 7 x 19); TCND 363 (AS 7 xi 27); MVN 1 130 (AS 7 xii 6); MVN 1 132 (AS 8 i 8); ASJ 7 178 TRU 236 (AS 8 i 25); CST 373 (AS 8 ii 5); Nisaba 8 325 (AS 8 ii 12); BPOA 7 2978 (AS 8 ii 13); CST 375 (AS 8 ii 18); Princeton 2 491 (AS 8 iii 16); Erm 07845 (AS 8 iii 26); OIP 121 460 (AS 8 iv 1); BPOA 7 2719 (AS 8 iv 9); CDLJ 2012/1 4.59 (AS 8 iv 9); BCT 1 11 (AS 8 v 3); CST 379 (AS 8 v 15); ASJ 11 324 12 (AS 8 vi 15); BCT 1 12 (AS 8 vi 20); MVN 13 78 (AS 8 vi 21); TCND 370 (AS 8 vii 15); OIP 121 461 (AS 8 viii 5); ASJ 11 325 13 (AS 8 viii 19); Hirose 287 (AS 8 viii 24); OIP 121 462 (AS 8 ix 8); UCP 9-2-2 48 (AS 8 x 14); Rochester 78 (AS 9 xi 26).

Amar-Suen with the exception of one year (AS 5), and some small gaps, such as AS 2 i-ii, v-vii, x, AS 3 vii, x, xii, AS 4 x, AS 6 i, viii-ix, xi, AS 8 xi-xii, for reasons not known to us, especially for AS 5 (i.e. why a one year gap occurred here?) and AS 9 (i.e. why a gap appeared from AS 8 xi to AS 9 x, and why a single transaction suddenly appeared in AS 9 xi?). It is possible that more and more unpublished or undiscovered documents could fill up these gaps in the future. Second, the highest number of dead sheep lies in AS 3 (156+), followed by AS 1 (151), and the number in AS 2 (28) is the lowest. Third, the highest monthly number of dead animals lies in AS 3 i, followed by AS 6 iv, AS 1 ix. Lastly, only one formula (sbt001) is attested in the transactions of dead animals from Nalu to Ur-niġar/Šulgi-iriġu.

9.3 The expenditure (*i*₃-dab₅) of animals transferred to bureaus and individuals

Between AS 1 ii 6 and AS 9 xii diri, Nalu transferred (*i*₃-dab₅) animals to officials of the Puzriš-Dagan organization: Aba-saga (see 9.3.1), Intaea (see 9.3.2), Kamu (see 9.3.3), Lu-Bau (see 9.3.4), Lu-diġira-IS (see 9.3.5), Lu-saga (see 9.3.6) and Zubaga (see 9.3.7), as well as to two individuals: Arad-Amar-Suen (see 9.3.8) and Ku-Ningal the temple perfect (see 9.3.9).

9.3.1 Aba-saga

Two texts mention that Nalu transferred (*i*₃-dab₅) 317+ goats to Aba-saga, the official of the “central bureau”²⁴⁰³. The transfer of animals from the subordinate bureaus to the “central bureau” of the Puzriš-Dagan organization is an uncommon type of transaction. Apart from Nalu, it was only Ahuni (to Nasa, see 3.1.1.5.1) and Enlila (to Aba-saga, see 6.2) who could transfer animals to the principal officials of the “central bureau” of the Puzriš-Dagan organization during the reign of Amar-Suen. The reverse order of transaction in this case indicated that Nalu was an extremely important official of the Puzriš-Dagan organization (see Chapter 18.2.2 and Table 18.4).

9.3.2 Intaea

In AS 5, Nalu transferred (*i*₃-dab₅) 282 animals to Intaea, the official of the “central bureau”²⁴⁰⁴. The animals consist of 112 sheep and eight goats as regular offering for Gula, and 143 sheep and 19 goats for the “kitchen”.

9.3.3 Kamu

Between AS 2 and AS 8, Nalu transferred (*i*₃-dab₅) 550 animals in total to Kamu²⁴⁰⁵. Among the animals, 55 sheep and 50 goats for the Seven-Day-festival (eš₃-eš₃ e₂-u₄-7) in AS 2 iv, 45 sheep and 28 goats in AS 2 iv for the Full-Moon-festival (eš₃-eš₃ e₂-u₄-15), and 46 sheep and 20 goats in AS 5 v for the Full-Moon-festival (e₂-u₄-15).

²⁴⁰³ Ab-ba-sa₆-ga *i*₃-dab₅: MVN 13 445 (AS 3 xi d 29). For Aba-saga, see Chapter 2.2.

²⁴⁰⁴ In-ta-e₃-a *i*₃-dab₅: MVN 15 121 (AS 5 iii); PDT 1 584 (AS 5 xii). For Intaea, see Chapter 2.4.

²⁴⁰⁵ Ka₅^a-mu *i*₃-dab₅: SNAT 77 (AS 2 iv, eš₃-eš₃ e₂-u₄-7, eš₃-eš₃ e₂-u₄-15); PDT 2 859 (AS 5 v, e₂-u₄-15, kišib Lugal-ezem); SAT 1 211 (AS 8 x).

9.3.4 Lu-Bau

Between the first and the eighth month of AS 5, Nalu transferred (i_3 -dab₅) 229 animals in total to Lu-Bau for the bala-funds of three provincial governors, namely Šarakam of Girsu, Habaluge of Adab and Kalamu of Eshnuna²⁴⁰⁶. The details are as follows:

Month	Animal	Purpose	Bala-fund
i	25 sheep 40 goats	eš ₃ -eš ₃ e ₂ -u ₄ -7	bala ^d Šara ₂ -kam
ii	62 sheep, 30 goats	eš ₃ -eš ₃ u ₄ 20 ba-zal	bala Ha-ba-lu ₅ -ge ensi ₂
v	46 sheep 20 goats	eš ₃ -eš ₃ u ₄ 15 ba-zal	bala ^d Šara ₂ -kam
v	3 sheep	sa ₂ -du ₁₁ ^d En-ki-nir-ĝal ₂	bala ^d Šara ₂ -kam
vi	3 sheep	sa ₂ -du ₁₁ ^d En-ki-nir-ĝal ₂ ša ₃ Uri ₅ ^{ki} -ma	bala Kal-la-mu ensi ₂ Aš ₂ -nun ^{ki}
viii	3 sheep	sa ₂ -du ₁₁ ^d En-ki-nir-ĝal ₂	bala ^d Šara ₂ -kam ensi ₂ Ğir ₂ -su ^{ki}

9.3.5 Lu-diĝira-IS

Dated AS 1 ii, Nalu transferred (i_3 -dab₅) two oxen and one sheep to Lu-diĝira-IS, the official of the naGaBtum branch (Twin B)²⁴⁰⁷.

9.3.6 Lu-saga

Dated AS 6 ix, Nalu transferred (i_3 -dab₅) 17 sheep to Lu-saga for the bala-fund of (Lu-balasaga) the governor of Šuruppag²⁴⁰⁸.

9.3.7 Zubaga

Dated AS 9 xii diri, Nalu transferred (i_3 -dab₅) 165 sheep and seven goats to Zubaga, the official of the naGaBtum branch (Twin A)²⁴⁰⁹.

9.3.8 Arad-Amar-Suen

Dated AS 8 x, Nalu transferred (i_3 -dab₅) 30 sheep to Arad-Amar-Suen as the regular offering for the *en*-priestess of Nanna of Gaeš²⁴¹⁰.

9.3.9 Ku-Ningal the temple perfect

Between the first and the twelfth month of AS 8, Nalu transferred (i_3 -dab₅) 406 animals (306 sheep, 100 goats) to Ku-Ningal the temple perfect, as the regular offering for Ninsun²⁴¹¹.

9.3.10 Formulary

The following 13 types of formulae are attested in the transfers (i_3 -dab₅) of animals from Nalu to bureaus and individuals (see Table 9.5):

Table 9.5 Formulae attested in the transfers of animals from Nalu

Type	Formula	Example
idab002	S, ki B-ta, PN i_3 -dab ₅ , MY	OIP 121 465

²⁴⁰⁶ Lu₂-^dBa-u₂ i_3 -dab₅: Erm 14580 (AS 5 i-viii).

²⁴⁰⁷ Lu₂-diĝir-ra i_3 -dab₅: RSO 83 343 8 (AS 1 ii 6-7). For Lu-diĝira-IS, see Chapter 3.2.1.

²⁴⁰⁸ Lu₂-sa₆-ga i_3 -dab₅: Trouville 32 (AS 6 ix, bala ensi₂ Šuruppag^{ki}). For Lu-saga, see Chapter 8.

²⁴⁰⁹ Zu-ba-ga i_3 -dab₅: OIP 121 465 (AS 9 xii d). For Zubaga, see Chapter 3.1.4.

²⁴¹⁰ Arad₂-^dAmar-^dEN.ZU i_3 -dab₅: OIP 121 463 (AS 8 x, sa₂-du₁₁ en ^dNanna).

²⁴¹¹ Ku₃-^dNin-gal šabra i_3 -dab₅: OrSP 47-49 113 (AS 8 i-xii, sa₂-du₁₁ ^dNin-sun₂-še₃).

Type	Formula	Example
idab005	<u>S, u₄ N-kam</u> , ki B-ta, PN i ₃ -dab ₅ , MY	RSO 83 343 8
idab040	S, bala PN, ki B-ta, PN i ₃ -dab ₅ , MY	Trouville 32
idab049	S, ki B-ta, PN i ₃ -dab ₅ , ša ₃ GN, MY	SAT 1 211
idab129	S, sa ₂ -du ₁₁ DN-še ₃ , ki B-ta, PN i ₃ -dab ₅ , ša ₃ GN, MY	MVN 15 121
idab180	S, ki B-ta, PN i ₃ -dab ₅ , M, u ₄ N-kam, Y	MVN 13 445
idab181	<u>S u₄ N-kam</u> , šu-gid ₂ , ki B-ta, PN i ₃ -dab ₅ , MY	MVN 13 492
idab182	S, sa ₂ -du ₁₁ PN-še ₃ , ki B-ta, PN i ₃ -dab ₅ , MY	OIP 121 463
idab183	S, sa ₂ -du ₁₁ DN, S, e ₂ muhaldim-še ₃ , M; S, sa ₂ -du ₁₁ DN, M; S, sa ₂ -du ₁₁ DN, M; <u>S M</u> , e ₂ muhaldim-še ₃ ; ki B-ta, PN i ₃ -dab ₅ , Y	PDT 1 584
idab184	S, eš ₃ -eš ₃ e ₂ -u ₄ -7; S, eš ₃ -eš ₃ e ₂ -u ₄ -15; S; ki B-ta, PN i ₃ -dab ₅ , MY	SNAT 77
idab185	S, e ₂ -u ₄ -15, ki B-ta, PN i ₃ -dab ₅ , kišib PN, MY	PDT 2 859
idab186	S1, eš ₃ -eš ₃ e ₂ -u ₄ -7 iti u ₄ N ba-zal, bala PN, M; S2, eš ₃ -eš ₃ u ₄ N ba-zal, bala PN, M; S3, eš ₃ -eš ₃ u ₄ N ba-zal, S, sa ₂ -du ₁₁ DN, bala PN, M; S4, sa ₂ -du ₁₁ DN, bala PN, M; S5, sa ₂ -du ₁₁ DN, bala PN, M; ki B-ta, PN i ₃ -dab ₅ , Y	Erm 14580
idab187	<u>S M</u> , sa ₂ -du ₁₁ DN-še ₃ , ki B-ta, PN i ₃ -dab ₅ , ša ₃ GN, Y	OrSP 47-49 113

9.4 The receipt (i₃-dab₅) of new-born animals (u₃-tu-da)

Eight texts document that Nalu received (i₃-dab₅) 85 new-born sheep/goats at the sheepphouse of Nippur between AS 1 iv 26 and AS 3 ix 6²⁴¹². Two types of formulae (utuda012, utuda013) are attested in these transactions.

utuda012:	utuda013:
S, u ₄ N-kam	<u>S, u₄ N-kam</u>
u ₃ -tu-da	u ₃ -tu-da
e ₂ -udu-ka	e ₂ -udu-ka
ša ₃ Nibru ^{ki}	ša ₃ Nibru ^{ki}
B i ₃ -dab ₅	B i ₃ -dab ₅
M/Y	M/Y

²⁴¹² u₃-tu-da e₂-udu-ka ša₃ Nibru^{ki} Na-lu₅ i₃-dab₅; TCND 79 (AS 1 iv 26-27); OIP 121 57 (AS 1 v 5-6); CST 234 (AS 1 viii 21); ASJ 7 122 2 (AS 1 ix 12); OIP 121 61 (AS 1 xii 10); OIP 121 63 (AS 3 ii 20); OIP 121 64 (AS 3 iii 3); Erm 14787 (AS 3 ix 3-6).

9.5 Summary

9.5.1 Between AS 1 i and AS 9 xi 28, Nalu expended (ba-zi) 1,799+ animals for cultic purposes, members of the royal household, different individuals, the E'uzga, the "kitchen", the storehouse, the village, feeding dogs and the bala-fund. Among them, 958+ animals were disbursed by Nalu for cultic purposes, and this was Nalu's principal administrative function.

9.5.2 Between AS 1 ii 6 and AS 9 xi 26, Nalu expended (šu ba-ti) 708 dead animals which were accepted by Ur-niġar and by Šulgi-iriġu.

9.5.3 Between AS 1 ii 6 and AS 9 xii diri, Nalu expended (i₃-dab₅) 2,006 animals transferred to five bureaus of the Puzriš-Dagan organization, namely those of Aba-saga, Intaea, Lu-diġira-IS, Lu-saga and Zubaga, and four individuals, namely Arad-Amar-Suen, Kamu, Ku-Ningal the temple perfect and Lu-Bau.

9.5.4 Nalu received (i₃-dab₅) 85 new-born sheep/goats at the sheephouse.

9.5.5 Appendix: Nalu received (i₃-dab₅) three sheep as the regular offering deducted (sa₂-du₁₁ ku₅-ra₂) in Day 6, and three sheep as the delivery (mu-DU) in Day 7 of AS 5 xii²⁴¹³.

²⁴¹³ Na-lu₅ i₃-dab₅: AUCT 1 568 (AS 5 xii 6,7).

10 The Bureau of Nur-Suen

The administrative documents issued by the bureau of Nur-Suen date between AS 6 xii²⁴¹⁴ and AS 8 xi²⁴¹⁵. Nur-Suen dealt exclusively with equids (dusu₂, ^{ans₆}kunga₂), except for two texts²⁴¹⁶. In addition, the administrative activities of Nur-Suen can be divided into the following categories.

1. The expenditure (ba-zi) of equids for feeding dogs.
2. The expenditure (ba-zi) of sheep transferred (i₃-dab₅) to an individual.
3. The expenditure (i₃-dab₅) of sheep transferred to individuals.

10.1 The expenditure (ba-zi) of equids for feeding dogs

In AS 8, Nur-Suen expended (ba-zi) nine equids designated as the šu-gid-contingent for feeding dogs (ur-gir₁₅-re ba-ab-gu₇), for which the ġiri₃ and ugula officials were responsible.

Date	ġiri ₃	ugula	Text
AS 8 iv	Šu-i ₃ -li ₂ sipa ur-gir ₁₅ -ra	I ₃ -lal ₃ -lum	BIN 3 188
AS 8 vii	Ba-ti nu-banda ₃	Šeš-kal-la	BPOA 6 856
AS 8 viii	Šu-i ₃ -li ₂ sipa ur-gir ₁₅ -ra	I ₃ -lal ₃ -lum	Nisaba 8 185
AS 8 ix	PU ₃ .ŠA- ^d En-lil ₂ sipa ur-gir ₁₅ -ra	Na-we-er-DIĠIR	Hirose 288
AS 8 ix	Šu-i ₃ -li ₂ sipa ur-gir ₁₅ -ra	I ₃ -lal ₃ -lum	Hirose 289
AS 8 ix	Ba-ti nu-banda ₃	Šeš-kal-la	Nisaba 8 166
AS 8 x	Šu-i ₃ -li ₂ sipa ur-gir ₁₅ -ra	I ₃ -lal ₃ -lum	MVN 13 543
AS 8 x	Ba-ti nu-banda ₃	Šeš-kal-la	SACT 1 164

The ġiri₃ official (Šu-ili the herder of dogs), who was responsible for the equids disbursed by Nur-Suen which were used for the feeding of dogs, was always overseen (ugula) by Ilallum. Furthermore, the ġiri₃ officials Bati the captain and Puzur-Enlil the herder of dogs, who were responsible for the same disbursement, were always overseen by Šeškala and Nawer-ilum, respectively.

10.2 The expenditure (ba-zi) of sheep transferred to individuals

In AS 7, Nur-Suen expended (ba-zi) 11 sheep designated as the mašdarea-contingent of shepherds (maš₂-da-re-a sipa-e-ne), which were transferred (i₃-dab₅) to Elak-nuid, the herdsman, and the shepherds of the “mountain”²⁴¹⁷.

²⁴¹⁴ BIN 3 270 (AS 6 xii).

²⁴¹⁵ PDT 2 1190 (AS 8 xi). Note that between AS 1 ii (Hirose 86) and AS 7 v (AAICAB 1/4 Bod S 314), the administrative documents from Drehem issued by Nur-Suen involve non-animals.

²⁴¹⁶ BIN 3 270 (AS 6 xii); OIP 121 504 (AS 7 i-xii). All are ba-zi texts, and the destinations of the expenditure are for the dogs. For the domesticated equidae in Ur III period, see Zarins 1978. For the cuneiform signs indicating equidae, see Mittermayer 2005.

²⁴¹⁷ E-la-ak-nu-id na-gada i₃-dab₅, sipa kur-ra-ke₄ ib₂-dab₅: OIP 121 504 (AS 7 i-xii). For this name Elak-nuid, see

10.3 The expenditure (i₃-dab₅) of sheep transferred to an individual

Nur-Suen transferred (i₃-dab₅) one sheep designated as the mašdarea-contingent to Ur-Ninsu in AS 6 xii²⁴¹⁸.

10.4 Formulary

10.4.1 One formula (bazi H2) is attested in the disbursements (ba-zi) of equids by Nur-Suen for feeding dogs. Also, another formula (bazi K4) is attested in the disbursements (ba-zi) of sheep by Nur-Suen transferred (i₃-dab₅) to individuals. The two formulae are given below (see Table 10.1).

Table 10.1 Formulae attested in the disbursements of animals by Nur-Suen

Type	Component	Formula	Commentary	Example
bazi H2	1-2-5-6	S šu-gid ₂ ur-gir ₁₅ -re ba-ab-gu ₇ ġiri ₃ PN ugula PN	animals as the šu-gid- contingent with one ġiri ₃ official and one overseer for feeding dogs	BIN 3 188:1-5
bazi K4	1-2	S maš ₂ -da-re-a sipa-e-ne PN i ₃ -dab ₅	PN received animals as mašdarea offerings of 3 shepherds	OIP 121 504:1-

10.4.2 One formula, idab068, is attested in the transfer (i₃-dab₅) of sheep from Nur-Suen to Ur-Ninsu (see Table 10.2).

Table 10.2 Formulae attested in the transfers of animals from Nur-Suen

Type	Formula	Example
idab068	S, maš ₂ -da-re-a-ni, ki B-ta, PN i ₃ -dab ₅ , MY	BIN 3 270

10.5 Summary

10.5.1 In AS 6 xii, Nur-Suen transferred (i₃-dab₅) one sheep to Ur-Ninsu.

10.5.2 In AS 7, Nur-Suen expended (ba-zi) 11 sheep, which were transferred (i₃-dab₅) to Elak-nuid, the herdsman, and the shepherds of the “mountain”.

10.5.3 In AS 8, Nur-Suen expended (ba-zi) nine equids for feeding dogs.

Hilgert 2002: 497.

²⁴¹⁸ Ur-^dNin-su i₃-dab₅: BIN 3 270 (AS 6 xii). For this name Ur-Ninsu, see Cavigneaux and Krebernik 1998-2001d.

11 The Bureau of Šu-Erra

The administrative documents issued by the bureau of Šu-Erra date between AS 2 vi²⁴¹⁹ and AS 6 xii²⁴²⁰. Šu-Erra dealt exclusively with equids (*dusu₂*). He was considered to be the son of Šu-Idim who also dealt exclusively with equids²⁴²¹. In addition, the administrative activities of Šu-Erra can be divided into the following categories.

1. The expenditure (*ba-zi*) of equids for cultic purposes, different individuals and feeding dogs.
2. The expenditure (*šu ba-ti*) of dead equids accepted by *Ur-niġar/Šulgi-iriġu*.
3. Additional administrative activities of Šu-Erra dealing with sheep/goats.

11.1 The expenditure (*ba-zi*) of equids

Between AS 2 vi and AS 6 iv, Šu-Erra expended (*ba-zi*) equids for cultic purposes (see 11.1.1), for different individuals (see 11.1.2) and for feeding dogs (see 11.1.3).

11.1.1 For cultic purposes

In AS 2 vi, Šu-Erra expended (*ba-zi*) equids for the lustration rite²⁴²².

11.1.2 For different individuals

In AS 2 vii, Šu-Erra expended (*ba-zi*) equids for three Amorites: *Iabanaru*²⁴²³, *Kiranum*²⁴²⁴ and *Niramu*²⁴²⁵, for which a *maškim* official *Aradġu* was responsible.

11.1.3 For feeding dogs

11.1.3.1 In AS 4 iv, Šu-Erra expended (*ba-zi*) equids designated with the *šu-gid*-contingent to the storehouse for feeding dogs. The equids were accepted (*šu ba-ti*) by *Šulgi-iriġu*, for which the *ġiri₃*-official *Zuzumu* was responsible²⁴²⁶.

11.1.3.2 Between AS 4 vii and AS 4 ix, Šu-Erra expended (*ba-zi*) equids designated with the *šu-gid*-contingent for feeding dogs. The equids were transferred (*i₃-dab₅*) to four herders of dogs: *Išme-ilum* overseen by *Nawer-ilum*²⁴²⁷, *Dan-Šulgi* overseen by *Šeš-kala*²⁴²⁸, *Šu-ili*

²⁴¹⁹ BIN 3 42 (AS 2 vi); Nisaba 8 189 (AS 2 vi).

²⁴²⁰ TRU 85 (AS 6 xii).

²⁴²¹ Šu-Er₃-ra kuš₇ dumu Šu-Idim “Šu-Erra the chief herdsman son of Šu-Idim”, SAT 3 1719. Šu-Er₃-ra dub-sar dumu Šu-Idim “Šu-Erra the scribe son of Šu-Idim”, ASJ 16 106 5, AUCT 3 387, PDT 1 698, Princeton 2 101, and SAT 3 1337. For Šu-Idim, see Chapter 12.

²⁴²² a-tu₅-a-še₃: Nisaba 8 189:2 (AS 2 vi, bala Gu₃-de₂-a ensi₂ Gu₂-du₈-a^{ki}).

²⁴²³ Ia₃-ba-na-ru <mar-tu>: Hirose 120:2,7 (AS 2 vii). This name is only attested in this text.

²⁴²⁴ Ki-ra-num₂ <mar-tu>: Hirose 120:4,7 (AS 2 vii). This name is only attested in this text.

²⁴²⁵ Ni-ra-mu <mar-tu>: Hirose 120:6,7 (AS 2 vii). This name is only attested in this text.

²⁴²⁶ šu-gid₂ e₂-kišib-ba-še₃ ur-gir₁₅-re gu₇-ta¹, ġiri₃ Zu-zu-mu, ^dŠul-gi-iri-ġu₁₀ šu ba-ti: BCT 1 79:2-6 (AS 4 iv).

²⁴²⁷ šu-gid₂ mu ur-gir₁₅-ra-še₃, Iš-me-DIĠIR sipa ur-(gir₁₅-ra) i₃-dab₅, ugula Na-we-er-DIĠIR: BCT 1 93:2-5 = BCT 1 92:2-5 = MVN 13 476:2-6 (AS 4 viii).

²⁴²⁸ šu-gid₂ mu ur-gir₁₅-ra-še₃, Dan-^dŠul-gi sipa ur-gir₁₅-ra-ke₄ i₃-dab₅, ugula Šeš-kal-la: OIP 121 499:2,4-7 (AS 4 viii 22).

overseen by Ilallum²⁴²⁹, and Zimzilah overseen by Šeš-kala²⁴³⁰. Note that one šu ba-ti-text TRU 199, dated AS 6 vi, documents that one equid was accepted (šu ba-ti) by Šu-ili the herder of dogs from Šu-Erra, overseen by Ilallum²⁴³¹.

11.1.3.3 Between AS 5 vi and AS 5 vii, Šu-Erra expended (ba-zi) dead equids for feeding dogs. The equids were accepted (šu ba-ti) by three herders of dogs: Išme-ilum overseen by Nawer-ilum²⁴³², Dan-Šulgi (overseen by an unnamed person)²⁴³³, and Zimzilah overseen by Niridaġal²⁴³⁴.

11.1.3.4 Between AS 5 x and AS 6 iv, Šu-Erra expended (ba-zi) equids designated with the šu-gid-contingent for feeding dogs, for which two ġiri₃-officials identified as herders of dogs, Ili-ati overseen by Ilallum²⁴³⁵ and Dan-Šulgi overseen by Šeš-kala²⁴³⁶, were responsible.

11.1.4 Formulary

The following seven types of formulae are attested in the disbursements of animals by Šu-Erra for cultic purposes (bazi A147), for different individuals (bazi C8), and for feeding dogs (bazi H2, H9-10, H13-14) (see Table 11.1).

Table 11.1 _ Formulae attested in the disbursals of animals by Šu-Erra

Type	Component	Formula	Commentary	Example
bazi A147	1-2-6	S, a-tu ₅ -a-še ₃ bala PN	animals for the lustration rite from the bala-fund	Nisaba 8 189:1-4
bazi C8	1-2-4	<u>S, PN</u> PN maškim	animals with one maškim official for two or more individuals	Hirose 120:1-8
bazi H2	1-2-5-6	S šu-gid ₂ ur-gir ₁₅ -re ba-ab-gu ₇ ġiri ₃ PN ugula PN	animals as the šu-gid-contingent with one ġiri ₃ official and one overseer for feeding dogs	PPAC 4 96:1-6
bazi H9	1-2-6	S šu-gid ₂ ur-gir ₁₅ -re gu ₇ -de ₃ PN i ₃ -dab ₅ ugula PN	animals as šu-gid-contingent for feeding dogs, with one overseer, accepted by one individual	TCND 241:1-5
bazi H10	1-2-6	S ba-ug ₇ mu ur-(gir ₁₅)-ra-še ₃ PN šu ba-ti	dead animals for feeding dogs, with one overseer, accepted by one individual	PPAC 4 93:1-4

²⁴²⁹ šu-gid₂ ur-gir₁₅-re gu₇-de₃, Šu-i₃-li₂ sipa ur-ra i₃-dab₅, ugula I₃-lal₃-lum: TCND 241:2-5 (AS 4 xi 8).

²⁴³⁰ šu-gid₂ mu ur-gir₁₅-ra-še₃, Zi-im-zi-la-ah i₃-dab₅, ugula [Šeš-kal]-la: OIP 121 498:2-6 (AS 4 vii). For Zimzilah identified as the herder of dogs, see the texts SAT 2 742 (AS 3 iii, Zi-im-zi-la-ah sipa ur-gir₁₅-ra), ASJ 4 66 12 (AS 5 vii 4, Zi-im-zi-la-ah sipa ur-ra), and PDT 2 1105 (undated, Zi-im-zi-la-ah sipa ur-gir₁₅-ra).

²⁴³¹ ki Šu-Er₃-ra-ta, Šu-i₃-li₂ sipa ur-gir₁₅-ra šu ba-ti, ugula I₃-lal₃-lum: TRU 199 (AS 6 vi).

²⁴³² ba-uš₂ mu ur-gir₁₅-ra-še₃, Iš-me-DIĠIR sipa ur-gir₁₅-ra-ke₄ šu ba-ti, ugula Na-we'(ME)-er-DIĠIR: PPAC 4 93:2-4 (AS 5 vi 26).

²⁴³³ ba-uš₂ mu ur-ra-še₃, Dan-^dŠul-gi sipa ur-ra-ke₄ [šu ba-ti, ugula PN]: OIP 121 501:2-4 (AS 5 vi X).

²⁴³⁴ ba-uš₂ mu ur-ra-še₃, Zi-im-zi-la-ah sipa ur-ra-ke₄ šu ba-ti, ugula Nir-i₃-da-ġal₂: ASJ 4 66 12:2-5 (AS 5 vii 4).

²⁴³⁵ šu-gid₂ ur-gir₁₅-re ba-ab-gu₇, ġiri₃ I₃-li₂-a-ti sipa ur-gir₁₅-ra, ugula I₃-lal₃-lum: PPAC 4 96:2-3,5-6 (AS 5 x 17).

²⁴³⁶ šu-gid₂ ur-gir₁₅-re ba-ab-gu₇, ġiri₃ Dan-^dŠul-gi sipa ur-gir₁₅-ra, ugula Šeš-kal-[la]: ASJ 7 123 14:2-5 (AS 6 iv 10).

Type	Component	Formula	Commentary	Example
		ugula PN		
bazi H13	1-2-5-6	S šu-gid ₂ e ₂ -kišib-ba-še ₃ ur-gir ₁₅ -re gu ₇ -ta ġiri ₃ PN PN šu ba-ti	animals as šu-gid-contingent with one ġiri ₃ official to the storehouse for feeding dogs, accepted by one individual	BCT 1 79:1-6
bazi H14	1-2-6	S šu-gid ₂ mu ur-gir ₁₅ -ra-še ₃ PN i ₃ -dab ₅ ugula PN	animals as šu-gid-contingent for feeding dogs, with one overseer, accepted by one individual	OIP 121 498:1-6

11.2 The expenditure (šu ba-ti) of dead equids accepted by Ur-niġar/Šulgi-iriġu

Apart from expending (ba-zi) equids for cultic purposes, different individuals and feeding dogs, Šu-Erra also expended (šu ba-ti) one dead equid accepted by Ur-niġar in AS 2²⁴³⁷, and three dead equids by Šulgi-iriġu in AS 4²⁴³⁸.

In addition, only one formula (sbt001) is attested in the transactions of dead equids from Šu-Erra to Ur-niġar/Šulgi-iriġu.

11.3 The administrative activities dealing with sheep/goats

Apart from dealing with equids, Šu-Erra transferred (i₃-dab₅) one sheep to Aba-saga, the official of the “central bureau” for the bala-fund in AS 3 vi²⁴³⁹, and six sheep and four goats to Nur-Suen in AS 6 xii²⁴⁴⁰. The following two types of formulae are attested in the transfers of animals from Šu-Erra to bureaus (see Table 11.2).

Table 11.2 Formulae attested in the transfers of animals from Šu-Erra

Type	Formula	Example
idab188	S maš ₂ -da-re-a sipa-ne, ki B-ta, PN i ₃ -dab ₅ , ġiri ₃ PN, M/Y	TRU 85
idab189	S, ki B-ta, PN i ₃ -dab ₅ , bala-a-še ₃ , M/Y	BPOA 7 2907

Interestingly, one text BIN 3 42, dated AS 2 vi, mentions the deliveries (mu-DU) of 270 goats via seven individuals from Šu-Erra, which were probably received by (Aba-saga of) the “central bureau”. It is possible that the above three administrative activities of Šu-Erra dealing

²⁴³⁷ CST 258 (AS 2 x 2).

²⁴³⁸ Nisaba 8 229 (AS 4 x 8); OIP 121 500 (AS 4 ix 23).

²⁴³⁹ ki Šu-Er₃-ra-ta, Ab-ba-sa₆-ga i₃-dab₅: BPOA 7 2907 (AS 3 vi, bala-a-še₃), with the seal impression: Na-sa₆ kurušda. For Aba-saga, see Chapter 2.2.

²⁴⁴⁰ ki Šu-Er₃-ra-ta, Nu-ur₂-^dEN.ZU i₃-dab₅: TRU 85 (AS 6 xii, maš₂-da-re-a sipa-ne), with the seal impression: Nu-ur₂-^dEN.ZU dub-sar dumu I-di₃-Er₃-[ra] “Nur-Suen the scribe son of Iddin-Erra”. For Nur-Suen, see Chapter 10.

with sheep/goats are not issued by Šu-Erra, but by Aba-saga, Nur-Suen and Aba-saga, respectively.

11.4 Appendix: The receipt (i₃-dab₅) of new-born oxen/sheep from individuals

In AS 1, Šu-Erra received (i₃-dab₅) the deliveries (mu-DU) of six oxen via Ur-Sahar-Bau, one sheep via Ušehe-DU, and one sheep via Nasa, all new-born (u₃-tu-da)²⁴⁴¹, which used the formula utuda014: S, ġiri₃ PN, u₃-tu-da, mu-DU, B i₃-dab₅, M/Y “animals via PN, new-born, delivery, B received”.

In AS 2, Šu-Erra received (i₃-dab₅) 59 sheep²⁴⁴².

11.5 Summary

11.5.1 Between AS 2 vi and AS 6 iv, Šu-Erra expended (ba-zi) 17 equids for cultic purposes, different individuals and feeding dogs.

11.5.2 Between AS 2 and AS 4, Šu-Erra expended (šu ba-ti) 3+ dead equids which were accepted by Ur-niġar and Šulgi-iriġu.

²⁴⁴¹ u₃-tu-da, mu-DU, Šu-Er₃-ra i₃-dab₅: CST 247 (AS 1 i-xii, ġiri₃ Ur-^dSahar-^dBa-u₂, ġiri₃ U₂-še₃-he₂-DU, ġiri₃ Na-sa₆).

²⁴⁴² Šu-Er₃-ra i₃-dab₅: CST 262 (AS 2 i-xii).

12 The Bureau of Šu-Idim

The administrative documents issued by the bureau of Šu-Idim date between Š 46 v²⁴⁴³ and AS 3 vii 25²⁴⁴⁴, which spans roughly two and a half years during the reign of Amar-Suen. Šu-Idim dealt exclusively with equids (dusu₂, ^{anse}kunga₂). It is most likely that Šu-Idim equaled with Šu-kabta, the husband of the princess ME-Ištaran, daughter of king Amar-Suen²⁴⁴⁵.

The administrative activities of Šu-Idim can be divided into the following categories:

1. The expenditure (ba-zi) of equids for cultic purposes, different individuals, feeding dogs, and the transfer to an individual.
2. The expenditure (šu ba-ti) of dead equids accepted by Ur-niġar/Šulgi-iriġu.

12.1 The expenditure (ba-zi) of equids

Between AS 1 ii and AS 2 viii, Šu-Idim expended (ba-zi) equids for cultic purposes (see 13.1.1), for different individuals (see 13.1.2), for feeding dogs (see 13.1.3), and for a transfer to an individual (see 13.1.4).

12.1.1 For cultic purposes

Šu-Idim expended (ba-zi) equids for the lustration rite²⁴⁴⁶.

12.1.2 For different individuals

Šu-Idim expended (ba-zi) equids for the following six individuals: Erra-nuid the bird-catcher²⁴⁴⁷, Mama'a the person of the zabar-dab-official²⁴⁴⁸, the Urmu the governor-general²⁴⁴⁹, and three Amorites: Mudanum the son of Naplanum²⁴⁵⁰, Rahau²⁴⁵¹ and an unnamed person of Nahimum²⁴⁵².

²⁴⁴³ BIN 3 416 (Š 46 v): ki Šu-Idim-ta, Kal-la i₃-dab₅ “from Šu-Idim, Kala took over”. Note that one text CDLJ 2012/1 4.05 dated Š 44 v mentions that oxen and equids from Šu-Idim, delivery (ki Šu-Idim-ta, mu-DU), which probably belongs to the “central bureau”.

²⁴⁴⁴ TCND 330 (AS 3 vii 25): ki Šu-Idim-ta, ^dŠul-gi-iri-ġu₁₀ šu ba-ti “from Šu-Idim, Šulgi-iriġu received”.

²⁴⁴⁵ Also see Wu 2008.

²⁴⁴⁶ a-tu₅-a-še₃: PDT 1 438:2 (AS 1 v, bala Ha-ba-lu₅-ge₂ ensi₂ Adab^{ki}).

²⁴⁴⁷ Er₃-ra-nu-id mušen-du₃: CST 223:2 (AS 1 iv). The name Er₃-ra-nu-id with the title mušen-du₃ is also attested in the text MVN 15 363 = RA 9 44 SA 46 (Š 47 xi 5).

²⁴⁴⁸ Ma-ma-a lu₂ zabar-dab₅: CST 228:2 (AS 1 v). The name Ma-ma-a with the title lu₂ zabar-dab₅ is only attested in this text. Other references to lu₂ zabar-dab₅ are OIP 115 325 (Š 47 i, A-ti-da lu₂ zabar-dab₅), MVN 11 J (undated, Girsu, Ġiri₃-ne₂-i₃-sa₆ lu₂ zabar-[dab₅]), and BAOM 2 29 52 (AS 3 xi d, Girsu, Ur-^dEn-lil₂-la₂ lu₂ zabar-dab₅).

²⁴⁴⁹ Ur-mu šakkanġ: Ontario 1 108:4 (AS 1 ii, ša₃ niġ₂-gur₁₁ Šu-^dEn-lil₂-la₂ “among properties of Šu-Enlil”). This name is also attested in the text Santag 7 116 (AS 3 viii 26).

²⁴⁵⁰ Mu-da-num₂ dumu Na-ap-la-num₂ <mar-tu>: AuOr Suppl.11 98:4-5,8 (AS 2 viii). Note that the personal name Mu-da-num₂ is only attested in this text, which is probably a variant of Mi-da-nu-um (also see the texts MVN 13 423, OIP 115 182, AUCT 1 940 and BIN 3 538).

²⁴⁵¹ Ra-ha-u₃ <mar-tu>: AuOr Suppl.11 98:7,8 (AS 2 viii). The name Ra-ha-u₃ mar-tu is also attested in the text OIP 121 77 (AS 2 vii 24). Also, another text MVN 18 550 (Register 5) bears a similar name Ku₆/Ha-u₃-ni-x.

²⁴⁵² lu₂ Na-hi-mu-um <mar-tu>: AuOr Suppl.11 98:2,8 (AS 2 viii). The name Na-hi-mu-um is only attested in this text. One similar name Na-hi-bu-um <mar-tu> is attested in the text Fs Lipinski 215 Kerr 1 (AS 5 vi 27).

12.1.3 For feeding dogs

Šu-Idim expended (ba-zi) equids for feeding dogs. The equids were accepted (šu ba-ti, i₃-dab₅) by two herders of dogs: Dan-Šulgi²⁴⁵³ and Šarrum-bani²⁴⁵⁴.

12.1.4 Transferring to an individual

Šu-Idim expended (ba-zi) equids which were transferred (i₃-dab₅) to Bululu²⁴⁵⁵.

12.1.5 The maškim official

Two maškim officials, Aradġu and Ilallum, were responsible for the disbursements (ba-zi) of equids by Šu-Idim. The former was responsible for the disbursements (ba-zi) of equids by Šu-Idim for cultic purposes and for different individuals, whereas the latter was exclusively responsible for the disbursements (ba-zi) of equids by Šu-Idim for feeding dogs.

12.1.6 Formulary

The following seven types of formulae are attested in the disbursements of animals by Šu-Idim for cultic purposes (bazi A148), for different individuals (bazi C7, C69-70), for feeding dogs (bazi H15-16), and for other purposes (bazi K25) (see Table 12.1).

Table 12.1 _ Formulae attested in the disbursals of animals by Šu-Idim

Type	Component	Formula	Commentary	Example
bazi A148	1-2-6-4	S, a-tu ₅ -a-še ₃ bala PN PN maškim	animals for the lustration rite from the bala-fund with one maškim official	PDT 1 438:1-4
bazi C7	1-2-4	S, PN PN maškim	animals with one maškim official for one individual	CST 223:1-3
bazi C69	1-2	S, PN T-<me>	animals for two or more individuals	AuOr Suppl.11 98:1-8
bazi C70	1-2-4	S ša ₃ niġ ₂ -gur ₁₁ PN PN PN maškim	animals as the individual property with one maškim official for one individual	Ontario 1 108:1-5
bazi H15	1-2-6-4	S šu-gid ₂ mu ur-gir ₁₅ -ra-še ₃ PN i ₃ -dab ₅ PN maškim	animals as the šu-gid-contingent with one maškim official for feeding dogs, PN received/took	ASJ 7 123 15:1-5
bazi H16	1-2-6	S šu-gid ₂ ba-ug ₇ mu ur-(gir ₁₅)-ra-še ₃ PN šu ba-ti	dead animals as šu-gid for dogs, PN received	CST 229:1-4
bazi K25	1-2	S ġiš-še ₃ PN i ₃ -dab ₅	PN received/took animals for plow	Hirose 90:1-4

²⁴⁵³ mu ur-ra-še₃ Dan-^dŠul-gi sipa ur-ra-ke₄ šu ba-ti: CST 229:1-4 (AS 1 v).

²⁴⁵⁴ mu ur-gir₁₅-ra-še₃ Šar-ru-um-ba-ni sipa ur-ra i₃-dab₅: ASJ 7 123 15:1-4 (AS 1 ix).

²⁴⁵⁵ Bu₃-lu₅-lu₅ i₃-dab₅: Hirose 90:4 (AS 1 v).

12.2 The expenditure (šu ba-ti) of dead equids accepted by Ur-niġar/Šulgi-iriġu

12.2.1 The administrative activity

Apart from expending (ba-zi) equids for the above-mentioned destinations, Šu-Idim expended (šu ba-ti) dead equids which were accepted by Ur-niġar and Šulgi-iriġu. Between AS 1 iv 9 and AS 2 xii 3²⁴⁵⁶, Ur-niġar accepted 22 dead equids from Šu-Idim. Also, between Day 13 and Day 25 of AS 3 vii²⁴⁵⁷, Šulgi-iriġu accepted two equids from Šu-Idim. The monthly distribution of dead equids accepted by Ur-niġar/Šulgi-iriġu from Šu-Idim is listed as follows (see Table 12.2):

Table 12.2 Monthly distribution of dead animals accepted by Ur-niġar/Šulgi-iriġu from Šu-Idim

	i	ii	iii	iv	v	vi	vii	viii	ix	x	xi	xii	Sum
AS 1				7	1	0	0	0	2	0	0	0	10
AS 2	0	0	1	0	0	0	0	3	0	4	3	1	12
AS 3	0	0	0	0	0	0	0	2					2

The above chart illustrates that the total number of dead equids is not too high. Also, the highest monthly number of dead equids lies in AS 1 iv. Note that in AS 3, only two equids were accepted from Šu-Idim by Šulgi-iriġu.

12.2.2 Formulary

Except for two texts, the text (Aleppo 6) with the formula sbt034 and the label-text (Torino 2 721)²⁴⁵⁸ with the formula sbt004, the other texts which record the transactions of dead equids from Šu-Idim to Ur-niġar/Šulgi-iriġu use the same formula sbt001. The three formulae can be listed as follows:

²⁴⁵⁶ ki Šu-^dIdim-ta, Ur-ni₉-ġar šu ba-ti: ASJ 7 176 TRU 215 (AS 1 iv 9); TCNU 721 (AS 1 iv); TLB 3 46 (AS 1 v 11); BPOA 7 2678 (AS 1 ix 12); Hirose 111 (AS 2 iii 23); TRU 198 (AS 2 viii 4); TRU 223 (AS 2 viii 22); Aleppo 6 (AS 2 viii 29); BPOA 7 3021 (AS 2 x 7); Nisaba 8 154 (AS 2 x 8); CDLJ 2012/1 4.57 (AS 2 x 9); CST 259 (AS 2 x 27); YOS 18 32 (AS 2 xi 1); CST 260 (AS 2 xi 27/28?); BPOA 7 2803 (AS 2 xii 3). Note that for the text Hirose 111 (AS 2 iii 23), I argue that the equid registered in this text is not šeg₉-bar nita₂ “male deer” but dusu₂ nita₂ “male donkey”, on the basis of the fact that Šu-Idim dealt exclusively with equids. On June 19th of 2013, I received an email and attachments of three photographs of this tablet from Prof. Tohru Ozaki who agreed to my rechecking opinion that the first line of this text is rather dusu₂ nita₂ than šeg₉-bar nita₂. Also I thank Tamako Takeda and Yokohama Museum of EurAsian Cultures that provided me with the original photographs of this cuneiform tablet.

²⁴⁵⁷ ki Šu-^dIdim-ta, ^dŠul-gi-iri-ġu₁₀ šu ba-ti: Nisaba 8 305 (AS 3 vii 13); TCND 330 (AS 3 vii 25). Note that in the text Nisaba 8 305 (AS 3 vii 13), the equid was recorded as dusu₂¹ (ANŠE.KU) nita₂.

²⁴⁵⁸ Note that the text is a label. It was transliterated by Alfonso Archi and Francesco Pomponio, who thought it from Umma. The transliteration by them reads: 6 anše-libir / ba-ug₇ / ki Šu-^dBe-ta / Ur-ni₉-ġar šu₃ / šu ba-ti / iti ki-sig₂-^dNin-a-zu / mu ^dAmar-^dSuen lugal. However, I own the following different opinions. First, the text is from Drehem, on the basis of the month name and the personal names Šu-^dIdim (not Šu-^dBe) and Ur-ni₉-ġar. Second, in the first line, the animal is not anše-libir but dusu₂. Third, followed the personal name Ur-ni₉-ġar, the sign is probably not šu₃ (or kuš₇) but -ke₄, on the basis of the paralleled texts, YOS 18 33 (Š 45 xii, ki Na-lu₅-ta, Ur-ni₉-ġar-ke₄ šu ba-ti, label); BIN 3 308 (Š 46 v 15, ki Na-lu₅-ta, Ur-ni₉-ġar-ke₄ šu ba-ti); NYPL 57 (Š 46 v 27, ki Na-lu₅-ta, Ur-ni₉-ġar-ke₄ šu ba-ti); SAT 2 525 (Š 46 xii 5, ki Lu₂-diġir-ra-ta, Ur-ni₉-ġar-ke₄ šu ba-ti, 1 az); TLB 3 125 (Š 47 i 17, ki Na-lu₅-ta, Ur-ni₉-ġar-ke₄ šu ba-ti); OIP 115 142 (Š 47 vi 13, ki En-diġir-ġu₁₀-ta, Ur-ni₉-ġar-ke₄ šu ba-ti); ASJ 12 42 13 (Š 47 xii 7, ki En-diġir-ġu₁₀-ta, Ur-ni₉-ġar-ke₄ šu ba-ti); Hirose 82 (Š 47 xii 14, ki En-diġir-ġu₁₀-ta, Ur-ni₉-ġar-ke₄ šu ba-ti); MVN 4 117 (AS 2 viii, ki Lu₂-diġir-ra dumu Inim-^dŠara₂-ta, Ur-ni₉-ġar-ke₄ šu ba-ti, label).

sbt001:	sbt004:	sbt034:
S	S	S
ba-uš ₂ /ug ₇	ba-uš ₂ /ug ₇	u ₄ N-kam
u ₄ N-kam	ki B-ta	ba-uš ₂ /ug ₇
ki B-ta	PN šu ba-ti	ki B-ta
PN šu ba-ti	M/Y	PN šu ba-ti
M/Y		M/Y

12.3 Summary

12.3.1 Between AS 1 ii and AS 2 viii, Šu-Idim expended (ba-zi) 49 equids in total for cultic purposes, different individuals, feeding dogs and a transfer to an individual.

12.3.2 Between AS 1 iv 9 and AS 3 vii 25, Šu-Idim expended (šu ba-ti) 24 dead equids which were accepted by Ur-niĝar and Šulgi-iriĝu.

12.3.3 Appendix: in AS 7 iv, Šu-kabta transferred (i₃-dab₅) one sheep to Ur-Ningublaga²⁴⁵⁹.

²⁴⁵⁹ ki Šu-kab-ta₂-ta, Ur-^dNin-gublaga i₃-dab₅: AR RIM 4 21 (AS 7 iv).

13 The Bureau of Ur-kununa

The administrative documents issued by the bureau of Ur-kununa date between Š 43 viii²⁴⁶⁰ and IS 2 xii 23²⁴⁶¹, which spans the entire reign of Amar-Suen. Ur-kununa was considered to be the son of Lu-Ninġirsu the animal fattener²⁴⁶², namely the brother of Duga²⁴⁶³. It can not rule out the possibility that Ur-kununa may be an assistant, even an associate official, of the “central bureau”, like his brother Duga. Apart from few oxen, Ur-kununa dealt exclusively with sheep and goats.

The administrative activities of the bureau of Ur-kununa can be divided into the following categories:

1. The expenditure (ba-zi) of animals for cultic purposes, members of the royal household, different individuals, the “kitchen”, feeding dogs, sealers who received animals, the transfer to an individual, the receipt by individuals, and additional purposes.
2. The expenditure (i₃-dab₅) of animals transferred to bureaus and individuals.
3. The receipt (i₃-dab₅) of animals from delivery (mu-DU).
4. The receipt (i₃-dab₅) of animals from individuals.

13.1 The expenditure (ba-zi) of animals

Between AS 2 vii and AS 8 i 7, Ur-kununa expended (ba-zi) animals for cultic purposes (see 13.1.1), for members of the royal household (see 13.1.2), for different individuals (see 13.1.3), for the “kitchen” (see 13.1.4), for feeding dogs (see 13.1.5), and for other purposes (see 13.1.6).

13.1.1 For cultic purposes

Ur-kununa expended (ba-zi) animals for three deities: Annunitum²⁴⁶⁴, Inana²⁴⁶⁵ and Gula²⁴⁶⁶. Also, he expended (ba-zi) animals for the Full-Moon-festival²⁴⁶⁷.

13.1.2 For members of the royal household

Ur-kununa expended (ba-zi) animals for the king (Amar-Suen)²⁴⁶⁸, Inim-Nanna (son of the king Amar-Suen)²⁴⁶⁹ and (Tulid-Šamši) the ereš-diġir-priestess of Suen²⁴⁷⁰. Note that the

²⁴⁶⁰ TRU 54 (Š 43 viii): ki Ur-ku₃-nun-na-ta, Ur-^dIg-alim i₃-dab₅ “from Ur-kununa, Ur-Igalim took over”.

²⁴⁶¹ Akkadica 114-115 102 32 (IS 2 xii 23): ki Ur-ku₃-nun-na-ta, ^dŠul-gi-iri-ġu₁₀ šu ba-an-ti “from Ur-kununa, Šulgi-iriġu received”.

²⁴⁶² Also see Tsouparopoulou 2008: 217-220.

²⁴⁶³ For Duga, see Chapter 2.5.

²⁴⁶⁴ An-nu-ni-[tum]: AUCT 2 315:5-6 (AS 3 x, kišib In-da-a).

²⁴⁶⁵ ^dInana: AUCT 1 42:3-4 (AS 7 v, kišib Ur-^dBa-u₂ šabra).

²⁴⁶⁶ ^dGu-la: MVN 11 184:31’ (AS 3 iii).

²⁴⁶⁷ eš₃-eš₃ e₂-u₄-15: OrSP 47-49 27:28 (AS 5 v).

²⁴⁶⁸ zi-ga lugal: OrSP 47-49 27:20 (AS 5 ii,iii,iv,v 24).

²⁴⁶⁹ Inim-^dNanna [dumu lugal]: MVN 11 184:34’ (AS 3 iii). Note that the restoration of “[dumu lugal]” is based on

disbursements (ba-zi) of animals by Ur-kununa for deities and for members of the royal household are designated with regular offering (sa₂-du₁₁).

13.1.3 For different individuals

Ur-kununa expended (ba-zi) animals for the following five individuals: Badatina of Šimaškian²⁴⁷¹, Niġ-mumukalle the equestrian²⁴⁷², Ur-dam²⁴⁷³, Ur-Šulpae²⁴⁷⁴ and the zabar-dab-official²⁴⁷⁵.

13.1.4 For the “kitchen”

Ur-kununa expended (ba-zi) animals for the “kitchen”²⁴⁷⁶.

13.1.5 For feeding dogs

Ur-kununa expended (ba-zi) animals which were accepted (šu ba-ti) by Ilum-bani the herder of dogs for feeding dogs²⁴⁷⁷.

13.1.6 For other purposes

13.1.6.1 Ur-kununa expended (ba-zi) animals, which six sealers (kišib PN) received. The six sealers are: Beli-azu²⁴⁷⁸, Habaluge the governor of Adab²⁴⁷⁹, Lugal-ġiškimzi²⁴⁸⁰, Šu-Erra (the son of Šu-Idim)²⁴⁸¹, Šu-Mama the governor of Kazallu²⁴⁸², and Ušmu²⁴⁸³. In addition, Ur-kununa also expended (ba-zi) animals, which were recorded in the single transferred sealed documents (kišib dib-ba)²⁴⁸⁴.

13.1.6.2 Ur-kununa expended (ba-zi) animals which were transferred to Lugal-me-ea, the herdsman²⁴⁸⁵.

13.1.6.3 Ur-kununa expended (ba-zi) dead animals, which were accepted (šu ba-ti) by Nur-Suen²⁴⁸⁶.

the texts BPOA 6 82, NYPL 345 and SAT 2 724.

²⁴⁷⁰ ereš-diġir ^dEN.ZU: MVN 11 184:4 (AS 3 iii 5). For the ereš-diġir-priestess of Suen named with Tulid-Šamši (Tu-li₂-id-^dUTU^š), see Such-Gutiérrez 2003: 265-266.

²⁴⁷¹ Ba-da-ti-na LU₂.SU: MVN 11 184:8 (AS 3 iii 10).

²⁴⁷² Niġ₂-mu-mu-kal-le ra₂-gaba: MVN 11 184:13 (AS 3 iii 14).

²⁴⁷³ Ur-dam: MVN 11 184:16 (AS 3 iii 15). For this name, see Himet 1968: 539.

²⁴⁷⁴ Ur-^dŠul-pa-e₃: MVN 11 184:28' (AS 3 iii 27).

²⁴⁷⁵ niġ₂-mussa^{sa2} e₂ zabar-dab₅-še₃ “betrothal gift to the house of zabar-dab₅-official”: AUCT 2 342:7,11 (AS 2 i,iv,viii,x, bar-ta ġal₂-la). For the term bar-ta ġal₂-la “irregular, extra-ordinary”, see Foxvog 1986: 64 and Sigrist 1992: 93.

²⁴⁷⁶ e₂ muhaldim: MVN 11 184:6,10,15,17, 29' (AS 3 iii 7,12,14,15,27); MVN 2 331:3 (AS 8 i 7).

²⁴⁷⁷ ba-ug₇ mu ur-[gir₁₅]-ra-še₃, DIĠIR-ba-ni sipa ur-gir₁₅-ra-ke₄ šu [ba]-ti: MVN 11 184:32'-33' (AS 3 iii).

²⁴⁷⁸ kišib Be-li₂-a-zu: MVN 13 535:3-4 (AS 3 ii).

²⁴⁷⁹ kišib Ha-ba-lu₅-ge₂ ensi₂ Adab^{ki}: OrSP 47-49 27:33 (AS 5 ii).

²⁴⁸⁰ kišib Lugal-ġiškim-zi: AUCT 2 315:2-3 (AS 3 ix, e₂ udu niga-še₃ “to barley-fed sheepphouse”).

²⁴⁸¹ kišib Šu-Er₃-ra (dumu Šu-^dIdim): OrSP 47-49 27:45 (AS 5 i,iv,v); KM 89208:17 (AS 3 iv/v,viii). For Šu-Erra, see Chapter 11. For Šu-Idim, see Chapter 12.

²⁴⁸² kišib Šu-Ma-ma ensi₂ Ka-zal-lu^{ki}: AUCT 2 315:17 (AS 3 viii).

²⁴⁸³ kišib Uš-mu: BPOA 6 673:4 (AS 2 vii). The name Uš-mu is also read as Nita/UŠ sipa, attested in text BPOA 6 673, and for the possible reading kišib Uš-mu, see the texts AAICAB 1/1 pl. 015 1910-752, AAICAB 1/1 pl. 080 1932-529, Aleppo 349, MVN 13 568, SAT 2 1062, and TCL 2 5498.

²⁴⁸⁴ kišib dib-ba: AUCT 1 812:3 (AS 2 x); OrSP 47-49 27:71,73 (AS 5 v 24).

²⁴⁸⁵ Lugal-me-e₃-a na-gada i₃-dab₅: BIN 3 399:6 (AS 6 iv).

²⁴⁸⁶ ba-ug₇ Nu-ur₂-^dEN.ZU šu ba-ti: OrSP 47-49 27:66 (AS 5 i,ii); AUCT 2 324:3,5-6 (AS 7 xii).

13.1.6.4 Ur-kununa expended (ba-zi) animals which were brought to the field²⁴⁸⁷.

13.1.6.5 Ur-kununa expended (ba-zi) animals designated as the withdrawal (zi-ga)²⁴⁸⁸.

13.1.7 Formulary

The following 17 types of formulae are attested in the disbursements of animals by Ur-kununa for cultic purposes (bazi A34, A149), for members of the royal household (bazi B1, B41-42), for different individuals (bazi C66, C71), for the “kitchen” (bazi E1, E12), for feeding dogs (bazi H4), and for other purposes (bazi K2, K26-31) (see Table 13.1).

Table 13.1 Formulae attested in the disbursements of animals by Ur-kununa

Type	Component	Formula	Commentary	Example
bazi A34	1-2	S, sa ₂ -du ₁₁ DN	animals as regular offering for one deity	MVN 11 184:31'
bazi A149	1-2-6	S, sa ₂ -du ₁₁ DN kišib PN	animals as regular offering for one deity, sealed by PN	AUCT 2 315:5-6
bazi B1	1-2	S, sa ₂ -du ₁₁ PNr	animals as regular offering for one royal member	MVN 11 184:34'
bazi B41	1-2	S, zi-ga lugal	animals as the royal withdrawal	OrSP 47-49 27:5-20
bazi B42	1-2	S, igi-kar ₂ PNr	animals for PNr	MVN 11 184:4
bazi C66	1-2	S, PN	animals for one individual	MVN 11 184:8
bazi C71	1-2	S, niġ ₂ -mussa ^{sa2} e ₂ PN-še ₃ bar-ta ġal ₂ -la	animals as the “betrothal gift” to a place	AUCT 2 342:1-11
bazi E1	1-2	S šu-gid ₂ e ₂ muhaldim-še ₃	animals with the šu-gid-contingent for the “kitchen”	MVN 2 331:1-3
bazi E12	1-2	S, e ₂ muhaldim	animals for the “kitchen”	MVN 11 184:6
bazi H4	1-2-6	S ba-ug ₇ mu ur-gir ₁₅ -ra-še ₃ PN šu ba-ti	dead animals for dogs, PN received	MVN 11 184:32'-33'
bazi K2	1-2	S, PN i ₃ -dab ₅	PN received/took animals	BIN 3 399:1-6
bazi K26	1-2	S, kišib PN	animals sealed by PN	BPOA 6 673:1-4
bazi K27	1-2-(5)	S, kišib dib-ba (ġiri ₃ PN)	animals, sealed, via PN	AUCT 1 812:1-5
bazi K28	1-2	S šu-la ₂ -a kišib PN	animals with the šu-la ₂ -a contingent, sealed by PN	MVN 13 535:1-4
bazi K29	1-2-6	S, e ₂ -udu-niga-še ₃ kišib PN	animals sealed by PN to fatten-sheep-house	AUCT 2 315:1-3
bazi K30	1-5-2	S, ġiri ₃ PN ba-uš ₂ /ug ₇	dead animals with more ġiri ₃ officials, which PN received	OrSP 47-49 27:48-66

²⁴⁸⁷ a-ša₃-ga gub-ba: OrSP 47-49 27:68,73 (AS 5 v 24).

²⁴⁸⁸ zi-ga: OrSP 47-49 27:4 (AS 5 i).

Type	Component	Formula	Commentary	Example
		PN šu ba-ti		
bazi K31	1-5-2	S ba-uš ₂ /ug ₇ ġiri ₃ PN PN šu ba-ti	dead animals with one official, which PN received	ġiri ₃ AUCT 2 324:1-6

13.1.8 Brief summary

The total of number of animals, which Ur-kununa disbursed (ba-zi), is listed as follows (see Table 13.2):

Table 13.2 Statistics of the number of animals disbursed by Ur-kununa

Destination	Oxen	Sheep	Goat	Subtotal
Cultic	6	497	478	981
Royal	0	1,121+	237	1,358+
Individual	15	251+	62+	328+
Kitchen	0	39+	49	88+
Dog	0	22	8	30
Others	0	2,918	3,052	5,970
Total:	21	4,848+	3,886+	8,755+

13.2 The expenditure (i₃-dab₅) of animals transferred to bureaus and individuals

Ur-kununa transferred (i₃-dab₅) animals to two officials of the Puzriš-Dagan organization, namely Duga (54 sheep, 365 goats)²⁴⁸⁹ and Ur-tur (1 ox)²⁴⁹⁰, as well as to four individuals: Uludi (1 goat)²⁴⁹¹, Ur-dukuga (1 goat)²⁴⁹², Ur-Sianna (1 goat)²⁴⁹³ and Zu'ugua (2 goats)²⁴⁹⁴. Interestingly, in AS 4 viii, Ur-kununa transferred 346 (living) sheep/goats to Intaea, the official of the “central bureau” (šu ba-ti), and two sheep to Šabi (i₃-dab₅)²⁴⁹⁵.

The following five types of formulae are attested in the transfers of animals from Ur-kununa to bureaus and individuals (see Table 13.3).

Table 13.3 Formulae attested in the transfers of animals from Ur-kununa

Type	Formula	Example
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²⁴⁸⁹ Du₁₁-ga i₃-dab₅: BIN 3 143 (AS 7 xii). For Duga, see Chapter 2.5.

²⁴⁹⁰ Ur-tur i₃-dab₅: Santag 7 150 (AS 3 vi), with the seal impression: Ur-tur dub-sar dumu Na-sa₆ kurušda “Ur-tur the scribe, son of Nasa”. For Ur-tur, see Chapter 15.

²⁴⁹¹ Ulu₃-di i₃-dab₅: Princeton 1 53 (AS 8 viii).

²⁴⁹² Ur-[du₆]-ku₃-ga i₃-dab₅: AUCT 3 381 (AS 5 x): with the seal impression: Ur-du₆-ku₃-ga aga₃-us₂ Ab-ba-sa₆-ga “Ur-dukuga the soldier/guard of Aba-saga”.

²⁴⁹³ Ur-^dSi₄-an-na i₃-dab₅: AUCT 3 377 (AS 7 xii). For the DN ^dSi₄-an-na, see Such-Gutiérrez 2003: 365.

²⁴⁹⁴ Zu-u₂-gu-a i₃-dab₅: PDT 1 291 (AS 4 v). Other references to this name are the texts AnOr 7 295 and MVN 2 100.

²⁴⁹⁵ ki Ur-ku₃-nun-na-ta, In-ta-e₃-a šu ba-ti, Ša₃-bi i₃-dab₅: OrSP 47-49 120 (AS 4 viii). For Intaea, see Chapter 2.4.

Type	Formula	Example
idab002	S, ki B-ta, PN i ₃ -dab ₅ , MY	Princeton 1 53
idab022	S, ki B-ta, PN i ₃ -dab ₅ , ġiri ₃ PN, MY	Santag 7 150
idab150	<u>S, kišib PN</u> , ki B-ta, PN šu ba-ti; S2, PN i ₃ -dab ₅ , MY	OrSP 47-49 120
idab190	S, ki B-ta, PN i ₃ -dab ₅ , ša ₃ GN, MY, ġiri ₃ PN	AUCT 3 381
idab191	S, kišib didli, šu-la ₂ -a, ki B-ta, PN i ₃ -dab ₅ , MY	BIN 3 143

13.3 The receipt (i₃-dab₅) of animals from delivery (mu-DU)

As the officials of the “central bureau” did, Ur-kununa received (i₃-dab₅) the deliveries (mu-DU) of 1,366+ sheep/goats between AS 2 ix and AS 3 iv. Among them, there were 93 sheep/goats, for which three ġiri₃-officials, Engardu, DU-ili and Lugal-ezem, were responsible, and 447+ sheep/goats from the bala-funds of two provincial governors, Ur-mes of Urusaġrig and Ur-Lamma of Girsu²⁴⁹⁶. The following five types of formulae (mudu C27-C31) are attested in the transactions which record the animals that Ur-kununa received (i₃-dab₅) from the deliveries (mu-DU).

mudu C27	mudu C28	mudu C29	mudu C30	mudu C31
<u>S, u₄ N-kam</u>	<u>S, u₄ N-kam</u>	<u>S, ġiri₃ PN</u>	S1	S1, u ₄ N-kam, mu PN-še ₃
mu-DU	ġiri ₃ PN	mu-DU	mu-DU u ₄ N-kam	<u>S2, mu PN-še₃</u> , u ₄ N-kam
B i ₃ -dab ₅	mu-DU	u ₄ N-kam	<u>S2, u₄ N-kam</u>	mu-DU ġiri ₃ PN
M/Y	B i ₃ -dab ₅	B i ₃ -dab ₅	šu-niġin ₂	S3, ki PN-ta
	M/Y	M/Y	mu-DU B i ₃ -dab ₅	S4, sa ₂ -du ₁₁ ku ₅ -ra ₂
			M/Y	bala PN, ki PN-ta
				mu-DU B i ₃ -dab ₅
				M/Y

13.4 Appendix: the receipt (i₃-dab₅) of animals

In AS 3 vii, Ur-kununa received (i₃-dab₅) 10 sheep and one goat from the private properties (e₂-du₆-la, niġ₂-gur₁₁) of Lu-šalim the captain²⁴⁹⁷.

In AS 3 viii, Ur-kununa received (i₃-dab₅) 184 sheep and three goats from the herders²⁴⁹⁸.

One undated text records that Ur-kununa received (i₃-dab₅) 100 animals from DU-ili, Nasa, Aba-saga and Nanšekam, which was several dealed²⁴⁹⁹.

²⁴⁹⁶ CDLJ 2002/1 3 (AS 2 ix 25-26); BPOA 6 742 (AS 3 iii 18, 24, ġiri₃ Engar-du₁₀); OIP 121 584 = AAICAB 1/3 pl.197 Bod A 73:10 (AS 3 iv 16, ġiri₃ DU₁₀-i₃-li₂); OIP 121 584 (AS 3 iv 16, ġiri₃ Lugal-ezem); BIN 3 527 (AS 3 iv 1-30); AAICAB 1/3 pl.197 Bod A 73 (AS 3 iv, ki Ur-mes ensi₂ Uru-saġ-rig^{ki}-ta, bala Ur^d-Lamma ensi₂ Ġir₂-su^{ki}).

²⁴⁹⁷ e₂-du₆-la, niġ₂-gur₁₁ Lu₂-ša-lim nu-banda₃, Ur-ku₃-nun-na i₃-dab₅: AuOr Suppl.11 22 (AS 3 vii). For the term e₂-du₆-la, see Heimpel 1997: 63.

²⁴⁹⁸ ki sipa-e-ne-ta, Ur-ku₃-nun-na i₃-dab₅: AUCT 2 222 (AS 3 viii).

²⁴⁹⁹ Ur-ku₃-nun-na i₃-dab₅: Erm 14566 (AS - xii).

13.5 Summary

13.5.1 Between AS 2 vii and AS 8 i 7, Ur-kununa expended (ba-zi) 8,755+ animals (mostly sheep and goats) for cultic purposes, members of the royal household, different individuals, the “kitchen”, feeding dogs, sealers who received animals, the transfer to an individual, the receipt by individuals and additional purposes.

13.5.2 Ur-kununa expended (i_3 -dab₅) 773 animals which were transferred to three officials of the subordinate bureaus of the Puzriš-Dagan organization, Duga, Intaea and Ur-tur, and to five individuals, Šabi, Uludi, Ur-dukuga, Ur-Sianna and Zu’ugua. Among them, 419 animals (54.2 %) were transferred from Ur-kununa to (his brother) Duga, and 346 (44.8 %) animals were accepted (šu ba-ti) by Intaea from Ur-kununa. To sum up, the number of animals which two officials of the “central bureau”, both Intaea and Duga, received (i_3 -dab₅, šu ba-ti) is 765 and accounts for approximately 99 percent of all animals transferred from Ur-kununa.

13.5.3 Between AS 2 ix and AS 3 iv, Ur-kununa received (i_3 -dab₅) the deliveries (mu-DU) of 1,366+ animals.

13.5.4 Between AS 3 ii 5 and AS 3 viii, Ur-kununa received (i_3 -dab₅) 313 animals from Šeluš-Dagan, Ur-ešlila and the herders, and from the private property.

14 The Bureau of Ur-šugalama

The administrative documents issued by the bureau of Ur-šugalama date between AS 2 vii²⁵⁰⁰ and IS 1 xii²⁵⁰¹, which spans seven and a half years or so during the reign of Amar-Suen. Ur-šugalama was considered to be the son of Ur-saga, namely the grandson of Enlila²⁵⁰². As his grandfather Enlila did, Ur-šugalama also dealt exclusively with oxen. In addition, the administrative activities issued by the bureau of Ur-šugalama can be divided into the following categories:

1. The expenditure (ba-zi) of oxen for cultic purposes, different individuals, the “kitchen”, the transfer to individuals and a sealer.
2. The expenditure (i₃-dab₅) of oxen transferred to bureaus and individuals.

14.1 The expenditure (ba-zi) of oxen

Between AS 4 i 5 and AS 9 xii diri, Ur-šugalama expended (ba-zi) oxen for cultic purposes (see 14.1.1), for different individuals (see 14.1.2), for the “kitchen” (see 14.1.3), and for other purposes (see 14.1.4).

14.1.1 For cultic purposes

Ur-šugalama expended (ba-zi) oxen for seven deities: Annunitum²⁵⁰³, Enki²⁵⁰⁴, Nanna²⁵⁰⁵, Ninhursaĝ²⁵⁰⁶, Ninsun²⁵⁰⁷, Ulmašitum²⁵⁰⁸, and Utu²⁵⁰⁹. Also, he expended (ba-zi) oxen for the sites of the libations of (the late kings) Šulgi²⁵¹⁰ and Amar-Suen²⁵¹¹.

²⁵⁰⁰ BIN 3 52 (AS 2 vii): ki Ur-šu-ga-lam-ma-ta, Ur-sa₆-ga dumu ^dEn-lil₂-la₂ i₃-dab₅ “from Ur-šugalama, Ur-saga son of Enlila received”.

²⁵⁰¹ SumRecDreh 30 (IS 1 xii): ki Ur-šu-ga-lam-ma-ta, Lu₂-^dNin-ĝir₂-su šu ba-an-ti “from Ur-šugalama, Lu-Ninĝirsu received”. Note that Lu-Ninĝirsu was considered to be the brother of Ur-šugalama (see Tsouparopoulou 2008: 234). Note also that the latest text issued by the bureau of Ur-šugalama is available SACT 1 103, dated IS 2 iii: ki Ur-šu-ga-lam-ma-ta, Lu₂-^dEN.ZU šu ba-ti, with the seal impression of Lu-Suen who was also considered to be the brother of Ur-šugalama and the son of Ur-saga (see Tsouparopoulou 2008: 234).

²⁵⁰² Also see Tsouparopoulou 2008: 234. For Enlila, see Chapter 6.

²⁵⁰³ An-nu-ni-tum: AUCT 1 209:7 (AS 4 i 17, bala ^dNanna-zi-ša₃-ĝal₂ ensi₂ Ĝir₂-su^{ki}); PDT 2 1093:2 (AS 5 v 1, diĝir ku-ku ku₄-ra); BCT 1 91:2,3 (AS 9 v 30, ezem diĝir ku-ku e₂-a ku₄-ra “entering into the temple in the festival of diĝir-ku-ku”).

²⁵⁰⁴ ^dEn-ki nin-ul-IL₂: AUCT 1 209:5 (AS 4 i 12, bala ^dNanna-zi-ša₃-ĝal₂ ensi₂ Ĝir₂-su^{ki}). ^dEn-ki ša₃ Eridu^{ki}: OIP 121 597:7 (AS 9 x 6-8). For the phrase ^dEn-ki nin-ul-IL₂ „Enki der Handwerker“, see Sallaberger 1993: 223.

²⁵⁰⁵ ^dNanna: South Dakota 52:1 (AS 5 x 15, siskur₂ gu-la); RA 101 39 6:2 (AS 8 vii 1); OIP 121 597:1-3 (AS 9 x 6-8); SET 84:1 (AS 9 x 8).

²⁵⁰⁶ ^dNin-hur-saĝ nu-banda₃: AUCT 1 209:9 (AS 4 i 20, bala ^dNanna-zi-ša₃-ĝal₂ ensi₂ Ĝir₂-su^{ki}).

²⁵⁰⁷ ^dNin-sun₂: AUCT 1 209:1 (AS 4 i 1, bala ^dNanna-zi-ša₃-ĝal₂ ensi₂ Ĝir₂-su^{ki}).

²⁵⁰⁸ ^dUl-ma-ši-tum: AUCT 1 209:6 (AS 4 i 17, bala ^dNanna-zi-ša₃-ĝal₂ ensi₂ Ĝir₂-su^{ki}).

²⁵⁰⁹ ki ^dUtu en Ga-eš^{ki}-še₃ “to the place of Utu the lord of Gaeš”: SACT 1 165:2 (AS 8 xi 29).

²⁵¹⁰ ki-a-naĝ ^dŠul-gi: PDT 1 384:2 (AS 9 xi 30).

²⁵¹¹ ki-a-naĝ ^dAmar-^dEN.ZU: PDT 1 384:4 (AS 9 xi 30).

14.1.2 For different individuals

Ur-šugalama expended (ba-zi) oxen for five individuals: Dukra²⁵¹², Lugal-kuzu²⁵¹³, Naplanum the Amorite²⁵¹⁴, Šulgi-abi the Amorite²⁵¹⁵ and Ur-Ningublaga the singer²⁵¹⁶.

14.1.3 For the “kitchen”

Ur-šugalama expended (ba-zi) oxen to the “kitchen” for runners²⁵¹⁷.

14.1.4 For other purposes

14.1.4.1 Ur-šugalama expended (ba-zi) one ox, which was sealed (kišib) by Aršiah, the governor of Babylon (for bala-fund)²⁵¹⁸.

14.1.4.2 Ur-šugalama expended (ba-zi) oxen which were transferred (i₃-dab₅) to Nanna-zišaġal, the governor of Girsu (for bala-fund)²⁵¹⁹.

14.1.4.3 Ur-šugalama expended (ba-zi) oxen which were transferred (i₃-dab₅) to Tah(i)š-atal²⁵²⁰, the official of the Puzriš-Dagan organization.

14.1.5 Appendix: with the formula ki Ur-šu-ga-lam-ma-ta

Three texts issued by Ur-šugalama did not bear the phrase ki Ur-šu-ga-lam-ma-ta ba-zi but ki Ur-šu-ga-lam-ma-ta, for the possible reason that the scribe did not add the term ba-zi following ki Ur-šu-ga-lam-ma-ta to the tablets. Another possible reason is that it belongs to different administrative activities than the disbursements (ba-zi) of animals by Ur-šugalama. Specifically, Ur-šugalama (expended) 38 oxen designated as the stocktaking in AS 4 xii²⁵²¹, and 10 dead oxen to the palace between AS 6 ix and AS 7 v²⁵²².

14.1.6 The ġiri₃- and/or maškim official

The ġiri₃- and/or maškim officials, who were responsible for the disbursements of oxen by Ur-šugalama for various destinations or purposes, are listed as follows (see Table 14.1):

Table 14.1 _ Distribution of ġiri₃ or/and maškim officials responsible for the disbursals of animals by Ur-šugalama

	Cultic	Individuals	Kitchen	Transferor	Sealer
ġiri ₃ /maškim					

²⁵¹² Du-uk-ra: BCT 1 84:3 (AS 8 x 15+, ša₃ mu-DU-ra-ta).

²⁵¹³ Lugal-ku₃-zu: Hirose 205:2 (AS 5 vi 29).

²⁵¹⁴ Na-ap-la-nu-um mar-tu: SET 61:2 (AS 4 i 5).

²⁵¹⁵ ^dŠul-gi-a-bi₂: BCT 1 85:2-3 (AS 8 x 22, u₄ Na-ap-la-num₂ ab-ba-ni-ir kaš in-na-ni-de₂-a “when Naplanum poured beer for his father”). For Šulgi-abi identified as Amorite, for instance see CTMMA 1 17 (^dŠul-gi-a-bi₂ <mar-tu>).

²⁵¹⁶ Ur-^d[Nin-gublaga] nar: BCT 1 84:1 (AS 8 x 15+, ša₃ mu-DU-ra-ta).

²⁵¹⁷ e₂ muhaldim mu kaš₄-ke₄-ne-še₃; Nisaba 8 153:2-3 (AS 5 vi 21); BCT 1 85:4-5 (AS 8 x 22).

²⁵¹⁸ kišib Ar-ši-ah ensi₂ Babilim^{ki}: Babyloniaca 8 Pupil 7:3 (AS 4 i, mu-DU lugal).

²⁵¹⁹ ^dNanna-zi-ša₃-ġal₂ ensi₂ Ġir₂-su^{ki} i₃-dab₅: RA 9 49 SA 125 (pl.3):4-5 (AS 4 ix m, bala-a zi-ga “withdrawal of bala”).

²⁵²⁰ Tah-ša-tal i₃-dab₅: JCS 39 121 4:3 (AS 7 x 17). For Tah(i)š-atal, see Chapter 4.3.

²⁵²¹ Trouvaille 41 (AS 4 xii, šu sum-ma).

²⁵²² MVN 13 802 (AS 6 ix, e₂-gal-la ba-an-ku₄ “entering into the palace”); AUCT 1 52 (AS 7 v 18,21,23,29, e₂-gal-la-še₃ mu-DU “delivery to the palace”).

ĝiri₃/maškim	Cultic	Individuals	Kitchen	Transferor	Sealer
Arad ₂ -ĝu ₁₀		x	x		
Ka ₅ ^a -mu				y	
Lugal-KA-gi-na sukkal		y			
Lugal-ma ₂ -gur ₈ -re sukkal	x				
Maš-tur sagi	x				
SIPA-si-in sagi	y				
^d Šul-gi-iri-ĝu ₁₀			x		
U ₂ -la-i ₃ -li ₂ kuš ₇		x			
Ur- ^d Lamma sagi	y				

14.1.7 Formulary

The following 14 types of formulae are attested in the disbursements of animals by Ur-šugalama for cultic purposes (bazi A15, A39, A150-154), for different individuals (bazi C7, C41, C72), for the “kitchen” (bazi E46), and for other purposes (bazi K8, K32-33) (see Table 14.2).

Table 14.2 Formulae attested in the disbursals of animals by Ur-šugalama

Type	Component	Formula	Commentary	Example
bazi A15	1-2-4	S, DN lugal ku ₄ -ra	animals with royal presence for one deity	SET 84
bazi A39	1-2-8-4	S, DN siskur ₂ gu-la PN maškim	animals with one maškim official for one deity at the “Big-rite”	South Dakota 52
bazi A150	1-2-8-5	S, DN diĝir ku-ku ku ₄ -ra ĝiri ₃ PN	animals with one ĝiri ₃ official for one deity	PDT 2 1093
bazi A151	1-2-8-5	S, DN ezem diĝir ku-ku e ₂ -a ku ₄ -ra ĝiri ₃ PN	animals with one ĝiri ₃ official for one deity	BCT 1 91
bazi A152	1-2-4	S, DN a ₂ -u ₄ -te-na lugal ku ₄ -ra	animals for a deity, with royal presentation	RA 101 39 6
bazi A153	1-2-6	<u>S, DN</u> bala PN	animals for DN, as the bala-fund of PN	AUCT 1 209
bazi A154	1-2	S ki-a-naĝ PNr	animals with one maškim official for the libation of PNr	PDT 1 384
bazi C7	1-2-4	S, PN	animals with one maškim official	Hirose 205

Type	Component	Formula	Commentary	Example
		PN maškim	for one individual	
bazi C41	1-2-5-4-7	S, PN ĝiri ₃ PN PN maškim ša ₃ GN	animals with one ĝiri ₃ and one maškim official for one individual at GN	SET 61
bazi C72	1-2-9-4	S, PN u ₄ PN ab-ba-ni-ir kaš in-na-ni-de ₂ -a <PN maškim>	animals for PN when PN took a banquet for his father, with one maškim official	BCT 1 85
bazi E46	1-2-4	S, e ₂ muhaldim mu kaš ₄ -ke ₄ -ne-še ₃ PN maškim	animals to the “kitchen” for the runners, with one maškim official	Nisaba 8 153
bazi K8	1-2	S u ₄ N-kam PN i ₃ -dab ₅	PN received/took animals at the Nth day	JCS 39 121 4
bazi K32	1-2	S mu-DU lugal kišib PN	animals as royal delivery, sealed by PN (=ensi ₂)	Babyloniaca 8 Pupil 7
bazi K33	1-2-5	S bala-a zi-ga PN i ₃ -dab ₅ ĝiri ₃ PN	animals as the bala-tax of PN1, PN2 took in charge, with one ĝiri ₃ official	RA 9 49 SA 125 (pl.3)

14.1.8 Brief summary

The total of number of oxen, which Ur-šugalama disbursed (ba-zi), is listed as follows (see Table 14.3):

Table 14.3 _ Statistics of the number of animals disbursed by Ur-šugalama

Destination	Oxen
Cultic	50+
Individual	5
Kitchen	2
Others	14
Total:	71+

14.2 The expenditure (i₃-dab₅) of oxen transferred to bureaus and individuals

Apart from expending (ba-zi) oxen for various destinations or purposes, Ur-šugalama also transferred (i₃-dab₅) 78 oxen to five officials of the subordinate bureaus of the Puzriš-Dagan organization: Lu-diĝira-IS²⁵²³, Šulgi-a’āgu²⁵²⁴, Ur-saga the son of Enlila²⁵²⁵, Ur-tur²⁵²⁶ and

²⁵²³ Lu₂-diĝir-ra i₃-dab₅: Hirose 142 (AS 3 vii 16).

Zubaga²⁵²⁷, and to four individuals: Beli-azu²⁵²⁸, Gudea the governor of Gudua²⁵²⁹, Inda'a²⁵³⁰, and Lu-Bau the chief herdsman²⁵³¹.

The following seven types of formulae are attested in the transfers of oxen from Ur-šugalama to bureaus and individuals (see Table 14.4).

Table 14.4 Formulae attested in the transfers of animals from Ur-šugalama

Type	Formula	Example
idab001	S, u ₄ N-kam, ki B-ta, PN i ₃ -dab ₅ , MY	Hirose 142
idab002	S, ki B-ta, PN i ₃ -dab ₅ , MY	Hirose 175
idab019	S, ki B-ta, mu PN1-še ₃ , PN2 i ₃ -dab ₅ , MY	BIN 3 52
idab064	S, šu-la ₂ -a, u ₄ N-kam, ki B-ta, PN i ₃ -dab ₅ , MY	BPOA 6 113
idab192	S, ki B-ta, PN i ₃ -dab ₅ , ša ₃ GN, iti u ₄ N ba-zal, MY	PDT 1 88
idab193	S, ki B-ta, niĝ ₂ -ezem-ma-še ₃ , PN i ₃ -dab ₅ , MY	SAT 2 1017
idab194	S, gu ₄ eš ₃ -eš ₃ -še ₃ , ki B-ta, PN i ₃ -dab ₅ , MY	SET 23

14.3 Appendix: the withdrawal (zi-ga) of animals

Five texts²⁵³² record the withdrawals (zi-ga) of animals for various purposes or destinations, with the phrases bala, ĝiri₃, u₃ Ur-šu-ga-lam-ma dub-sar e₂-gal “the bala-fund, responsible for the ĝiri₃-official and Ur-šugalama the scribe of the palace”. The bureaus, to which the texts belong, and the significance of Ur-šugalama in this case, are unclear.

14.4 Summary

14.4.1 Between AS 4 i 5 and AS 9 xii diri, Ur-šugalama expended (ba-zi) 71+ oxen for cultic purposes, different individuals, the “kitchen”, the transfer to individuals and for a sealer.

14.4.2 Between AS 2 vii and AS 8 vii, Ur-šugalama transferred (i₃-dab₅) 78 oxen to four officials of the subordinate bureaus of the Puzriš-Dagan organization: Lu-diĝira-IS, Šulgi-a'aĝu, Ur-tur and Zubaga, and to five individuals, Beli-azu, Gudea the governor of Gudua, Inda'a, Lu-Bau the chief herdsman and Ur-saga the son of Enlila.

²⁵²⁴ dŠul-gi-a-a-ĝu₁₀ i₃-dab₅: Hirose 149 (AS 4 i 25).

²⁵²⁵ Ur-sa₆-ga dumu dEn-lil₂-la₂ i₃-dab₅: BIN 3 52 (AS 2 vii, mu Ab-<ba>-sa₆-ga-še₃ “on behalf of Aba-saga”).

²⁵²⁶ Ur-tur i₃-dab₅: PDT 1 88 (AS 7 vii 22).

²⁵²⁷ Zu-ba-ga i₃-dab₅: BCT 1 52 (AS 8 vii 8).

²⁵²⁸ Be-li₂-a-zu i₃-dab₅: BPOA 6 113 (AS 4 xii 17).

²⁵²⁹ Gu₃-de₂-a ensi₂ Gu₂-du₈-a^{ki} i₃-dab₅: SAT 2 1017 (AS 7 x).

²⁵³⁰ In-da-a i₃-dab₅: SET 23 (AS 8 vii).

²⁵³¹ Lu₂-dBa-u₂ unu₃ i₃-dab₅: Hirose 175 (AS 4 xii).

²⁵³² AUCT 1 66 (AS 3 x 7); AUCT 1 488 (AS 3 x 14); KM 89256 (AS 5 xii 8); Erm 14582 (AS 5 xii 16); RA 79 22 8 (AS 5 xii 20).

15 The Bureau of Ur-tur

The administrative documents issued by the bureau of Ur-tur date to two periods: one dating Š 46 iii²⁵³³, and the other dating between AS 5 v 30²⁵³⁴ and AS 9 xi 23²⁵³⁵, which spans more than four years during the reign of Amar-Suen. Ur-tur held the title with the herder of barley-fed oxen²⁵³⁶, and he was considered to be the son of Nasa²⁵³⁷, namely the brother of Aba-saga and Lugal-amarku. Moreover, Ur-tur dealt exclusively with oxen. Interestingly, unlike as his father Nasa and his both brothers Aba-saga and Lugal-amarku did, Ur-tur did not serve for the “central bureau” of the Puzriš-Dagan organization.

The administrative activities of the bureau of Ur-tur can be divided into the following categories:

1. The expenditure (ba-zi) of oxen for cultic purposes and the “kitchen”.
2. The expenditure (i₃-dab₅) of oxen transferred to bureaus.
3. The expenditure (šu ba-ti) of dead oxen accepted by Šulgi-iriĝu.
4. Additional administrative activities.

15.1 The expenditure (ba-zi) of oxen

Between AS 6 xi 19 and AS 9 xi 23, Ur-tur expended (ba-zi) oxen for cultic purposes (see 15.1.1), and for the “kitchen” (see 15.1.2).

15.1.1 For cultic purposes

Ur-tur expended (ba-zi) oxen for the deity Enlil²⁵³⁸, and for the rite of the boat of An²⁵³⁹.

15.1.2 For the “kitchen”

15.1.2.1 Ur-tur expended (ba-zi) oxen designated with the šu-gid-contingent for the “kitchen”²⁵⁴⁰.

15.1.2.2 Ur-tur expended (ba-zi) oxen designated with the šu-gid-contingent to the “kitchen” for the GAR₃.DU people²⁵⁴¹.

15.1.3 Formulary

The following four types of formulae are attested in the disbursements of oxen by Ur-tur for

²⁵³³ TCL 2 5612 (Š 46 iii): ki Ur-tur-ta, ^dEn-lil₂-la₂ i₃-dab₅ “from Ur-tur, Enlila took over”.

²⁵³⁴ PPAC 4 29 (AS 5 v 30).

²⁵³⁵ OIP 121 532 (AS 9 xi 23).

²⁵³⁶ SmithCS 439 (AS 7 i-xii): Ur-tur sipa gu₄ niga “Ur-tur the barley-fed ox-herder”. PDT 2 1307 (undated): Ur-tur sipa gu₄ “Ur-tur the (barley-fed) ox-herder”.

²⁵³⁷ For instance see the seal impression of the text Santag 7 150 (AS 3 vi): Ur-tur dub-sar dumu Na-sa₆ kurušda “Ur-tur the scribe, son of Nasa the fattener”.

²⁵³⁸ ^dEn-lil₂: BPOA 7 2911:2 (AS 8 xi 22).

²⁵³⁹ siskur₂ ma₂ An-na: OIP 121 532:2 (AS 9 xi 23).

²⁵⁴⁰ šu-gid₂ e₂ muhaldim-še₃: OIP 121 531:1-2 (AS 6 xi 19).

²⁵⁴¹ šu-gid₂ e₂ muhaldim mu gar₃-du-ne-še₃: BCT 1 82:1-3 (AS 8 i 5).

cultic purposes (bazi A15, A127) and for the “kitchen” (bazi E1, E35) (see Table 15.1).

Table 15.1 Formulae attested in the disbursals of animals by Ur-tur

Type	Component	Formula	Commentary	Example
bazi A15	1-2-4	S, DN lugal ku ₄ -ra	animals with royal presence for one deity	BPOA 7 2911
bazi A127	1-2-8-4	S, DN siskur ₂ ma ₂ An-na PN maškim	animals for DN, for the rite of Boat of An, with one maškim official	OIP 121 532
bazi E1	1-2	S šu-gid ₂ e ₂ muhaldim-še ₃	animals with the šu-gid-contingent for the “kitchen”	OIP 121 531
bazi E35	1-2	S šu-gid ₂ e ₂ muhaldim mu gar ₃ -du-e-ne-še ₃	animals as the šu-gid-contingent to the “kitchen” for GAR ₃ .DU people	BCT 1 82

15.2 The expenditure (i₃-dab₅) of oxen transferred to bureaus

Apart from expending (ba-zi) oxen for cultic purposes and the “kitchen”, Ur-tur transferred (i₃-dab₅) oxen to three officials of the subordinate bureaus of the Puzriš-Dagan organization, namely Lu-Bau (6 oxen)²⁵⁴², Lu-saga (85 oxen)²⁵⁴³ and Ur-šugalama (1 ox)²⁵⁴⁴, between AS 5 v 30 and AS 7 xi. The following five types of formulae are attested in the transfers of oxen from Ur-tur to the officials of the Puzriš-Dagan organization (see Table 15.2).

Table 15.2 Formulae attested in the transfers of animals from Ur-tur

Type	Formula	Example
idab001	S, u ₄ N-kam, ki B-ta, PN i ₃ -dab ₅ , MY	PPAC 4 33
idab040	S, bala PN, ki B-ta, PN i ₃ -dab ₅ , MY	RSO 9 472 P367
idab195	S, e ₂ -e niĝ ₂ -sum-ma ku ₅ -ku, iti u ₄ N ba-zal, bala PN, ki B-ta, PN i ₃ -dab ₅ , MY	TRU 49
idab196	S, eš ₃ -eš ₃ u ₄ -sakar, iti u ₄ N ba-zal, ki B-ta, PN i ₃ -dab ₅ , MY	PPAC 4 29
idab197	S, eš ₃ -eš ₃ e ₂ -u ₄ -sakar, iti u ₄ N ba-zal, šu-niĝin ₂ , bala PN, ki B-ta, PN i ₃ -dab ₅ , MY	MVN 15 99

15.3 The expenditure (š_u ba-ti) of dead oxen accepted by Šulgi-iriĝu

²⁵⁴² Lu₂-^dBa-u₂ i₃-dab₅: PPAC 4 29 (AS 5 v 30, eš₃-eš₃ u₄-sakar “for the Crescent-Moon-festival”); TRU 49 (AS 5 ix 5, e₂-e niĝ₂ sum-ma kur-ku, bala Ur-^dLi₉-si₄ ensi₂ Umma^{ki}-ka “for the Flood-festival as the bala-fund of Ur-Lisi the governor of Umma”). For the phrase e₂-e niĝ₂ sum-ma kur-ku, see Sallaberger 1993: 50 and 146.

²⁵⁴³ Lu₂-sa₆-ga i₃-dab₅: MVN 15 99 (AS 6 vii 29, bala ^dŠara₂-kam ensi₂ Ĝir₂-su^{ki}); ROS 9 472 P367 (AS 7 v, bala Nu-ur₂-^dDa-gan ensi₂ Zimbir^{ki}); PDT 1 477 (AS 7 xi, bala Ar-š_i-ah ensi₂ Babilim^{ki}).

²⁵⁴⁴ Ur-š_u-ga-lam-ma i₃-dab₅: PPAC 4 33 (AS 6 i 16).

Between AS 5 viii 9 and AS 9 v 2, Ur-tur expended (šu ba-ti) four dead oxen which were accepted by Šulgi-iriĝu²⁵⁴⁵. Two formulae, sbt001 and sbt035, are attested in these transactions. The latter formula contains two day date terms (iti u₄ N ba-zal), which is different from that attested in the former formula (u₄ N-kam).

sbt001:	sbt035:
S	<u>S, iti u₄ N ba-zal</u>
ba-uš ₂ /ug ₇	ba-ug ₇
u ₄ N-kam	ki B-ta
ki B-ta	PN šu ba-ti
PN šu ba-ti	M/Y
M/Y	

15.4 Additional administrative activities

15.4.1 Dealing with the new-born (u₃-tu-da) oxen

In AS 7, Ur-tur received (i₃-dab₅) 19 new-born (u₃-tu-da) oxen from the barley-fed ox-barn²⁵⁴⁶, which utilized the formula utuda010: S, u₃-tu-da e₂-gu₄-niga, PN i₃-dab₅, Y “animals, new-born at the barley-fed oxen-house, PN received, year”.

15.4.2 The receipt of oxen from the ox-barn

One text mentions that Ur-tur received (i₃-dab₅) one ox (from) Lu-Šulgi in AS 9 iii 18, 26 oxen from the ox-barn between AS 9 iv 10 and AS 9 iv 13, and one ox via Ur-meme in AS 9 iv. And the text was sealed (kišib nu-tuku)²⁵⁴⁷.

15.4.3 The pisan dub-ba-labels

Two texts, SmithCS 439 dated AS 7 xii and JCS 52 38 26 dated xii diri, are the so-called pisan dub-ba-labels, which document the delivery (mu-DU) and withdrawal (zi-ga) of Ur-tur the barley-fed oxherd (sipa gu₄ niga).

15.5 Summary

15.5.1 Between AS 6 xi 19 and AS 9 xi 23, Ur-tur expended (ba-zi) five oxen for cultic purposes and for the “kitchen”.

15.5.2 Between AS 5 v 30 and AS 7 xi, Ur-tur transferred (i₃-dab₅) 92 oxen to three officials

²⁵⁴⁵ ki Ur-tur-ta, ^dŠul-gi-iri-ĝu₁₀ šu ba-ti: OIP 121 530 (AS 5 viii 9,X); MVN 13 82 (AS 7 xi 2); BCT 1 13 (AS 9 v 2). Note that an undated text CST 510 (year name damaged) is also considered to be dated to the reign of Amar-Suen, on the basis of the fact that all of the extant texts recording the transactions of dead oxen from Ur-tur to Šulgi-iriĝu (ki Ur-tur-ta, ^dŠul-gi-iri-ĝu₁₀ šu ba-ti) date to the reign of Amar-Suen.

²⁵⁴⁶ CST 371 (AS 7).

²⁵⁴⁷ MVN 8 84 (AS 9 iii 18, iv 10, 11, 13). Note that the Register 8 of this text is e₂ udu-ta based on its hand copy, but it is probably e₂ gu₄-ta, on the basis of the fact that the animals attested in this text are oxen, not sheep.

of the subordinate bureaus of the Puzriš-Dagan: Lu-Bau, Lu-saga and Ur-šugalama. Among them, 85 oxen (92.4 %) were transferred from Ur-tur to Lu-saga.

15.5.3 Between AS 5 viii 9 and AS 9 v 2, Ur-tur expended (šu ba-ti) four dead oxen, which were accepted by Šulgi-iriĝu.

15.5.4 Between AS 7 and AS 9 iv 13, Ur-tur received (i₃-dab₅) 45 oxen from the barley-fed ox-barn.

16 Other Various Bureaus

The following 35 bureaus, each of which, are attested in less than ten extant administrative documents from Puzriš-Dagan during the reign of Amar-Suen. They are: Ahanišu (see 16.1), Belili (see 16.2), Beli-azu (see 16.3), Bululu (see 16.4), DU-ili (see 16.5), Enum-ili (see 16.6), Ku-Nanna (see 16.7), Kuli (see 16.8), Lu-Bau (see 16.9), Lu-Nanna son of Namhani (see 16.10), Lu-Utu (see 16.11), Lugal-ezem (see 16.12), Lugal-magure (see 16.13), Nanšekam (see 16.14), Sugali (see 16.15), Šeluš-Dagan (see 16.16), Šabi (see 16.17), Šu-ili (see 16.18), Šulgi-iriġu (see 16.19), Ubar (see 16.20), Ur-Bau (see 16.21), Ur-Dumuzida (see 16.22), Ur-ešlila (see 16.23), Ur-ġar (see 16.24), Ur-Igalim (see 16.25), Ur-lugal (see 16.26), Ur-mes governor of Urusaġrig (see 16.27), Ur-Nanše (see 16.28), Ur-Ninmu/Nintu (see 16.29), Ur-saga (see 16.30), Ur-Šulpae lu₂ ur₃-ra (see 16.31), Ur-Siana the ox-herder (see 16.32), Ur-tilla saġġa (see 16.33), Uzinuri (see 16.34) and Zazi (see 16.35). Among them, Lu-Nanna son of Namhani, Lugal-magure, Šeluš-Dagan, Ur-mes governor of Urusaġrig, Ur-Šulpae lu₂ ur₃-ra, Ur-Siana the ox-herder and Ur-tilla saġġa are possibly not officials of the Puzriš-Dagan organization but dignitaries or elites. The precise administrative significance of the 35 bureaus or functionaries remains obscure on account of the fact that their extant pertinent administrative data are too few.

16.1 Ahanišu

The administrative documents issued by the bureau of Ahanišu²⁵⁴⁸ can be divided into the two categories: the expenditure (ba-zi) of animals for the “kitchen”, and the balanced accounts. Also, Ahanišu was considered to be the royal shepherd, and the son of Aba-diġirgen²⁵⁴⁹.

16.1.1 The expenditure (ba-zi) of animals for the “kitchen”

In AS 8 x, Ahanišu expended (ba-zi) three sheep for the “kitchen”, which were transferred (i₃-dab₅) to A'allamu²⁵⁵⁰.

16.1.2 The balanced accounts (niġ₂-kas₇-ak)

Four balanced accounts (niġ₂-kas₇-ak) document the input and expenditure of 1,364 animals in total issued by Ahanišu between AS 6 x and AS 9 iv²⁵⁵¹ (see 16.36). Furthermore, one document, dated AS 9 iv 17, records five lambs in the balanced account (si-i₃-tum niġ₂-kas₇-ak) of Ahanišu²⁵⁵².

²⁵⁴⁸ There are two readings of this name: A-ha-an-ni-šu and A-ha-ni-šu.

²⁵⁴⁹ BPOA 6 970 (SS 3 vi): A-ha-ni-šu sipa lugal dumu A-ba-diġir-gen₇ “Ahanišu the royal shepherd, son of Aba-diġirgen”. The other seals of Ahanišu are same writings: A-ha-ni-šu sipa lugal “Ahanišu the royal shepherd”.

²⁵⁵⁰ BIN 3 431 (AS 8 x, e₂ muhaldim-še₃ A-al-la-mu i₃-dab₅), with seal inscription: Du₁₁-ga dub-sar dumu Lu₂-^dNin-ġir₂-su sipa [na-KAB]-tum “Duga the scribe, son of Lu-Ninġirsu the shepherd of the naGaBtum branch”. For Duga, see Chapter 2.5.

²⁵⁵¹ AuOr Suppl.11 162 (AS 6 x); Nisaba 8 60 (AS 7 vi); TCL 2 5519 (AS 7 viii); MVN 13 570 (AS 7 ix).

²⁵⁵² SAT 2 1170 (AS 9 iv 17), with the seal inscription: A-ha-ni-šu sipa lugal.

16.1.3 Appendix: Animals transferred (i₃-dab₅) from bureaus/individuals to Ahanišu

Apart from expending (ba-zi) animals for the “kitchen” and the balanced accounts (niĝ₂-kas₇-ak), Ahanišu received (i₃-dab₅) animals from the following bureaus or individuals²⁵⁵³: Aba-saga, Duga, Intaea, Šu-ili, Ur-ĝar, Ur-Nanše and Zazi. All of these administrative documents are monthly records and with the same seal A-ha-ni-šu sipa lugal “Ahanišu the royal shepherd”.

16.2 Beli-ili

Two texts²⁵⁵⁴, dated AS 9 xii diri, mention that Beli-ili expended (ba-zi) animals for three deities: Enlil, Nanna and Ninlil, and for Hursaĝgalama. It is noted that the administrative documents issued by Beli-ili mainly date to the reign of Šu-Suen (between SS 1 i²⁵⁵⁵ and SS 5 i²⁵⁵⁶).

16.3 Beli-azu

Three documents²⁵⁵⁷, dated AS 5 xii, record that Beli-azu expended (ba-na-an-zi) oxen for the bala-funds of three dignitaries: Ahuma the governor of Pus, Gudea the governor of Gudua, and Lu-Nanna the temple perfect of Nanna.

Additionally, one text²⁵⁵⁸ records that Beli-azu received (i₃-dab₅) 81 sheep designated as šu-la₂-a-contingent in AS 2 v.

16.4 Bululu

16.4.1 The expenditure (ba-zi) of equids

In AS 1, Bululu expended (ba-zi) 11 dead equids which were accepted by Nur-Suen²⁵⁵⁹.

²⁵⁵³ Santag 7 159 (Ab-ba-sa₆-ga), PDT 1 331 (Du₁₁-ga), AUCT 3 228 (Du₁₁-ga), AUCT 3 229 (In-ta-e₃-a), TRU 50 (Šu-i₃-li₂), AUCT 3 225 (Ur-ĝar), AUCT 3 226 (Ur-ĝar), PDT 1 724 (Ur-^dNanše), AuOr Suppl.11 26 (Za-zi).

²⁵⁵⁴ ki Be-li₂-i₃-li₂-ta ba-zi: BIN 3 199 (AS 9 xii d 2); KM 89236 (AS 9 xii d 7).

²⁵⁵⁵ TCND 377 (SS 1 i 7).

²⁵⁵⁶ Hirose 306 (SS 5 i 25).

²⁵⁵⁷ Be-li₂-a-zu ba-na-an-zi: BIN 3 340 (AS 5 xii, kišib Gu₃-de₂-a ensi₂ Gu₂-du₈-a^{ki}); BPOA 6 18 (AS 5 xii, kišib Lu₂-^dNanna šabra ^dNanna); MVN 15 212 (AS 5 xii, kišib A-hu-ma ensi₂ Pu-us₂^{ki}). Note that one text in question (PDT 2 1173, AS 1 v), mentions that possibly Beli-azu ([ki Be-li₂]-a-zu-[ta] ba-zi) disbursed 172 animals for cultic purposes and the “kitchen”.

²⁵⁵⁸ Be-li₂-a-zu i₃-dab₅: AUCT 2 296 (AS 2 v).

²⁵⁵⁹ ki Bu₃-lu₅-lu₅-ta ba-zi: TLB 3 137 (AS 1). Other references to Bululu dealing with equids are the texts OIP 115 9 (Š 46 v, ki Na-ra-am-i₃-li₂-ta, Arad₂-ĝu₁₀ i₃-dab₅, ĝiri₃ Bu₃-lu₅-lu₅), ArOr 25 561 21 (Š 48 x, ki Na-sa₆-ta Bu₃-lu₅-lu₅ i₃-dab₅), CDLJ 2012/1 4.16 (Š 48, ĝiri₃ Bu₃-lu₅-lu₅, mu-DU Na-sa₆ i₃-dab₅), and Hirose 90 (AS 1 v, Bu₃-lu₅-lu₅ i₃-dab₅, ki Šu-^dIdim-ta ba-zi).

16.4.2 The transfer (i₃-dab₅) of equids to Aba-saga

In AS 5, Bululu transferred (i₃-dab₅) nine equids to Aba-saga²⁵⁶⁰.

16.5 DU-ili

One text²⁵⁶¹ records that DU-ili transferred (i₃-dab₅) two sheep to Ur-Nanše in AS 5.

16.6 Enum-ili

One text²⁵⁶² documents that Enum-ili transferred (i₃-dab₅) one sheep to Duga in AS 9 xii diri, which was with the seal impression of Duga.

16.7 Ku-Nanna

One text²⁵⁶³ documents that Ku-Nanna transferred (i₃-dab₅) nine animals to Ur-Šulpae son of Guzani, which were brought to a boat (ma₂-a gub-ba) in AS 3 ix.

16.8 Kuli

One text²⁵⁶⁴ records that Kuli transferred (i₃-dab₅) one equid to Šu-Erra in AS 5 xi, which was the sealed tablet of Ubar.

²⁵⁶⁰ ki Bu₃-lu₅-lu₅-ta, Ab-ba-sa₆-ga i₃-dab₅: OIP 121 590 (AS 5). It is doubtful that this text is possibly issued by the bureau of Aba-saga.

²⁵⁶¹ ki DU₁₀-i₃-li₂-ta, Ur-^dNanše i₃-dab₅: AUCT 1 671 (AS 5 X). For the name DU₁₀-i₃-li₂, see Hilgert 2002: 401. Other references to the bureau of DU-ili, all dated to the reign of Šu-Suen, are the texts PDT 2 1277 (SS 2 ix), AUCT 3 136 (SS 2 ix), AUCT 3 134 (SS 2 ix), PDT 1 326 (SS 3 ix), AUCT 3 176 (SS 3 ix), and UDT 166 (SS 3), most of which are with the seal impression Ur-mes dumu La-na kurušda.

²⁵⁶² ki En-um-i₃-li₂-ta, Du₁₁-ga i₃-dab₅: AUCT 3 36 (AS 9 xii d), with seal impression Du₁₁-ga dub-sar dumu Lu₂-^dNin-ġir₂-su sipa na-KAB-tum “Duga the scribe, son of Lu-Ninġirsu the shepherd of the naGaBtum branch”. This text is also possibly issued by the bureau of Duga.

²⁵⁶³ ki Ku₃-^dNanna-ta, Ur-^dŠul-pa-e₃ dub-sar dumu Gu-za-na-ke₄ i₃-dab₅: AUCT 3 389 (AS 3 ix), with seal impression Ur-^dŠul-pa-e₃ dub-sar dumu Gu-za-ni kurušda “Ur-Šulpae the scribe, son of Guzani the fattener”. Grammatically, the clause Ur-^dŠul-pa-e₃ dub-sar dumu Gu-za-na-ke₄ stems from Ur-^dŠul-pa-e₃ dub-sar dumu Gu-za-ni-ak-e, of which -ak is the genitive, and the end -e is the ergative.

²⁵⁶⁴ ki Ku-li-ta, Šu-Er₃-ra i₃-dab₅: Orient 16 47 29 (AS 5 xi, kišib U-bar).

16.9 Lu-Bau

Between AS 5 ii and AS 5 iv, Lu-Bau transferred (i_3 -dab₅) animals to Beli-azu for the bala-funds of three provincial governors: Habaluge of Adab (81 oxen, 562 sheep), Šarrum-bani of Apiak (20 oxen, 60 sheep), and Šu-Mama of Kazallu (95 oxen, 113 sheep)²⁵⁶⁵.

Additionally, Lu-Bau received (i_3 -dab₅) 12 oxen and 85 sheep from the bala-fund of Ur-Lisi the governor of Umma in AS 5 ix 13²⁵⁶⁶.

16.10 Lu-Nanna son of Namhani (governor of Hamazi)

One text²⁵⁶⁷ records that Lu-Nanna son of Namhani transferred (i_3 -dab₅) 16 equids from Hamazi to Lugal-anabtum in AS 1 ix.

16.11 Lu-Utu

Two texts record that Lu-Utu transferred (i_3 -dab₅) animals to Aba-saga (2 oxen)²⁵⁶⁸ and Arad-Nanna (1 sheep)²⁵⁶⁹.

²⁵⁶⁵ ki Lu₂-^dBa-u₂-ta, Be-li₂-a-^zu i_3 -dab₅: CST 301 (AS 5 ii, bala Ha-ba-lu₅-ge₂ ensi₂ Adab^{ki} ba-zi); OIP 121 587 = UDT 127 (AS 5 iii, bala Šar-ru-ba-ni ensi₂ A-pi₂-ak^{ki}-ka); SACT 1 70 (AS 5 iv, bala Šu-Ma-ma ensi₂ Ka-zal-lu^{ki} ba-zi).

²⁵⁶⁶ Lu₂-^dBa-u₂ i_3 -dab₅: Nik 2 502 (AS 5 ix 13, bala Ur-^dLi₉-si₄ ensi₂ Umma^{ki}).

²⁵⁶⁷ Lu₂-^dNanna dumu Nam-ha-ni-ta, Lugal-an-na-ab-tum₂ i_3 -dab₅: AUCT 1 798 (AS 1 ix, Ha-ma-zi^{ki}-ta). This text is possibly issued by the bureau of Lugal-annabtum. The references to the identification of Namhani with the governor of Hamazi are JCS 10 31 12 (AS 2 i) and MVN 3 217 (AS 1 ix): Lu₂-^dNanna dumu Nam-ha-ni ensi₂ Ha-ma-zi^{ki} “Lu-Nanna son of Namhani the governor of Hamazi”. In the text MVN 3 217, 16 equids from Lu-Nanna son of Namhani the governor of Hamazi, delivery, Naram-ili received, placed in the balanced account of Aba-saga (agu₂). Furthermore, Lugal-annabtum is an official who exclusively dealt with equids (^{ans}ekunga₂, dusu₂, anše-edinna), other references to which are AnOr 7 6 (Š 44 ii, mu-DU lugal, ki Na-ra-am- i_3 -li₂-ta, Lugal-an-na-ab-tum₂ i_3 -dab₅); Princeton 1 51 = RA 9 41 SA 8 (pl.1) (Š 44 iv, mu-DU lugal, Aš₂-nun^{ki}-ta, ġiri₃ Ba-mu, ki Na-ra-am- i_3 -li₂-ta, Lugal-an-na-ab-tum₂ i_3 -dab₅, [zi-ga ki Na-sa₆]); PDT 1 24 (Š 45 xii, mu-DU I-šar-ra-ma-aš, ki Na-ra-am- i_3 -li₂-ta, Lugal-an-na-ab-tum₂ i_3 -dab₅); PDT 1 23 (Š 46 ii, mu-DU lugal, ki Na-ra-am- i_3 -li₂-ta, Lugal-an-na-ab-tum₂ i_3 -dab₅); BIN 3 11 (Š 46 vii, mu-DU Lugal-nir-ġal₂, ki Na-ra-am- i_3 -li₂-ta, Lugal-an-na-ab-tum₂ i_3 -dab₅); OIP 115 5 (Š 46 vii, e₂-du₆-la Ur-^dNin-mar^{ki}-ka, ki Na-ra-am- i_3 -li₂-ta, Lugal-an-na-ab-tum₂ i_3 -dab₅); PDT 1 639 (Š 47 iv, ki Lugal-an-na-ab-tum₂-ta, mu-DU, Na-ra-am- i_3 -li₂ i_3 -dab₅, agu₂ Na-sa₆-ka ba-a-ġa₂-ar); OIP 115 331 (Š 47 iv, niġ₂-gur₁₁ Ba-mu, ki Na-sa₆-ta, Lugal-an-na-ab-tum₂ i_3 -dab₅); ASJ 4 65 7 (AS 1 viii, mu-DU lugal, ki <PN-ta>, Lugal-an-na-ab-tum₂ i_3 -dab₅); Nisaba 8 69 (AS 1 viii, mu-DU lugal, ki Na-ra-am- i_3 -li₂-ta, Lugal-an-na-ab-tum₂ i_3 -dab₅). Note that one text JCS 10 31 11 dated AS 6 iii mentions Lugal-annabtum identified as wife of Šarrum-ili the captain (Lugal-an-na-ab-tum₂ dam Šar-ru-um- i_3 -li₂ nu-banda₃). For Lu-Nanna son of Namhani the governor of Hamazi and Lugal-annabtum identified as wife of Šarrum-ili, also see Michalowski 2013a.

²⁵⁶⁸ ki Lu₂-^dUtu-ta, Ab-ba-sa₆-ga i_3 -dab₅: AUCT 1 299 (AS 7 xii, ġiri₃ A-tu ra₂-gaba, ġiri₃ Šu-^dNin-ġi-ri-da).

²⁵⁶⁹ ki Lu₂-^dUtu-ta, Arad₂-^dNanna i_3 -dab₅: BIN 3 400 (AS 6 vi), with seal impression Arad₂-^dNanna dumu Da-[da gala] “Arad-Nanna son of Dada (the lamentation singer)”. The restoration of Da-[da gala] is based on the text AUCT 1 918 (Arad₂-^dNanna dumu Da-da gala).

16.12 Lugal-ezem

One text²⁵⁷⁰ records that one goat was accepted (šu ba-ti) by Šu-Erra from Lugal-ezem in AS 1 vi.

16.13 Lugal-magure

One text²⁵⁷¹ documents that Lugal-magure transferred (i₃-dab₅) 26 goats to Nalu in AS 9 xii diri.

16.14 Nanšekam

In AS 3 viii, Nanšekam transferred (i₃-dab₅) one ox to Enlila for the “kitchen” at Tummal, for which two ġiri₃-officials, both Intaea and Ur-kununa, were responsible²⁵⁷².

In AS 5 iii, Nanšekam disbursed (ba-na-zi) seven oxen for Dan-Šulgi, Ur-Šulpae, Isaga the Elamite and Šukubum, which was sealed tablet of Lu-bine brought, but sealed tablet of Nanšekam cancelled²⁵⁷³.

16.15 Sugali

16.15.1 The expenditure (šu ba-ti) of dead rare/wild animals accepted by Ur-niġar

Between AS 1 and AS 2, Sugali expended (šu ba-ti) 15 dead animals which were accepted by

²⁵⁷⁰ ki Lugal-ezem-ta, Šu-Er₃-ra šu ba-ti: BPOA 6 609 (AS 1 vi), with seal impression Šu-Er₃-ra dub-sar dumu [PN]. Note that in this case the term indicating receiving living animals uses šu ba-ti, not i₃-dab₅. Also, the identification of Šu-Erra and the restoration of the damaged personal name herein are difficult. It is unclear if this name Šu-Erra is identical with the well-known official of the Puzriš-Dagan organization, namely son of Šu-Idim (for example see SAT 3 1719, also see Chapter 11). Other references to the phrase Šu-Er₃-ra dub-sar dumu [PN] are AUCT 3 198 (Šu-Er₃-ra dub-sar dumu U₂-na-ab-še-en), PDT 1 716 (Šu-Er₃-ra dub-sar dumu I-šar-be-li₂), MVN 13 29 (Šu-Er₃-ra dub-sar dumu Lu₂-gu-la). Furthermore, as for Lugal-ezem, a similar text AR RIM 4 33 dated IS 1 records one goat transferred (i₃-dab₅) from Lugal-ezem to Duga. Other references from Drehem to the phrase ki Lugal-ezem-ta are BPOA 6 312 and BPOA 6 1327.

²⁵⁷¹ ki Lugal-ma₂-gur₈-re-ta, Na-lu₅ i₃-dab₅: BCT 1 54 (AS 9 xii d). Note that this text is possibly issued by the bureau of Nalu.

²⁵⁷² ki ^dNanše-kam-ta, ^dEn-lil₂-la₂ i₃-dab₅: Princeton 1 52 (AS 3 viii, e₂ muhaldim ša₃ Tum-ma-al, ġiri₃ In-ta-e₃-a u₃ Ur-ku₃-nun-na). It is possible that Nanšekam outranked the “central bureau” officials of the Puzriš-Dagan organization, and was a very significant elite.

²⁵⁷³ ^dNanše-kam ba-na-zi: JANES 9 20 2 (AS 5 iii, kišib Lu₂-bi-ne tum₃-dam, kišib ^dNanše-kam zi-re-dam).

Ur-niĝar²⁵⁷⁴, which utilized the formula sbt001.

16.15.2 The formula ki PN-ta

One heavily damaged text, dated AS 8 viii 18, records a large number of sheep and goats overseen (ugula) by various individuals, from Sugali (disbursed)²⁵⁷⁵. Note that in this case, these animals were not rare/wild animals.

16.16 Šeluš-Dagan

One text²⁵⁷⁶ mentions that Šeluš-Dagan transferred (i₃-dab₅) 97 sheep/goats designated as šu-gid-contingent to Ur-kununa for the barley-fed sheepphouse (e₂ udu niga) in AS 3 ii 5.

16.17 Šabi

One text²⁵⁷⁷ records that Šabi transferred (i₃-dab₅) one ox to Aba-saga in AS 2 vii.

16.18 Šu-ili

16.18.1 The expenditure (i₃-dab₅) of animals transferred to individuals

Two texts record that Šu-ili transferred (i₃-dab₅) animals to Ahanišu (10)²⁵⁷⁸ and Ur-Bau (7)²⁵⁷⁹. Note that the two texts are with the seal impression of the receivers (Ahanišu and Ur-Bau).

16.18.2 The niĝ₂-kas₇-ak-account

The text CTMMA 1 25, dated AS 7 x 20, is a balanced account (niĝ₂-kas₇-ak) issued by Šu-ili. It documents the transaction of 186 animals.

²⁵⁷⁴ ki Su₁₁-ga-li-ta, Ur-ni₉-ĝar šu ba-ti: JCS 40 117 3 (AS 1 i 6); TLB 3 131 (AS 2 ix 5). All of the animals are rare or wild animals which consist of the following sorts: wild sheep (udu hur-saĝ), sheep hybrid with wild sheep (udu a-udu hur-saĝ), goat hybrid with wild goat (maš₂ a-dara₄), deer (šeg₉-bar), equid (eme₆), gazelle (maš-da₃), and bear (az).

²⁵⁷⁵ ki Su₁₁-ga-li-ta: BPOA 6 639 (AS 8 viii 18), with the seal impression ^dNin-e₂-gal-igi-du dub-sar dumu Bur-Ma-ma.

²⁵⁷⁶ ki Še-lu-uš-^dDa-gan-ta, Ur-ku₃-nun-na i₃-dab₅: AUCT 1 536 (AS 3 ii 5). It is possible that this text should be issued by the bureau of Ur-kununa.

²⁵⁷⁷ ki Ša₃-bi-ta, Ab-ba-sa₆-ga i₃-dab₅: MVN 9 218 (AS 2 vii), with damaged seal impression. It is doubtful that this text should be issued by the bureau of Aba-saga. For the individual Šabi, see Liu (a).

²⁵⁷⁸ ki Šu-i₃-li₂-ta, A-ha-ni-šu i₃-dab₅: TRU 50 (AS 9 xii), with the seal impression A-ha-ni-šu sipa lugal “Ahanišu the royal shepherd”.

²⁵⁷⁹ ki Šu-i₃-li₂-ta, Ur-^dBa-u₂ i₃-dab₅: BPOA 6 591 (AS 7 x), with the seal impression Ur-^dBa-u₂ dumu Lugal-sa₆-ga “Ur-Bau son of Lugal-saga”.

16.19 Šulgi-iriĝu

One text in question records that Šulgi-iriĝu transferred (i₃-dab₅) 10 sheep to Nalu between AS 5 iv 29 and AS 5 v 3²⁵⁸⁰.

16.20 Ubar

One text in question records that Ubar transferred (i₃-dab₅) 97 sheep/goats to Ur-Nanše in AS 5 xii²⁵⁸¹.

16.21 Ur-Bau

16.21.1 The expenditure (ba-zi) of animals

In AS 1 vi 30, Ur-Bau expended (ba-zi) four oxen for Nanna, for which Nanše-ulgal (maškim) was responsible²⁵⁸².

16.21.2 The expenditure (i₃-dab₅) of animals transferred to individuals

Ur-Bau transferred (i₃-dab₅) animals to Ur-Bau son of Lu-Ĝišbare (88 sheep)²⁵⁸³ and Ur-šugalama (25 oxen)²⁵⁸⁴.

16.21.3 To the royal place (ki lugal-še₃ ku₄-ra)

Two texts²⁵⁸⁵ record that one lamb was sent to the king (ki lugal-še₃ ku₄-ra) from Ur-Bau, for which En-diĝirĝu was responsible (ĝiri₃).

²⁵⁸⁰ ki ^dŠul-gi-iri-ĝu₁₀-ta, Na-lu₅ i₃-dab₅; BIN 3 62 (AS 5 iv 29, v 3). This text should possibly be issued by the bureau of Nalu. The person Šulgi-iriĝu was identified as the official who exclusively accepted dead animals attested in Drehem texts. The identification of Šulgi-iriĝu in this text is unclear.

²⁵⁸¹ ki U-bar-ta, Ur-^dNanše i₃-dab₅; RA 19 194 (AS 5 xii). Note that the name is not suggested as Ur-^dSimug, but as Ur-^dNanše. Furthermore, other references to the phrase ki U-bar-ta are the texts from Drehem AnOr 12 277, AUCT 2 8, MVN 13 764, Nik 2 481, OIP 115 364, Ontario 1 170, OrSP 47-49 136, PPAC 4 111, TAD 45, and TRU 13.

²⁵⁸² ki Ur-^dBa-u₂-ta ba-zi; OrSP 47-49 8:1-4 (AS 1 vi 30, ^dNanna).

²⁵⁸³ ki Ur-^dBa-u₂-ta, Ur-^dBa-u₂ dumu Lu₂-^dĜiš-bar-e₃ i₃-dab₅; AUCT 3 272 (AS 7 x), with the seal impression Ur-^dBa-u₂ dumu Lu₂-^dĜiš-bar-e₃. For the deity ^dĜiš-bar-e₃, see Selz 1995: 138-139. For the person Lu-Bau son of Lu-Ĝišbare, see Owen 1988: 114.

²⁵⁸⁴ ki Ur-^dBa-u₂-ta, Ur-šu-ga-lam-ma i₃-dab₅; BPOA 6 523 (AS 1 ix 5, šu sum-ma “stocktaking”). For the term šu sum-ma, see Sigrist 1992: 117.

²⁵⁸⁵ Nisaba 8 139 (AS 7 ix 19, ki lugal-še₃ ku₄-ra, ĝiri₃ En-diĝir-ĝu₁₀, ma₂ uz-ga, ki Ur-^dBa-u₂, ša₃ E₂-da-na, Tuma-al^{ki}-še₃, u₄ nin Unug^{ki}-še₃ i₃-ĝen-na-a “entering into the royal place, via En-diĝirĝu, to the *uzga*-boat, from Ur-Bau at Edana, to Tummal, when the princess went to Uruk”); TRU 288 (AS 7 xi 23, ki lugal-še₃ ku₄-ra, nin Unug^{ki}-ta du-ni, ĝiri₃ En-diĝir-ĝu₁₀, ma₂ uz-ga, ki Ur-^dBa-u₂, ša₃ ^dŠul-gi-^dNin-lil₂-la₂ “entering into the royal place, when the princess went to Uruk, via En-diĝirĝu, to the *uzga*-boat, from Ur-Bau at Šulgi-Ninlil”).

16.21.4 Appendix: a homonymous individual Ur-Bau kuš₇

One text in question records that one dead equid from Ur-Bau the chief herdsman was overseen by Šuzu the chief herdsman in AS 6 xii 26²⁵⁸⁶.

16.22 Ur-Dumuzida

Three texts record 70 new-born lambs at Ur. They consist of the text TCND 394 dated AS 3 ii issued by Ur-Dumuzida and Šukubum who swore by the name of the king, the text Nisaba 8 135 dated AS 3 v issued by Ur-Dumuzida²⁵⁸⁷ who swore by the name of the king, and the text Trouvaille 22 dated AS 3 viii issued by Ur-Dumuzida and Nur-ili who swore by the name of the king. The three texts use the formula utuda011: S, u₃-tu-da, PN, mu lugal-bi in-pad₃, ša₃ GN, M/Y “animals, new-born, PN sworn by the king’s name, at GN, month/year”.

16.23 Ur-ešlila

One strange text²⁵⁸⁸ documents that Ur-ešlila transferred (i₃-dab₅) 16 oxen and two equids to Ur-kununa, among the sealed tablets of Aba-saga of AS 8, the year of AS 3 that the balanced account was carried (niĝ₂-kas₇ mu gu-za ^dEn-lil₂-la₂ ba-dim₂-ma-ke₄ il₂-dam). Ur-ešlila was identified as the son of Lugal-itida (the probable director of Puzriš-Dagan), and the brother of Ur-lugal.

16.24 Ur-ĝar

16.24.1 The expenditure (i₃-dab₅) of animals transferred to individuals

In AS 7 ix and AS 8 ix, Ur-ĝar transferred (i₃-dab₅) 89 sheep/goats designated as the šu-gid-contingent to Ahanišu for the “kitchen”²⁵⁸⁹. Furthermore, in AS 9 viii, Ur-ĝar transferred (i₃-dab₅) one sheep to Lugal-ezem²⁵⁹⁰.

²⁵⁸⁶ ki Ur-^dBa-u₂ kuš₇-ta, ugula Šu-zu kuš₇: AUCT 1 920 (AS 6 xii 26, ki ba-ab-tum₂ “brought to the place”).

²⁵⁸⁷ Note that in the text Nisaba 8, the name was read as [In]im-^dDumu-zi-da, which should be correctly read as [U]r-^dDumu-zi-da.

²⁵⁸⁸ ki Ur-eš₃-lil₂-la₂-ta, Ur-ku₃-nun-na i₃-dab₅: AUCT 1 94 (AS 8, ša₃! kišib Ab-ba-sa₆-ga, mu en Eridu^{ki} ba-huĝ-^{ĝa}₂). This text is possibly issued by the bureau of Ur-kununa.

²⁵⁸⁹ ki Ur-ĝar-ta, A-ha-ni-šu i₃-dab₅: AUCT 3 225 (AS 7 ix); AUCT 3 226 (AS 8 ix). Both texts are with the seal impression A-ha-ni-šu sipa lugal.

²⁵⁹⁰ ki Ur-ĝar-ta, Lugal-ezem i₃-dab₅: AUCT 3 367 (AS 9 viii), with the seal impression Lugal-ezem dub-[sar] dumu

16.24.2 The balanced account (niĝ₂-kas₇-ak)

The balanced account (niĝ₂-kas₇-ak) SET 102 dated AS 7 iii 18 issued by Ur-ĝar documents the transaction of 363 animals.

16.25 Ur-Igalim

16.25.1 The expenditure (i₃-dab₅) of animals transferred to Nur-Adad

In AS 3 iv, Ur-Igalim transferred (i₃-dab₅) five oxen to Nur-Adad²⁵⁹¹.

16.25.2 The expenditure (šu ba-ti) of animals accepted by Nur-Adad

In AS 5 iii, Ur-Igalim expended (šu ba-ti) 161 animals (1 ox, 153 sheep, 7 goats) which were accepted by Nur-Adad, with the seal of Ilum-dan the son of Zilašu²⁵⁹².

16.26 Ur-lugal

One text, dated AS 2 xi, mentions that Ur-lugal transferred (i₃-dab₅) one ox to Ilum-hir²⁵⁹³. From the seal impression attested in this text, it is known that Ur-ešlila was the son of Lugal-itida. Furthermore, Ur-lugal was also considered to be the son of Lugal-itida²⁵⁹⁴. Therefore, it is certain that Ur-lugal and Ur-ešlila were brothers. In this case, it is possible that Ur-lugal borrowed his brother Lugal-ešlila's seal.

16.27 Ur-mes governor of Urusaĝrig

One text²⁵⁹⁵ records that Ur-mes the governor of Urusaĝrig transferred (i₃-dab₅) 61+ sheep to Nur-Dagan the governor of Sippar as the bala-fund withdrawn, for which the ĝiri₃-official Adalal was responsible in AS 7 v. Note that this type of transaction between one governor and the other governor is little attested in the texts from Drehem.

[PN].

²⁵⁹¹ ki Ur-^dIg-alim-ta, Nu-ur₂-^dIškur i₃-dab₅: AUCT 3 316 (AS 3 iv), with the seal impression Geme₂-^dNin-a-zu dumu lugal-ka, Nu-ur₂-^dIŠKUR saĝi.

²⁵⁹² ki Ur-^dIg-alim-ta, Nu-ur₂-^dIškur šu ba-ti: AAICAB 1/2 pl.119 1967-1487 (AS 5 iii, kišib DIĜIR-dan dumu Zi-la-šu-ka). The name Zi-la-šu-ka is only attested in this text.

²⁵⁹³ ki Ur-lugal-ta, DIĜIR-hi-ir i₃-dab₅: AUCT 3 342 (AS 2 xi), with the seal impression Ur-eš₃-lil₂-la₂ dumu Lugal-iti-da. For the name DIĜIR-hi-ir, see Hilgert 2002: 382.

²⁵⁹⁴ For example see the seal impression (Ur-lugal dumu Lugal-iti-da) in the text NATN 761 (SS 3, Nippur).

²⁵⁹⁵ ki Ur-mes ensi₂ Uru-saĝ-rig^{ki}-ta, Nu-ur₂-^dDa-gan ensi₂ Zimbir^{ki} i₃-dab₅: YOS 4 76 (AS 7 v, bala-a zi-ga, ĝiri₃ A-da-lal₃ [x]).

Appendix: one homonymous individual Ur-mes without title received (i₃-dab₅) five sheep for the siskur-rite of calf-house (siskur₂ e₂-amar-ra) in AS 6 viii²⁵⁹⁶. It is unclear if this individual is identical with the governor of Urusaĝrig.

16.28 Ur-Nanše

16.28.1 The expenditure (i₃-dab₅) of animals transferred to individuals (ki B-ta PN i₃-dab₅)

Ur-Nanše transferred (i₃-dab₅) animals to three individuals: Aba-saga (5)²⁵⁹⁷, Ahanišu (44)²⁵⁹⁸ and Kash (186)²⁵⁹⁹. Note that Aba-saga and Kash were the sons of Nasa.

16.28.2 The formula ki PN-ta

One text records 18 sheep (withdrawn) for the “kitchen” from Ur-Nanše, with the seal receipt of Allamu²⁶⁰⁰.

16.28.3 The receipt of deliveries of animals (mu-DU B i₃-dab₅)

In AS 5 ix, Ur-Nanše received the deliveries of 65 sheep/goats at Nippur from the sheephouse of Nalu and the deliveries of 237 sheep/goats from the naGaBtum branch²⁶⁰¹. Furthermore, in AS 6 ix, Ur-Nanše received the deliveries of unknown number of sheep/goats from the naGaBtum branch²⁶⁰².

16.28.4 The receipt of animals (B i₃-dab₅)

In AS 5 x, Ur-Nanše received (i₃-dab₅) eight sheep/goats for two times at Uruk²⁶⁰³.

In AS 6 vi, Ur-Nanše received (i₃-dab₅) six sheep/goats sealed by Halban and two sheep sealed by Lu-Ninšubur, for which the ĝiri₃-official A’a-illum was responsible²⁶⁰⁴.

16.29 Ur-Ninmu/Nintu (*in question*)

Two texts in question are issued by Ur-Nintu or Ur-Ninmu.

One text records that probably Ur-Ninmu transferred (i₃-dab₅) sheep to Duga via Bukušum

²⁵⁹⁶ Ur-mes i₃-dab₅: AUCT 2 101 (AS 6 viii).

²⁵⁹⁷ ki Ur-^dNanše-ta, Ab-ba-sa₆-ga i₃-dab₅: TRU 95 (AS 2, Ur-^dŠul-gi-ra, En-um-i₃-li₂, A-ba-e-ne-gen₇ lu₂lunga).

²⁵⁹⁸ ki Ur-^dNanše-ta, A-ha-ni-šu i₃-dab₅: PDT 1 724 (AS 7 ix), with the seal impression A-ha-ni-šu sipa lugal.

²⁵⁹⁹ ki Ur-^dNanše-ta, Kaš₄ i₃-dab₅: AUCT 3 506 (AS 1 x, kišib šabra), with the seal impression [Kaš₄? dub-sar] dumu Na-sa₆-ga.

²⁶⁰⁰ ki Ur-^dNanše-ta: BIN 3 207 (AS 4 xi, e₂ muhaldim-še₃, kišib Al-la-mu).

²⁶⁰¹ Ur-^dNanše i₃-dab₅: BIN 3 469 (AS 5 ix, mu-DU ša₃ Nibru^{ki} e₂-udu Na-lu₅-ta, mu-DU na-KAB-tum-ta).

²⁶⁰² Ur-^dNanše i₃-dab₅: Rochester 62 (AS 6 ix, [mu-DU na-KAB]-tum-ma^{ki}-ta).

²⁶⁰³ Ur-^dNanše i₃-dab₅: AUCT 1 227 (AS 5 x).

²⁶⁰⁴ Ur-^dNanše i₃-dab₅: MVN 8 63 (AS 6 vi, kišib Hal-ba-an, kišib Lu₂-^dNin-šubur, ĝiri₃ A-a-DIĜIR). Note that the name Hal-ba-an is only attested in this text, but a similar name Nu-ba-an is attested in the text PDT 2 959.

dated not in AS 5 but in IS 2²⁶⁰⁵.

The other text records one yellow sheep and one white goat, both dead, were accepted by Šulgi-iriĝu from possibly Ur-Nintu²⁶⁰⁶. I doubt this name Ur-Nintu is most likely read as Uta-mišaram, on the basis of the fact that there is no other reference to the transaction of dead animals from Ur-Nintu to Šulgi-iriĝu; furthermore, the type of animal ^{munus}aš₂-gar₃ babbar “white kid” is only attested in texts from Drehem issued by Uta-mišaram (AS 6, AS 7)²⁶⁰⁷, Ahuni (Š 48, PDT 2 1162), Nasa (Š 47, RO 11 96 2), Šulgi-a’aĝu (AS 4, TCND 407).

16.30 Ur-saga

One text²⁶⁰⁸ in question records that Ur-saga transferred (i₃-dab₅) three sheep to Ur-niĝar in AS 6 viii. It is known that Ur-saga was the son of Enlila who exclusively dealt with oxen²⁶⁰⁹. It is unclear why Ur-saga dealt with sheep (not oxen) in this case. Also, the reason why Ur-niĝar who was exclusively accepted dead animals from subordinate bureaus received living sheep in this case is unclear.

16.31 Ur-Šulpae lu₂ ur₃-ra

One text²⁶¹⁰ in question documents that Ur-Šulpae lu₂ ur₃-ra transferred (i₃-dab₅) one ox to Arad-Nanna the scribe on behalf of the mašdarea-offering of *en*-priestess of Nanna of Karzida in AS 7 viii. Note that in this case the receiver Arad-Nanna was not identical with the well-known “Grand Vizier” (sukkal-mah). The administrative significance of this text is unclear.

²⁶⁰⁵ [ki] Ur-^dNin-mu₂-ta, Du₁₁-ga i₃-dab₅; BIN 3 470 (AS 9 xi, ĝiri₃ Bu-ku-<šum>), with seal impression Du₁₁-ga dub-sar dumu Lu₂-^dNin-ĝir₂-su sipa na-KAB-tum “Duga the scribe, son of Lu-Ninĝirsu the shepherd of the naGaBtum branch”. For this text, the name Ur-^dNin-mu₂ may be also read as Ur-^dNin-tu, because of the similarity between the signs MU₂ and TU, for which I based on the available hand copy, but without image. Additionally, the year name of this text should be suggested mu en ^dInana i₃-pad₃ (IS 2), not mu en ^dInana ba-huĝ (AS 5) attested in the hand copy of this tablet (also see Keiser 1971: 64). Other references to Du₁₁-ga i₃-dab₅ with seal impression of Duga in IS 2 are AUCT 3 74, BPOA 6 1093, MVN 14 206, and PDT 1 718.

²⁶⁰⁶ ki Ur-^dNin-tu-ta, [^dŠul-gi]-iri-ĝu₁₀ šu ba-ti: Nisaba 8 362 (AS 8 v 18).

²⁶⁰⁷ SAT 2 912 (AS 6 vi 8); ASJ 12 42 12 (AS 6 vii 25); Hirose 239 (AS 6 x 9); PDT 2 1154 (AS 6 xi 2); OIP 121 515 (AS 7 v 2); Hirose 277 (AS 7 xii 25).

²⁶⁰⁸ ki Ur-sa₆-ga-ta, Ur-ni₉-ĝar i₃-dab₅; MVN 8 66 (AS 6 viii, e₂-udu-ta, ĝiri₃ A-da “from sheephouse, via Ada”), with seal impression illisible.

²⁶⁰⁹ For Ur-saga, see Tsouparopoulou 2008: 233.

²⁶¹⁰ ki Ur-^dŠul-pa-e₃ lu₂ ur₃-ra-ta, Arad₂-^dNanna dub-sar i₃-dab₅; AUCT 3 326 (AS 7 viii, mu maš₂-da-re-a en ^dNanna Kar-zi-da-še₃), with seal impression Arad₂-^dNanna dub-sar dumu Da-[da gala]. Other references to Ur-^dŠul-pa-e₃ lu₂ ur₃-ra from Drehem are OIP 121 51 (AS 4 xi 18), PDT 1 384 (AS 9 xi 30) and PDT 2 807 (undated). The restoration of Da-[da gala] is based on the text AUCT 1 918 (Arad₂-^dNanna dumu Da-da gala).

16.32 Ur-Siana the ox-herder

One text in question records that Ur-Siana the ox-herder transferred (i_3 -dab₅) five oxen to Kala in AS 2 v²⁶¹¹.

16.33 Ur-tilla saĝĝa

One text²⁶¹² dated AS 3 iii records that Ur-tilla the temple administrator (saĝĝa) transferred (i_3 -dab₅) 58 oxen to Enlila for a₂-ĝi₆-il₂-la-ritual, for which the ĝiri₃-official Lu-saga was responsible. In other words, these 58 oxen were probably the bala-funds of Ur-tilla the temple administrator, via Lu-saga who was the official exclusively dealing with animals from/for bala-funds (see Chapter 8), and Enlila who exclusively dealt with oxen received them (see Chapter 6).

16.34 Uzinuri

One text records that Uzinuri transferred (i_3 -dab₅) two sheep to Ur-Bau, for which the ĝiri₃-official Lu-balasaga the chief herdsman was responsible in AS 9 v²⁶¹³.

16.35 Zazi

16.35.1 The transfer (i_3 -dab₅) of animals to Ahanišu

In AS 8 x, Zazi transferred (i_3 -dab₅) 57 sheep/goats to Ahanišu at Ur²⁶¹⁴.

16.35.2 The balanced account (niĝ₂-kas₇-ak)

Three texts are the balanced account (niĝ₂-kas₇-ak) issued by Zazi²⁶¹⁵.

²⁶¹¹ ki Ur-^dSi₄-an-na unu₃-ta, Kal-la i_3 -dab₅: BIN 3 375 (AS 2 v). The name Ur-^dSi₄-an-na with the title unu₃ is only attested in this text.

²⁶¹² ki Ur-tilla₃ saĝĝa-ta, ^dEn-lil₂-la₂ i_3 -dab₅: AUCT 1 365 (AS 3 iii, a₂-ĝi₆-il₂-la, ĝiri₃ Lu₂-sa₆-ga). Note that this text is suggested to be issued by the bureau of Enlila.

²⁶¹³ ki U₃-zi-nu-ri-ta, Ur-^dBa-u₂ i_3 -dab₅: MVN 15 210 (AS 9 v, ĝiri₃ Lu₂-bala-sa₆-ga kuš₇), with seal impression Ur-^dBa-u₂ dub-sar dumu [PN] gu-za-la₂. Other references from Drehem to the name U₃-zi-nu-ri are the texts: AUCT 1 970, BIN 3 122, PDT 1 525, Princeton 2 141 and TRU 157.

²⁶¹⁴ ki Za-zi-ta, A-ha-ni-šu i_3 -dab₅: AuOr Suppl. 11 26 (AS 8 x), with the seal impression A-ha-ni-šu sipa lugal.

²⁶¹⁵ TCL 2 5506 (AS 7 vi 13); PDT 1 578 (AS 8 viii); TCL 2 5532 (AS 9 v).

16.36 Appendix: the statistical list of the niĝ₂-kas₇-ak-accounts

The following is a statistical analysis of the niĝ₂-kas₇-ak-accounts during the reign of Amar-Suen²⁶¹⁶.

niĝ ₂ -kas ₇ -ak PN	Date	Animal	Text
--	AS 5	62,263	RA 63 104 = PDT 2 1359
--	AS 7 ix	88	TRU 13
A ⁷ a-ilum	AS 7 vii 6	64	AUCT 1 355
Ahanišu	AS 6 x 18	266	AuOr Suppl.11 162
Ahanišu	AS 7 vi 13	310	Nisaba 8 60
Ahanišu	AS 7 viii	661	TCL 2 5519
Ahanišu	AS 7 ix	127	MVN 13 570
Allamu	AS 6 ix 21	114	OrSP 47-49 137
Allamu	AS 8 iv-vi	697	Nisaba 8 34
Allamu	AS 8 x	304	MVN 13 569
Allamu	AS 8 xi 19-21	122	MVN 13 764
Allamu	AS 8 xi 21-30	527	SET 105
Atu	AS 8 xi 7-11	69	AUCT 1 20
DU-ili and Lugal-ezem	AS 8 x	1,415	SET 104
Ibni-ilum	AS 8 ix	83	TCL 2 5535
Iqmulum	AS 9 X	1,193	SET 106
Laqipum	(AS 9 X)	86	(SET 106)
Šu-kabta	(AS 9 X)	242	(SET 106)
Kamu	AS 7 xii-AS 8 i	783	Erm 14494
Kamu	AS 9 vii	891	CTMMA 1 30
Lu-šalim	AS 7 ii 30	55	SET 101
Lu-Utu	AS 7 xii	98+	SET 103
Lugal-ezem	AS 7 xii	480	Nisaba 8 47
Nitama	AS 9 x 15	x	MVN 13 437
Nitama	AS 9 x 24-25	154	PPAC 4 111
Nur-ili	AS 7 ix	102	SAT 2 1012
Šu-ili	AS 7 x 20	186	CTMMA 1 25
Šu-Mamitum	AS 6 x	x	MVN 13 571
Ur-ĝar	AS 7 iii 18	363	SET 102
Ur-niĝar	AS 6 x	168	Erm 14873
Ur-niĝar	AS 6 xii	1,186	SAT 2 966

²⁶¹⁶ Among the administrative documents from Puzriš-Dagan, there are mainly three types of summarized large accounts: the ki-bi gi₄-a-account issued by the “central bureau” official (see for instance 2.2.5), the niĝ₂-kas₇-ak-account issued not by the “central bureau” official but by the subordinate official of the Puzriš-Dagan organization, and the ša₃-bi-ta-account issued by anonom (see Sigrist 1992: 72-90). For the comprehensive study of the niĝ₂-kas₇-ak-accounts, see Liu (c).

niĝ₂-kas₇-ak PN	Date	Animal	Text
Ur-Nirah	AS 4 vi	17	YOS 4 61
Ušmu kurušda	AS 8 viii	331	MVN 13 568
Zazi	AS 7 vi 13	374	TCL 2 5506
Zazi	AS 8 viii 15	111	PDT 1 578
Zazi	AS 9 v	126	TCL 2 5532

17 The Probable Directors of Puzriš-Dagan

During the reign of Amar-Suen, there are probably three directors of the Puzriš-Dagan organization, namely Naram-ili (see 17.1), Šarakam (see 17.2) and Lugal-itida (see 17.3) one after another, who outrank the official of the “central bureau”, let alone the subordinate bureaus²⁶¹⁷.

17.1 Naram-ili

The administrative documents issued by Naram-ili date between Š 30 vi²⁶¹⁸ and AS 3 i²⁶¹⁹, which spans approximately two years during the reign of Amar-Suen. Furthermore, the administrative activities of Naram-ili can be divided into the following categories:

1. The expenditure (i₃-dab₅) of animals transferred to different individuals.
2. The receipt (i₃-dab₅) of animals from the deliveries (mu-DU).

17.1.1 The expenditure (i₃-dab₅) of animals transferred to different individuals

Between AS 1 i and AS 3 i, Naram-ili transferred (i₃-dab₅) animals to 17 dignitaries. These dignitaries consist of six temple administrators (šabra, saġġa), namely Inda'a²⁶²⁰, Lu-Nanna of Nanna/Ninsun²⁶²¹, Lu-Ninšubur of An²⁶²², Puzur-Erra of Utu²⁶²³, Ur-Ningal of Ningal²⁶²⁴ and Ur-tilla²⁶²⁵, six provincial governors (ensi₂), namely Namzitara of Gudua²⁶²⁶, Nanna-zišaġal of Urusaġrig²⁶²⁷, Ur-Lamma of Girsu²⁶²⁸, Ur-Lisi (of Umma)²⁶²⁹, Šeluš-Dagan (of Simurum)²⁶³⁰, and

²⁶¹⁷ Also see Tsouparopoulou 2008: 146-147 and Tsouparopoulou 2013.

²⁶¹⁸ AuOr Suppl. 11 1 (Š 30 vi): ki Na-ra-am-i₃-li₂-ta, Bar-bar i₃-dab₅ (dusu₂). Note that the earliest extant text issued by Naram-ili related to non-animals dates to Š 26 vii (OIP 115 1).

²⁶¹⁹ AUCT 1 813 (AS 3 i): ki Na-ra-am-i₃-li₂-ta, Ur-tilla₃ saġġa i₃-dab₅. Note that the latest extant text issued by Naram-ili related to non-animals (kuš) dates to AS 3 iv (JCS 35 184 2). Note also that one text PDT 1 516 issued by Naram-ili dates to AS 8 v (mu en Eridu^{ki} ba-huġ), for which I argue that the transliteration of this text is not correct.

²⁶²⁰ In-da-a šabra [An-nu-ni-tum] i₃-dab₅: MVN 8 38 (AS 2 viii, sa₂-du₁₁ An-nu-ni-tum-še₃, ġiri₃ Ab-ba-sa₆-ga).

²⁶²¹ Lu₂-^dNanna šabra i₃-dab₅: AUCT 1 853 (AS 1 iv, mu-DU lugal). Lu₂-^dNanna šabra ^dNanna i₃-dab₅: MVN 15 17 (AS 1 xii, mu-DU lugal). Lu₂-^dNanna šabra ^dNin-sun₂: TRU 88 (AS 2 ix, mu-DU lugal, ġiri₃ Ab-ba-sa₆-ga).

²⁶²² Lu₂-^dNin-šubur šabra An-na i₃-dab₅: AUCT 2 87 (AS 2 x, mu-DU lugal, ġiri₃ Ab-ba-sa₆-ga).

²⁶²³ PU₃, ŠA-Er₃-ra saġġa ^dUtu i₃-dab₅: BPOA 6 702 (AS 2 x).

²⁶²⁴ Ur-^dNin-gal šabra ^dNin-gal i₃-dab₅: OIP 121 479 (AS 2 x, mu-DU lugal, ġiri₃ Ab-ba-sa₆-ga).

²⁶²⁵ Ur-tilla₃ saġġa i₃-dab₅: AUCT 1 813 (AS 3 i, e₂-udu-niga-še₃).

²⁶²⁶ Nam-zi-tar-ra ensi₂ Gu₂-du₈-a^{ki} i₃-dab₅: AUCT 2 270 (AS 1 vi, mu-DU lugal, bala-a zi-ga).

²⁶²⁷ ^dNanna-zi-ša₃-ġal₂ ensi₂ Uru-saġ-rig^{ki} i₃-dab₅: OIP 121 478 (AS 2 vi).

²⁶²⁸ Ur-^dLamma ensi₂ Ġir₂-su^{ki} i₃-dab₅: TSU 65 (AS 1 viii, mu-DU lugal); SVS I/1 60 (AS 1 viii,x, bala-a zi-ga); MVN 8 32 (AS 1 xi, mu-DU lugal); BIN 3 373 (AS 2 iv, bala-a zi-ga, ġiri₃ Ab-ba-sa₆-ga); AAICAB 1/3 pl. 196 Bod A 68 (AS 2 viii, mu-DU lugal); BPOA 6 711 (AS 2 ix, eš₃-eš₃-še₃, bala-a zi-ga, ġiri₃ Ka₅^a-mu).

²⁶²⁹ Ur-^dLi₉-si₄-ke₄ i₃-dab₅: BPOA 6 732 (AS 2 x).

²⁶³⁰ Še-lu-uš-^dDa-gan i₃-dab₅: UDT 155 (AS 2 vi, [ġiri₃] U₂[...]). For this person Šeluš-Dagan identified as the governor of Simurum, see the seal impression (Še-lu-uš-^dDa-gan ensi₂ Si-mu-ru-um^{ki}) attested in the texts BIN 3 627 (AS 6 ii), PDT 2 1327 (SS 5 vi), PDT 2 1355 (SS 3 vi), PDT 2 1365 (SS 3 vi), PDT 2 1375 (SS 5 vi), Nisaba 30 7 (Š 42), and UTI 6 3664 (SS 6).

the *zabar-dab₅*-official (of *Urusaĝrig*)²⁶³¹, and four additional individuals, *Ilallum*²⁶³², *Lugal-anabtum*²⁶³³, *Šarrum-ili*²⁶³⁴, *Šu-Suen* the son of the king²⁶³⁵, and *Ur-Bau*²⁶³⁶. Interestingly, these animals were mostly designated as the royal deliveries (*mu-DU lugal*), for which occasionally, the *ĝiri₃*-official *Aba-saga*²⁶³⁷ was responsible.

17.1.2 The receipt (*i₃-dab₅*) of animals from the deliveries (*mu-DU*)

Apart from transferring animals to the above 17 dignitaries, *Naram-ili* also received (*i₃-dab₅*) the deliveries (*mu-DU*) of 298 sheep, 120 goats, 16 equids and two gazelles from the following three individuals (*ki PN-ta*): *Aradĝu*²⁶³⁸, *Lu-Nanna* the son of *Namhani* the governor of *Hamazi*²⁶³⁹, and *Šu-Suen* the son of the king²⁶⁴⁰, all of which were placed to the *a-gu*-accounts of *Aba-saga* (*a-gu₃ Ab-ba-sa₆-ga-ka ba-a-ĝar*).

17.1.3 Summary

17.1.3.1 Between AS 1 i and AS 3 i, *Naram-ili* transferred (*i₃-dab₅*) animals to 17 dignitaries.

17.1.3.2 *Naram-ili* received (*i₃-dab₅*) the deliveries (*mu-DU*) of 436 animals from three individuals.

17.2 Lugal-itida

17.2.1 The expenditure (*i₃-dab₅*) of animals transferred to individuals

Lugal-itida transferred (*i₃-dab₅*) animals to three individuals: *Aradĝu* the governor of *Girsu*

²⁶³¹ *zabar-dab₅* (*ens₂ Uru-saĝ-rig₇^{ki}*) *i₃-dab₅*: OIP 121 477 (AS 1 viii, *mu-DU lugal*); Erm 14788 (AS 1 xi, *mu-DU lugal*); AUCT 2 265 (AS 2 ix 8, *mu-DU lugal*, *Uru-saĝ-rig₇^{ki}-še₃*).

²⁶³² *I₃-lal₃-lum* *i₃-dab₅*: AUCT 1 604 (AS 1 iv, *mu-DU lugal*, *BAD₃.AN^{ki}-še₃*).

²⁶³³ *Lugal-an-na-ab-tum* *i₃-dab₅*: *Nisaba* 8 69 (AS 1 viii, *mu-DU lugal*). Other references to the transaction of equids from *Naram-ili* to *Lugal-annabtum* are texts *Syracuse* 332 (Š 41 viii), *AuOr Suppl.* 11 6 (Š 44 ii), *Princeton* 1 51 = *RA* 9 41 SA 8 (pl.1) (Š 44 iv), *PDT* 1 24 (Š 45 xii), *PDT* 1 23 (Š 46 ii), *BIN* 3 11 (Š 46 vii), and *OIP* 115 5 (Š 46 vii).

²⁶³⁴ *Šar-ru-um-i₃-li₂* *i₃-dab₅*: AUCT 1 778 (AS 1 i, *mu-DU lugal*). This person *Šarrum-ili* in this case is possibly identified as the captain (*nu-banda₃*), on the basis of the references which record *mu-DU Šar-ru-um-i₃-li₂ nu-banda₃*: *Nik* 2 529 (Š 44 iii 6), *BIN* 3 514 (Š 47 v 10), *PPAC* 4 273 (Š 47), and *TRU* 313 (AS 4 viii 28). Note also that one text *JCS* 10 31 11 (AS 6 iii) records that *Lugal-annabtum* was the wife of *Šarrum-ili* the captain (*Lugal-an-na-ab-tum₂ dam Šar-ru-um-i₃-li₂ nu-banda₃*).

²⁶³⁵ *Šu^d-EN.ZU dumu lugal* *i₃-dab₅*: *RA* 62 8 11 (AS 1 i, *nam-ra-ak kur mar-tu*).

²⁶³⁶ *Ur^d-Ba-u₂* *i₃-dab₅*: *MVN* 8 41 (AS 2 i-xii, *sa₂-du₁₁^dInana Unuĝ^{ki}-še₃, ĝiri₃ Ab-ba-sa₆-ga*).

²⁶³⁷ The *ĝiri₃*-official *Aba-saga* in this case is definitely identical with *Aba-saga* the official of the “central bureau”, for whom see Chapter 2.2.

²⁶³⁸ *ki Arad₂-ĝu₁₀-ta*: *PPAC* 4 154 (AS 1 ix, *a₂-ĝiš-ĝar-ra mušen-du₃-e-ne-še₃, ĝiri₃ I₃-la-ša-mar*)

²⁶³⁹ *ki Lu₂^d-Nanna dumu Nam-ha-ni ens₂ Ha-ma-z₂^{ki}-ta*: *MVN* 3 217 (AS 1 ix).

²⁶⁴⁰ *ki Šu^d-EN.ZU dumu lugal-ta*: *MVN* 15 15 (AS 2 iii, *BAD₃.AN^{ki}-ta, ĝiri₃ Al-la mar-tu^{lu₂}kaš₄*).

(1258)²⁶⁴¹, Aršiah the governor of Babylon²⁶⁴², and Ur-Bau²⁶⁴³.

17.2.2 The expenditure (šu ba-ti) of animals accepted by Aba-saga

In AS 4 viii, 80 animals were accepted (šu ba-ti) by Aba-saga from Lugal-itida, which was sealed by Nur-Suen the governor of Sippar, and duplicated seal of Aba-saga²⁶⁴⁴.

17.2.3 Appendix: the formula ki Lugal-iti-da-ta

Two texts, dated AS 9 x, mention animals from Lugal-itida for two deities: Enki²⁶⁴⁵ and Suen²⁶⁴⁶.

17.3 Šarakam

17.3.1 The expenditure (i₃-dab₅) of animals transferred to individuals

Between AS 3 viii and AS 6 xii, Šarakam transferred (i₃-dab₅) animals to seven dignitaries. They consist of two temple perfects, Ama-zimu (6)²⁶⁴⁷ and Inda'a of Anunitum (157)²⁶⁴⁸, four provincial governors, Nanna-zišağal of Girsu²⁶⁴⁹, Ur-Lamma of Girsu (601+)²⁶⁵⁰, Ur-Lisi of Umma (355)²⁶⁵¹ and Ur-Ninkura of Šuruppak (10)²⁶⁵², and one singer, Ur-Ningublaga (1)²⁶⁵³.

17.3.2 The expenditure (šu ba-ti) of animals accepted by Babati

In AS 5 xi, Babati accepted (šu ba-ti) three oxen from Šarakam²⁶⁵⁴.

²⁶⁴¹ ki Lugal-iti-da-ta, Arad₂-ġu₁₀ ensi₂ Ġir₂-su^{ki} i₃-dab₅: MVN 11 195 (AS 9 vii, bala-a zi-ga, ġiri₃ Ka₅^a-mu kurušda).

²⁶⁴² ki Lugal-iti-da-ta, Ar-ši-ah ensi₂ Babilim^{ki} i₃-dab₅: OIP 121 591 (AS 6 xi, bala-a zi-ga, kišib Ur-ni₉-ġar dumu-na). Note that in this case, Ur-niġar was the son of Aršiah the governor of Babylon (see the references AAICAB 1/1 pl. 073 1924-0685, SAOC 46 pl. 8a, and UE 10 437).

²⁶⁴³ ki Lugal-iti-da-ta, Ur-^dBa-u₂ i₃-dab₅: ANM 3837 (AS 9 viii, kišib Da-na-šu). The name Da-na-šu is only attested in this text.

²⁶⁴⁴ ki Lugal-iti-da-ta, Ab-ba-sa₆-ga šu ba-ti: AuOr Suppl.11 128 (AS 4 viii, kišib Nu-ur₂-^dDa-gan ensi₂ Zimbir^{ki}, gaba-ri kišib Ab-ba-sa₆-ga).

²⁶⁴⁵ ki Lugal-iti-da-ta: ASJ 9 268 74 (AS 9 x, ^dEn-ki, ġiš-kin-ti gu-la, ki A-a-ġu, ġiri₃ E₂-e-a-na-ba). The phrase ġiš-kin-ti (gu-la), ki A-a-mu “the (large) craft workshop with A’agū” is also attested in the following texts: AAICAB 1/1 pl. 067-068 1924-0667 (Umma), SAT 2 646 (Umma), SNAT 310 (Umma), YNER 8 11 (Umma), niġ₂-dab₅ ġiš-kin-ti ki A-a-ġu₁₀; and BPOA 1 298 (Girsu), UCP 09-02-2 69 (Umma), ki A-a-ġu₁₀, niġ₂-dab₅ ġiš-kin-ti. For the phrase ġiš-kin-ti, see Renger 1996: 217. Furthermore, the name E₂-e-a-na-ba is also attested in the texts ASJ 18 77 10 (Umma, E₂-e-a-na-ba), UET 3 1118 (Ur, E₂-e-a-na-ba-ak), and UET 3 1150 (Ur, E₂-e-a-na-ba-ak).

²⁶⁴⁶ ki Lugal-iti-da-ta: CDLJ 2012/1 4.41 (AS 9 x, sa₂-du₁₁ ^dEN.ZU ur₃-ra, ġiri₃ Du-da-nu-um). The name Du-da-nu-um is only attested in this text. A possible reading of this name is Ga₂-da-nu-um (CTMMA 1 25).

²⁶⁴⁷ ki [^dŠara₂]-kam-ta, Ama-[zi-mu] šabra i₃-dab₅: BIN 3 331 (AS 6 i-xii, sa₂-du₁₁ ^dInana-še₃, ġiri₃ A-gu-a kurušda).

²⁶⁴⁸ ki ^dŠara₂-kam-ta, In-da-a šabra An-nu-ni-tum i₃-dab₅: UDT 147 (AS 3 viii, sa₂-du₁₁ ^dAn-nu-ni-tum-še₃, ġiri₃ Ab-ba-sa₆-ga).

²⁶⁴⁹ ki ^dŠara₂-kam-ta, ^dNanna-zi-ša₃-ġal₂ ensi₂ Ġir₂-su^{ki}: HS 2282 (AS 4 ii).

²⁶⁵⁰ ki ^dŠara₂-kam-ta, Ur-^dLamma ensi₂ Ġir₂-su^{ki} i₃-dab₅: ASJ 9 255 38 (AS 3 xi, bala-a zi-ga, ġiri₃ Ka₅^a-mu).

²⁶⁵¹ ki ^dŠara₂-kam-ta, Ur-^dLi₉-si₄ ensi₂ Umma^{ki} i₃-dab₅: Nisaba 9 204 (AS 4 ix, mu-DU lugal).

²⁶⁵² ki ^dŠara₂-kam-ta, Ur-^dNin-kur-ra ensi₂ Šuruppak^{ki} i₃-dab₅: CST 281 (AS 3 ix 29, ġiri₃ Lu₂-diġir-ra dumu Inim-^dŠara₂).

²⁶⁵³ ki ^dŠara₂-kam-ta, Ur-^dNin-gublaga nar i₃-dab₅: JCS 52 37 20 (AS 3 x, kišib Šu-i₃-li₂).

²⁶⁵⁴ ki ^dŠara₂-kam-ta, Ba-ba-ti šu ba-an-ti: OIP 121 589 (AS 5 xi, bala-a zi-ga, ġiri₃ Lu₂-^dBa-u₂, kišib Lu₂-^dNin-šubur šabra An-na, a-gu₃-a ġa₂-ġa₂-de₃, e₂ kurušda, ġiri₃ Lugal-iti-da).

18 Conclusions

This study has investigated the organization, the administrative practices and the written documentation of the Puzriš-Dagan organization dating to the reign of Amar-Suen, the third king of the Ur III Dynasty, and the way the Puzriš-Dagan organization functioned. The following conclusions can be safely drawn, through the analysis of many thousands of administrative documents from Puzriš-Dagan.

18.1 Organization

This study presented a clear outline of the Puzriš-Dagan organization within a nine year span dating to the reign of Amar-Suen (2046-2038 BC), by the classification of the organization into a number of units – bureaus. How many bureaus were attested in the Puzriš-Dagan organization during the reign of Amar-Suen? How long did they function for the Puzriš-Dagan organization on the basis of the extant data? Which bureaus were suspended (or were not attested in records any more) in the reign of Amar-Suen? Which bureaus appeared for the first time in the reign of Amar-Suen? On the basis of the extant administrative documents issued by the Puzriš-Dagan organization dating to the reign of Amar-Suen, the answers to the above questions can be provisionally given.

There are primarily 22 bureaus attested in the administrative documents from Puzriš-Dagan during the reign of Amar-Suen, which consist of one “central bureau” and 21 major subordinate bureaus (see Table 18.1).

Table 18.1 Classification and chronology of the bureaus at the Puzriš-Dagan organization

Bureau		Period (From, To)	
Central bureau	Nasa	Š 34 vi	AS 1 viii
	Aba-saga	AS 1 i	AS 9 vi
	Lugal-amarku	AS 8 i	AS 8 v
	Intaea	AS 3 ix	IS 2 xii
	Duga	AS 8 i	IS 1 x
NaGaBtum branch A	The Bureau of Ahuni	Š 44 ii	AS 1 x
	The Bureau of Šulgi-a’aĝu	Š 40 vi	AS 6 ii
	The Bureau of Šu-Mama	AS 6 i	AS 8 iv
	The Bureau of Zubaga	AS 8 v	SS 1 xii
NaGaBtum branch B	The Bureau of Lu-diĝira-IŠ	Š 46 i	AS 3 xi
	The Bureau of Ahu-Wer	AS 3 xi	AS 8 iv
	The Bureau of Igi-Enlilše	AS 8 v	SS 1 xi

Bureau		Period (From, To)	
Royal court branch	The Bureau of Uta-mišaram	AS 5 i	AS 9 ix
	The Bureau of Turam-Dagan	AS 4 xii	AS 6 vii
	The Bureau of Tah(i)š-atal	AS 6 vi	SS 3 iv
Tummal branch	The Bureau of En-diĝirĝu	Š 44 i	SS 1 viii
The Bureau of Enlila		Š 41 iv	SS 2 x
The Bureau of Lu-diĝira-Ah		Š 46 iii	SS 1 v
The Bureau of Lu-saga		AS 6 xi	AS 9 xii
The Bureau of Nalu		Š 43 ii	SS 6 i
The Bureau of Nur-Suen		AS 6 xii	AS 8 xi
The Bureau of Šu-Erra		AS 2 vi	AS 6 xii
The Bureau of Šu-Idim		Š 46 v	AS 3 vii
The Bureau of Ur-kununa		Š 43 viii	IS 2 xii
The Bureau of Ur-šugalama		AS 2 vii	IS 1 xii
The Bureau of Ur-tur		AS 5 v	AS 9 xi

18.1.1 The “central bureau”

The “central bureau” consists of five officials: namely Nasa (see Section 2.1), Aba-saga (see Section 2.2), Lugal-amarku (see Section 2.3), Intaea (see Section 2.4) and Duga (see Section 2.5), arranged in the chronological order. Among them, Lugal-amarku and Duga are identified as the associate officials of the “central bureau”, as well as Aba-saga (limited between AS 1 i and AS 1 vii) and Intaea (limited between AS 3 ix and AS 8 i).

In other words, the principal officials of the “central bureau” are Nasa (between AS 1 i and AS 1 viii), Aba-saga (limited between AS 1 viii and AS 9 v) and Intaea (limited between AS 9 vi and AS 9 xii diri). It should be noted that Intaea was identified as the principal official of the “central bureau”, as the king Amar-Suen was then deceased and the new king Šu-Suen had been enthroned²⁶⁵⁵.

18.1.2 The subordinate bureaus

The 21 subordinate bureaus of the Puzriš-Dagan organization consist of the bureaus of Ahuni (see Section 3.1.1), Šulgi-a’āĝu (see Section 3.1.2), Šu-Mama (see Section 3.1.3), Zubaga (see Section 3.1.4), Lu-diĝira-IŠ (see Section 3.2.1), Ahu-Wer (see Section 3.2.2), Igi-Enlilše (see Section 3.2.3), Uta-mišaram (see Section 4.1), Turam-Dagan (see Section 4.2), Tah(i)š-atal (see Section 4.3), En-diĝirĝu (see Section 5.1), Enlila (see Chapter 6), Lu-diĝira-Ah (see Chapter 7), Lu-saga (see Chapter 8), Nalu (see Chapter 9), Nur-Suen (see Chapter 10), Šu-Erra (see Chapter 11), Šu-Idim (see Chapter 12), Ur-kununa (see Chapter 13), Ur-šugalama (see Chapter

²⁶⁵⁵ In this thesis, the period between AS 9 vi and AS 9 xii diri is also considered to be the reign of Amar-Suen.

14) and Ur-tur (see Chapter 15)²⁶⁵⁶.

Among these subordinate bureaus, seven bureaus (Ahuni, Šulgi-a'aĝu, Šu-Mama, Zubaga, Lu-diĝira-IŠ, Ahu-Wer and Igi-Enlilše) belong to the naGaBtum branch, with the first four bureaus belonging to the Sub-organization A, and the last three belonging to the Sub-organization B. Also, three bureaus (Uta-mišaram, Turam-Dagan and Tah(i)š-atal) belong to the Royal Court branch. Finally, the bureau of En-diĝirĝu belongs to the Tummal branch.

18.1.2.1 The first pattern of classification of subordinate bureaus

On the basis of chronological attestation, the 21 subordinate bureaus can be subdivided into the following four categories:

(1a) the bureaus attested in records dating from the reigns of Šulgi to Amar-Suen (Š-AS): Ahuni, Šulgi-a'aĝu, Lu-diĝira-IŠ, and Šu-Idim (5 officials);

(1b) the bureaus attested in records dating from the reigns of Šulgi to Šu-Suen/Ibbi-Suen (Š-AS-SS/IS) containing the entire reign of Amar-Suen: En-diĝirĝu, Enlila, Lu-diĝira-Ah, Nalu and Ur-kununa (5 officials);

(1c) the bureaus attested in records dating from the reigns of Amar-Suen to Šu-Suen/Ibbi-Suen (AS-SS/IS): Zubaga, Igi-Enlilše, Tah(i)š-atal and Ur-šugalama (4 officials);

(1d) the bureaus attested in records exclusively dating to the reign of Amar-Suen (AS): Šu-Mama, Ahu-Wer, Uta-mišaram, Turam-Dagan, Lu-saga, Nur-Suen, Šu-Erra and Ur-tur (8 officials).

It is important to note that 12 officials/bureaus included in the last two types of bureaus (1c and 1d) appear for the first time in the Amar-Suen's reign, in which eight officials (in Type 1d) appear exclusively in the reign of Amar-Suen. The reason why a lot of new bureaus appear for the first time during the reign of Amar-Suen is not very clear. It is possible that most of the new officials were installed by the new king, namely Amar-Suen in this case, as he began his rule on the throne. Another possibility is that when Aba-saga took his post as the new official of the "central bureau", new subordinate officials were installed.

18.1.2.2 The second pattern of classification of subordinate bureaus

On the basis of different types of animals which they dealt with, the above 21 subordinate

²⁶⁵⁶ There are additional 35 bureaus which are attested in only a few texts. They are the bureaus of Ahanišu (see 16.1), Beli-ili (see 16.2), Beli-azu (see 16.3), Bululu (see 16.4), DU-ili (see 16.5), Enum-ili (see 16.6), Ku-Nanna (see 16.7), Kuli (see 16.8), Lu-Bau (see 16.9), Lu-Nanna son of Namhani (see 16.10), Lu-Utu (see 16.11), Lugal-ezem (see 16.12), Lugal-magure (see 16.13), Nanšekam (see 16.14), Sugali (see 16.15), Šeluš-Dagan (see 16.16), Šabi (see 16.17), Šu-ili (see 16.18), Šulgi-iriĝu (see 16.19), Ubar (see 16.20), Ur-Bau (see 16.21), Ur-Dumuzida (see 16.22), Ur-ešlila (see 16.23), Ur-ĝar (see 16.24), Ur-Igalim (see 16.25), Ur-lugal (see 16.26), Ur-mes governor of Urusaĝrig (see 16.27), Ur-Nanše (see 16.28), Ur-Ninmu/Nintu (see 16.29), Ur-saga (see 16.30), Ur-Šulpae lu₂ ur₃-ra (see 16.31), Ur-Siana the ox-herder (see 16.32), Ur-tilla saĝĝa (see 16.33), Uzinuri (see 16.34) and Zazi (see 16.35).

bureaus can also be subdivided into the following four categories:

(2a) bureaus dealing with oxen/sheep/goats: naGaBtum (Ahuni, Šulgi-a'aĝu, Šu-Mama, Zubaga, Lu-diĝira-IŠ, Ahu-Wer and Igi-Enlilše), Royal court (Uta-mišaram, Turam-Dagan and Tah(i)š-atal), En-diĝirĝu, Lu-saga, Nalu, and Ur-kununa;

(2b) bureaus exclusively dealing with rare/wild animals: Lu-diĝira-Ah;

(2c) bureaus exclusively dealing with oxen: Enlila, Ur-šugalama and Ur-tur;

(2d) bureaus exclusively dealing with equids: Nur-Suen, Šu-Erra and Šu-Idim.

18.2 Administrative practices

During the reign of Amar-Suen, there are mainly the following five types of administrative practices in the “central bureau” and 21 subordinate bureaus of the Puzriš-Dagan organization²⁶⁵⁷.

(i) the disbursement of animals for different purposes or destinations (ba-zi);

(ii) the transfer of animals from a bureau to other bureaus or individuals (i₃-dab₅);

(iii) the receipt of animals from the individual delivery (mu-DU);

(iv) the expenditure of dead animals from a bureau accepted by Ur-niĝar/Šulgi-iriĝu (šu ba-ti);

(v) dealing with new-born animals (u₃-tu-da).

The above five transaction types are only attested in certain bureaus, not all. The following chart is a statistical and conclusive analysis of the types of transactions used in bureaus (see Table 18.2).

Table 18.2 _ Distribution of five types of transactions attested in bureaus

Section	Bureau	ba-zi	i ₃ -dab ₅	mu-DU	šu ba-ti	u ₃ -tu-da
2.1	Nasa	x	x	x		
2.2	Aba-saga	x	x	x		
2.3	Lugal-amarku	x	x	x		
2.4.1	Intaea1	x	x			
2.4.2	Intaea2	x	x	x		
2.5	Duga	x	x	x		
3.1.1	Ahuni	x	x	x	x	x
3.1.2	Šulgi-a'aĝu	x	x	x	x	x
3.1.3	Šu-Mama	x	x		x	
3.1.4	Zubaga	x	x		x	
3.2.1	Lu-diĝira-IS	x	x		x	x
3.3.2	Ahu-Wer	x	x		x	x
3.3.3	Igi-Enlilše	x			x	

²⁶⁵⁷ Apart from the five types of transactions, there are additional transactions which are attested in only a few records, such as the ki-bi gi₄-a-account, the balanced account (niĝ₂-kas₇-ak), the pisan-dub-ba-label, and so on. For these in detail, see references to each chapter.

Section	Bureau	ba-zi	i ₃ -dab ₅	mu-DU	šu ba-ti	u ₃ -tu-da
4.1	Uta-mišaram	x	x		x	
4.2	Turam-Dagan	x			x	x
4.3	Tah(i)š-atal	x	x		x	
5.1	En-diġirġu	x	x		x	x
6	Enlila	x	x			
7	Lu-diġira-Ah	x	x		x	
8	Lu-saga	x				
9	Nalu	x	x	x	x	x
10	Nur-Suen	x	x			
11	Šu-Erra	x	x		x	x
12	Šu-Idim	x			x	
13	Ur-kununa	x	x	x		
14	Ur-šugalama	x	x			
15	Ur-tur	x	x		x	x

Note: Intaea1 refers to Intaea dating between AS 3 and AS 8 when he was identified as the associate official of the “central bureau”, while Intaea2 refers to Intaea dating to AS 9 when he was identified as the principal official of the “central bureau”; *sic passim*.

From the above chart, some conclusions can be drawn.

The first type of transaction, namely the disbursement of animals for different purposes or destinations (ba-zi), is utilized in all of the bureaus.

The second type of transaction, namely the transfer of animals from one bureau to another, or to individuals, is used in most of the bureaus except for those of Igi-Enlilše, Turam-Dagan, Lu-saga and Šu-Idim. Most of these transactions are attested in the officials of the “central bureaus”, particularly referring to Aba-saga.

The third type of transaction, namely the receipt of animals from individual delivery, is mainly used by the officials of the “central bureau”. And a few particular variants of this type of transaction are used in the subordinate bureaus of Ahuni, Šulgi-a’āġu, Enlila, Nalu and Ur-kununa.

The fourth type of transaction, namely the expenditure of dead animals from a bureau accepted by Ur-niġar/Šulgi-iriġu, is exclusively used in the subordinate bureaus except for those of Enlila, Lu-saga, Nur-Suen, Ur-kununa and Ur-šugalama. In other words, this type of transaction is not used in the “central bureau”. It is important to note that in the “central bureau” and the bureau of Enlila, a variant of this transaction, namely the expenditure of living or dead animals from a bureau to another or to other individuals (not Ur-niġar/Šulgi-iriġu) (šu ba-ti), is used.

The last type of transaction, namely dealing with new-born animals, is used in some subordinate bureaus including those of Ahuni, Šulgi-a’āġu, Lu-diġira-IS, Ahu-Wer, Turam-

Dagan, En-diġirġu, Enlila, Šu-Erra and Ur-tur. The first four bureaus in this case belong to the naGaBtum branch. The reason why the other three bureaus of the naGaBtum branch (Šu-Mama, Zubaga and Igi-Enlilše) do not deal with the new-born animals is unclear. It is possible that the transaction dealing with new-born animals was shifted to other bureaus, and it is also possible that the records documenting this transaction issued by the bureaus of Šu-Mama, Zubaga and Igi-Enlilše have not yet been found.

Note that only one type of transaction – the disbursement of animals for various purposes (ba-zi) – is attested in the bureau of Lu-saga.

18.2.1 The disbursement of animals for different purposes or destinations (ba-zi)

As for the first type of transaction, the various purposes or destinations to which animals were disbursed from bureaus are composed of the following entries: cultic purposes, members of the royal household, different individuals, the E'uzga (e₂ uz-ga), the “kitchen” (e₂ muhaldim), the storehouse (e₂ kišib-ba), the village (e₂ duru₅), the feeding of dogs (ur-ra or ur-gir₁₅-ra), and other purposes. Each of these purposes or destinations is attested in specific bureaus, which are listed as follows (see Table 18.3):

Table 18.3 Statistics of the number of animals disbursed from bureaus for various purposes

Bureau (ba-zi)	Cultic	Royal	Individual	E'uzga	Kitchen	Storehouse	Village	Dogs	Others
Nasa	145+	34+	325	5	399+	26	--	30	--
Aba-saga	1,423+	2,693+	3,902+	248+	4,337+	74	14	83	4,391+
Lugal-amarku	14	98	13	6	--	5	--	1	2
Intaea1	158+	643	211+	--	3,161+	153	--	268	3
Intaea2	4	--	--	5	--	1	--	--	1
Duga	70	6	61	2	2,044+	10	--	149	--
Ahuni	88	--	27	--	229	--	--	--	--
Šulgi-a'āgu	301	145	118	5	513+	--	--	--	357
Šu-Mama	52	6	21	--	81+	--	--	--	--
Zubaga	104	114+	51	--	78	--	--	--	265
Lu-diġira-IS	17	30	112	--	106	--	--	4	110
Ahu-Wer	97	35	77+	--	140	--	--	32	7
Igi-Enlilše	7	2	3	--	37	--	--	--	22
Uta-mišaram	21+	--	10	4	52	--	--	--	7
Turam-Dagan	--	--	--	--	6	--	--	--	3
Tah(i)š-atal	12	--	1	2	--	--	--	--	--
En-diġirġu	359+	9	68+	--	92+	--	--	141	--

Bureau (ba-zi)	Cultic	Royal	Individual	E'uzga	Kitchen	Storehouse	Village	Dogs	Others
Enlila	61	--	34	--	771+	2+	--	1+	210
Lu-diĝira-Ah	47	19	1	5	57	4	--	2	--
Lu-saga	39+	--	--	--	22	--	--	--	1,337+
Nalu	958+	142	113+	1+	387+	3	3	1	191+
Nur-Suen	--	--	--	--	--	--	--	9	11
Šu-Erra	1	--	3	--	--	--	--	13	--
Šu-Idim	1	--	31	--	--	--	--	2	15
Ur-kununa	981	1,358+	328+	--	88+	--	--	--	5,970
Ur-šugalama	50+	--	5	--	2	--	--	--	14
Ur-tur	2	--	--	--	3	--	--	--	--

18.2.1.1 For cultic purposes

The disbursements of animals for cultic purposes are attested in all bureaus, with two exceptions: Turam-Dagan and Nur-Suen. The reason for these exceptions may simply be a lack of extant textual data. In any case, it is a fact that the number of administrative documents from Puzriš-Dagan issued by Turam-Dagan or Nur-Suen is too low for a thorough and final conclusion. A similar situation occurs in the disbursements of animals for different individuals, which are attested in all bureaus but four exceptions: Turam-Dagan, Lu-saga, Nur-Suen and Ur-tur.

The official who disbursed the largest number of animals for cultic purposes is Aba-saga (1,423+), followed by Ur-kununa (981), Nalu (958+), and En-diĝirĝu (359+).

The disbursements of animals for cultic purposes were often made for a large number of deities. The deities are: Allagula, Allatum, An, AN.KI.LU.ALIM, Annunitum, Ašnan-Utu, Bau, Dagan, Dumuzi, Enki, Enlil, Enlil-Ninlil, Enme-Šara, Ensigalabzu, Gansura, Gula, Haburium, Haniš, Idim, Inana, Išhara, Iškur, Ištaran, Kurra-igiĝal, Lamma-lugal, Lugal-banda, Lugal-gusisu, Lugal-mušlah, Lugal-NI-ra, Malkum, Meslamtaea, Nana'a, Nanna/Suen, Nanna-anna, Nanše, NinDA, Nindara, Nin-Egaba, Ninegal, Nin-gagia, Ningal, Ninĝirsu, Ninĝišzida, Ningublaga, Ninhursaĝ, Nin-imma, Nin-Isin, Ninkasi, Nin-kununa, Ninlil/Sud, Ninmar, Nin-PU-muna, Ninsun, Nintinugga, Nintu, Ninurta, Nungal, Nušku, Šauša, Šu-ilat, Šulpae, Šuzi-anna, Ulmašitum and Utu.

The other cultic purposes are: (1) the late deified kings, (2) the throne (gu-za), (3) the place of libation (ki-a-naĝ), (4) the “contest” at the *akiti-šunumun*-festivals (a-da-min-še₃ ša₃ a₂-ki-ti šu-numun-na), (5) the steppe (a-ri-a), (6) the bathing ritual (a-tu₅-a), (6) the “gate” (abul), (7) the dais (bara₂), (8) the “White-Mound” (du₆-babbar₂), (9) the “Cedar-Mound” (du₆-^{ĝi}šeren), (10) the

“holy mound” (du₆-ku₃), (11) the “Du’ur” (du₆-ur₃), (12) the mound of the deity Ur-saĝ-7 (du₆^dUr-saĝ-7), (13) the “Dublamah” (dub-la₂-mah), (14) the *erubatum*-festival (e-ru-ba-tum), (15) the temple of a deity (e₂ DN), (16) the Full-Moon-festival (eš₃-eš₃ e₂-u₄-15), (17) the “Spending-Night”-celebration (eš₃ ĝi₆-zal), (18) the festival/rite of the boat of An (ezem/siskur₂ ma₂ An-na), (19) the GAN₂-maš-festival (ezem GAN₂-maš), (20) the “milk-suckling”-rite (ga-gu₇), (21) the GANA-da-rite (GANA₂-da), (22) the Giparu-gate (ka₍₂₎ ĝi₆-par₃), (23) the “oven” (gu₂-bil₂/NE/gibil), (24) the “whip of the conjurer” (hu-ul-dub₂/hul-dub₂), (25) the Hursaĝgalama (Hur-saĝ-ga-lam-ma), (26) the “(cultic)-peg” (kak-gu-la₂), (27) the “place” of Suen/Utū (ki^dEN.ZU/^dUtū), (28) the “pleasure garden” (ĝi₆^škiri₆-mah), (29) the *malkum* (ma-al-kum), (30) the rite of the royal chariot (siskur₂ ĝi₆^šgigir-lugal), (31) the rite at the palace (siskur₂ ša₃ e₂-gal), (32) the rite for the king on a journey (siskur₂ lugal ša₃ kaskal), (33) the rite for Šulgi at the garden (siskur₂ ^dŠul-gi-ra ša₃ ĝi₆^škiri₆), (34) the rite of Constellation-Goat (siskur₂ ^{mul}uz₃), and (35) the “cultic table” (zag-gu₂-la₂).

18.2.1.2 For members of the royal household

The disbursements of animals for members of the royal household are attested in most of bureaus including all officials of the “central bureau” and of the naGaBtum branch but Ahuni, as well as En-diĝirĝu, Lu-diĝira-Ah, Nalu and Ur-kununa. The official who disbursed the largest number of animals for members of the royal household is Aba-saga (2,693+), followed by Ur-kununa (1,358+) and Intaea (643, when he was identified with the associate official of the “central bureau”).

These members of the royal household are:

Š’s son:	Etel-pu-Dagan
Š’s <i>lukur</i> :	Ea-niša
AS’s wife:	Abisimti, Geme-Enlila, Šulgi-simti
AS’s son:	Ahuni, Amir-Šulgi, Ibbi-Ištaran, Inim-Nanna, Lu-Šulgi, Šu-Šulgi, Ur-Bau and Ur-Ištaran
AS’s daughter:	Geme-Eanna, Geme-Nanna, ME-Ištaran/Simat-Ištaran, ME-Šulgi, Ninhedu, Ninlile-makiaĝ, Ninlile-manag, Ninlil-tukulti, Pakinana, Šat-Mami, Šelepputum, Taddin-Eštar, Tešin-Mama, wife of Lu-Nanna son of Ur-niĝar, wife of Lugal-magure, wife of Šarrum-bani
AS’s <i>lukur</i> :	Puzur-uša, Utat-šināt, Zaganbi
AS/SS’s brother:	Ur-Enlila
Others:	Tulid-Šamši (Suen’s ereš-diĝir-priestess)

18.2.1.3 For different individuals

The disbursements of animals for different individuals are attested in all bureaus but the

bureaus of Turam-Dagan, Lu-saga, Nur-Suen and Ur-tur. It is again possible that these exceptions may simply be explained by a lack of extant textual material. The official who disbursed the largest number of animals for different individuals is Aba-saga (3,902+), followed by Ur-kununa (328+) and Nasa (325).

The individuals consist of foreigners, people who held titles and people who did not hold titles. The foreigners are persons from their original areas (PN lu₂ GN), Elamites (PN Elam) and Amorites (PN mar-tu). Furthermore, the titles that persons held are (in alphabetical order): a-zu “doctor”, aga₃-us₂ “soldier”, dam-gar₃ “merchant”, di-ku₅ “judge”, dub-sar “scribe”, en DN “en-priest(ess) of deities”, gala “lamentation-singer”, gudu₄ DN “gudu-priest”, i₃-du₈ “doorkeeper”, kuš₇ “chief herdsman”, lu₂ ġešt_{in} “(a profession)”, lu₂ ġiš-ban “archer”, lu₂-mah DN “the *Lumah*-priest of a deity”, lu₂ ^{ġiš}tigidlu “player of tigidlu-instrument”, maš₂-šu-gid₂-gid₂ “diviner”, muhaldim “cook”, mu₁₃-mu₁₃ “incantation priest”, mušen-du₃ “bird-catcher”, ^(munus)nar “(female) singer”, nu-banda₃ “captain”, ra₂-gaba “equestrian”, saġ nam-ra-ak “prisoner of war”, sagi “cupbearer”, sukkal “courier”, sukkal-mah “Grand Vizier”, šabra “temple perfect”, šakkan₆ “governor-general”, u₄-da-tuš “jester”, u₃-kul “(a title)”, um-me-da “dry-nurse”, and zadim “bow-maker”.

18.2.1.4 For the E’uzga

The disbursements of animals for the E’uzga are attested in all officials of the “central bureau” and the bureaus of Šulgi-a’āġu, Uta-mišaram, Tah(i)š-atal, Lu-diġira-Ah and Nalu. Exceptionally, it is only Duga who disbursed animals to the E’uzga for soldiers (mu aga₃-us₂-e-ne-še₃). The clause mu aga₃-us₂-e-ne-še₃ is attested in the disbursements of animals for the “kitchen” issued by lots of bureaus including the bureau of Duga. The official who disbursed the largest number of animals for the E’uzga is Aba-saga (248+), and the number of animals disbursed by other officials for the E’uzga is all lower than ten. Furthermore, a number of cooks, such as A’a-kala, Arad-Nanna, Ur-Bau and Ur-Šulpae, were generally responsible for the disbursements of animals for the E’uzga.

18.2.1.5 For the “kitchen”

The disbursements of animals for the “kitchen” are attested in most of bureaus except for the bureaus of Lugal-amarku, Tah(i)š-atal and three officials (Nur-Suen, Šu-Erra and Šu-Idim) who exclusively dealt with equids. Interestingly, Intaea who was identified with the associate official of the “central bureau” disbursed animals not for the E’uzga but for the “kitchen”, whereas he who was identified with the principal official of the “central bureau” disbursed animals not for the “kitchen” but for the E’uzga.

The official who disbursed the largest number of animals for the “kitchen” is Aba-saga

(4,337+), followed by Intaea (3,161+, when he was identified with the associate official of the “central bureau”), Duga (2,044+), three of who were the officials of the “central bureau”, as well as Enlila (771+) and Šulgi-a’āgu (513+). Note that for most of officials who disbursed animals for various purposes, the number of animals disbursed for the “kitchen” is almost larger than the number of animals disbursed for any other destination, which beyond doubt indicates the significance of the disbursements of animals for the “kitchen” during the reign of Amar-Suen.

Specifically, the disbursements of animals for the “kitchen” can be subdivided into the following categories.

(1) directly for the “kitchen”: (Nasa, Aba-saga, Intaea, Duga, Ahuni, Uta-mišaram, Turam-Dagan, En-diġirġu, Enlila, Lu-saga, Nalu, Ur-kununa, Ur-tur)

(2) to the “kitchen” (2a) for soldiers (aga₃-us₂): (Nasa, Aba-saga, Intaea, Duga, Ahuni, Šulgi-a’āgu, Šu-Mama, Lu-diġira-IS, Ahu-Wer, Enlila, Lu-diġira-Ah, Nalu), (2b) for the GAR₃.DU people: (Intaea, Duga, Šu-Mama, Zubaga, Ahu-Wer, Igi-Enlilše, En-diġirġu, Enlila, Lu-diġira-Ah, Nalu, Ur-tur), (2c) for the GAR₃.DU people of Amar-Suen: (Šu-Mama, Uta-mišaram, Lu-diġira-Ah), (2d) for runners (kaš₄): (Duga, Ahuni, Šulgi-a’āgu, Šu-Mama, Zubaga, Lu-diġira-IS, Ahu-Wer, Igi-Enlilše, En-diġirġu, Lu-diġira-Ah, Nalu, Ur-šugalama), and (2e) for military governors (šakkan_{2/6}): (Zubaga, En-diġirġu, Nalu)

(3) to the “kitchen” for (3a) the soldiers or (3b) the GAR₃.DU people of Amar-Suen, or (3c) the captains (nu-banda₃) having come from a (military) campaign: (Intaea)

(4) to the “kitchen” for various people²⁶⁵⁸: (Duga, Ahuni, Šulgi-a’āgu, Šu-Mama, Zubaga, Lu-diġira-IS, Ahu-Wer, En-diġirġu, Enlila, Lu-diġira-Ah, Nalu)

(5) to the “kitchen”, (animals were) loaded on a boat, when the king went to Gaeš / Nippur / Šuruppag / Ur / Urusaġrig: (Intaea, Duga, Enlila)

(6) to the “kitchen” for soldiers, (animals were) loaded on a boat, when the king went to Ur / Nippur: (Aba-saga, Duga)

(7) to the “kitchen” for soldiers, when the king came from Urusaġrig: (Nasa)

(8) to the “kitchen” from Puzriš-Dagan to Ur, loaded to a *zi-gum*-boat, accepted by Ur-niġar: (Aba-saga)

(9) to the “kitchen” for the mar-sa-troops loaded onto the royal boat and taken with the troops to Šuruppag: (Enlila)

(10) to the “kitchen” for the *akiti*- and *šunumun*-festivals / the *ersua*-festival: (Intaea)

(11) to the “kitchen” for the mašdarea-people at the banquet during the the *ersua*-festival: (Duga)

(12) to the “kitchen” for the banquet of the son-in-lawship of Šeluš-Dagan: (Intaea)

(13) to the “kitchen” for governor-generals sitting down for a banquet: (Ahu-Wer, En-diġirġu)

(14) cooked in the oven (for the soldiers) loaded on a boat, when the king went to Ur: (Intaea, Šulgi-a’āgu)

²⁶⁵⁸ The people are (4a) Abisimti, (4b) Ama-KI.KAL, (4c) Darzigin the diviner, (4d) Geme-eanna the daughter-in-law of Aradġu the “Grand Vizier”, (4e) Geme-Nanna the daughter-in-law of Bu’udu, (4f) Gunda of Hurti, (4g) Hulibar the governor of Duduli before his entering the city, (4h) Kubatum and Tiamat-bašti, (4i) Marhuni and Erinmuda’are’eša’a who were the persons of Harši, (4j) Naplanum the Amorite, (4k) Šat-Šulgi the daughter of the king, (4m) his daughter-in-law when Ur-Adad the governor of Hamazi brought (them), (4n) the wife of Beli-arik, (4o) the wife of Iddin-Dagan, (4p) the wife of Šulgi-hasis, (4q) Amorite sorcerers from Dilmun, (4r) the Marhašites, (4s) the people of Der, (4t) the women and children of the naGaBtum branch who received and ate (them), and (4u) the women and children of (temple of) Inana.

18.2.1.6 For the storehouse

The disbursements of animals for the storehouse are attested in the records of all the officials of the “central bureau” and the bureaus of Enlila, Lu-diĝira-Ah and Nalu. The official who disbursed the largest number of animals for the storehouse is Intaea (153, when he was identified with the associate official of the “central bureau”), followed by Aba-saga (74), Nasa (26) and Duga (10), almost all of which belong to the officials of the “central bureau”.

18.2.1.7 For the village

The disbursements of animals for the village are exclusively attested in the records issued by Aba-saga, with the exception of one record in question issued by Nalu (MVN 3 228:19).

18.2.1.8 For feeding dogs

The disbursements of animals for feeding dogs are attested in the records of all officials of the “central bureau” and the bureaus of Lu-diĝira-IS, Ahu-Wer, En-diĝirĝu, Enlila, Lu-diĝira-Ah, Nalu and three officials (Nur-Suen, Šu-Erra and Šu-Idim) who exclusively dealt with equids.

The official who disbursed the largest number of animals for feeding dogs is Intaea (268, when he was identified with the associate official of the “central bureau”), followed by Duga (149), and En-diĝirĝu (141). Note that the disbursement of equids for feeding dogs are the primary administrative activity of three officials who exclusively dealt with equids, namely Nur-Suen, Šu-Erra and Šu-Idim, however, the number of equids (9, 13, 2, respectively) they disbursed for feeding dogs is not too large. A possible reason is that equids are not as common and many as sheep or goats in Mesopotamia.

Furthermore, the disbursements of animals for feeding dogs are frequently accepted (šu ba-ti / i₃-dab₅) by Dukra, Ilallum and Šulgi-iriĝu, as well as the following herders of dogs: Abisadu, Dan-Šulgi, Ilati, Ilum-bani, Išme-ilum, Lugal-urrani, Puzur-Enlil, Šarrum-bani, Šu-ili, Ur-Šulgi and Zimzilah/Zinzilah.

18.2.1.9 For other purposes

The disbursements of animals for other purposes consist of the following categories²⁶⁵⁹:

(1) For the bala-funds (bala PN, PN i₃-dab₅, kišib PN) of provincial governors (ensi₂) or temple perfects (šabra).

(2) Received (i₃-dab₅, kišib) by officials of Puzriš-Dagan including Ahu-Wer, Beli-azu, Bululu, Lu-diĝira-IS, Šu-Erra, Tah(i)š-atal, Turam-Dagan, and Ušmu²⁶⁶⁰.

(3) Received (i₃-dab₅) by Nuida, A'a-kala for making meat or regular offering

(4) Received (šu ba-ti) by Nur-Suen, Šulgi-iriĝu and Ur-niĝar (for making meat)

(5) For making meat (KA-izi, mu-du-lum).

The official who disbursed the largest number of animals for other purposes is Ur-kununa

²⁶⁵⁹ For the formulae attested in the disbursements of animals for other purposes, see Section 18.3.

²⁶⁶⁰ Note the difference between this type of transaction and the transfer of animals from one bureau to other bureau(s) (see 18.2.2).

(5,970, of which 4,809 [80%] are sealed by officials/governors [kišib]), followed by Aba-saga (4,391, of which 2,867 [65%] are received [i₃-dab₅] by officials/governors) and Lu-saga (1,337+, all for the bala-funds of provincial governors).

18.2.2 The transfer of animals from one bureau to another or to individuals

This type of transaction attested in administrative documents issued by the Puzriš-Dagan organization, namely the transfer (i₃-dab₅) of animals from one bureau to other bureau(s) or individual(s), consists of two categories: the transfer of animals from one bureau to another (ki B-ta, B i₃-dab₅), and the transfer of animals from one bureau to the individual who is not the official of the Puzriš-Dagan organization (ki B-ta, PN i₃-dab₅) (see Table 18.4).

Table 18.4 Statistics of the number of animals transferred from a bureau to other bureau(s)

From bureau	Animal	To bureau(s) ²⁶⁶¹
Nasa	1,587+	Ahuni, Lu-diġira-IS, En-diġirġu, Enlila, Nalu, Šu-Idim
Aba-saga	97,208+	Intaea, Duga, Ahuni, Šulgi-a'aġu, Šu-Mama, Zubaga, Lu-diġira-IS, Ahu-Wer, Igi-Enlilše, Uta-mišaram, Turam-Dagan, Tah(i)š-atal, En-diġirġu, Enlila, Lu-diġira-Ah, Lu-saga, Nalu, Nur-Suen, Šu-Erra, Šu-Idim, Ur-kununa, Ur-šugalama, Ur-tur
Lugal-amarku	3,917	Duga, Šu-Mama, Ahu-Wer, Uta-mišaram, Tah(i)š-atal, Enlila, Lu-diġira-Ah, Lu-saga, Nalu, Ur-tur
Intaea1	9,893	Šu-Mama, Lu-saga, Nur-Suen, Šu-Erra, Ur-kununa, Ur-šugalama, Ur-tur
Intaea2	1,158+	Duga
Duga	520	Enlila, Lu-saga
Ahuni	5	Nasa (la ₂ -ia ₃ su-ga)
Šulgi-a'aġu	684+	Intaea (eš ₃ -eš ₃ -še ₃), Uta-mišaram, Enlila
Šu-Mama	16	Uta-mišaram
Zubaga	7	Uta-mišaram
Lu-diġira-IS	20	Šulgi-a'aġu, Ur-šugalama
Ahu-Wer	650	Turam-Dagan, En-diġirġu, Lu-saga
Uta-mišaram	288	Intaea, Šu-Mama, Ahu-Wer, Turam-Dagan, Tah(i)š-atal, Lu-saga, Nalu
Tah(i)š-atal	95	Duga
En-diġirġu	320	Duga, Šu-Mama, Uta-mišaram, Turam-Dagan, Lu-saga, Nalu
Enlila	62	Aba-saga (S PN, kišib šabra), Duga (kišib)
Lu-diġira-Ah	43+	Šulgi-a'aġu, Turam-Dagan
Nalu	2,006	Aba-saga (Aba-saga's seal), Intaea, Zubaga, Lu-diġira-IS, Lu-saga

²⁶⁶¹ In this case, the bureaus refer to those from Chapter 2 to Chapter 16, not include Chapter 17 and other possibly-belonging bureaus/officials.

From bureau	Animal	To bureau(s) ²⁶⁶¹
Nur-Suen	11	
Šu-Erra	11	Aba-saga (Nasa's seal), Nur-Suen
Ur-kununa	773	Intaea, Duga (kišib), Ur-tur
Ur-šugalama	78	Šulgi-a'aĝu, Zubaga, Lu-diĝira-IS, Ur-tur
Ur-tur	92	Lu-saga, Ur-šugalama

The official who transferred the largest number of animals to other officials/individuals is Aba-saga (97,208+), followed by Intaea (9,893, when he was the associate official of the “central bureau”). Aba-saga transferred animals to all subordinate bureaus. Furthermore, except for the bureau of Nalu (2,006), it was the officials of the “central bureau” who transferred (*i₃-dab₅*) the overwhelming majority of animals.

It is very important to note that the common direction of the transfers of animals is from the “central bureau” to subordinate bureaus, or from subordinate bureaus to subordinate bureaus, however, only a few opposite transfers of animals occur at the bureaus of Ahuni (to Nasa), Šulgi-a'aĝu (to Intaea), Uta-mišaram (to Intaea), Tah(i)š-atal (to Duga), Enlila (to Aba-saga, Duga), Nalu (to Aba-saga, Intaea), Šu-Erra (to Aba-saga), and Ur-kununa (to Intaea, Duga). In other words, it was only Enlila, Nalu and Šu-Erra who transferred animals to Aba-saga.

Another notable phenomena is that the transfers of animals occurred frequently between the officials of the naGaBtum branch and the officials of the Royal Court branch, such as from Šulgi-a'aĝu/Šu-Mama/Zubaga to Uta-mišaram, from Ahu-Wer to Turam-Dagan, from Uta-mišaram to Šu-Mama/Ahu-Wer.

What is more, among all of the officials to whom Aba-saga transferred animals, the number of animals that Aba-saga transferred to Intaea is the largest (22,586+), followed by to Nalu (18,180+), Šulgi-a'aĝu (10,995+) and Šu-Erra (10,709). The probable reason why Aba-saga transferred the most animals to Intaea is that these animals were disbursed for various purposes by Intaea, particularly for the “kitchen” (this type of administrative activity was succeeded by Intaea from Aba-saga), or they were once again transferred from Intaea to subordinate bureaus or individuals. Another possible reason is the proceeding shift of the authority of the “central bureau” from Aba-saga to Intaea.

Interestingly, the number of animals (oxen/sheep/goats) which Nur-Suen (12) and Šu-Erra (11) expended (*ba-zi, i₃-dab₅*) is much smaller than the number of animals (oxen/sheep/goats) which Aba-saga transferred to Nur-Suen (2,823+) and Šu-Erra (10,581). Where were the else animals Aba-saga transferred to Nur-Suen and Šu-Erra expended? The only reasonable interpretation is that the administrative records documenting the expenditures of animals issued by Nur-Suen and Šu-Erra have yet to be found.

18.2.3 The receipt of animals from the individual delivery (mu-DU)

This type of administrative activity, namely the receipt of animals from the individual delivery (mu-DU), is primarily issued by Aba-saga during the reign of Amar-Suen (and issued by Nasa during the reign of Šulgi, by Intaea during Šu-Suen/Ibbi-Suen's reigns). Among these transactions, a huge number of delivering individuals occurred. They delivered (mu-DU) animals which were received (*i₃-dab₅*) by the officials of the “central bureau”, mainly by Aba-saga during Amar-Suen's regnal years. The basic recorded formula is: S, PN, mu-DU, B *i₃-dab₅* “animals, of PN, delivery, B received”.

Table 18.5 Statistics of the number of animals received by central bureau from deliveries

Central Bureau	PN/erin ₂	Animal (S, PN)	Animal (others)	Animal (sum)
Nasa	84/1	386+	87	473+
Aba-saga	655/17	10,310+	11,331	21,641+
Lugal-amarku	16/5	99	0	99
Intaea ²	77/1	2,607+	47	2,654+
Duga	0/0	0	5	5

Note: “PN/erin₂” refers to the number of individuals and troops which delivered animals, “Animal (S, PN)” refers to the number of the individual deliveries of animals, “Animal (others)” refers to the number of other types of deliveries of animals, and “Animal (sum)” refers to the number of all of the deliveries of animals.

The chart (see Table 18.5) illustrates that 856 individuals (incl. troops) delivered more than ten thousand animals which were received by four officials of the “central bureau”: Nasa, Aba-saga, Lugal-amarku and Intaea. Most of the individual deliveries of animals were received by Aba-saga. These individuals consist of members of the royal household, provincial governors (*ensi₂*), foreigners (PN *lu₂* GN, PN Elam, PN mar-tu), individuals who held titles, individuals who did not hold titles, and troops (*erin₂*) (in detail, see 2.2.3.1). Take Aba-saga as an instance, he received individual deliveries of 10,310+ animals, without considering the individuals who did not hold titles (4,419+), the troops delivered the largest number of animals (3,067, see 2.2.3.1.4), followed by provincial governors (963, see 2.2.3.1.2), captains (*nu-banda₃*) (623, see 2.2.3.1.5), the Amorites (271+, see 2.2.3.1.3 [3]), chief herdsmen (*kuš₇*) (266, see 2.2.3.1.7), and temple perfects (*šabra*) (212, see 2.2.3.1.6). Another example is Intaea who received the individual deliveries of 2,607+ animals, of which 2,400 animals were the deliveries of troops, accounting for approximately 92%.

Furthermore, it is important to note that from the information of the same-day texts, the officials of the “central bureau” (mainly referring to Aba-saga) received the individual deliveries of animals, at the same day, they once again either disbursed (*ba-zi*) these animals (all or a part) for various purposes, or/and transferred (*i₃-dab₅*) them to subordinate bureaus or individuals (mainly from Aba-saga to Intaea and to the officials of the naGaBtum branch). Also, the deliverers (mu-DU PN) were recorded in the same-day disbursements (*ba-zi*) of animals, but

were not recorded in the same-day transfers (*i*₃-*dab*₅) of animals issued by the “central bureau” officials. A typical instance, dated AS 5 i 21, is given as follows:

PDT 1 14 (mu-DU)	TCND 242 (ba-zi)	CST 298 (<i>i</i>₃-<i>dab</i>₅)
1 sila ₄ ensi ₂ Šuruppag ^{ki}	1 amar maš-da ₃	4 sila ₄
1 sila ₄ Igi-an-na-ke ₄ -zu	e ₂ uz-ga	u ₄ 21-kam
1 amar maš-da ₃ Ku-u ₃	mu-DU Ku-u ₃	ki Ab-ba-sa ₆ -ga-ta
1 sila ₄ Lu ₂ - ^d Nanna	Ur- ^d Ba-u ₂ maškim	In-ta-e ₃ -a <i>i</i> ₃ - <i>dab</i> ₅
1 sila ₄ Ur- ^d En-gal-du-<du>	u ₄ 21-kam	<i>date</i>
u ₄ 21-kam	ki Ab-ba-sa ₆ -ga-ta ba-zi	(duplicate: OIP 121 172)
mu-DU Ab-ba-sa ₆ -ga <i>i</i> ₃ - <i>dab</i> ₅	<i>date</i>	
<i>date</i>		

The one young gazelle (amar maš-da₃), which was the delivery of Ku’u received by Aba-saga, was disbursed by Aba-saga for the E’uzga at the same day (Day 21). In addition, the four lambs, which were the deliveries of the governor of Šuruppag, Igi-anakezu, Lu-Nanna and Ur-Engaldudu received by Aba-saga, were transferred from Aba-saga to Intaea on the same day. Note that unlike the disbursement of the one young gazelle, the names of the four deliverers (Šuruppag, Igi-anakezu, Lu-Nanna and Ur-Engaldudu) are not given in the record detailing the transfer of the four lambs. However, it is definitely certain that the four lambs were from the deliveries of these four individuals on the basis of the same-day texts²⁶⁶².

At the same time, these same-day texts are not uniformly available. In fact, the same-day ba-zi (or *i*₃-*dab*₅) texts for most of the mu-DU texts are not extant. One possible reason is that these texts have been destroyed or have yet to be excavated. Fortunately, the following same-day texts documenting same animals’ deliveries and expenditures (ba-zi, *i*₃-*dab*₅) are available and collected herein (see Table 18.6).

Table 18.6 Same-day texts involving the individual delivery²⁶⁶³

Date	mu-DU text	ba-zi text	<i>i</i>₃-<i>dab</i>₅ text
AS 2 v 2	BIN 3 522	Trouvaille 14	
AS 2 x 20	MVN 13 845	Nik 2 513	
AS 3 i 21	Rochester 40	AuOr Suppl 11 653	

²⁶⁶² Apart from the above-mentioned same-day texts which correspond with the ba-zi texts and mu-DU texts, more evidence that corresponding same-day texts are attested between mu-DU texts and *i*₃-*dab*₅ texts. In other words, the individual deliveries of animals, which were received by the “central bureau” officials (mainly Aba-saga), were transferred from him to other officials or individuals (mainly Intaea and the officials of the naGaBtum branch, occasionally with the officials of the Royal Court) on the same day. Note also that the individuals delivering animals were not attested in the transfers of these animals. For instance, the following two texts are: the text SAT 2 799 (mu-DU): “1 sila₄ I-šar-ra-ma-aš, 1 sila₄ Lu₂-^dNanna šabra ^dNin-šubur, 1 sila₄ Id-da-a, 1 sila₄ Kal-la-mu ensi₂, u₄ 1-kam, mu-DU Ab-ba-sa₆-ga *i*₃-*dab*₅, *date*”; and the text NYPL 31 (*i*₃-*dab*₅): “4 sila₄, u₄ 1-kam, ki Ab-ba-sa₆-ga-ta, In-ta-e₃-a *i*₃-*dab*₅, *date*”. The individual deliveries of four lambs, which were received by Aba-saga in AS 4 xi 1, were transferred from Aba-saga to Intaea on the same day.

²⁶⁶³ The italic “AS 5 viii 15” refers to its corresponding ba-zi texts containing not mu-DU PN but ša₃ mu-DU-ra-ta, that is, the deliverer did not occur. The underline “AS 8 iii 24” indicates that the text was issued not by Aba-saga but Lugal-amarku/Intaea.

Date	mu-DU text	ba-zi text	i₃-dab₅ text
AS 4 xii 7	Princeton 1 45	AUCT 1 318	
AS 4 xii 20	PDT 2 1285	TRU 311:3	
AS 5 i 4	NYPL 225	PDT 1 10	
AS 5 i 17	MVN 13 461	AUCT 1 128	Nisaba 8 231
AS 5 i 21	PDT 1 14	TCND 242	OIP 121 172 = CST 298
AS 5 i 23	JCS 23 113 23	Erm 14866	PDT 1 149 = BPOA 6 654, Princeton 1 23
AS 5 i 24	PDT 1 59	HS 2261	
AS 5 i 26	BIN 3 533	CST 299, MVN 13 849	
AS 5 i 29	MVN 1 127	Princeton 2 357	TCND 105
AS 5 ii 26	TCND 60	AAICAB 1/4 Bod S 505	Hirose 183 = OIP 121 186
AS 5 ii 28	CST 305	Hirose 184	Hirose 186
<i>AS 5 v 7</i>	OIP 121 89	CST 316	ASJ 7 169 TRU 62
<i>AS 5 v 9</i>	CTNMC 10	BIN 3 129	OIP 121 213, HS 2313
AS 5 v 10	AUCT 1 267	OIP 121 214	SET 17
AS 5 vi 12	SA 35	PDT 1 143	
AS 5 vi 17	MVN 13 848	OIP 121 224	OIP 121 223
AS 5 vii 11	OIP 121 92	OIP 121 238	OIP 121 237
AS 5 vii 16	OIP 121 93	CST 325	BIN 3 112 = MVN 20 180, OIP 121 240
AS 5 vii 17	OIP 121 94	PDT 1 131	CST 326 = OIP 121 241
AS 5 viii 12	OrSP 18 pl 6 20	Hirose 209	OIP 121 253, MVN 15 347
<i>AS 5 viii 15</i>	CST 328	OIP 121 256	
AS 5 ix 4	PDT 1 137	PDT 1 90	
<i>AS 5 ix 9</i>	MVN 11 140	CDLJ 2012/1 4.36	CST 462, OIP 121 270, HS 2276
AS 5 ix 10	ASJ 7 122 1	PDT 1 58	
<i>AS 5 ix 11</i>	SET 10	OIP 121 271	OIP 121 272, OIP 121 273
AS 5 ix 17	CDLJ 2007/1 3.17	OIP 121 278	
AS 5 ix 23	ArOr 25 558 6	OIP 121 283	Nisaba 8 130 = OIP 121 282, SACT 1 34
AS 5 ix 24	MVN 15 350	Nik 2 484	TCND 142, Erm 14578
AS 5 ix 29	Nik 2 476	MVN 13 812	TCND 143, OIP 121 286
AS 5 x 3	CDLJ 2012/1 4.21	OIP 121 292	Erm 14796
AS 5 x 6	NYPL 5	OIP 121 293	Erm 14884, HS 2300
AS 5 x 19	TCND 70	OIP 121 294	
<i>AS 5 xi 11</i>	OIP 121 100	TCND 247	TCND 149, SACT 1 35
<i>AS 5 xi 21</i>	Ontario 1 71		AUCT 1 893, SACT 1 36
AS 5 xi 23	BIN 3 605	TCND 248	PPAC 4 98

Date	mu-DU text	ba-zi text	i ₃ -dab ₅ text
AS 5 xi 28	Hirose 214	OIP 121 312	SACT 1 23
<i>AS 8 iii 24</i>	MVN 11 200	AUCT 1 239	TRU 70
AS 8 x 8	Erm 14852	AUCT 1 311	
<i>AS 9 xii d 17</i>	MVN 13 398	BPOA 7 1608	

The chart illustrates that the overwhelming majority of the corresponding same-day texts date to the fifth regnal year of Amar-Suen. There are two possible reasons: one reason is that the administrative documents from Puzriš-Dagan dating to the years other than AS 5 are not too many, and the administrative documents recording the deliveries and disbursements at the same day have not yet been found. Another possible reason is that there was a reform on the written documentation after AS 5. Accordingly, these corresponding same-day texts play an important role in the reconstruction of damaged texts, and the further study of the administrative significance of the mu-DU texts.

18.2.4 The expenditure of dead animals received by Ur-niġar/Šulgi-iriġu

The expenditures of dead animals received by Ur-niġar/Šulgi-iriġu are exclusively attested in the administrative documents issued by 16 officials of the subordinate bureaus, not by the “central bureau”. The 16 officials of the subordinate bureaus are: Ahuni, Šulgi-a’ aġu, Šu-Mama, Zubaga, Lu-diġira-IS, Ahu-Wer, Igi-Enlilše (all seven officials of the naGaBtum branch), Uta-mišaram, Turam-Dagan, Tah(i)š-atal (all three officials of the Royal Court branch), En-diġirġu (the Tummal official), Lu-diġira-Ah (the official exclusively dealing with rare/wild animals), Šu-Erra, Šu-Idim (both officials exclusively dealing with equids), Ur-tur (exclusively dealing with oxen), and Nalu. In other words, the five officials, namely Enlila, Lu-saga, Nur-Suen, Ur-kununa and Ur-šugalama, did not expend dead animals received by Ur-niġar/Šulgi-iriġu. Why did these five officials not expend dead animals to Ur-niġar/Šulgi-iriġu? A possible reason why Nur-Suen did not expend dead animals to Ur-niġar/Šulgi-iriġu is that the texts documenting these transactions have not yet been found. But it is certain that the expenditure of dead animals received by Ur-niġar/Šulgi-iriġu was not on the authority of Enlila, Lu-saga, Ur-kununa and Ur-šugalama. So the question is: how many dead animals were received by Ur-niġar/Šulgi-iriġu from the above-mentioned 16 officials of the subordinate bureaus during the reign of Amar-Suen? Which official expended the most dead animals? A statistical analysis of the transaction of dead animals is given as follows (see Figure 18.1):

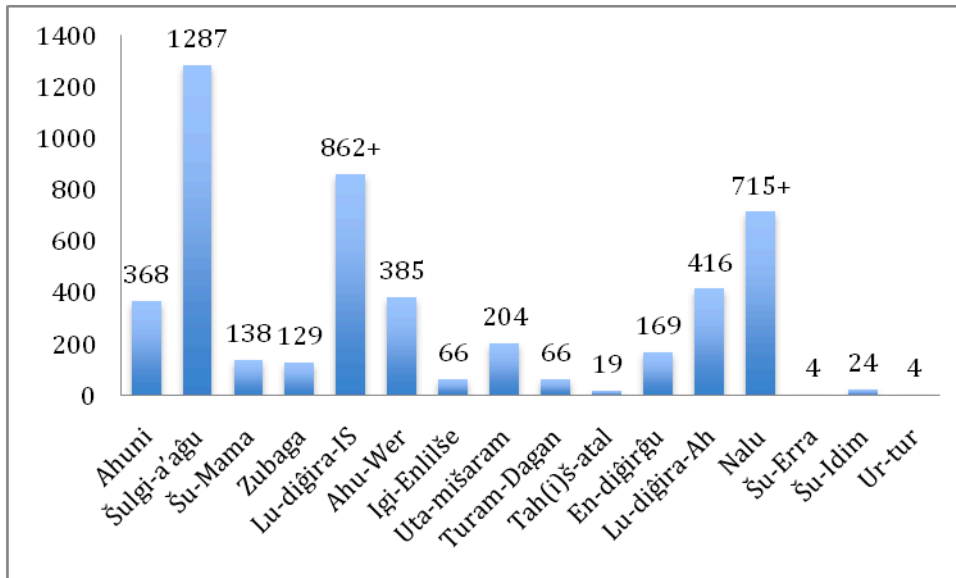


Figure 18.1 _ Statistics of the number of dead animals received by Ur-niġar or/and Šulgi-iriġu from bureaus

This figure illustrates that Ur-niġar and Šulgi-iriġu received (šu ba-ti) 4,856+ dead animals from the 16 officials of the subordinate bureaus of the Puzriš-Dagan organization. The number of dead animals expended from each bureau is extremely unequal, with the largest number of dead animals from Šulgi-a'aġu (1,287) and the smallest number of dead animals from Šu-Erra and Ur-tur (each 4). Among these officials, three officials, namely Šulgi-a'aġu (1,287), Lu-diġira-IS (862+) and Nalu (715) expended 2,864+ dead animals in total to Ur-niġar/Šulgi-iriġu, which accounts for approximately 60 percent of all of dead animals (4,856+) expended. Also, the number of dead animals expended from seven officials of the naGaBtum branch (3,245+) accounts for roughly 67 percent of all of dead animals (4,856+) expended, which indicates that the officials of the naGaBtum branch played a very important role in the expenditures of dead animals received by Ur-niġar/Šulgi-iriġu. Another notable issue is that the number of dead equids and oxen, which Ur-niġar/Šulgi-iriġu received from Šu-Erra, Šu-Idim (who both exclusively dealt with equids), and from Ur-tur (who exclusively dealt with oxen), is quite low.

In addition to this, the yearly number of dead animals which Ur-niġar/Šulgi-iriġu received from all of the subordinate bureaus is imbalanced. In which year did Ur-niġar/Šulgi-iriġu receive more dead animals, and in which year did they receive fewer dead animals? What is the typical yearly number of dead animals expended? These questions can be answered using the following figure, which presents a statistical analysis of the yearly number of dead animals expended from subordinate bureaus to Ur-niġar/Šulgi-iriġu (see Figure 18.2).

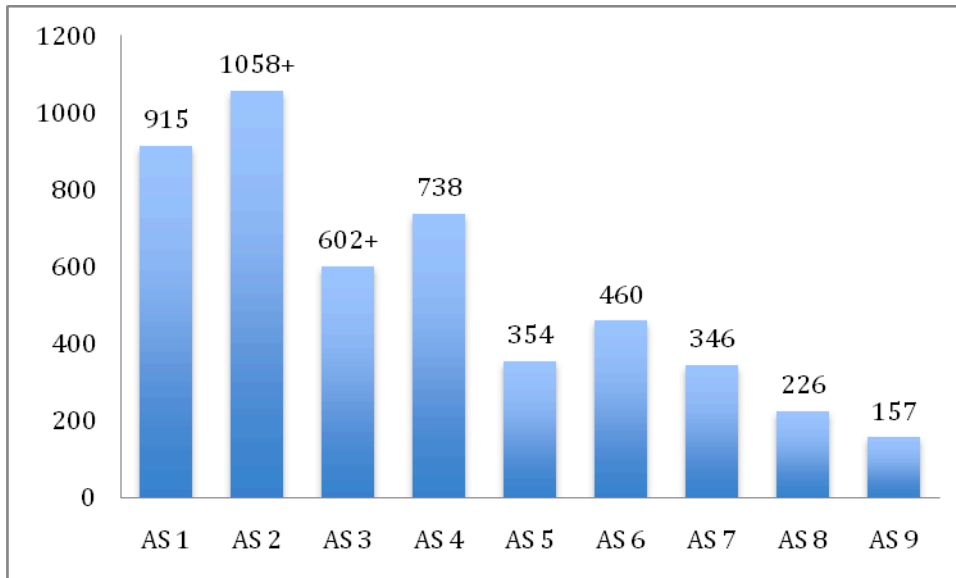


Figure 18.2 _ Yearly distribution of the dead animals received by Ur-niġar or/and Šulgi-iriġu from bureaus

This figure reflects, roughly, a decreasing trend between the absolute peak in AS 2 and the absolute low in AS 9, with two abnormalities (the lower than expected expenditures in AS 3 and AS 5). Secondly, the majority of transactions of dead animals occurred in the first two regnal years of Amar-Suen. What causes the comparably low number of expenditures in AS 5 is that Šulgi-iriġu received an extremely small number of dead animals from three officials: En-diġirġu (1), Lu-diġira-Ah (23) and Nalu (0) dating to AS 5. The reason why En-diġirġu and Nalu suddenly discontinued their expenditure of dead animals is unclear.

Thirdly, since the time AS 9 vi when Intaea replaced Aba-saga as the principal official of the “central bureau”, there are only 29 dead animals received by Šulgi-iriġu from four officials (Zubaga, En-diġirġu, Lu-diġira-Ah and Nalu) within approximately half a year (between AS 9 vi and AS 9 xii diri). What causes this low number of expended dead animals is possibly related to the changes of the principal official of the “central bureau” and the succession of the new ruler (Šu-Suen) of the Ur III court. Notably, in AS 9, most of dead animals were received by Šulgi-iriġu from the bureau of Zubaga (118), i.e., 75% of dead animals expended in this year.

It is very important to note that the dead animals which were received by Ur-niġar/Šulgi-iriġu from the officials of the naGaBtum branch (Ahuni, Šulgi-a’ aġu, Lu-diġira-IS), the Royal Court branch (Uta-mišaram, Turam-Dagan) and the Tummal branch (En-diġirġu) were frequently designated as entries. These entries are: ša₃ Wa-ta₂-al-tum “at Watarum” (Ahuni, Šulgi-a’ aġu, Uta-mišaram), ša₃ PU₃.ŠA-iš^d-Da-gan “at Puzriš-Dagan” (Šulgi-a’ aġu), ša₃ Nibru^{ki} “at Nippur” (Šulgi-a’ aġu, Turam-Dagan), ša₃ Unu^{ki}-ga “at Uruk” (Lu-diġira-IS), ša₃ Tum-ma-al^(ki) “at Tummal” (En-diġirġu), ša₃ ki-sa₂-a “at the *kisa’ a*-office”²⁶⁶⁴ (Šulgi-a’ aġu), which indicates the site; ša₃ libir “among the old (animals)” (Uta-mišaram, Turam-Dagan), ša₃ u₃-tu-da

²⁶⁶⁴ For the clause ša₃ ki-sa₂-a, see Foster and van de Mierop 1983: 50-51.

“among the new-born (animals)” (Uta-mišaram, Turam-Dagan), which indicates the age of animals; as well as ša₃ dah-hu “among the residue” (Uta-mišaram) and ša₃ dag-si “among the saddle hook” (Turam-Dagan). Furthermore, most frequently, one ġiri₃-official was attested in the expenditures of dead animals received by Šulgi-iriġu from Uta-mišaram or Turam-Dagan. In the bureau of Uta-mišaram, the ġiri₃-official was one of the six individuals: Dan-Šulgi, Duga the cook, Epiri, Puzur-Enlil, Puzur-Eštar and Šulgi-mišar. And in the bureau of Turam-Dagan, the ġiri₃-official was either Itua the equestrian or Niġ-mumukalle the equestrian.

18.3 Written documentations

The administrative documents issued by the Puzriš-Dagan organization dating to the reign of Amar-Suen primarily used five types of text formulae: ba-zi formulary (bazi), i₃-dab₅ formulary (idab), mu-DU formulary (mudu), šu ba-ti formulary (sbt) and u₃-tu-da formulary (utuda). Their basic patterns are as follows (see Table 18.7):

Table 18.7 Basic pattern of five types of transaction

Type:	Formula:	Content:
Type bazi	S D ki PN-ta ba-zi	“animals for destinations, from PN, disbursed”
Type idab	S ki PN1-ta PN2 i ₃ -dab ₅	“animals from PN1, PN2 took in charge”
Type mudu	S PN1 mu-DU PN2 i ₃ -dab ₅	“animals of PN1, delivery, PN2 received”
Type sbt	S ba-uš ₂ /ug ₇ ki PN1-ta PN2 šu ba-ti	“dead animals from PN1, PN2 received”
Type utuda	S u ₃ -tu-da ki PN or PN i ₃ -dab ₅	“animals, new-born, (to) PN / PN received”

On the basis of these five types of patterns, there are a large number of formulae and variants attested in records issued by different bureaus of the Puzriš-Dagan organization. On the one hand, the administrative documents issued by a number of bureaus used the same formula; on the other hand, for many kinds of formulae, each of them was attested in the records issued by only one bureau. The question then is: which formulae are attested in which texts issued by which bureaus? The statistical analysis of the types of formulae attested in the administrative

documents issued by their corresponding bureaus is given as follows.

18.3.1 The ba-zi formulary

There are as many as 411 types of formulae in total attested in the administrative documents involving the disbursements (ba-zi) of animals by the bureaus of the Puzriš-Dagan organization during the reign of Amar-Suen, on the basis of different types of purposes or destinations: for cultic purposes (bazi A1-A153), for members of the royal household (bazi B1-B42), for individuals (bazi C1-C72), for the E'uzga (bazi D1-D12), for the "kitchen" (bazi E1-B68), for the storehouse (bazi F1-F8), for the village (bazi G1-G7), for feeding dogs (bazi H1-H16), and for other purposes (bazi K1-K33).

The following chart is the statistical analysis of the distribution of formulae attested in records issued by bureaus (see Table 18.8).

Table 18.8 Distribution of the formulae (ba-zi) attested in different bureaus

Bureau	Formulae (bazi)
Nasa: (22)	A5-A7, A9, A20-A21, A31-A34, B4, B9, B18, C7-C8, D2-D3, E1, E10-E11, F1, H4
Aba-saga: (118)	A1-A30, B1-B17, C1-C28, D1-D7, E1-E9, F1-F5, G1-G6, H1-H6, K1-K10
Lugal-amarku: (18)	A6, A11, A35-A36, B12, B16, B19, C3-C4, C11-C12, D2, D5, F6-F7, H7, K11-K12
Intaea1: (38)	A34, A37, B1, B9, B20, C7, C29-C39, E1-E2, E5, E12-E24, F1, H4, H8-H9, K2
Intaea2: (8)	A16-A17, A38, D2-D3, D5, F1, K13
Duga: (42)	A39-A42, B21-B23, C25, C40-C45, D8, E1-E2, E6, E11, E13, E19, E25-E42, F1, F8, H10
Ahuni: (18)	A43-A52, C7, C46-C49, E6, E16, E43-E44
Šulgi-a'aġu: (68)	A42, A45, A53-A68, A70-A79, B9, B20, B24-B34, C7-C8, C37, C40-C41, C49-C56, D9-D10, E6, E21, E29, E45-E49, K2, K5, K14-K15
Šu-Mama: (18)	A42, A45, A56, A80-A82, B22, B35, C37, C49, C57, E6, E36, E46, E50-E53
Zubaga: (21)	A21, A42, A56-A57, A59, A83-A87, B1, C7, C37, C58, E33, E36, E46, E54-E56, K16
Lu-diġira-IS: (16)	A42, A45, A88, B24, C7, C41, C59-C60, E6, E46, E56-E58, H11, K5, K17
Ahu-Wer: (22)	A71, A89-A94, B1, B34, B36, C7, C15, C37, C61-C62, E6, E59-E62, K18-K19
Igi-Enlilše: (8)	A85, B23, C37, C63, E52, E63, K20-K21
Uta-mišaram: (16)	A39, A42, A95-A99, C7-C8, D11, E1, E51, K8, K15, K22-K23
Turam-Dagan: (2)	E1, K8
Tah(i)š-atal: (3)	A100, C7, D12
En-diġirġu: (23)	A34, A43, A48, A101-A108, B37-B38, C8, C37, C61, C64-C65, E35, E64-E66, H4
Enlila: (8)	A1, C1, C66-C67, E1, E13, E19, E27
Lu-diġira-Ah: (20)	A16, A43, A95, A108-A113, B34, B39, C7, D3, E6, E36, E46, E51, E67, F1, H9

Bureau	Formulae (bazi)
Lu-saga: (12)	A114-A123, E12, K24
Nalu: (48)	A42-A43, A53, A57, A59, A64, A77, A114, A117, A124-A146, B40, C7, C34, C37, C41, C68, D3, E5-E6, E33, E36, E44, E68, G7, H12, K6
Nur-Suen: (2)	H2, K4
Šu-Erra: (7)	A147, C8, H2, H9-H10, H13-H14
Šu-Idim: (7)	A148, C7, C69-C70, H15-H16, K25
Ur-kununa: (17)	A34, A149, B1, B41-B42, C66, C71, E1, E12, H4, K2, K26-K31
Ur-šugalama: (14)	A15, A39, A150-A154, C7, C41, C72, E46, K8, K32-K33
Ur-tur: (4)	A15, A127, E1, E35

This chart illustrates that there are as many as 320 types of formulae, each of which is attested in a single bureau²⁶⁶⁵, which accounts for 78% of all ba-zi formulae (411). Furthermore, for each subtype of formulae (bazi A, bazi B, bazi C, bazi D, bazi E, bazi F, bazi H, bazi K), the formulae which are attested in the most bureaus are: bazi A42²⁶⁶⁶, bazi B1²⁶⁶⁷, bazi C7²⁶⁶⁸, bazi D3²⁶⁶⁹, bazi E6²⁶⁷⁰, bazi F1²⁶⁷¹, bazi H4²⁶⁷², and bazi K2²⁶⁷³. Note that each subtype of the

²⁶⁶⁵ **Aba-saga:** bazi A2, bazi A3, bazi A4, bazi A8, bazi A10, bazi A12, bazi A13, bazi A14, bazi A18, bazi A19, bazi A22, bazi A23, bazi A24, bazi A25, bazi A26, bazi A27, bazi A28, bazi A29, bazi A30, bazi B2, bazi B3, bazi B5, bazi B6, bazi B7, bazi B8, bazi B10, bazi B11, bazi B13, bazi B14, bazi B15, bazi B17, bazi C2, bazi C5, bazi C6, bazi C9, bazi C10, bazi C13, bazi C14, bazi C16, bazi C17, bazi C18, bazi C19, bazi C20, bazi C21, bazi C22, bazi C23, bazi C24, bazi C26, bazi C27, bazi C28, bazi D1, bazi D4, bazi D6, bazi D7, bazi E3, bazi E4, bazi E7, bazi E8, bazi E9, bazi F2, bazi F3, bazi F4, bazi F5, bazi G1, bazi G2, bazi G3, bazi G4, bazi G5, bazi G6, bazi H1, bazi H3, bazi H5, bazi H6, bazi K1, bazi K3, bazi K7, bazi K9, bazi K10. **Nasa:** bazi A31, bazi A32, bazi A33, bazi B18, bazi E10. **Lugal-amarku:** bazi A35, bazi A36, bazi B19, bazi F6, bazi F7, bazi H7, bazi K11, bazi K12. **Intaea1:** bazi A37, bazi C29, bazi C30, bazi C31, bazi C32, bazi C33, bazi C35, bazi C36, bazi C38, bazi C39, bazi E14, bazi E15, bazi E17, bazi E18, bazi E20, bazi E22, bazi E23, bazi E24, bazi H8. **Intaea2:** bazi A38, bazi K13. **Duga:** bazi A40, bazi A41, bazi B21, bazi C42, bazi C43, bazi C44, bazi C45, bazi D8, bazi E25, bazi E26, bazi E28, bazi E30, bazi E31, bazi E32, bazi E34, bazi E37, bazi E38, bazi E39, bazi E40, bazi E41, bazi E42, bazi F8. **Ahuni:** bazi A44, bazi A46, bazi A47, bazi A49, bazi A50, bazi A51, bazi A52, bazi C46, bazi C47, bazi C48, bazi E43. **Šulgi-a'āgu:** bazi A54, bazi A55, bazi A58, bazi A60, bazi A61, bazi A62, bazi A63, bazi A65, bazi A66, bazi A67, bazi A68, bazi A70, bazi A72, bazi A73, bazi A74, bazi A75, bazi A76, bazi A78, bazi A79, bazi B25, bazi B26, bazi B27, bazi B28, bazi B29, bazi B30, bazi B31, bazi B32, bazi B33, bazi C50, bazi C51, bazi C52, bazi C53, bazi C54, bazi C55, bazi C56, bazi D9, bazi D10, bazi E45, bazi E47, bazi E48, bazi E49, bazi K14. **Šu-Mama:** bazi A80, bazi A81, bazi A82, bazi B35, bazi C57, bazi E50, bazi E53. **Zubaga:** bazi A83, bazi A84, bazi A86, bazi A87, bazi C58, bazi E54, bazi E55, bazi K16. **Lu-diğira-IS:** bazi A88, bazi C59, bazi C60, bazi E57, bazi E58, bazi H11, bazi K17. **Ahu-Wer:** bazi A89, bazi A90, bazi A91, bazi A92, bazi A93, bazi A94, bazi B36, bazi C62, bazi E59, bazi E60, bazi E61, bazi E62, bazi K18, bazi K19. **Igi-Enlilše:** bazi C63, bazi E63, bazi K20, bazi K21. **Uta-mišaram:** bazi A96, bazi A97, bazi A98, bazi A99, bazi D11, bazi K22, bazi K23. **Tah(i)š-atal:** bazi A100, bazi D12. **En-diğirgu:** bazi A101, bazi A102, bazi A103, bazi A104, bazi A105, bazi A106, bazi A107, bazi B37, bazi B38, bazi C64, bazi C65, bazi E64, bazi E65, bazi E66. **Enlila:** bazi C67. **Lu-diğira-Ah:** bazi A109, bazi A110, bazi A111, bazi A112, bazi A113, bazi B39, bazi E67. **Lu-saga:** bazi A115, bazi A116, bazi A118, bazi A119, bazi A120, bazi A121, bazi A122, bazi A123, bazi K24. **Nalu:** bazi A124, bazi A125, bazi A126, bazi A128, bazi A129, bazi A130, bazi A131, bazi A132, bazi A133, bazi A134, bazi A135, bazi A136, bazi A137, bazi A138, bazi A139, bazi A140, bazi A141, bazi A142, bazi A143, bazi A144, bazi A145, bazi A146, bazi B40, bazi C68, bazi E68, bazi G7, bazi H12. **Šu-Erra:** bazi A147, bazi H13, bazi H14. **Šu-Idim:** bazi A148, bazi C69, bazi C70, bazi H15, bazi H16, bazi K25. **Ur-kununa:** bazi A149, bazi B41, bazi B42, bazi C71, bazi K26, bazi K27, bazi K28, bazi K29, bazi K30, bazi K31. **Ur-šugalama:** bazi A150, bazi A151, bazi A152, bazi A153, bazi C72, bazi K32, bazi K33.

²⁶⁶⁶ This formula is attested in records issued by Duga, Šulgi-a'āgu, Šu-Mama, Zubaga, Lu-diğira-IS, Uta-mišaram, Nalu.

²⁶⁶⁷ This formula is attested in records issued by Aba-saga, Intaea, Zubaga, Ahu-Wer, Ur-kununa.

²⁶⁶⁸ This formula is attested in records issued by Aba-saga, Nasa, Intaea, Ahuni, Šulgi-a'āgu, Zubaga, Lu-diğira-IS, Ahu-Wer, Uta-mišaram, Tah(i)š-atal, Lu-diğira-Ah, Nalu, Šu-Idim, Ur-šugalama.

²⁶⁶⁹ This formula is attested in records issued by Aba-saga, Nasa, Intaea2, Lu-diğira-Ah, Nalu.

formulae (bazi G) is attested in records issued by a single bureau.

18.3.2 The i_3 -dab₅ formulary

There are 197 types of formulae attested in the administrative documents involving the transfers (i_3 -dab₅) of animals from one bureau to the other bureaus of the Puzriš-Dagan organization and to other individuals during the reign of Amar-Suen. The following chart is a statistical analysis examining the distribution of the bureaus which used these formulae (see Table 18.9).

Table 18.9 Distribution of the formulae (i_3 -dab₅) attested in different bureaus

Bureau	Formula (i_3 -dab ₅)
Nasa: (9)	idab001, idab005, idab009, idab011, idab131-135
Aba-saga: (130)	idab001-130
Lugal-amarku: (7)	idab001-002, idab020, idab037, idab059, idab069, idab136
Intaea1: (21)	idab001-003, idab027, idab036, idab040, idab137-151
Intaea2: (3)	idab002, idab005, idab152
Duga: (6)	idab002, idab041, idab153-156
Ahuni: (1)	idab157
Šulgi-a'āgu: (7)	idab001, idab019, idab158-162
Šu-Mama: (5)	idab001-002, idab071, idab163-164
Zubaga: (2)	idab002, idab063
Lu-diġira-IS: (2)	idab002, idab046
Ahu-Wer: (7)	idab002-003, idab041, idab060, idab144, idab165-166
Uta-mišaram: (6)	idab001, idab041, idab167-170
Tah(i)š-atal: (1)	idab171
En-diġirġu: (7)	idab001-002, idab031, idab041, idab167, idab172-173
Enlila: (6)	idab001-002, idab174-177
Lu-diġira-Ah: (5)	idab002-003, idab052, idab178-179
Nalu: (13)	idab002, idab005, idab040, idab049, idab129, idab180-187
Nur-Suen: (1)	idab068
Šu-Erra: (2)	idab188-189
Ur-kununa: (5)	idab002, idab022, idab150, idab190-191
Ur-šugalama: (7)	idab001-002, idab019, idab064, idab192-194
Ur-tur: (5)	idab001, idab040, idab195-197

This chart illustrates that there are as many as 169 types of formulae, each of which is

²⁶⁷⁰ This formula is attested in records issued by Aba-saga, Duga, Ahuni, Šulgi-a'āgu, Šu-Mama, Lu-diġira-IS, Ahu-Wer, Lu-diġira-Ah, Nalu.

²⁶⁷¹ This formula is attested in records issued by Aba-saga, Nasa, Intaea, Intaea2, Duga, Lu-diġira-Ah.

²⁶⁷² This formula is attested in records issued by Aba-saga, Nasa, Intaea, En-diġirġu, Ur-kununa.

²⁶⁷³ This formula is attested in records issued by Aba-saga, Intaea, Šulgi-a'āgu, Ur-kununa. Also bazi K8 is attested in records issued by Aba-saga, Uta-mišaram, Turam-Dagan, Ur-šugalama.

attested in a single bureau²⁶⁷⁴, which accounts for 86% of all formulae (197). Furthermore, the formulae idab002 is used in the most bureaus²⁶⁷⁵, followed by the formula idab001²⁶⁷⁶, idab003²⁶⁷⁷ and idab041²⁶⁷⁸. It should be notable that the formula idab001 is attested in 1,922 extant administrative documents issued by Puzriš-Dagan dating to Amar-Suen's regnal years, which accounts for approximately 67% of all of the extant administrative documents dealing with the transfers (i₃-dab₅) of animals issued by Puzriš-Dagan dating to Amar-Suen's regnal years (2,866), although the formula idab001 is not the formula which is attested in the most bureaus.

18.3.3 The mu-DU formulary

There are 81 types of formulae attested in the administrative documents from Puzriš-Dagan dealing with the receipts of the individual deliveries of animals during the reign of Amar-Suen. The following chart is a statistical analysis examining the number of bureaus that these formulae are used in (see Table 18.10).

Table 18.10 Distribution of the formulae (mu-DU) attested in different bureaus

Bureau	Formula (mu-DU)
Nasa	muDU A, muDU A12, muDU B20-B21
Aba-saga: (55)	muDU A, muDU A1-A8, muDU B1-B17, muDU C1-C19, muDU D, muDU D1-D9
Lugal-amarku	muDU A, muDU A1, muDU A9
Intaea2	muDU A, muDU A1, muDU A10-A11, muDU B15, muDU B18
Duga	muDU B8, muDU B25
Ahuni	muDU C24-C26, muDU D10
Šulgi-a'aĝu	muDU A13

²⁶⁷⁴ **Aba-saga:** idab004, idab006, idab007, idab008, idab012, idab013, idab014, idab015, idab016, idab017, idab018, idab021, idab023, idab024, idab025, idab026, idab027, idab028, idab029, idab030, idab032, idab033, idab034, idab035, idab036, idab038, idab039, idab042, idab043, idab044, idab045, idab047, idab048, idab050, idab051, idab053, idab054, idab055, idab056, idab057, idab058, idab061, idab062, idab065, idab066, idab067, idab070, idab072, idab073, idab074, idab075, idab076, idab077, idab078, idab079, idab080, idab081, idab082, idab083, idab084, idab085, idab086, idab087, idab088, idab089, idab090, idab091, idab092, idab093, idab094, idab095, idab096, idab097, idab098, idab099, idab100, idab101, idab102, idab103, idab104, idab105, idab106, idab107, idab108, idab109, idab110, idab111, idab112, idab113, idab114, idab115, idab116, idab117, idab118, idab119, idab120, idab121, idab122, idab123, idab124, idab125, idab126, idab127, idab128, idab130. **Nasa:** idab131, idab132, idab133, idab134, idab135. **Lugal-amarku:** idab136. **Intaea1:** idab137, idab138, idab139, idab140, idab141, idab142, idab143, idab145, idab146, idab147, idab148, idab149, idab151. **Intaea2:** idab152. **Duga:** idab153, idab154, idab155, idab156. **Ahuni:** idab157. **Šulgi-a'aĝu:** idab158, idab159, idab160, idab161, idab162. **Šu-Mama:** idab163, idab164. **Ahu-Wer:** idab165, idab166. **Uta-mišaram:** idab168, idab169, idab170. **Tah(i)š-atal:** idab171. **En-diĝirĝu:** idab172, idab173. **Enlila:** idab174, idab175, idab176, idab177. **Lu-diĝira-Ah:** idab178, idab179. **Nalu:** idab180, idab181, idab182, idab183, idab184, idab185, idab186, idab187. **Šu-Erra:** idab188, idab189. **Ur-kununa:** idab190, idab191. **Ur-šugalama:** idab192, idab193, idab194. **Ur-tur:** idab195, idab196, idab197.

²⁶⁷⁵ This formula is attested in 14 bureaus: Aba-saga, Lugal-amarku, Intaea1, Duga, Šu-Mama, Zubaga, Lu-diĝira-IS, Ahu-Wer, En-diĝirĝu, Enlila, Lu-diĝira-Ah, Nalu, Ur-kununa, Ur-šugalama.

²⁶⁷⁶ This formula is attested in 11 bureaus: Aba-saga, Nasa, Lugal-amarku, Intaea1, Šulgi-a'aĝu, Šu-Mama, Uta-mišaram, En-diĝirĝu, Enlila, Ur-šugalama, Ur-tur.

²⁶⁷⁷ This formula is attested in five bureaus: Aba-saga, Intaea1, Intaea2, Ahu-Wer, Lu-diĝira-Ah.

²⁶⁷⁸ This formula is attested in five bureaus: Aba-saga, Duga, Ahu-Wer, Uta-mišaram, En-diĝirĝu.

Bureau	Formula (mu-DU)
Enlila	muDU B1, muDU B22-B24, muDU C20-C23
Ur-kununa	muDU C27-C31

This chart illustrates that there are 75 types of formulae, each of which is attested in a single bureau²⁶⁷⁹, which accounts for 94% of all formulae (80). Furthermore, the formulae muDU B1 (Aba-saga, Enlila), muDU B8 (Aba-saga, Duga) and muDU B15 (Aba-saga, Intaea2) are used in two bureaus. The formula muDU A1 is utilized in three bureaus (Aba-saga, Lugal-amarku, Intaea2), and the formula muDU A is utilized in four bureaus (Aba-saga, Nasa, Lugal-amarku, Intaea2). It has been noted that the individuals who delivered (mu-DU) animals (formulated with muDU A or muDU D) are exclusively attested in the texts issued by four “central bureau” officials: Nasa, Aba-saga, Lugal-amarku and Intaea (when he was the principal official of the “central bureau”), with two exceptions²⁶⁸⁰.

18.3.4 The šu ba-ti formulary

There are 35 types of formulae attested in the administrative documents from Puzriš-Dagan dealing with the transactions of dead animals (šu ba-ti) during the reign of Amar-Suen. The following chart is a statistical analysis examining the distribution of the number of bureaus which used these formulae (see Table 18.11).

Table 18.11 Distribution of the formulae (šu ba-ti) attested in different bureaus

Bureau	Formula (šu ba-ti)
Ahuni: (2)	sbt001, sbt002
Šulgi-a’āgu: (3)	sbt001, sbt002, sbt003
Šu-Mama: (2)	sbt001, sbt004
Zubaga: (1)	sbt001
Lu-diġira-IS: (3)	sbt001, sbt005, sbt006
Ahu-Wer: (2)	sbt001, sbt004
Igi-Enlilše: (1)	sbt001
Uta-mišaram: (12)	sbt001, sbt005, sbt007-016
Turam-Dagan: (19)	sbt001, sbt010, sbt011, sbt014, sbt017-031
Tah(i)š-atal: (1)	sbt001

²⁶⁷⁹ **Aba-saga:** muDU A2, muDU A3, muDU A4, muDU A5, muDU A6, muDU A7, muDU A8, muDU B2, muDU B3, muDU B4, muDU B5, muDU B6, muDU B7, muDU B9, muDU B10, muDU B11, muDU B12, muDU B13, muDU B14, muDU B16, muDU B17, muDU C1, muDU C2, muDU C3, muDU C4, muDU C5, muDU C6, muDU C7, muDU C8, muDU C9, muDU C10, muDU C11, muDU C12, muDU C13, muDU C14, muDU C15, muDU C16, muDU C17, muDU C18, muDU C19, muDU D, muDU D1, muDU D2, muDU D3, muDU D4, muDU D5, muDU D6, muDU D7, muDU D8, muDU D9. **Lugal-amarku:** muDU A9. **Intaea2:** muDU A10, muDU A11, muDU B18. **Nasa:** muDU A12, muDU A19, muDU B20, muDU B21. **Duga:** muDU B25. **Šulgi-a’āgu:** muDU A13. **Enlila:** muDU B22, muDU B23, muDU B24, muDU C20, muDU C21, muDU C22, muDU C23. **Ahuni:** muDU C24, muDU C25, muDU C26, muDU D10. **Ur-kununa:** muDU C27, muDU C28, muDU C29, muDU C30, muDU C31

²⁶⁸⁰ CST 227 (AS 1 iv, the bureau of Ahuni, muDU D10); BIN 3 374 (AS 2 iii 3, the bureau of Šulgi-a’āgu, muDU A13). The both formulae are designated with mu-DU ^dšul-gi-ra “delivery for Šulgi”, not mu-DU “delivery”.

Bureau	Formula (šu ba-ti)
En-diġirġu: (4)	sbt001, sbt006, sbt032, sbt033
Lu-diġira-Ah: (1)	sbt001
Nalu: (1)	sbt001
Šu-Erra: (1)	sbt001
Šu-Idim: (3)	sbt001, sbt004, sbt034
Ur-tur: (2)	sbt001, sbt035

This chart illustrates that the šu ba-ti formulary is exclusively attested in the records issued by the subordinate bureaus, not by the “central bureau”. There are 27 types of formulae, each of which is attested in a single bureau²⁶⁸¹, which accounts for 77% of all šu ba-ti formulae (35). Furthermore, the formula sbt001 is attested in all 16 bureaus. It is also attested in 838 extant administrative documents from Puzriš-Dagan during the reign of Amar-Suen, which accounts for approximately 70% of all extant administrative documents from Puzriš-Dagan dealing with the transactions of dead animals received (šu ba-ti) by Ur-niġar/Šulgi-iriġu dating to Amar-Suen’s reign (1,193). Note that the formulae utilized in the bureaus of Uta-mišaram and Turam-Dagan variously occur with additional components (see 18.2.4).

18.3.5 The u₃-tu-da formulary

There are 14 types of formulae attested in the administrative documents from Puzriš-Dagan dealing with the new-born animals (u₃-tu-da) during the reign of Amar-Suen. The following chart is a statistical analysis examining the distribution of the bureaus which used these formulae (see Table 18.12).

Table 18.12 Distribution of the formulae (u₃-tu-da) attested in different bureaus

Bureau	u₃-tu-da
Ahuni	utuda001, utuda002, utuda003
Šulgi-a’aġu	utuda002, utuda003
Lu-diġira-IS	utuda004, utuda005
Ahu-Wer	utuda005
Turam-Dagan	utuda006
En-diġirġu	utuda007, utuda008, utuda009
Nalu	utuda012, utuda013
Šu-Erra	utuda014
Ur-tur	utuda010
Ur-Dumuzida	utuda011

This chart illustrates that there are 11 types of formulae, each of which is attested in a single

²⁶⁸¹ **Šulgi-a’aġu:** sbt003. **Uta-mišaram:** sbt007, sbt008, sbt009, sbt012, sbt013, sbt015, sbt016. **Turam-Dagan:** sbt017, sbt018, sbt019, sbt020, sbt021, sbt022, sbt023, sbt024, sbt025, sbt026, sbt027, sbt028, sbt029, sbt030, sbt031. **En-diġirġu:** sbt032, sbt033. **Šu-Idim:** sbt034. **Ur-tur:** sbt035.

bureau²⁶⁸², which accounts for 79% of all u₃-tu-da formulae (14). Furthermore, these formulae are attested in comparatively few bureaus, namely four bureaus of the naGaBtum branch (Ahuni, Šulgi-a'aĝu, Lu-diĝira-IS and Ahu-Wer) and the bureaus of Turam-Dagan, En-diĝirĝu, Enlila, Šu-Erra, Ur-tur and Ur-Dumuzida. Note that only two types of formulae contain the term ki PN “to PN’s place”, which are utilized in the bureaus of Ahuni or Lu-diĝira-IS, whereas others contain the term PN i₃-dab₅ “PN took over”, following the term u₃-tu-da “new-born”.

18.3.6 Comparison and contrast among similar formulae

18.3.6.1 Four types of receivers/transfersors (i₃-dab₅, šu ba-ti)

In the following four different types of formulae, the individual PN2 is identified with the receiver/transferor of animals from the individual PN1.

Type I:	Type II:	Type III:	Type IV:
S	S	S	S
ki PN1-ta	PN2 i ₃ -dab ₅	PN2 šu ba-ti	PN2
PN2 i ₃ -dab ₅	ki PN1-ta ba-zi	ki PN1-ta ba-zi	ki PN1-ta ba-zi
“animals, from PN1, PN2 received”	“animals, PN2 received, from PN1 were disbursed”	“animals, PN2 accepted, from PN1 were disbursed”	“animals for PN2, from PN1 were disbursed”

In Type I, PN2 is identified as the transferor (if he/she is the official of the Puzriš-Dagan organization), or as the receiver (if he/she is not the official of the Puzriš-Dagan organization) of animals from PN1 (generally a bureau). This type of formula is the i₃-dab₅ formula. However, the last three types of formulae (Type II, Type III, Type IV) are ba-zi formulae. It appears that Type II has similar administrative significance with Type I, however, the difference of the administrative significance of PN2 of Type I and that of Type II is unclear. Furthermore, the similarity between Type II and Type IV is that they are both ba-zi formulae. The difference between the two is that PN2 in Type IV is identified as the beneficiary of animals, while PN2 in Type II is identified as the receiver (if he/she is not the official of the Puzriš-Dagan organization), or as the transferor (if he/she is the official of the Puzriš-Dagan organization) of animals.

It is important to note that the type of formula Type II is not attested in the texts issued by the “central bureau” officials, with the exception of Intaea when he was identified as the associate official of the “central bureau”. However, this type of formula (Type II) is frequently attested in the texts issued by the subordinate bureaus. In addition, the formula Type I is frequently attested in the texts issued by the “central bureau” officials, but it is rarely attested in the texts issued by the subordinate bureaus. On this point, it is possible to conclude that the transfers of animals from the “central bureau” to the subordinate bureaus are inclined to utilize

²⁶⁸² **Ahuni:** utuda001. **Lu-diĝira-IS:** utuda004. **Turam-Dagan:** utuda006. **En-diĝirĝu:** utuda007, utuda008, utuda009. **Ur-tur:** utuda010. **Ur-Dumuzida:** utuda011.

the formula Type I; whereas the transfers of animals from one subordinate bureau to other subordinate bureaus tend to use the formula Type II.

What is more, the formula Type III is mostly attested in the texts issued by the “central bureau” officials, mainly for the purpose of feeding dogs.

18.3.6.2 Two types of formulae with the terms both i_3 -dab₅ and mu-DU

The following two types of formulae (idab010, mudu B) are both designated with the terms both i_3 -dab₅ “transfer/receive” and mu-DU “delivery”. But their administrative significances are completely different. The formula idab010 is identified with the i_3 -dab₅ formulary, while the formula mudu B belongs to the mu-DU formulary.

idab010:	mudu B:
S	S
mu-DU	ki PN1-ta
ki PN1-ta	mu-DU
PN2 i_3 -dab ₅	PN2 i_3 -dab ₅

Of the formula idab010, PN1 refers to Nasa²⁶⁸³ or Aba-saga²⁶⁸⁴, the principal official of the “central bureau”, while PN2 refers to the official of subordinate bureaus of the Puzriš-Dagan organization (Ahuni, Šulgi-a’âgu, Lu-diġira-IS, Uta-mišaram, Turam-Dagan, Enlila, Lu-diġira-Ah, Nalu, Šu-Idim), or to Intaea when he was the associate official of the “central bureau”.

In addition, in a variant of the formula idab010, in which the designation is not mu-DU “delivery” but mu-DU lugal “royal delivery”, the PN1 refers to Nasa²⁶⁸⁵, Aba-saga²⁶⁸⁶ and

²⁶⁸³ ki Na-sa₆-ta: MVN 8 20 (AS 1 ii 20, Lu₂-diġir-ra (IS) i_3 -dab₅); Erm 14832 (AS 1 ii 19-22, Na-lu₅ i_3 -dab₅); AUCT 1 817 (AS 1 ii 29, A-hu-ni i_3 -dab₅); AnOr 1 10 (AS 1 iii, ^dEn-lil₂-la₂ i_3 -dab₅); BIN 3 420 (AS 1 iii 19-29, A-hu-ni i_3 -dab₅); PDT 1 725 (AS 1 vi 29, Šu-^dIdim i_3 -dab₅).

²⁶⁸⁴ ki Ab-ba-sa₆-ga-ta: AUCT 1 14 (AS 1 x 1, Na-lu₅ i_3 -dab₅); BIN 3 57 (AS 2 ii 23, Na-lu₅ i_3 -dab₅); Hirose 115 = Santag 7 157 = AAICAB 1/4 TCICA 15 (AS 2 v 22, ^dŠul-gi-a-a-ġu₁₀ i_3 -dab₅); Ontario 1 100 (AS 2 ix 16, ^dŠul-gi-a-a-ġu₁₀ i_3 -dab₅); BPOA 7 3017 (AS 3 x 18, In-ta-e₃-a i_3 -dab₅); AUCT 2 64 (AS 4 i 27, In-ta-e₃-a i_3 -dab₅); BPOA 7 2645 (AS 5 iii 2, Tu-ra-am-^dDa-gan i_3 -dab₅); JCS 23 113 24 (AS 5 iii 2, U₂-ta₂-mi-[šar]-ru-um i_3 -dab₅).

²⁶⁸⁵ ki Na-sa₆-ta: AUCT 2 291 (AS 1 v, E₂-a- i_3 -li₂ i_3 -dab₅).

²⁶⁸⁶ ki Ab-ba-sa₆-ga-ta: TCL 2 5494 (AS 1 viii, Ha-ba-lu₅-ge₂ ensi₂ Adab^{ki} i_3 -dab₅); SAKF 46 (AS 1 viii, Lu₂-^dNanna šabra ^dNin-sun₂ i_3 -dab₅); TSU 63 (AS 1 viii, Nam-zi-tar-ra ensi₂ Gu₂-du₈-a^{ki} i_3 -dab₅); AUCT 1 927 (AS 1 viii, Ur-^dEN.ZU ensi₂ Urum^{ki} i_3 -dab₅); MVN 8 28 (AS 1 x, PU₃.ŠA-Er₃-ra [saġġa] ^dUtu i_3 -dab₅); MVN 8 29 (AS 1 x, Šeš-zi-mu šabra ^dNin-gublaga i_3 -dab₅); MVN 8 31 (AS 1 xi, Ar-ši-ah ensi₂ Babilim^{ki} i_3 -dab₅); Erm 07426 (AS 1 xii, Ar-ši-ah ensi₂ Babilim^{ki} i_3 -dab₅); KM 89159 (AS 2 iii, Lu₂-diġir-ra (IS) i_3 -dab₅); TRU 98 (AS 2 iii 11, ^dŠul-gi-a-a-ġu₁₀ i_3 -dab₅); UDT 117 (AS 2 iii 19, Lu₂-diġir-ra (IS) i_3 -dab₅); AUCT 1 620 (AS 2 iii 19, ^dŠul-gi-a-a-ġu₁₀ i_3 -dab₅); SACT 1 53 (AS 2 iii 20, Na-lu₅ i_3 -dab₅); SACT 1 54 (AS 2 iv 11, Na-lu₅ i_3 -dab₅); PDT 2 1125 (AS 2 iv 16, ^dŠul-gi-a-a-ġu₁₀ i_3 -dab₅); ASJ 7 171 TRU 99 (AS 2 iv 17, ^dŠul-gi-a-a-ġu₁₀ i_3 -dab₅); BIN 3 38 (AS 2 iv 18, Lu₂-diġir-ra (IS) i_3 -dab₅); AUCT 2 48 (AS 2 iv 21, Na-lu₅ i_3 -dab₅); AUCT 1 576 (AS 2 iv 24, Lu₂-diġir-ra (IS) i_3 -dab₅); Rocznik Toruniu 9 71 3 (AS 2 iv 29, Lu₂-diġir-ra dumu Arad₂-hul₃-<a> i_3 -dab₅); AUCT 1 174 (AS 2 iv 29, Na-lu₅ i_3 -dab₅); TCL 2 4683 (AS 2 iv 4-29, Na-lu₅ i_3 -dab₅); JANES 21 78 11 (AS 2 iv X, ^dŠul-gi-a-a-ġu₁₀ i_3 -dab₅); AAICAB 1/4 TCICA 13 (AS 2 v 3, Lu₂-diġir-ra (IS) i_3 -dab₅); AAICAB 1/4 TCICA 14 (AS 2 v 3, ^dŠul-gi-a-a-ġu₁₀ i_3 -dab₅); OIP 121 120 (AS 2 v 3, Šu-Er₃-ra i_3 -dab₅); BIN 3 39 (AS 2 v 7, Lu₂-diġir-ra (IS) i_3 -dab₅); PDT 2 871 (AS 2 v 24, ^dŠul-gi-a-a-ġu₁₀ i_3 -dab₅); AUCT 1 936 (AS 2 vi 3, Lu₂-diġir-ra (IS) i_3 -dab₅); Rochester 35 (AS 2 vi 8, Lu₂-diġir-ra (IS) i_3 -dab₅); OIP 121 123 (AS 2 vi 21, Na-lu₅ i_3 -dab₅); OrSP 47-49 66 (AS 2 vi 25, Na-lu₅ i_3 -dab₅); SAT 2 710 (AS 2 vii 7, Na-lu₅ i_3 -dab₅); AAICAB 1/3 pl 195 Bod A 62 (AS 2 vii 15, Na-lu₅ i_3 -dab₅); MVN 8 37 (AS 2 vii 17, I₃-lal₃-lum i_3 -dab₅); BIN 3 55 (AS 2 vii 18, Na-lu₅ i_3 -dab₅); AUCT 1 934 (AS 2 xii 10, Lu₂-diġir-ra (IS)? i_3 -dab₅); TCL 2 5617 (AS 3 xi, Ugula ensi₂ Kiš^{ki} i_3 -dab₅); CTMMA 1 16 (AS 4 iii, Lu₂-^dNanna šabra i_3 -dab₅); BIN 3 206 (AS 4 vi, Lu₂-^dNanna šabra i_3 -dab₅); SAT 2 784 (AS 4 viii, Ama-zi-mu šabra ^dInana i_3 -dab₅); BIN 3 84 (AS 4 viii, Arad₂-ġu₁₀

Intaea²⁶⁸⁷ (the principal officials of the “central bureau”), as well as Naram-ili²⁶⁸⁸ and Šarakam²⁶⁸⁹ (both identified as the directors of Puzriš-Dagan), while PN2 refers to either the officials of the subordinate bureaus of the Puzriš-Dagan organization or other individuals (mainly dignitaries, such as ensi₂ “governor” and šabra “temple perfect”).

Interestingly, concerning the formula mudu B, however, the reference is just the opposite, that is, PN1 refers to the individuals who are not the officials of the Puzriš-Dagan organization (mainly dignitaries, such as ensi₂ “governor”)²⁶⁹⁰; whereas PN2 refers to Nasa²⁶⁹¹, Aba-saga²⁶⁹²,

sukkal-mah i₃-dab₅); AUCT 2 273 (AS 4 viii, Gu₃-de₂-a ensi₂ Gu₂-du₈-a^{ki} i₃-dab₅); BIN 3 85 (AS 4 viii, Kal-la-a dumu? x-mah i₃-dab₅); OrSP 47-49 78 (AS 4 viii, Li-ša-num₂ ensi₂ Mar₂-da^{ki} i₃-dab₅); AnOr 1 12 (AS 4 viii, ^dNanna-zi-ša₃-ġal₂ ensi₂ Ġir₂-su^{ki} i₃-dab₅); SAT 2 798 (AS 4 viii, PU₃.ŠA-Er₃-ra saġġa ^dUtu Larsa^{ki} i₃-dab₅); SAT 2 804 (AS 4 viii, Šeš-zi-mu [šabra] ^dNin-gublaga i₃-dab₅); TCL 2 5490 (AS 4 viii, U₂-gu-la ensi₂ Kiš^{ki} i₃-dab₅); MEM 2005 18 2 (AS 4 viii, Ur-mes ensi₂ Uru-saġ-rig^{ki} i₃-dab₅); AAICAB 1/2 pl 127 1971-283 (AS 4 viii, Ur-^dNin-kur-ra ensi₂ Šuruppag^{ki} i₃-dab₅); SAT 2 795 (AS 4 ix, Du-du šabra ^dNa-na-a i₃-dab₅); AUCT 2 150 (AS 4 ix, Lu₂-diġir-ra šabra i₃-dab₅); OrSP 47-49 81 (AS 4 ix, ^dNanna-ki-aġ₂ šabra ^dNanna i₃-dab₅); OrSP 47-49 80 (AS 4 ix, Šu-ti-ru-um ensi₂ A-pi₂-ak^{ki} i₃-dab₅); OrSP 47-49 79 (AS 4 ix, Ur-^dLi₉-si₄ ensi₂ Umma^{ki} i₃-dab₅); SAT 2 797 (AS 4 ix, Du-du šabra ^dNa-na-a i₃-dab₅); MVN 8 51 (AS 4 ix, Lu₂-^dNin-ġir₂-su šabra i₃-dab₅); MVN 8 50 (AS 4 ix, Ur-^dBa-u₂ šabra i₃-dab₅); MVN 9 219 (AS 4 ix, Ama-zi-mu šabra ^dInana i₃-dab₅); Mes 8-9 152 8 (AS 4 x, ^dNanna-zi-ša₃-ġal₂ ensi₂ Ġir₂-su^{ki} i₃-dab₅); MVN 11 203 (AS 4 x, Šeš-zi-mu šabra ^dNin-gublaga i₃-dab₅); BIN 3 95 (AS 4 xii, ^dNanna-ki-aġ₂ šabra ^dNanna i₃-dab₅); SAT 2 788 (AS 4 xii, ^dNanna-ki-aġ₂ šabra ^dNanna i₃-dab₅); JCS 52 38 27 (AS 6 x, [Šeš]-zi-mu šabra ^dNin-gublaga i₃-dab₅); Erm 14995 (AS 6 i-xii, U₂-ta₂-mi-šar-ra-am i₃-dab₅); AUCT 1 300 (AS 8 v, Arad₂-ġu₁₀ i₃-dab₅); UDT 113 (AS 8 v, Arad₂-ġu₁₀ i₃-dab₅); AUCT 2 297 (AS 8 viii, Ur-^dNin-kur-ra ensi₂ Šuruppag^{ki} i₃-dab₅); AUCT 2 370 (AS 8 ix, Arad₂-ġu₁₀ sukkal-mah i₃-dab₅); AUCT 1 249 (AS 8 ix, Ha-ba-lu₅-ge₂ ensi₂ Adab^{ki} i₃-dab₅); AUCT 3 281 (AS 8 ix, Lugal-ku₃-zu i₃-dab₅); TRU 37 (AS 8 viii-ix, Arad₂-ġu₁₀ ensi₂ Ġir₂-su^{ki} i₃-dab₅); YOS 15 174 (AS 8 x, MUR₇-te-li ensi₂ Babilim^{ki} i₃-dab₅); MVN 3 348 (AS 8 x, Lugal-ma₂-gur₈-re šabra i₃-dab₅).

²⁶⁸⁷ ki In-ta-e₃-a-ta: Erm 07914 (AS 6 viii, Ur-^dBa-u₂ i₃-dab₅).

²⁶⁸⁸ ki Na-ra-am-i₃-li₂-ta: AUCT 1 778 (AS 1 i, Šar-ru-um-i₃-li₂ i₃-dab₅); AUCT 1 604 (AS 1 iv, I₃-lal₃-lum i₃-dab₅); AUCT 1 853 (AS 1 iv, Lu₂-^dNanna šabra i₃-dab₅); AUCT 2 270 (AS 1 vi, Nam-zi-tar-ra ensi₂ Gu₂-du₈-a^{ki} i₃-dab₅); Nisaba 8 69 (AS 1 viii, Lugal-an-na-ab-DU i₃-dab₅); TSU 65 (AS 1 viii, Ur-^dLamma ensi₂ Ġir₂-su^{ki} i₃-dab₅); OIP 121 477 (AS 1 viii, zabar-dab₅ i₃-dab₅); ASJ 4 65 7 (AS 1 viii, Lugal-an-na-ab-DU i₃-dab₅); MVN 8 32 (AS 1 xi, Ur-^dLamma ensi₂ Ġir₂-su^{ki} i₃-dab₅); Erm 14788 (AS 1 xi, zabar-dab₅ ensi₂ Uru-saġ-rig^{ki} i₃-dab₅); MVN 15 17 (AS 1 xii, Lu₂-^dNanna šabra ^dNanna i₃-dab₅); AAICAB 1/3 pl 196 Bod A 68 (AS 2 viii, Ur-^dLamma ensi₂ Ġir₂-su^{ki} i₃-dab₅); TRU 88 (AS 2 ix, Lu₂-^dNanna šabra ^dNin-sun₂ i₃-dab₅, ġiri₃ Ab-ba-sa₆-ga); AUCT 2 265 (AS 2 ix 8, zabar-dab₅ i₃-dab₅); AUCT 2 87 (AS 2 x, Lu₂-^dNin-šubur šabra An-na i₃-dab₅, ġiri₃ Ab-ba-sa₆-ga); OIP 121 479 (AS 2 x, Ur-^dNin-gal šabra ^dNin-gal i₃-dab₅, ġiri₃ Ab-ba-sa₆-ga).

²⁶⁸⁹ ki ^dŠara₂-kam-ta: Nisaba 9 204 (AS 4 ix, Ur-^dLi₉-si₄ ensi₂ Umma^{ki} i₃-dab₅); MVN 13 518 (AS 4 x, Šu-zu i₃-dab₅).

²⁶⁹⁰ With the exceptions: ki Ab-ba-sa₆-ga-ta mu-DU Ab-ba-sa₆-ga i₃-dab₅: AUCT 3 382 (AS 5 vi, la₂-ia₃ su-ga); TRU 124 (AS 5 vi 10, la₂-ia₃ su-ga); JCS 24 88 64 (AS 6 iii, la₂-ia₃ su-ga). ki Ab-ba-sa₆-ga-ta mu-DU Šu-ku-bu-um i₃-dab₅: AUCT 3 418 (AS 5 vi).

²⁶⁹¹ Na-sa₆ i₃-dab₅: PDT 2 1215 (AS 1 iv 4, ki ^dŠul-gi-i₃-li₂ kurušda-ta); BIN 3 419 (AS 1 v, ki I₃-la-lum-ta); Studies Szarzynska 102 (AS 2 i 16, ki ensi₂ Umma^{ki}-ta, ġiri₃ A-hu-ni).

²⁶⁹² Ab-ba-sa₆-ga i₃-dab₅: OIP 121 74 (AS 1 viii, ki Lugal-me-[lam₂] kuš₇-ta); JCS 14 108 3 (AS 2 v 30, ki ensi₂ u₃ šabra-e-ne-ta); PDT 1 364 (AS 2 vi, ki I-su₂-a-ri₂-ik šabra-ta); TRU 120 (AS 2 viii, ki Bar-bar sipa šagan_x(AMA.GAN)-ta); JCS 52 36 17 (AS 2 viii 24, ki Gu₃-de₂-a ensi₂ Gu₂-du₈-a-ta); PDT 1 171 (AS 2 iii 30, ki šabra-ne-ta); AAICAB 1/1 Ashm 1910-738 (AS 3, ki sipa-e-ne-ta); PDT 1 211 (AS 4 ii 30, ki ^dŠul-gi-iri-ġu₁₀-ta, bala ^dNanna-zi-ša₃-ġal₂ ensi₂ Ġir₂-su^{ki}); AJSL 38 141 (AS 4 iv 29, ki ^dŠul-gi-iri-ġu₁₀-ta, bala Li-ša-num₂ ensi₂ Mar₂-da^{ki}); BIN 3 209 (AS 4 vi, ki Nu-i₃-da-ta); MVN 13 447 (AS 4 vii, ki Nu-i₃-da-ta); Princeton 1 44 (AS 4 ix 2, ki E₂-a-ra-bi₂ ensi₂ Kar₂-har^{ki}-ta); Syracuse 339 (AS 4 ix 30, ki ^dŠul-gi-iri-ġu₁₀-ta, bala [...]); BIN 3 110 (AS 5 i X, ki Še-lu-uš-^dDa-gan-ta); YOS 18 11 (AS 5 v 30, ki ^dŠul-gi-iri-ġu₁₀-ta); OIP 121 98 (AS 5 x 30, ki Ur-^dŠul-pa-e₃-ta); PDT 1 81 (AS 5 xi 22, ki Lu₂-diġir-ra-ta); BIN 3 277 (AS 6 ii 26, ki Še-lu-uš-^dDa-gan-ta); ArOr 25 562 25 (AS 7 iii 29, ki Ur-^dŠul-pa-e₃-ta); JCS 14 109 9 (AS 7 iv 30, ki ensi₂ u₃ šabra-ne-ta); Erm 14875 (AS 7 vi, ki Ur-^dBa-u₂ muhaldim-ta); AUCT 2 375 (AS 7 vii 30, ki ensi₂ u₃ šabra-e-ne-ta); Nik 2 488 (AS 8 viii 18, ki Ur-^dIg-alim kurušda-ta); SumRecDreh 19 (AS 8 ix 9, ki Ur-^dIg-alim kurušda-ta); TRU 126 (AS 8 ix 18, ki Ur-^dIg-alim kurušda nin-ta); OrSP 47-49 115 (AS 8 x 3, ki Ur-^dIg-alim kurušda-ta); OIP 121 108 (AS 8 xi 9, ki I₃-lal₃-lum ensi₂ Uru-saġ-rig^{ki}-ta); JCS 35 177 2 (AS X viii 3, ki Ur-sa₆-sa₆-ga ensi₂ I-šim-^dŠul-gi-ra-ta).

Intaea²⁶⁹³ and Duga²⁶⁹⁴ who are the officials of the “central bureau” of the Puzriš-Dagan organization, as well as Enlila²⁶⁹⁵, Ur-kununa²⁶⁹⁶ and Naram-ili (director of Puzriš-Dagan)²⁶⁹⁷.

18.4 How is the Puzriš-Dagan organization functioned and operated?

From the above analysis and discussion, one can draw the following conclusions:

1. One director (who was Naram-ili, Šarakam, Lugal-itida, one after another) led the Puzriš-Dagan organization and rank over all of bureaus.

2. Why could the “central bureau” transfer animals to any other bureaus, but only a few bureaus could transfer animals to the “central bureau”?

All bureaus may be equal, without affiliated. The “central bureau” could transfer (i₃-dab₅) animals to any other bureaus. However, only Ahuni, Enlila and Nalu could transfer animals to the “central bureau” principal officials (Nasa, Aba-saga)²⁶⁹⁸. And only Šulgi-a’āgu, Uta-mišaram, Tah(i)š-atal (to Duga), En-diġirġu (to Duga), Enlila, Nalu, Ur-kununa could transfer (i₃-dab₅) animals to associate officials of the “central bureau” (Intaea, Duga). So, it is possible that Enlila, Nalu and Ur-kununa are very significant officials, equality with the “central bureau”, or directly affiliated with the director.

3. All bureaus could directly disburse (ba-zi) animals for final destination.

4. Which bureaus could expend dead animals that were accepted by Ur-niġar/Šulgi-iriġu, which bureaus could not?

Except for five officials of the “central bureau” as well as Enlila, Lu-saga, Nur-Suen, Ur-kununa and Ur-šugalama, the other bureaus could expend dead animals which were accepted by Ur-niġar/Šulgi-iriġu. Enlila and Ur-šugalama are from same family, who own same administrative function, which is different from another Ox-Official Ur-tur who is possibly affiliated by Aba-saga because of their brother-ship.

5. Lu-saga exclusively disbursed (ba-zi) animals for final destination as the bala-funds. In other words, Lu-saga did not own other administrative authorities.

6. Which subordinate bureaus could receive the deliveries (mu-DU) of animals, which could

²⁶⁹³ In-ta-e₃-a i₃-dab₅: KM 89193 (AS 9 vii 7, ki Tu-ra-am-^dDa-gan-ta); SET 11 (AS 9 xi 13, ki MUR₇-te-li ensi₂ Babilim^{ki}-ta).

²⁶⁹⁴ Du₁₁-ga i₃-dab₅: OIP 121 596 (AS 8, ki Lu₂-diġir-ra-ta, la₂-ia₃ su-ga).

²⁶⁹⁵ ^dEn-lil₂-la₂ i₃-dab₅: TCL 2 4685 (AS 3 v 1, ki Ur-mes ensi₂ Uru-saġ-rig^{ki}-ta); MVN 11 177 (AS 3 vi 25, ki Gu₃-de₂-a ensi₂ Gu₂-du₈-a^{ki}-<ta>).

²⁶⁹⁶ Ur-ku₃-nun-na i₃-dab₅: AAICAB 1/3 pl 197 Bod A 73 (AS 3 iv 14, ki Ur-ni₉-ġar-ta, bala Ur-^dLamma ensi₂ Ġir₂-su^{ki}).

²⁶⁹⁷ Na-ra-am-i₃-li₂ i₃-dab₅: PPAC 4 154 (AS 1 ix, ki Arad₂-ġu₁₀-ta, a-gu₃ Ab-ba-sa₆-ga-ka ba-a-ġar); MVN 3 217 (AS 1 ix, ki Lu₂-^dNanna dumu Nam-ha-ni ensi₂ Ha-ma-zi₂^{ki}-ta); MVN 15 15 (AS 2 iii, ki Šu-^dEN.ZU dumu lugal-ta, a-gu₃ Ab-ba-sa₆-ga-ka ba-a-ġar).

²⁶⁹⁸ That Šu-Erra transferred sheep (not equids!) to Aba-saga is not considered to be the main duty issued by Šu-Erra who exclusively dealt with equids.

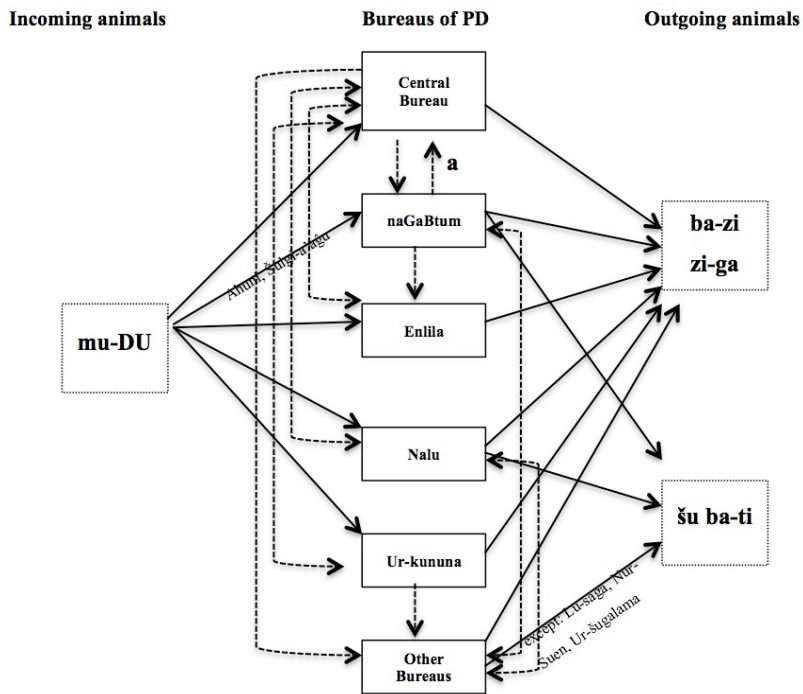
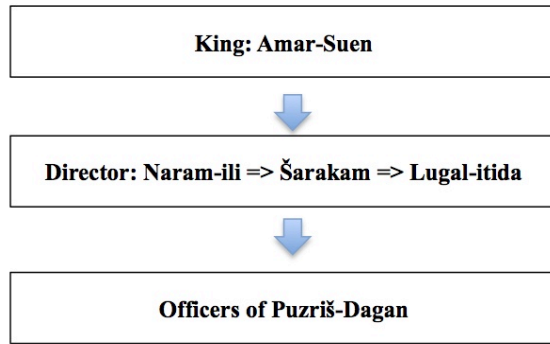
not?

All “central bureau” officials (except for Intaea when he was the associate official) could receive the deliveries of animals. Apart from them, only Ahuni, Šulgi-a’âĝu, Enlila, Nalu and Ur-kununa could receive the deliveries of animals. Ahuni and Šulgi-a’âĝu are different from other officials of the naGaBtum branch who could not receive the deliveries of animals. Enlila, Nalu and Ur-kununa are same officials who could (a) receive the deliveries of animals, (b) could not expend dead animals which were accepted by Ur-niĝar/Šulgi-iriĝu (except for Nalu), and (c) could transfer animals to the “central bureau”.

7. How many animals were expended (ba-zi, i₃-dab₅, šu ba-ti) from bureaus of the Puzriš-Dagan organization, and how many animals were received from deliveries (mu-DU) by the officials of the “central bureau” of the Puzriš-Dagan organization, within the nine years during the reign of Amar-Suen?

Within the nine years during the reign of Amar-Suen, 44,354+ animals were disbursed (ba-zi, zi-ga) from the bureaus of the Puzriš-Dagan organization for final destinations, and 160,414+ animals were transferred (i₃-dab₅) from bureaus to bureaus and individuals. Also, 4,916+ dead animals were accepted (šu ba-ti) by Ur-niĝar/Šulgi-iriĝu from subordinate bureaus. However, 24,626+ animals were received by the “central bureau” as the deliveries (mu-DU), the number of which was far smaller than that of animals expended (ba-zi, zi-ga, i₃-dab₅, šu ba-ti) from bureaus.

8. To sum up, one can draw a clear picture of how the Puzriš-Dagan organization functioned, in particular about the way the “central bureau” interacted with subordinate bureaus and subordinate bureaus interacted with each other (see Figure 18.3).



Note:
a: From Ahuni to Nasa, from Šulgi-a'aġu to Intaea

Figure 18.3 _ Transaction of animals among the bureaus at the Puzriš-Dagan organization

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Index

Divine Names

- Allagula, 29, 367
Allatum, 160, 303, 367
An, 6, 17, 29, 32, 40, 41, 54, 57, 124, 145, 160, 204, 210, 245, 248, 252, 303, 306, 311, 341, 342, 358, 367, 368, 398, 403, 408
AN.KILLU.ALIM, 303, 367
Annunitum, 29, 160, 284, 288, 303, 330, 336, 367
Ašnan-Utu, 367

Bau, 54, 195, 199, 203, 210, 303, 367

Dagan, 3, 7, 147, 227, 228, 254, 366, 367, 396, 413
Dumuzi, 195, 196, 203, 303, 367

Enki, 5, 29, 82, 160, 161, 183, 236, 303, 336, 360, 367
Enlil, 5, 17, 23, 29, 32, 33, 46, 53, 54, 57, 58, 63, 121, 129, 147, 156, 160, 161, 174, 183, 196, 203, 220, 227, 236, 245, 254, 259, 271, 274, 284, 292, 299, 303, 304, 306, 341, 346, 367, 394, 412
Enlil-Ninlil, 30, 32, 183, 203, 227, 236, 274, 284, 292, 299, 367
Enme-Šara, 245, 274, 303, 367
Ensigalabzu, 203, 367

Gansura, 227, 367
Gula, 17, 30, 82, 136, 137, 160, 245, 303, 316, 330, 367

Haburitung, 227, 367
Haniš, 303, 367

Idim, 304, 367
Inana, 5, 17, 23, 24, 30, 39, 82, 83, 101, 104, 152, 160, 177, 185, 191, 196, 203, 220, 226, 227, 236, 245, 246, 274, 276, 284, 290, 299, 304, 306, 307, 330, 367, 370
Išhara, 227, 228, 254, 367
Iškur, 30, 33, 160, 220, 304, 367
Ištaran, 196, 205, 247, 274, 367

Kurra-igiḡal, 304, 367

Lamma-lugal, 30, 367
Lugal-banda, 304, 367
Lugal-gusisu, 304, 367
Lugal-mušlah, 304, 367

Lugal-NI-ra, 236, 367

Malkum, 220, 246, 367
Meslamtaea, 236, 304, 367

Nanna, 5, 6, 28, 30, 31, 32, 39, 48, 57, 82, 161, 184, 196, 203, 220, 271, 274, 284, 299, 304, 306, 314, 317, 336, 346, 351, 355, 358, 367
Nanna-anna, 246, 367
Nanše, 104, 196, 204, 227, 367
NinDA, 304, 367
Nindara, 196, 204, 227, 367
Nin-Egaba, 196, 367, 394
Nin-gagia, 304, 367
Ningal, 31, 246, 300, 358, 368
Ninḡirsu, 196, 204, 227, 368
Ninḡišzida, 101, 204, 227, 304, 368
Ningublaga, 40, 82, 304, 368
Ninhursag, 17, 31, 32, 160, 220, 223, 228, 246, 284, 304, 336, 368
Nin-imma, 304, 368, 396
Nin-Isin, 183, 204, 228, 304, 368
Ninkasi, 31, 368
Nin-kununa, 174, 368, 394
Ninlil, 17, 31, 53, 121, 147, 156, 160, 174, 196, 204, 220, 228, 246, 254, 259, 271, 274, 284, 292, 299, 305, 346, 368, 401, 402
Ninmar, 196, 204, 368
Nin-PU-muna, 368
Ninsun, 24, 71, 82, 305, 317, 336, 358, 368
Nintinugga, 31, 46, 64, 246, 254, 274, 299, 305, 368
Nintu, xv, 204, 345, 354, 363, 368
Ninurta, 17, 31, 53, 196, 204, 259, 274, 284, 292, 305, 368
Nungal, 204, 368, 398
Nusku, 17, 31, 305

Šauša, 228, 368
Sud, 17, 31, 147, 204, 368, 394
Suen, 1, 30, 31, 34, 53, 54, 81, 121, 127, 143, 148, 203, 205, 210, 211, 228, 236, 239, 274, 278, 284, 292, 304, 306, 307, 330, 360, 367, 368, 369
Šu-ilat, 305, 368
Šulpae, 31, 368
Šuzi-anna, 305, 368

Ulmašitum, 305, 336, 368
Utu, 17, 32, 82, 101, 132, 228, 246, 305, 306, 336, 358, 368

A.HA, 23, 71, 154, 155, 170, 171
Abal, 99
Abarnium, 247

Geographical Names

Abi-bana, 99
 Adab, 23, 48, 80, 94, 123, 160, 318, 333, 349
 Apiak, 23, 80, 94, 153, 349
 Araphum, 99
 Arman, 99
 Assur, 95, 105, 119

 Babylon, 38, 73, 80, 94, 120, 122, 162, 177, 180,
 207, 301, 338, 361

 Dariba, 35
 Dašik, 99
 Der, 23, 27, 96, 186, 372, 408
 Dilmun, 239, 242, 372
 Duduli, 35, 185, 197, 222, 238, 247, 372

 Ebla, v, 96, 197, 206, 238, 247, 248, 276, 305, 401,
 408, 411
 Egula, 230
 Ereš, 94
 Eshnuna, 80, 94, 318

 Girsu, 3, 18, 23, 25, 34, 48, 54, 73, 80, 82, 85, 94,
 120, 143, 146, 160, 162, 193, 197, 200, 204, 205,
 208, 211, 212, 229, 240, 265, 291, 301, 310, 318,
 328, 335, 338, 360, 361, 362, 401
 Girtab, 95
 Gubla, 113, 206
 Gudua, 23, 81, 95, 119, 171, 178, 290, 301, 341, 342,
 348, 360, 407
 Guhziga, 96
 Gumaraši, 35

 Habid-atal, 35
 Habur, 35
 Hamazi, xv, 122, 123, 187, 230, 349, 350, 361, 372
 Harši, 35, 95, 97, 198, 206, 230, 238, 248, 276, 372
 Hibilati, 35, 248
 HU.ERIN, 97
 Hubni, 99, 123, 129
 Hurti, 23, 206, 208, 372

 Iabibum, 35, 185
 Iamatum, 206
 Inšum, 35
 Išim-Šulgi, 35, 95, 121, 155, 156, 301
 Isin, 35, 247, 398, 410
 Išum, 99
 Išur, 155

 Kakmi, 35, 238
 Kakulatum, 99
 Karahar, 35, 119
 Kimaš, 97
 Kish, 81, 95, 411
 Kulum, 35

 Libi, 36

 Magan, 36, 86
 Mahili, 36, 185, 230
 Manum, 206

 Marda, 81, 95, 120, 193, 301
 Mardaman, 36, 97, 185
 Marhaši, 36, 38, 138, 197, 206, 238, 248, 276, 285,
 308, 412
 Mari, 18, 25, 36, 85, 97, 107, 110, 112, 117, 146,
 162, 180, 198, 207, 222, 238, 248, 256, 308, 401,
 405, 410, 411
 Mašatum, 97
 Maškan-abi, 155
 Maškan-šarrum, 97, 105, 155
 Mukiš, 230

 Neber-Amar-Suen, 99
 Neginehum, 222
 Nihi, 36
 Nikab, 36
 Nippur, 3, 8, 23, 24, 81, 85, 86, 95, 122, 143, 164,
 178, 187, 268, 269, 286, 320, 355, 356, 372, 381,
 412, 415
 Nugar, 99

 Pus, 48, 71, 81, 348
 Puttulium, 155

 Rabi, 25, 99
 Rimuš, 37, 276

 Sabum, 18, 407
 Šarithum, 37
 Šašru, 37
 Šetirša, 37
 Šigirišum, 207, 238
 Šikšabi, 238
 Šimanum, 37, 96, 207, 230, 277, 308
 Šimaški, 37, 115, 162, 207, 222, 230, 238, 248, 256,
 308, 412
 Simurum, 37, 185, 230, 256, 360
 Sippar, 73, 83, 95, 136, 158, 301, 355, 361
 Sitišša, 99
 Šudae, 238
 Šurbu, 99
 Šuruppag, 17, 23, 48, 81, 82, 84, 85, 95, 96, 187, 286,
 290, 292, 301, 318, 362, 372, 377
 Šuruthum, 37
 Susa, 95, 119, 162, 397

 Tablala, 99
 Tikitihum, 37, 185
 Tiran, 99
 Tutul, 207, 222, 248

 Ulli, 37
 Umma, 3, 7, 23, 34, 73, 81, 85, 96, 107, 122, 155,
 173, 178, 184, 205, 283, 301, 330, 344, 349, 360,
 361, 362, 396, 397, 398, 401, 407, 408, 411, 412,
 415, 416
 UR₂xU₂, 23, 81, 96
 Uraum, 248
 Urkiš, 207
 Uršu, 198, 207, 222, 238, 248
 Uruk, 2, 5, 48, 81, 83, 115, 116, 247, 299, 353, 356,
 381

Urum, 81, 87, 96, 118, 400
Urusağrig, xv, 3, 19, 32, 81, 96, 105, 120, 164, 178,
182, 226, 335, 346, 355, 360, 364, 372

Zibire, 99
Zidahri, 37, 185, 230, 277
Zidanum, 37, 207, 238, 248, 308
Zimudar, 99

Personal Names

Abba, 50, 113
Abbamu, 107, 109
Abi-abih, 42, 43
Abi-rize, 43
Abisimti, 34, 44, 45, 115, 117, 129, 132, 135, 158,
189, 195, 217, 233, 239, 241, 249, 251, 259, 260,
306, 320, 384, 386
Abišqin, 39
Abua, 113
AbuDU, 88, 259
Abuni, 26, 44, 88, 113
Abuza, 113
Adad-dan, 113
Adalal, 85, 107, 108, 114, 368
Adatum, 113
Adda-buni, 38
Adda-gina, 36, 99, 288
Adda-hali, 40
Adda-kala, 26, 113
Adganum, 39
A-DU.DU, 107
Agganum, 102
Agium, 101
Aguda, 114, 189
Ahanšibu, 42, 111, 260
Ahantibu, 260
Ahašum, 101, 188
Ahatum, 46
AH-BU-rum, 102
Ahua, 51, 84, 100, 104, 114
Ahu-ali, 104, 111
Ahuma, 51, 84, 113, 361
Ahum-bani, 84
Ahum-ilum, 39
Ahu-šuni, 26, 41, 45, 131
Ahuwaqar, 88, 99, 114, 165
Akbani, 19, 37, 101
Akuš-ilum, 40
A-KU-um, 101, 102
Albanu, 188
Aliah, 114
Allamu, 111, 114, 189, 369
Ama-ilum, 114
Ama-KI.KAL, 219, 386
Ama-mu, 114
Ama-nidu, 171
Amar-gir, 114
Amar-Suen-hamati, 101
Amar-Suen-ili, 171

Amar-Suen-naram-Enlil, 86
Amar-Suen-nawer, 44
Ama-zimu, 86, 114, 376
Amir-Šulgi, 35, 38, 45, 384
Amma, 46
Amua, 104, 113
Amuhul, 26
Amur-Anum, 86
Amur-dakum, 102
Amur-Ea, 26, 114
Amur-ilum, 37, 217, 259, 321
Amur-LU-numun, 114
Amur-Suen, 86
Amur-Šulgi, 37, 38, 155
Anah-ili, 104
Anahilibi, 88
Anana, 102
Anetitanu, 102
Anid, 102
Aninu, 188
Anna-atal, 218
Anuil, 102
Apila, 114
Apilanum, 26, 104, 114
Apilaša, 76, 99, 131, 162, 163, 165, 167, 189
Apilati, 104
Apili, 110, 114
Apilia, 104, 114
Apiluma, 114
Arad-Amar-Suen, xiii, 330, 331, 333
Arad-dani, 114
Aradğu, 26, 43, 55, 76, 84, 86, 89, 114, 152, 189,
204, 251, 272, 277, 288, 299, 313, 336, 341, 374,
375, 386
Arad-Nanna, 26, 55, 114, 363, 370, 385
ARAD-u, 114
Arbitum, 115
Aridubuk, 38
Arip-atal, 38, 241
Ariphuppi, 38
Arizanum, 39
Aršiah, 76, 83, 98, 131, 313, 351, 375
Arwilugbi, 208, 249, 288
Atakal, 115
Atakalšum, 115, 165, 167, 189, 311
Atanah, 112
Atu, 110, 301, 304
Atuki, 171
Awanum, 102
Azida, 115

Babati, xvi, 115, 143, 189, 239, 260, 376

Babduša, 241
 Badatina, 39, 171, 345
 BAD-ili, 101
 Bahar-šen, 115
 Bahzuzu, 26
 Bakti, 122
 Balamu, 321
 Balanum, 102
 Baluza, 102
 Banzige, 163
 Barbar, 127, 140
 Bariašum, 297
 Bašantibad, 40
 Bau-danirġal, 89
 Bazallum, 172
 Bazamu, 115
 Beburu, 111
 Beli-arik, 26, 89, 115, 118, 143, 189, 242, 386
 Beli-azu, xv, 50, 89, 146, 147, 148, 230, 265, 345, 354, 355, 359, 361, 362, 378, 388
 Beli-bani, 107, 188
 Beli-dan, 108
 Beli-nahati, 115
 Beli-ṭab, 196
 Bibia, 105
 Bibra, 250
 Biddu, 40
 Binatum, 189
 Bizanum, 105
 Bizati, 25
 Bizua, 44
 Bubu, 26, 105
 Budur, 208, 250
 Bukšanum, 105
 Bulbad, 39
 Bululu, xv, 341, 359, 361, 378, 388
 Bundu, 51
 Bur-Adad, 105, 115
 Bur-Mama, 105, 109, 115, 188
 Bušam, 38, 100, 115, 118, 119, 122, 218, 288, 321
 Buzi, 163
 Buzinat, 46

 DA.UŠ.BU, 46
 Dabuduk, 233
 Dada, 26, 35, 41, 85, 98, 105, 109, 111, 113, 115, 131, 158, 164, 171, 189, 272, 288, 297, 363
 Dadaga, 105
 Dadani, 85, 110, 115
 Dagan-abu, 218
 Da-HI, 45
 Danabit, 102
 Danhalah, 40
 Dan-ili, 101
 Dannali, 259
 Dannum, 39, 105
 Dan-Šulgi, 82, 115, 189, 275, 337, 341, 364, 387, 396
 Darzigin, 322, 386
 Daši-Enlil, 115
 DA-šim-ŠE, 46
 Diku-ili, 19

 Dub-kišer, 36
 Dubudubu, 44, 219
 Dudu, 86, 107, 186
 DU-enna, 46
 Duga-zida, 109, 164
 DU-ili, xv, 23, 115, 348, 349, 359, 361, 378
 Dukra, 37, 50, 115, 249, 351, 387
 Dulganum, 217
 Dulia, 259
 Duribbikma, 259

 Ea-dan, 89, 105
 Ea-ili, 23, 29, 44, 115, 131
 Ea-niša, 34, 384
 Ea-rabi, 99, 115, 128, 131, 140
 Ebišehu, 102
 Eman-Eštar, 260
 Engardu, 116, 250, 348
 En-ili, 105, 117, 250
 Eniš-šage, 46
 Enlila-isa, 215, 302, 303
 Enlil-palil, 115
 Enlil-zišaġal, 44, 86, 115, 153, 166, 180, 182, 313
 Ennea, 44
 En-šakuge, 107, 110, 116
 Enum-Eštar, 190
 En-urkuge, 116
 Epiri, 109, 275, 396
 Erdani, 26
 EREN-dašu, 25
 Erpadan, 51, 86
 Erra-bani, 25
 Erra-nuid, 340
 Erra-qurad, 116
 Erra-ursaġ, 26
 Errešum, 116
 Eršuti-ilum, 105
 Eštar-ilšu, 89, 116, 190
 Eštar-imti, 171
 Eštar-nuri, 209
 Etel-pu-Dagan, 34, 384

 Gababa, 241
 Gadabi, 39, 196, 233
 Gaddadu, 259
 Gagutum, 171
 Gal-PI, 116
 Ganaza, 110
 Garadadu, 39, 218
 Garadu, 116
 Gašiddadu, 40
 Geme-barag-siga, 42, 288
 Geme-Eanna, 35, 384
 Geme-Enlila, 116, 320, 384
 Geme-Gestin-anna, 116
 Geme-Nanna, 35, 44, 260, 384, 386
 Geme-saga, 44
 Ġirine, 89
 Ġirine-isa, 105, 189
 Girri, 233
 Giršati, 37
 Gudea, 84, 99, 109, 111, 116, 128, 140, 180, 182,

187, 250, 302, 314, 354, 355, 361
 Gudu, 218
 Gumdanum, 164
 Gunda, 219, 386
 Gunna, 250
 Guzuzu, 37

 Habaluge, 51, 83, 98, 169, 331, 345, 362
 Habanuduk, 190
 Habru, 190, 191
 Habruša, 44, 116
 Habrušer, 116
 Halati, 241
 Halhalla, 321
 Hal-ilum, 105
 Hanzabtum, 116, 166
 Hašip-atal, 116
 HI.EŠ.IŠ, 105
 Hilia, 113
 Hiš-atal, 37
 Huba-Šulgi-daš, 40
 Hubutia, 218
 Hulal, 116
 Hulali, 89
 Hulibar, 36, 195, 208, 233, 259, 386
 Hun-habar, 26, 105, 115, 116, 117
 Hun-hili, 101
 Hun-hubše, 116, 164
 Hun-hun, 26
 Hun-nazi, 189
 Hun-nuduk, 86
 Hun-num, 41, 109
 Hun-Šulgi, 38, 116
 Hun-tiba, 249
 Hun-zeri, 40

 Iabanaru, 336
 Iabrat, 39, 321
 Iban, 102
 Ibat, 121, 217
 Ibbi-Ištaran, 117, 162, 217, 384
 Ibbi-Suen, iv, 1, 2, 3, 6, 105, 169, 379, 390
 Ibdar, 121
 Ibbid-Erra, 89
 Ibbila-ilum, 102
 Ibizu, 105, 131
 Ibkum, 111
 Ibbi-Adad, 118
 Ibbi-ilum, 118, 129
 Ibbi-Šulgi, 190
 Idadu, 241
 Idašu, 102
 Iddin-Adad, 26, 109, 113, 117, 171
 Iddin-aka, 259
 Iddin-Dagan, 44, 117, 190, 234, 386, 419
 Iddin-Ea, 25, 105, 117
 Iddin-Erra, 24, 339
 Iddin-Suen, 117, 190
 Idia, 117
 Igari, 117
 IG-dau, 102
 Igi, 105, 145

 Igi-annakezu, 118, 143
 Igi-halum, 117
 IGI-ingi, 101
 Igi-rumah, 117
 Igi-sasaga, 303
 Igmulum, 118
 Ikala, 111, 303, 312
 Ikizu, 111
 Ikšutum, 118, 167
 Ikunum, 102, 105
 Ilallum, 26, 28, 44, 50, 89, 117, 126, 128, 140, 158,
 165, 218, 238, 283, 285, 288, 289, 321, 334, 337,
 341, 374, 387
 Ilantida, 102
 Ilanum, 102
 Ili-Dagan, 208, 217, 249, 259, 288
 Ili-dan, 111, 117
 Ili-mahri, 25
 Ili-miti, 26
 Ilimu, 189
 Ili-tikal, 117
 Ili-tabba, 105
 Ili-turi, 117
 Ilmutabbil, 190
 Ilšu-bani, 106
 Ilšu-rabi, 117, 165
 Ilum-abum, 102
 Ilum-ahi, 26
 Ilum-azu, 189
 Ilum-bani, 20, 50, 105, 117, 174, 345, 387
 Ilum-dan, 39, 55, 105, 107, 192, 299
 Ilum-hir, 89, 368
 Ilum-kimat, 190
 Ilum-Malik, 117
 Ilum-šukin, 105
 Imid-ilum, 105, 107, 117
 Imlik-Ea, 84, 313
 Immer, 105, 118
 Indadabi, 36, 195
 Ingimum, 102
 Inim-Inana, 118
 Inim-Nanna, 18, 35, 85, 98, 118, 146, 147, 171, 345,
 384
 Inim-zuharakal, 120
 Inzamu, 87
 Iphuha, 118
 Iphur, 109, 205
 Ipiq-ilum, 105
 Ipiq-nani, 117
 Iqbi-ilum, 118
 Iqšutum, 27
 Irdua, 106
 Irib-ilšu, 118
 Iribum, 86, 105, 117
 I-saga, 180, 182
 I-ša-PI-ir, 241
 Išar-beli, 89
 Isarik, 42, 117
 Išar-kin, 105
 Išar-kubaš, 42
 Išar-libur, 40, 117
 Išar-padan, 107, 112, 117

Išar-ramaš, 125
 Išdu-kin, 118
 Išme-Dagan, 208, 249
 Išme-ilum, 39, 102, 118, 174, 337, 388
 Isu-arik, 128, 140
 Išur-ili, 27
 Ithap-atal, 36, 259, 288
 Iti, 118
 Itia, 110
 Iṭib-šinat, 46, 118
 Iti-išum, 86
 Itizu, 101
 Itraq-ili, 25
 Itua, 280, 396
 Ituria, 107
 Itur-ili, 118
 Izanum, 105, 118
 Iziz-Mišar, 196
 Izua, 118

 KA-DIĜIR, 40
 Kalamu, 84, 99, 119, 331
 Kaš, 89
 Kiaĝ, 119
 Kidani, 38
 Kinamuša, 119
 Kinana-SAL, 190
 Kinašasal, 172
 Kinat-Ea, 321
 Kinat-nunu, 44
 Kiranum, 336
 Kiribulme, 38, 195, 241, 267
 Kiššer, 27, 40, 119, 209, 250, 418
 Kiusuh, 101
 Kiwi, 249
 Kubabae, 119
 Kubatum, 44, 119, 197, 240, 288, 386
 Kudanum, 27
 Kuku, 106
 Kuli, xv, 86, 359, 362, 378
 Kulkunum, 102
 Ku-Nanna, xv, 86, 359, 362, 378
 Ku-Ningal, xiii, 89, 119, 330, 331, 333
 KU-nizu, 46
 Kun-simatum, 119
 Kurdi-Baza, 45
 Kur-ĝiriniše, 45, 119
 Kurtamugi, 172
 Kurub-Erra, 106, 119
 Ku-Šara, 37

 Laba-NE-riš, 164
 Lama-isa, 119
 Laqipum, 111, 119, 233, 259, 267, 321
 Lau-alum, 171
 Lazemanum, 102
 Libanašgubi, 37, 217, 259, 288, 321
 Libanugšabaš, 37
 Libur-beli, 89
 Libur-ituni, 46, 241
 Libur-simti, 46
 Lišanum, 84, 99, 129, 313

 Lu-amana, 110
 Lu-andul, 321
 Lu-Asarluhi, 119
 Lu-Ašnan, 119
 Lu-balasaga, 84, 85, 89, 100, 112, 119, 289, 331, 371
 Lu-Bau, xiii, xv, 89, 230, 265, 330, 333, 354, 355, 357, 358, 359, 362, 366, 378
 Ludamiq, 46
 Lu-DUB.SI-bani, 119
 Lu-Ea, 102
 Lu-Ebgal, 110, 119
 Lu-Enlila, 90, 119
 Lugal-annabtum, 363, 374
 Lugal-anne, 120, 188
 Lugal-azida, 98, 110, 111, 120, 189
 Lugal-dubsar, 110, 120
 Lugal-engardu, 25, 89, 90
 Lugal-ezem, xv, 106, 112, 186, 330, 348, 359, 363, 364, 367, 372, 378
 Lugal-ĝiškimzi, 27, 345
 Lugal-hamati, 27
 Lugal-heĝal, 27, 106, 301, 310
 Lugal-iti, 86
 Lugal-KAĝina, 25, 86, 108, 120
 Lugal-kuzu, 45, 89, 120, 218, 321, 351
 Lugal-magure, xv, 36, 45, 53, 55, 86, 90, 120, 143, 144, 158, 190, 238, 272, 288, 321, 359, 364, 378
 Lugal-melam, 84, 90, 99, 120, 128, 140, 152, 187
 Lugal-nirĝal, 27, 120
 Lugal-urrani, 50, 120, 306, 388
 Lugal-zae, 106, 189
 Lu-gina, 186
 Lu-Inana, 112, 128
 Lu-kala, 44, 89, 119
 Lulu-bani, 119
 Lu-Magan, 89
 Lu-melam, 86
 LUM-ma, 108, 143, 144, 162
 Lu-muškin, 119
 Lu-Nanna, xv, 25, 36, 44, 51, 86, 108, 109, 112, 113, 119, 164, 189, 298, 359, 361, 363, 373, 374, 378, 385, 391
 Lu-Ninĝirsu, 86, 108, 120, 169, 194, 302, 344, 350, 360, 362, 370, 429
 Lu-Ninšubur, 43, 85, 108, 120, 155, 260, 265, 369, 373
 Lu-Ninsun, 87
 Lu-šalim, 106, 180, 182, 190, 349
 Lu-Šara, 87, 91, 120
 Lu-Suen, 131, 190, 350
 Lu-Šulgi, 35, 320, 358, 384
 Lu-URUxKAR, 25

 Malia, 102
 Malili, 120
 Malku, 306
 Maniganum, 102
 Mannum-ili, 171
 Marat-ili, 106
 Mardabum, 188
 Mardamum, 103

Marhuni, 120, 209, 217, 241, 249, 259, 288, 386
 Mari-HI-illum, 102
 Masasa, 45, 120, 289
 Maš-sasa, 120
 Mat-gigi, 111
 Mat-ili, 42, 43, 120, 299
 Maza, 36
 ME-Ištaran, 18, 19, 35, 78, 98, 119, 124, 158, 195,
 216, 217, 241, 267, 288, 317, 340, 384
 ME-Nin-Isin, 46
 ME-Šulgi, 217, 384
 Midanum, 103
 Migir-Ninliltum, 241
 Milganum, 39, 103
 Mirtium, 103
 Mit-har, 109
 Mudanum, 341
 Muluš, 40
 Murdu-gaba, 45
 MURteli, 84, 128, 171, 187, 191, 218
 Murti-gaba, 106, 120

 Nabasa, 51
 Nabi-Enlil, 120, 190
 Nabi-Suen, 121
 Nadi, 86
 Nagizu, 208
 Nagudu, 43, 171
 Nahezi, 121
 Nahibum, 103
 Nahimum, 341
 Nahšum-bala, 27, 120
 Nakdamari, 37
 Naluk, 37
 Name-išme-illum, 39
 Namhani, xv, 90, 113, 121, 131, 180, 182, 297, 359,
 363, 375, 378
 Nammah-Bau, 42
 Namtiešta, 43, 53
 Namtur, 189, 190
 Namzitar, 84, 374
 Nana-dugše, 40
 Nanau, 218, 250
 Nanibu, 196
 Nanip-atal, 40, 45, 121, 241
 Nanna-dalla, 112
 Nanna-isa, 113, 121
 Nanna-kiağ, 86, 106, 108, 121
 Nanna-ludu, 27, 108, 121
 Nanna-ma(n)ba, 55, 90, 98, 121, 151, 199, 239, 247
 Nanna-maštum, 121
 Nanna-PAD, 86
 Nanna-palil, 42, 43, 284
 Nannazi, 121
 Nanna-zišağal, 85, 99, 129, 351, 374, 376
 Nanšekam, xv, 90, 297, 303, 349, 359, 364, 378
 Nanše-ulgal, 55, 297, 303, 366
 Naplanum, 39, 103, 165, 196, 209, 218, 233, 241,
 242, 250, 289, 297, 321, 341, 351, 386
 Naplis-Ea, 42
 Napšanum, 39
 Naram-Adad, 25

 Naram-Ea, 45, 121
 Nawer-illum, 185, 198, 289, 334, 337
 NE.NE-a, 42
 Nerati, 37
 NE-riš-atal, 101
 Nezanum, 121
 NI.AN-bilum, 40
 Niğar-kidu, 27, 121, 164
 Niğ-Bau, 189
 Niğ-gudu, 121
 Niğ-Mama, 106, 121
 Niğ-mumukalle, 280, 311, 345, 396
 Nilie, 103
 Nimgir-DI.NE, 106
 NIN.LIL-tum-imdi, 121
 Ninegal-igidu, 121
 Nin-emanag, 121
 Nin-galdu, 121
 Ninhedu, 35, 384
 Nin-iksur, 42
 Nin-kuzu, 321
 Ninlile-makiağ, 217, 384
 Ninlile-manag, 35, 384
 Ninlil-tukulti, 35, 385
 Ninmu, 106, 121
 Ninšuba, 19
 Ninšubur-andul, 109
 Ninšugigi, 171
 Niram, 336
 Niridağal, 90, 121, 131, 190, 297, 337
 Nisaba-andul, 43, 121
 Ni-ZA-NI-luzi, 121
 Nuhi-illum, 24, 112
 Nuida, 121, 128, 129, 131, 141, 219, 388
 Nukranum, 171
 Nur-Dagan, 76, 86, 100, 122, 145, 167, 313, 368
 Nur-Eštar, 27, 122, 238
 Nur-ili, 101, 106, 122, 250, 367
 Nur-ra, 196
 Nur-Suen, xiii, xxi, 14, 51, 55, 69, 78, 83, 96, 122,
 142, 174, 180, 181, 183, 199, 334, 335, 336, 339,
 346, 361, 375, 377, 378, 379, 380, 381, 382, 383,
 385, 386, 387, 388, 389, 390, 394, 398, 400, 407
 Nur-Šulgi, 90
 Nur-zu, 106, 122

 PAD-damu, 122
 Pakinana, 35, 122, 385
 Palilum, 122
 PAP-AN, 164
 Papan-šen, 45, 122, 289, 297
 PAP-PAP-nin-Ĝiri-ir, 40
 PI-Ea, 122
 Pierum, 103
 Piruruti, 172
 Pudumkiriš, 37
 Puhiliši, 122
 Puzur-Adad, 122
 Puzur-am, 217
 Puzur-Dagan, 259
 Puzur-Enlil, 90, 174, 198, 275, 334, 388, 396
 Puzur-Erra, 86, 108, 122, 374

Puzur-Eštar, 27, 122, 275, 396
 Puzur-Haia, 111, 122
 Puzur-Kakka, 109
 Puzur-Mama, 106, 189, 218, 249
 Puzur-Suen, 43
 Puzur-Šulgi, 190
 Puzur-tutu, 122
 Puzur-Wer, 111

Qadmanum, 103

Rabatum, 44, 45
 Rahau, 103, 341
 Raši, 39, 218, 250, 260, 321
 Rašiši, 101
 Ribagada, 42
 Rihub, 37
 Rim-Kakka, 45, 122
 Riš-ilum, 42, 43
 Rušdam, 122

Šabi, xv, 123, 348, 349, 359, 365, 378
 Šabum, 112
 Šaganakum, 123, 131
 Saġ-Nanna, 122
 Saġ-Nannazu, 122, 166, 190
 Šalim-beli, 123
 Šalim-kuna, 123
 Šarakam, xvi, 14, 76, 84, 99, 155, 330, 373, 376, 405, 406
 Šarna-ilum, 188
 Šarnaš, 103
 Sar-nid, 106
 Šarrum-bani, 27, 36, 45, 90, 98, 106, 123, 162, 272, 341, 362, 385, 388
 Šarrum-ili, 51, 84, 110, 123, 363, 374
 Šašimi, 45
 Šatbi, 42
 Šat-Mami, 35, 297, 385
 Šat-rat, 123
 Šat-Suen, 103
 Šat-Šulgi, 233, 386
 Šebba, 38
 Šeda-gagi, 40
 Šedak-gugu, 37
 Šeda-kuku, 38
 Šeleppum, 123
 Šelepputum, 35, 288, 385
 Šeluš-Dagan, xv, 27, 74, 90, 123, 129, 131, 141, 173, 349, 359, 365, 374, 378, 387
 Šeš-Dada, 25, 123
 Šeš-kala, 23, 45, 90, 109, 112, 123, 144, 154, 190, 204, 337
 Šeš-saga, 123
 Šeš-zimu, 86, 108, 123
 ŠI.A-a, 3, 106, 122
 Šibuzri, 171
 Šiduri, 46
 Šihalum, 123
 Šili-Adad, 45, 109, 123
 Šili-Sud, 260
 Šili-Šulgi, 123

Šilligi, 250
 Šipa-Nanše-inpa, 41
 Šišarrat, 42, 46
 Šiwil-walah, 37
 Sizigen, 111
 Šu-Adad, 106, 123, 186
 Šubululum, 123
 Šu-Dagan, 27, 38, 90, 123, 171
 Šu-damkina, 190
 Šu-Dumuzi, 90
 Šu-Durul, 106, 112
 Šu-Ea, 101, 111, 180, 182
 Suen-bani, 188
 Šu-Enlil, 123, 341
 Šu-Eštar, 37, 38, 51, 87, 112, 113, 124, 167, 298, 301, 311
 Šugakum, 90
 Šu-gatum, 106
 SUHUŠ-kin, 90, 106, 124
 Šu-ili, xv, 90, 106, 112, 159, 174, 334, 337, 359, 360, 365, 378, 388
 Šu-Irhan, 106
 Šu-Išhara, 259
 Šu-kabta, 124, 190, 340, 343
 Šu-Kakka, 106, 124
 Šukubum, 90, 106, 316, 364, 367
 Šulanum, 124, 260
 Šulgi-abi, 38, 124, 351
 Šulgi-anzaše, 46
 Šulgi-atal, 36
 Šulgi-bani, 124
 Šulgi-dan, 124
 Šulgi-diġir-kalmu, 109
 Šulgi-hasis, 260, 386
 Šulgi-ili, 28, 38, 79, 86, 107, 124, 131, 164, 171, 190, 250
 Šulgi-Lamma-mu, 109
 Šulgi-mišar, 46, 82, 124, 275, 396
 Šulgi-nada, 27, 125, 209
 Šulgi-nuri, 125
 Šulgi-palil, 38, 155
 Šulgi-simti, 4, 28, 320, 384, 428, 430
 Šulgi-unhaniš, 190
 Šulgi-zimu, 125, 129, 141, 186
 Šumanum, 103
 Šuminniabau, 103
 Šunamugi, 108
 Šu-Ninšubur, 106, 124
 Šuranum, 124
 Šurimku, 124
 Šuruš-kin, 24, 124, 190, 250
 Šu-salla, 114, 124, 250
 Šu-Suen, 1, 2, 6, 98, 110, 115, 124, 131, 156, 166, 169, 184, 193, 293, 305, 361, 374, 375, 378, 379, 390, 395
 Šu-Šulgi, 27, 43, 124, 233, 384
 Šutirum, 83
 Šu-Utu, 124
 Šu-Zababa, 124
 Šuzu, 85, 109, 366

Taddin-Eštar, 18, 35, 215, 287, 385

Taddin-kiza, 46
 Tahišen, 23, 38, 125
 Tehku-isri, 125
 Tete, 27, 125
 Tiamat-bašti, 191, 197, 240, 386
 Tišan-dahi, 125
 Tudari, 125
 Tudubidinu, 125
 Tulid-Šamši, 36, 158, 217, 320, 345, 385
 Turam-ili, 125

 Ubar, xv, 85, 107, 130, 359, 362, 366, 378
 Ubartum, 46, 172
 UD.IB.KI, 46
 Udamu, 125
 Udeniĝ-saga, 40
 U-du, 101
 Uduru, 250
 Ugula, 84, 99, 405
 Ula-iniš, 125
 Uli-beluk, 125
 Uli-iniš, 42
 Uludi, 347, 349
 Umudareša, 209
 Une, 107
 Ur-Adad, 108, 125, 131, 197, 241, 386
 Ur-Ašar, 107
 Ur-Asarluhi, 108, 125
 Ur-Ašgi, 125
 Ur-Ašnan, 45
 Ur-Bau, xv, 25, 29, 42, 51, 55, 86, 87, 90, 99, 108,
 125, 129, 141, 162, 171, 180, 182, 186, 199, 219,
 238, 272, 302, 311, 321, 359, 365, 366, 371, 374,
 375, 378, 384, 385
 Ur-BIL-saĝ, 113
 Ur-dam, 34, 43, 172, 345
 Ur-dukuga, 347, 348, 349
 Ur-eanna, 45, 107, 125
 Ur-emuš, 125
 Ur-Engaldudu, 90, 125, 391
 Ur-Enlil, 29, 90, 125, 240, 241, 287
 Ur-eškuga, 204
 Ur-ešlila, xv, 90, 180, 182, 215, 349, 359, 367, 368,
 378
 Ur-ĝar, xv, 126, 359, 360, 367, 373, 378
 Ur-Hendur-saĝ, 113
 Ur-HI, 126
 Ur-Igalim, xv, 129, 141, 344, 359, 368, 378
 Ur-Ištaran, 126, 171, 384
 Ur-Lamma, 51, 99, 131, 155, 169, 219, 251, 322,
 348, 374, 376
 Ur-Lisi, 76, 84, 100, 131, 183, 295, 357, 362, 374,
 376
 Ur-lugal, xv, 90, 91, 359, 367, 368, 378
 Ur-Lugalbanda, 108, 126
 Ur-Mama, 115
 Ur-meme, 186, 358
 Ur-mes, xv, 32, 34, 42, 44, 47, 51, 85, 100, 111, 126,
 187, 192, 204, 218, 289, 297, 299, 312, 348, 359,
 361, 368, 369, 378, 405, 406
 Urmu, 126, 340
 Ur-muRU, 91
 Ur-MUŠ, 91
 Ur-Nanna, 126
 Ur-NI, 126
 Ur-Ninazu, 126, 190
 Ur-Ningal, 101, 108, 126, 374
 Ur-Ninĝišzida, 91
 Ur-Ningublaga, 19, 27, 42, 111, 158, 272, 289, 343,
 351, 376
 Ur-Ninkura, 51, 84, 100, 301, 304, 313, 376
 Ur-Ninsaza, 91
 Ur-Ninsun, 108, 110, 126, 131, 142
 Ur-ra-ilum, 126, 142
 Ur-saga, xv, 41, 55, 108, 301, 350, 354, 355, 359,
 370, 378
 Ur-sasaga, 99, 126, 129, 141, 165, 314
 Ur-Sianna, 347, 349
 Ur-Suen, 44, 85, 91, 100, 126
 Ur-sukkal, 27, 112, 126
 Ur-Šulgi, 42, 50, 91, 108, 111, 126, 314, 388
 Ur-Šulpae, xv, 86, 91, 112, 130, 141, 218, 345, 359,
 362, 364, 370, 378, 385
 Ur-tilla, xvi, 27, 86, 112, 303, 359, 371, 374, 378
 Ur-ubkuga, 186
 Ur-Utu, 107, 142
 Ušatibu, 103
 Ušmu, 298, 345, 388
 Utu-bani, 126
 Utu-mansum, 51
 Utu-ulgal, 126

 Walala, 195, 241
 Watarum, 45, 85, 86, 88, 112, 127, 130, 164, 189,
 250, 396
 Watrat, 127
 Wedum, 37

 Zabru-IN, 127
 Zaganbi, 195, 385
 Zaguda, 127
 Zalia, 127
 Zananum, 26
 Zariq, 25, 27, 91, 100, 107, 124, 127, 131, 172
 Zazi, xvi, 91, 127, 289, 359, 360, 371, 372, 378
 Zebi, 45, 172
 Zikur-ili, 27, 127
 Zimzilah, 337, 388
 Zinana, 127
 Zinugi, 36
 Zubuš, 259
 Zugati, 190
 Zugzug, 107
 Zulati, 25
 Zuzu, 37, 107

Selected Sumerian Terms

a₂-ĝi₆-il₂-la, 85, 94, 99, 377
 a₂-ki-ti še-KIN-kus₅, 42, 43, 58, 86, 94, 98, 136, 266, 323, 324, 330
 a₂-ki-ti šu-numun, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 58, 62, 176, 180, 190, 323, 324, 390
 ab₂-ri₂-ig, 111
 ab₂-rig₅, 111
 abgal, 36
 abul, 34, 61, 390
 a-da-min, 34
 al-u₂-sa, 273, 327
 a-ri-a, 34, 61, 93, 96, 98, 390
 a-tu₅-a, 237, 239, 276, 278, 292, 296, 311, 313, 318, 320, 330, 390

 bara₂, 34, 61, 78, 79, 93, 95, 237, 239, 325, 390
 bur-du₈-a, 58, 227

 dag-si, 285, 286, 403
 diĝir ku-ku, 58, 322, 324, 357, 359
 du₆^dUr-saĝ-7, 245, 390
 du₆-babbar₂, 292, 390
 du₆-ĝi₈eren, 292, 390
 du₆-ku₃, 34, 212, 214, 292, 325, 330, 332, 390
 du₆-ur₃, 34, 325, 390
 dub-la₂-mah, 34, 325, 330, 390

 e₂-du₆-la, 133, 138, 139, 148, 149, 153, 355, 369
 e₂-gi₄-a, 47, 121, 245, 246, 255, 264, 265
 e₂-gu-la, xiii, 318, 321
 E₂^{tum}, 17, 156, 157, 177, 186, 223, 236, 261, 282
 e₃-lu-num₂, 58, 174
 er₂-su₃-a, 90, 93, 97, 136, 175, 206
 ereš-diĝir, 33, 36, 111, 112, 142, 161, 221, 326, 351
 e-ru-ba-tum, 245, 249, 272, 273, 390
 eš₃ ĝi₆-zal, 325, 331, 390
 ezem^dBa-u₂, 211, 219, 220, 226
 ezem^dNin-a-zu, 6, 58, 325, 332
 ezem GAN₂-maš, 220, 227, 390
 ezem gu₄-si-su, 21, 58, 161, 163, 237, 239, 276, 278, 292, 296, 302
 ezem kin^dInana, 323
 ezem munu₄-gu₇, 58, 234, 244, 248
 ezem še-il₂-la, 58, 219, 220, 226

 ĝa₂-udu sikil, 326
 ga-gu₇, 390
 GANA₂-da, 318, 320, 326, 330, 390
 gir₄-ta ba-šeg₆, 59, 177, 181, 223, 231
 ĝišbun_x(KI.BI), 31, 58, 133, 139, 200, 294, 311, 313, 320
 ĝi₈gu-za^dŠul-gi-ra, 18, 220, 228, 325
 ĝiš-kin-ti, 382
 ĝi₈tigidlu, 43, 174, 392
 gu₂-bil₂, 34, 390

 ha-za-num₂, 111, 113, 117, 142
 Hur-saĝ-ga-lam-ma, 161, 212, 293, 318, 321, 326,

331, 390

i₃-du₈, 17, 35, 42, 47, 50, 199, 256, 261, 392
 i₃-ra₂-ra₂, 190
 igi tu-a, 219
 igi-kar₂, 36, 229, 249, 331, 353

 KA-izi, 395
 kak-gu-la₂, 220, 245, 293, 325, 390

 lu₂ en-nu, 27, 87, 89, 116
 lu₂ ĝeštin, 42, 392
 lu₂^{ĝi₈}ban, 42, 111, 113, 264
 lu₂^{ĝi₈}kiri₆-mah, 25
 lu₂ ur₃-ra, xv, 186, 187, 222, 366, 377, 385
 lu₂-mah, 35, 294, 392
 lugal-e^{ĝi₈}kak bi₂-in-ra, 311, 313
 lukur, 35, 36, 198, 391, 431

 ma₂ An-na, 58, 220, 226, 323, 325, 330, 331, 362, 363, 390
 mar-sa, 303
 maš₂ lu-ub₂^{sar} ab-e₃, 58, 323, 332
 maš₂-šu-gid₂-gid₂, 32, 43, 111, 113, 123, 142, 392
 maš-en-kak, 19, 25, 111, 113, 116, 119, 121, 142
 mu ur-gir₁₅-ra-še₃, 20, 22, 51, 177, 201, 207, 256, 258, 295, 343, 344, 347, 348, 353
 mu₁₃-mu₁₃, 212, 392
 mu-du-lum, 132, 140, 223, 395
 muš₃-lah₅, 47
 mušen-du₃, 347, 392

 na-gada, 52, 86, 87, 89, 111, 113, 142, 165, 341, 352
 niĝ₂-mussa^{sa₂}, 19, 21, 35, 36, 44, 63, 133, 141, 179, 211, 214, 219, 220, 226, 228, 303, 306, 351, 353

 pisan-dub-ba, 111, 114, 142, 155, 265, 268

 ša₃-ge guru₇-a, 228, 289, 330
 saĝ nam-ra-ak, 174, 179, 222, 230, 392
 saĝ-rig₇, 45, 47
 sal^{al}-hu-ba, 91
 sila-a pad₃-da, 134, 140
 sila-a SIG₇-a, 148, 184
 siskur₂^dIškur ša₃ e₂-gal, 34
 siskur₂^{ĝi₈}gigir-lugal, 326, 391
 siskur₂ gu-la, 58, 203, 276, 278, 323, 331, 357, 359
 siskur₂^{mul}uz₃, 326, 331, 391
 siskur₂ ša₃ e₂-gal, 18, 21, 58, 211, 214, 219, 226, 227, 296, 391
 sukkal-mah, 44, 48, 87, 88, 90, 117, 186, 190, 224, 264, 303, 327, 377, 392, 412

 u₃-kul, 35, 44, 47, 111, 115, 143, 392
 u₄ dumu in-tu-da-a, 36, 59, 220, 229
 u₄ nam-erim₂ in-ku₅-ra₂-a, 59, 180
 u₄ nam-gala-še₃ i₃-in-ku₄-ra, 38, 39, 40, 43, 46, 59, 65, 66, 199, 203
 u₄ tu-ra i₃-me-a, 59, 174, 179, 198, 203, 221, 222, 230, 264, 327, 333
 u₄-da-tuš, 35, 44, 52, 87, 89, 90, 111, 115, 143, 174,

199, 316, 392, 417
ugnim₁(KI.LU.ŠE₃), 134
ugula-ĝiš₂-da, 26
ugula-uš-bar, 111
um-me-da, 44, 45, 292, 294, 327, 392
um-mi-a, 111, 115, 134, 143

zabar-dab₅, 18, 20, 26, 31, 32, 33, 43, 45, 47, 55, 86,
129, 213, 225, 347, 380, 412, 424
zadim, 45, 392
zag-gu₂-la₂, 34, 245, 391
zi-gum, 49