

1987

Specimen Catalog

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JAE
1987

CATALOG

①

BOLIVIA: SANTA CRUZ DEPT: Santa Cruz Zoo

Netted near restaurant

10 July 1987

- 1725 ♂ *Artibeus* 69-0-12-21 = 21 gr
NK 15035 + et, skin + skull
- 1726 ♂ *Artibeus* 71-0-14-20 = 27 gr
NK
- 1727 ♀ *Artibeus* 74-0-13-21 = 24 gr
NK 15038 + et, endo, skull
- 1728 ♂ *Artibeus* 70-0-11-21 = 22 gr (Testis 6x4)
(NK 15039 + et, endo, skull)

BOLIVIA: Santa Cruz Dept: 15 km S Santa Cruz,
17°53'S, 63°07'W,

13 July 1987

- 1729 ♂ *Ctenomys boliviensis* 202-75-41-8 = 290 gr. (Testis 7x3)
NK 15049 + et, endo, karyo, baculum, skel + skin
- 1730 ♂ *Ctenomys boliviensis* 204-78-43-8 = 370 gr (Testis 8x4)
NK 15050 + et, endo, karyo, skel + skin
- 1731 ♀ *Ctenomys boliviensis* 255-70-40-8 = 220 gr. (lactating
no embryos)
NK 15051 + et, endo, karyo, skel + skin
- 1732 ♀ *Ctenomys boliviensis* 234-63-35-8 = 170 gr (No embryos)
NK 15053 + et, endo, karyo, skel + skin
- 1733 ♀ *Ctenomys boliviensis* 282-74-41-9 = 350 gr (No embryos, lactating)
NK 15054 + et, karyo, endo, skel + skin
- 1734 ♀ *Ctenomys boliviensis* 294-87-41-8 = 345 gr (2 placental scars, lact)
NK 15047 + et, endo, skel + skin

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(2)

BOLIVIA: Santa Cruz Dept, 15 km S Santa Cruz, 17°53'S
63°07'W

14 July 1987

- 1735 ♂ Akodon. 183-72-22-18 = 28g (Testis 8x4)
NK 15056 + et, endo, karyo, skel
- 1736 ♂ Proechimys 410-171-47-26 = 370g (Testis 37x19)
NK 15057, et, endo, karyo, skel
- 1737 ♂ Ctenomys boliviensis 307-70-46-11 = 520g.
NK 15058 + et, endo, bac, skel
- 1738 ♂ Ctenomys boliviensis 326-81-48-10 = 565g (Testis 13x7)
NK 15059 + et, endo, bac, skel
- 1739 ♂ " " 289-79-41-8 = 270g
NK 15060 + et, endo, karyo, bac, skel

15 July 1987

- 1740 ♀ Ctenomys boliviensis 291-82-43-9 = 230g (No embryos)
NK 15061 tet, skull only eaten partially by ants
- 1741 ♂ " " 289-71-41-7 = 315g
NK 15064 tet, bac, endo, skel + skin

17 July 1987

- Alcohol 1742 ♂ Ctenomys boliviensis 119-32-23-? = 28g (Embryo of NK 15071)
NK 15074 tet,
- 1743 ♀ Akodon 183-72-23-18 = 36g (No embryos)
NK 15077 tet, endo, skel
- 1744 ♀ Akodon 188-77-24-18 = 34.5g (No embryos)
NK 15078 tet, endo
- 18 July 1987
1745 ♂ Akodon 205-91-23-18 = 53g (Testis 10x4)
NK 15085 tet, endo, skel
- Alcohol 1746 ♂ Ctenomys boliviensis 111-27-18-? = 19g [Embryo of NK 15082]
NK 15089 tet

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(3)

BOLIVIA: SANTA CRUZ DEPT. 15 km S Santa Cruz
18°53'S, 63°07'W

21 July 1987

- 1747 ♀ *Ctenomys bolwensis* 295-75-40-10 = 280 gr
NK 15115 + et, endo, karyo, skull
- 1748 ♀ " " 307-79-42-8 = 315 gr
NK 15116 + et, endo, karyo, skull

17 July 1987

1749 Toad

24 July 1987

- 1750 ♀ *Ctenomys bolwensis* = 29 gr
NK 15148 + et, (embryo of NK 15142)
- 1751 ♀ " " = 30 gr
NK 15147 + et, (embryo of NK 15142)

BOLIVIA: SANTA CRUZ DEPT. Santa Cruz Zoo

26 July 1987

- 1752 ♂ *Uroderma?* 72-0-15-19 = 20.5 gr. (Testis 5 mm)
NK 15160 + et, endo, skull
- 1753 ♂ *Artibeus* 86-0-18-22 = 48.5 gr
NK 15164 + et, endo, skull
- 1754 ♀ *Artibeus* 92-0-18-24 = 52 gr
NK 15166 + et, endo, skull

28 July 1987

1755 Hylid Frog

"

30 July 1987

1756 *Bufo marinus?*



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BOLIVIA: SANTA CRUZ DEOR, 4 km SW Buena Vista,
17° 28' S, 63° 40' W 2 August 1987

1757 ♂ Mollosus

104-38-9-13 = 12 gr

NK 15192 + et, endo, skull, alcohol

1758 ♀ Mollosus

106-43-10-14 = 13 gr

NK 15196 + et, endo, skull, alcohol

1759 ♂ Myotis

76-34-7-11 = 4 gr

NK 15201 + et, endo, karyo, skull, alcohol

1760 ♂ Lonchophylla

58-6-9-14 = 8 gr

NK 15202 + et, endo, karyo, skull, alc

3 August 1987

1761 Frog

2 August 1987

alcohol 1762 ♀ Mollosus

107-38-9-13 = 12 gr

NK 15204 + et, endo

" 1763 ♀ "

109-41-11-13 = 11.5 gr

NK 15205 + et, endo

" 1764 ♀ "

108-39-10-14 = 12.5 gr

NK 15206 + et, endo

" 1765 ♀ "

108-44-10-14 = 12.5 gr

NK 15207 + et, endo

" 1766 ♀ "

107-40-9-13 = 12.5 gr

NK 15208 + et, endo

" 1767 ♂ Myotis

84-35-7-10 = 4 gr

NK 15209 + et, endo

2 km WSW Buena Vista

7 Aug

alcohol 1768

Ctenomys stentachi (embryo of NK 15218)

65 mm crown/np

NK 15219 + et

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1987

BOLIVIA: Santa Cruz Dept, 4 km SW Buena Vista,
17°28'S, 63°42'W

6 August 1987

1769 Frog

1 " 4 km WSW Buena Vista,
17°28'S, 63°42'W

6 August 1987

1770 ♀ *Ctenomys steinbachi* 302-84-42-8=370 g (+ 2 emb
NK 15227
15228)
NK 15221 + et, endo, karyoskel,

BOLIVIA: Santa Cruz Dept, 2 km WSW Buena Vista,
17°28'S, 63°41'W

9 August 1987

alcohol 1771 *Ctenomys steinbachi* embryo of NK 15237

NK 15238 + et

" 1772 " " embryo of NK 15237

NK 15239 + et

~~BOLIVIA: Buena Vista~~

1773 BOLIVIA: Santa Cruz Dept, 2 km S Caranda,
17°33'S, 63°32'W, 380 m

9 August 1987

1773 *Leptodactyla*

1774 *Bufo*

1775 "

1776 "

1777 "

1778 "

1779 "

1780 "

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1987

BOLIVIA: Santa Cruz Dept, 2 km S ~~Cochabamba~~ Caranda
17°33'S, 63°32'W, 380m

9 August 1987

- 1781 *Bothrops newiedi* bolivianus
1782 Bmb
1783 "
1784 "
1785 "
1786 "
1787 "

10 August 1987

- 1788 *Oryzomys* 303-156-27-19 = 75gr
NK 15250 + et, endo, spleen

11 August 1987

- 1789 ♀ *Lonchophylla thomasi* 62-6-10-13 = 11gr (1 embryo 14mm)
NK 15254 + et, karyo, skel, endo
1790 ♀ " " 61-6-9-15 = 11gr
NK 15256 + et, endo, skel
1791 ♂ " " 66-6-11-15 = 11gr (testis 2mm)
NK 15257 + et, endo, skel
1792 ♀ " " 68-6-11-13 = 12gr (1 embryo 14mm)
NK 15258 + et, endo, skel

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1987

BOLIVIA: SANTA CRUZ DEPT., 2 km S Casanda
17°33'S, 63°32'W, taken from culvert

12 August 1987

1793	♀	Corollia	74-9-11-19 = 16 gm NK 15265 tet, endo, skel, skin
1794	♂	"	76-6-11-21 = 16 gm (Testis 6x4) NK 15266 + et, endo, skel, skin
1795	♀	"	71-8-12-19 = 13 gm NK 15267 tet, endo, skel, skin
1796	♂	"	71-6-13-20 = 15.5 gm (Testis 7x3) NK 15268 + et, endo, skel, skin
1797	♀	"	66-7-11-20 = 15 gm (1 embryo) NK 15269 + et, endo, skel, skin
1798		<i>Ctenomys stearnsi</i>	embryo of NK 15277 67 mm cl 39 gm w/placenta NK 15278 + et, alcohol
1799	♀	<i>Mollomys mollomys</i>	111-43-11-15 = 13 gm NK 15282 + et, endo, skel
1800	♀	"	97-44-11-14 = 12 gm NK 15283 + et, endo, skel
1801	♀	"	102-43-11-13 = 14.5 gm NK 15284 + et, endo, skel
1802	♂	"	109-45-11-13 = 17 gm NK 15285 + et, endo, skel
1803	♀	"	106-41-11-13 = 13 gm NK 15292 - et, endo, skel, ●
1804		"	109-42-9-13 = 13 gm (1 emb, 10 mm) + et, endo, skull, alc
1805	♀	"	105-40-10-14 = 13 gm NK 15294, + et, endo, skull, alc

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BOLIVIA: Santa Cruz Dept, 1 1/2 km SW Caranda
17°33'S, 63°32'W,

13 August 1987

1806 ♂ *Ctenomys steinbachi* 251-71-41-9 = 195 gr (Testis 5mm)
NK 15301 fet, endo, bac, alc

BOLIVIA: Santa Cruz Dept, 2 km S Caranda,
17°33'S, 63°32'W

13 August 1987

1807 ♀ *Molossus* 107-41-9-13 = 15 gr

NK 15299 + et, endo

1808 ♀ " 106-38-11-13 = 13 gr

NK 15300 + et, endo

BOLIVIA: Santa Cruz Dept, 3 km SE Caranda,
Rio Palometillas 17°33'S, 63°32'W

14 August 1987

1809 ♂ *Eira barbara* → NK 15308 + et, endo, ^{skin, skull} heart, kidney, lungs, liver
1192-440-122-40 = ? (Testis 50x30)

BOLIVIA: Santa Cruz Dept, 2 km S Caranda
17°33'S, 63°32'W

9 Aug 1987

1810 Bufo

1811 Bufo

BOLIVIA: Santa Cruz Dept, 2 km S Caranda
17°33'S, 63°32'W found in field

9 Aug 1987

1812 *Tayassu* skull only

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1988

BOLIVIA: Santa Cruz Dept: 2 km SE Cotoca

18 May 1988

1850 ♀ *Ctenomys boliviensis* 235-64-39-7 = 160 gr.
(sub skull) NK 15330 + et, koryo, endos, skel

17 May 1988

1851 ♀ *Ctenomys boliviensis* 248-70-37-8 = 171 gr. (S. 4 dnt)
NK 15334 + et, koryo, endos, skel, skin

18 May 1988

1852 ♀ *Ctenomys boliviensis* 305-80-44-9 = 390 gr
NK 15335 + et, endo, koryo, skel, skin (4 emb 2R/2L) ^{18mm}

1853 ♀ *Ctenomys boliviensis* 308-82-43-9 = 368 gr (1 embryo 28mm) ²¹
NK 15333 + et, endos, skel, skin

BOLIVIA: Santa Cruz Dept: Santa Cruz Zoo grounds

20 May 1988

1854 ♂ *Artibeus planirostris* 94-0-17-24 = 49 gr
NK 15354 + et, skel

1855 ♀ *Artibeus planirostris* 95-0-17-25 = 49 gr.
NK 15355 + et, skel

BOLIVIA: Santa Cruz Dept: 0 27 km SE Santa Cruz, 17°58'S,

23 May 1988

63°03'W

365 m elev

1856 Frog

1857 "

1858 "

~~Bonin's Sparrow~~

1859 ♀ *Sturnira* 67-0-13-18 = 20 gr (No embryos)

~~1860~~ NK 15378 + et, skel

1860 ♀ *Urodenna* 70-0-12-20 = 23 gr (No embryos)

NK 15380 + et, skel

1861 *Sturnira* 67-0-16-19 = 23 gr. (No embryos)

NK 15381 + et, skel

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1998

24 May 1988

Bolivia: Santa Cruz Dept; 27 km SE Santa Cruz,

17° 58' S, 63° 03' W; 385 m elev.

- 1862 ♂ *Uropygia?* 67-0-14-20 = 21.5g (Tarsi 4x3)
NK 15387 - et, skull
- 1863 ♂ *Sturnira* 68-0-13-16 = 20.5g
NK 15395 + et, skull
- 1864 ♂ *Sturnira* 63-0-15-17 = 18g
NK ~~15396~~ 15396 + et, skull
- 1865 ♀ *Sturnira* 66-0-13-16 = 17g
NK ~~15396~~ 15397 + et, skull
- 1866 ♂ *Sturnira* 66-0-13-17 = 19.5g
NK 15399 + et, skull
- alcohol 1867 ♂ *Artibeus* 88-0-19-23 = 53.5g
NK 15394 + et
- alcohol 1868 ♂ *Artibeus* 91-0-16-21 = 56g
NK 15398 + et
- alc 1869 ? *Ctenomys boliviensis* (embryo of NK 15409) + et, NK 15410
alc 1870 ? *Ctenomys boliviensis* (embryo of NK 15409) + et, NK 15411
- MSB62072
alc 1871 ♀ *Ctenomys boliviensis* 293-80-44-10 = 395g
NK 15406 + et, lungs, endos.
- alc 1872 ♀ *Cardellia* 81-11-14-23 = 21.5g
NK 15416 + et, endo, skull
- alc 1873 ♀ *Sturnira* 66-0-13-19 = 22g
NK 15424 + et, endo, skull
- alc 1874 ♂ *Sturnira* 69-0-12-17 = 24g
NK 15420 + et, endo, skull
- alc 1875 ♀ *Pygoderma* ~~15420~~ 69-0-15-18 = 21.5g
NK 15414 + et, endo, skull

JRE
1988

BOLIVIA: Santa Cruz Dept; 27 km SE Santa Cruz
17°58'S, 63°03'W, elev. 365 m

25 May 1985

- 1876 ♀ *Ctenomys boliviensis* 296-85-41-10 = 382 gr. (2emb, 1L/1R ^{11mm})
NK 15426 + et, karyo, endo, skel
- 1877 ♀ *Ctenomys boliviensis* 305-88-47-9 = 395 gr (no embryos)
NK 15428 + et, karyo, endo, skel

- alc 1878 ? *Ctenomys boliviensis* embryo of NK 15434 (NK 15458) crown/rump? = 8.5 gr
- alc 1879 ? " " embryo of NK 15434 (NK 15459) cf 53 = 9 gr

26 May 1988

- 1880 ♀ *Vampyrus* 69-0-15-18 = 23.5 gr. (No embryos)
NK 15438 + et, skel
- 1881 ♀ *Carollia* 68-5-11-20 = 15 gr. (No embryos)
NK 15439 + et, endo
- 1882 ♀ *Vampyrus* 73-0-17-20 = 23.5 gr (No embryos)
NK 15441 + et, skel
- 1883 ♂ *Pygoderma* 64-0-13-20 = 23 gr (Testis 3mm)
NK 15442 + et, skel
- 1885 ♀ *Vampyrus* 76-0-13-20 = 31 gr (No embryos)
NK 15450 + et, skel
- 1884 ♀ *Vampyrus* 68-0-13-19 = 21 gr (No embryos)
NK 15449 + et, skel
- 1886 ♀ *Ctenomys boliviensis* 263-78-42-9 = 255 gr
NK 15492 + et, endo, karyo, skel
- 1887 ♀ *Ctenomys boliviensis* 304-82-46-10 = 550 gr
NK 15489 + et, endo, skel, karyo

JRC
1988

BOLIVIA: Santa Cruz Dept, 27 km SE Santa Cruz, 17°50' S, 63°03' W, 365 m

29 May 1988

- 1888 ♀ *Dryomys* 281-152-31-24 = 47g
NK 15508 t et, endo, skull, skin
- 1889 ♂ " 254-136-31-22 = 45g
NK 15510 + et, endo, skull, skin
- 1890 ♂ " 306-172-34-26 = 75g
NK 15509 t et, endo, skull, skin

BOLIVIA: Santa Cruz Dept, 10 km SE Montero

17°25' S, 63°11' W, 310 m

31 May 1988

- alc. 1891 ? *Ctenomys boliviensis* (embryo of NK 15517)
NK 15521 t et

BOLIVIA: Santa Cruz Dept, 3 km S Montero, 17°23' S, 63°15' W

1 June 1988

- 1892 ♀ *Ctenomys boliviensis* 290-85-43-8 = 368 g. (emb, L, 37mm)
NK 15538 t et, endo, karyo, SS
- 1893 ♂ " " 283-78-45-9 = 335 g. (Testis 8x3)
phallus testis 8x3
NK 15546 t et, endo, karyo, meridia

BOLIVIA: Santa Cruz Dept, 1 km S Miraflores 17°28' S, 63°13' W

2 June 1988

- 1894 *Ctenomys boliviensis* embryo NK 15552
- 1895 " " " NK 15553



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1988

BOLIVIA: Santa Cruz Dept, 3 km S, 11 km E Montero
17°23' S, 63°09' W

3 June 1988

1896 ♀ *Ctenomys boliviensis* 312-84-43-8=325 gr. (No embryo)
NK 15567 + et, endo

6 km S, 10 km E Montero 17°24' S, 63°09' W

1897 ♀ *Ctenomys boliviensis* 275-73-42-10=295 gr. (No embryo)
NK 15568 + et, endo

8.5 km S, 8 km E Montero, 17°26' S, 63°10' W

1898 ♀ *Ctenomys boliviensis* 295-81-43-92.335 gr. 1 embryo (NK 15573)
NK 15589 + et, endo

4 km SW La Belgica

1899

1900

1900

4 km SW La Belgica ^{5 June 1988} 17°35' S, 63°15' W, elev. 370m

1901 Canis (skull only)

BOLIVIA: Santa Cruz Dept, 8 km W Santa Cruz,
17°44' S, 63°47' W elev. 250m

7 June 1988

1902 ? *Ctenomys boliviensis* (embryo of NK 15627), 40mm c/r
NK 15628 + et, ale ≈ 5 gr

1903 ? *Ctenomys boliviensis* (embryo of NK 15627) 40mm c/r
NK 15629 + et, ale ≈ 5 gr.

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1988

BOLIVIA: Santa Cruz Dept, 8 km W Santa Cruz
17°44'S, 63°17'W, elev. 250 m

8 June 1988

1904 ♀ *Ctenomys boliviensis* 201-79-41-9 = 260g (No embryos)
NK 15634 + et, endo, uterus, skull

1905 Frog

9 June 1988

1906 ♂ *Pygoderma* 63-0-13-22 = 24g (Testis 5x3)
NK 15647 tet, skull

BOLIVIA: Santa Cruz Dept 15 km S Santa Cruz
17°55'S, 63°08'W Las Comitas 12 June 88

1907 ♀ *Ctenomys boliviensis* 292-85-42-8 = 250g (No embryos)
NK 15699 + et, endo, karyo, skull

1908 ♀ *Ctenomys boliviensis* 256-79-42-8 = 210g (No embryos)
NK 15901 + et, endo, skull, karyo

~~BOLIVIA: SANTA CRUZ~~

14 June 1988

1909 ♀ *Ctenomys boliviensis* 242-65-36-7 = 170g (N.E.)
NK 15725 + et, endo, skull, karyo

1910 ♂ " " 267-77-39-8 = 210g
NK 15727 + et, karyo, skull, endo, phallus

1911 ♂ " " 243-68-37-8 = 220g
NK 15728 + et, endo, skull

15 June 1988

1912 ♂ *Ctenomys boliviensis* 204-69-48-9 = 220g
NK 15740 + et, karyo, endo, skull, ^{meiotic, phallus}

1913 ♀ " " 303-83-44-11 = 450g
NK 15743 tet, karyo, skull, endo

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BOLIVIA, Santa Cruz Dept, 15 km S Santa Cruz, ^{Las Lunetas 400m} 17°55'S, 63°08'W

16 June 1988

- 1914 ♂ *Ctenomys boliviensis* 271-75-41-9 = 265 gr. ~~test~~ ^{testis, sperm,} ~~testis, sperm,~~ ^{test, endo, skel,}
NK 15750
- 1915 ♀ *Carollia* 277-9-13-22 = 23 gr (No embryos)
NK 15755 + et, skel
- 1916 ♂ *Akodon* 199-88-25-18 = 40.5 gr (Testis 9x4)
NK 15758 + et, skel
- 1917 ♀ *Akodon* 144-65-23-18 = 17 gr
NK 15761 + et, skel

18 June 1988

- 59766
1918 ♂ *Carollia* 76-10-15-22 = 21 gr (Testis 2x2)
NK 15782 + et, skel
- 1919 ♀ *Vampyrops* 66-0-12-20 = 20 gr (No embryos)
~~NK 15787~~ NK 15787 + et, skel
- 1920 ♂ *Carollia* 81-12-15-23 = 21 gr (Testis 6x4)
NK 15794 + et, skel
- 1921 ♀ *Carollia* 78-10-15-21 = 28 gr
NK 15793 + et, skel
- 1922 ♀ *Akodon* ^{19 June 1988} 170-78-25-19 = 27 gr
- 1923 ♂ " 183-85-24-18 = 36 gr.
- 1924 ♀ " 195-82-24-16 = 46 gr
- 1925 ♂ *Carollia* ^{17 June 1988} 78-8-14-16 = 20 gr. NK 15781 + ecto only
- 1926 ♀ *Akodon* ^{19 June 1988} (132)-(31)-23-16 = 34 gr.
^{18 June 1988}
- 1927 ♀ *Pygoderma* 70-0-14-22 = 24 gr (No embryos)
NK 15803 + et, ecto, skel
- 1928 ♀ *Pygoderma* 68-0-14-22 = 24 gr (No embryos)
NK 15811 + et, ecto, skel

free shipping
etc

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1988

BOLIVIA: 15 km S Santa Cruz, Santa Cruz Dept
17°55'S, 63°08'W, 400 m, Las Lomitas 19 June 1988

alcohol 1929 ♂ *Stenomys* 73-0-16-18 = 23.5 gr

NK 15802 + ecto, ~~skel~~

alcohol 1930 ♂ *Coevalia* 75-9-15-20 = 22 gr.

NK 15816 + ecto

alcohol 1931 ♂ *Artibeus* 88-0-14-21 = 48 gr

NK 15801 + ecto

alcohol 1932 ♀ *Vampyrus* 71-0-14-20 = 24 gr

alcohol 1933 ♂ *Stenomys* 66-0-11-17 = 20 gr

BOLIVIA: Santa Cruz Dept, 18 km S Santa Cruz
19 June 1988 17°56'S, 63°08'W

1934 ♀ *Ctenomys boliviensis* 289-81-41-8 = 315 gr

NK 15827 + et, endo, kryo, skel

1935 ♀ " " 270-76-41-6 = 265 gr

NK 15833 + et, endo, skel

alcohol 1936 ♀ " " 124-31-21-5 = 29.5 gr

NK 15841 + et, (embryo of NK 15830)

BOLIVIA: Santa Cruz Dept, 15 km S Santa Cruz, Las Lomitas
17°55'S, 63°08'W, 400 m.

20 June 1988

1937 ♂ *Ctenomys boliviensis* 279-76-45-7 = 293 gr.

NK 15856 + et, sperm, endo, kryo

BOLIVIA: Santa Cruz Dept, 20 km S Santa Cruz,
17°57'S, 63°09'W, 400 m

20 June 1988

1938 ♀ *Ctenomys boliviensis* 234-69-41-8 = 205 gr

NK 15858 + et, endo, kryo, skel

1939 " " 272-68-39-8 = 310 gr (fasting)

NK 15859 + et, endo, kryo, skel

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BOLIVIA: Santa Cruz Dept, El Palmar del Oratorio
17° 53' S, 63° 09' W, elev. 400 m

23 June 1988

- 1940 ♀ *Ctenomys boliviensis* 294-72-41-9 = 360g.
NK 15888 + et, karyo, endo, skel
- 1941 ♂ " " 329-81-45-11 = 430g
-NK 15880 + et, endo, skel

BOLIVIA: Santa Cruz Dept, 15 km S Santa Cruz, Las Lonitas
17° 55' S, 63° 08' W, elev. 400 m

25 June 1988

- 1942 ♀ *Ctenomys boliviensis* 177-53-25-? = 35g. eaten by ants
NK 15897 + et, endo, skel only

~~BOBACONA~~

20 June 1988

- 1943 ♀ *Ctenomys boliviensis* 305-84-44-9 = 328g. (No embryos)

BOLIVIA: Santa Cruz Dept, 1 km SE Puerto Palca

29 June 1988

- 1944 ♂ *Ctenomys boliviensis* (241)-(60)-37-9 = 210g. (Testis 6x4)
NK 15923 + et, karyo, skel
- 1945 ♀ *Ctenomys boliviensis* 240-72-37-8 = 185g. (No embryos)
NK 15925 + et, karyo, skel

30 June 1988

- alc 1946 ♂ *Carollia* 76-11-13-22 = 22.5g
NK 15912 + et
- alc 1947 ♀ *Carollia* 77-10-15-23 = 21g
NK 15913 + et
- alc 1948 ♂ *Carollia* 77-10-15-23 = 24g
NK 15916 + et

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1988

BOLIVIA: Santa Cruz Dept, 1 km SE Puerto Paqay

- 29 June 1988
1949 ♀ *Ctenomys boliviensis* 285-90-42-10 = 350gr.
NK 15919 t et, karyo, skull, endo
1950 ♀ *Ctenomys boliviensis* 319-92-41-13 = 405g (4 emb)
NK 15921 t et, karyo, skull, endo
30 June 1988
1951 ♂ *Glossophaga* 70-7-11-15 = 15g
NK 15942

BOLIVIA: Santa Cruz Dept, Santa Cruz de la Sierra,
12 de Octubre Barrio,

- 12 July 1988
1952 ♂ *Ctenomys boliviensis* 266-70-39-8 = 240g (testis 5x4mm)
NK 15944 t et, karyo, skull, endo
BOLIVIA: Santa Cruz Dept, Brecha 542

- 22 June 1988
1953 ? *Tayassu* - lower jaw only
1954 *Coendou prehensilis* skull & 1/2 lower jaw
1955 *Tayassu* - skull only
1956 Fox - skull only

1988
JAC

New Mexico: Bernalillo Co., UNM captive colony

15 August 1988

1957 ♀ *Octodon degu* alcoholic newborn NK 15971
1958 ♂ " " " " NK 15972

BOLIVIA: Santa Cruz Dept 1 km SE Puerto Paez

30 June 1988

1959 ♀ *A. nanus boliviensis*

New Mexico: Santa Fe Co La Tierra Nueva

ca. 8 mi. WNW of Santa Fe

22 August 1988

1960 ♀ *Mustela frenata* 371-145-41-24 = 260 gr.
NK 17641 tet, skel, endos

COSTA RICA: HEREDIA: 2 km NE GETSEMANÉ

10°04' N, 84°05' W

8 JAN 1989

1961 ♀ *A. tibeus* 58-0-10-18 = 12.5 gr. (vagina open)
NK 17801 + et, skel

1962 ♀ *Sturnira* 62-0-11-17 = 16.5 gr. (embryo on 9 gr.)
NK 17803 + et, skel

1963 ♀ *Carollia* 71-6-13-19 = 13.5 gr.
NK 17804 + et, skel

1964 ♀ *A. tibeus* 62-0-12-18 = 13.5 gr.
NK 17805

1965 ♀ *Oryzomys* 246-130-28-22 = 49 gr. (2 embryos)
NK 17807 + et, skel

9 JAN
1966 ♂ *Sturnira* 64-0-25-18 = 17 gr. (Testis 3 mm)
NK 17812 + et, skel

1967 ♀ *Reithrodontomys* 182-104-20-16 = 13 gr. (lactating)

TAC
1989

COSTA RICA: Cartago Prov., Rte 8, Km 28, Volcán (near
highway) 2960 m, La Pastora

10 JAN 1989

1968 ♂ *Reithrodontomys* 64-89-9-14 = 12 gr
NK 17816, + et, endo, skel

COSTA RICA: GUANACASTE PROV 2 KM NW BRASILETAS,
FLAMINGO BEACH

13 JAN 1989

1969 *Artibeus* 96-0-19-24 = 55 gr
NK 17817 + et, skel

COSTA RICA: PUNTARENAS PROV. MONTEGRUE
COMMUNITY

14 JAN 1989

1970 ♀ *Centurio senex* 62-0-14-18 = 18 gr. (No embryos)
NK 17829 + et, skel

1971 ♀ *Artibeus* 57-0-13-16 = 12 gr. (No embryos)
NK 17827 + et, skel

1972 ♂ *Myotis* 80-34-9-12 = 4 gr
NK 17820

1973 ♂ *Artibeus* 92-0-17-24 = 57 gr. (Testis 8x5)
NK 1782

1974 ♀ *Artibeus* 88-0-16-20 = (Testis 7x5)
NK 17826 + et, skel

1975 ♂
186-116-17-17 = 125 gr
NK 17831

1976 ♀
~~1977~~
~~1978~~
246-130-25-21 = 37 gr.
NK 17832

TAC
1989

COSTA RICA: PUNTARENAS PROVINCE: MONTEVERDE

<u>COMMUNITY</u>	<u>14 JAN 1989</u>
1977 ♂ <u>Oryzomys</u>	247-129-25-20 \approx 39 gr NK 17833
1978 ♂ <u>Artibeus</u>	89-0-19-21 \approx 58 gr NK 17834 + et, skull
1979 ♀ <u>Scotinomys</u>	<u>15 JAN 1989</u> 134-60-22-14 \approx 11.5 gr NK 17835

JAC
1990

et

①

28 June 1990

BOLIVIA: SANTA CRUZ; ^{2 km SSE} Santa Rosa de la Roca 61°27'W, 15°50'S

- 2101 ♂ Ctenomys 238-70-35-10 = 145 gr
NK 21005 + et, skel, endo
- 2102 ♀ " 280-73-37-11 = 220 gr
NK 21006 + et, skel, endo, karyo
- 2103 ♀ Oligoryzomys Santa Rosa de la Roca, 61°27'W, 15°50'S
243-135-24-19 = 34.5 gr. lactating
NK 21019 + et, skel, endo, karyo
- Santa Cruz: 2 km SSE Santa Rosa de la Roca
61°27'W, 15°50'S 28 June 1990
- 2104 ♀ Glossophaga soricina? 69-12-12-15 = 10 gr
NK 21021 + et, endo, skel
- 2105 ♂ " " 61-7-12-15 = 9 gr + et, endo, skel
NK 21023 (Testis 3mm)
- 2106 ♂ Sturnina 67-0-13-18 = 21 gr (Testis 4x3mm)
NK 21025 + et, endo, karyo, skel
- 2107 ♂ " 70-0-14-17 = 21 gr (Testis 6x5)
NK 21026 + et, endo, karyo, skel
- 27 June 1990
- 2108 ♀ Ctenomys boliviensis 291-88-40-12 = 210 gr (no embryos)
NK 21030 + et, endo, karyo, skel
- Santa Cruz: ~~Santa~~ Santa Rosa de la Roca
- 27 June 1990
- Alcoholic 2109 ♂ Artibeus 87-0-17-23 = 46 gr
NK 21032 + et, endo, skull
- " 2110 ♀ " 90-0-17-24 = 50 gr
NK 21033 + et, endo, skull
- " 2111 ♀ " 91-0-16-22 = 47 gr
NK 21034 + et, endo, skull

JAL 1990

(2)

ALB

BOLIVIA: Santa Cruz; Santa Rosa de la Poca, 15°55'S, 61°27'W

27 June 1990

Alcohol 2112 ♀ Artibeus

88-0-16-24 = 45.5 gr.

NK 21035 t et, skull, endo

BOLIVIA: Santa Cruz: 90 km E San Ramon,

16°46'S, 62°42'W

30 June 1990

alcohol 2113 ♂ Carollia

78-13-15-22 = 19 gr

NK 21123 t et, skull

" 2114 ♂ "

X-12-16-22 = 18 gr

NK 21124 t et, skull

" 2115 ♀ "

X-15-14-22 = 21 gr

NK 21125 t et, skull

" 2116 ♂ "

X-12-15-20 = 20.5 gr.

NK 21126 t et, skull

" 2117 ♂ "

78-8-14-21 = 17.5 gr.

NK 21127 t et, skull

" 2118 ♂ Hesperophaga

68-7-10-14 = 11.5 gr

NK 21083 t et, skull

" 2119 ♀ "

66-9-10-12 = 9 gr

NK 21084 t et, skull

" 2120 ♀ "

67-11-11-14 = 8.5 gr.

NK 21095 t et, skull

" 2121 ♂ "

67-11-12-13 = 10 gr

NK 21086 t et, skull

2122 ♂ "

65-11-11-12 = 10.5 gr

NK 21095 t et, skull

2123 ♂ Carollia

79-14-15-21 = 20.0 gr

NK 21096 t et, skull

2124 ♀ Carollia

69-6-12-21 = 18.0 gr

NK 21097 t et, skull

JAC
1990

BOLIVIA: Santa Cruz Dept, La Junta, 70 km N of Santa Rosa de la Rocca

28 June 1990

2125 *Tapirus terrestris* skull only, found alongside road

BOLIVIA: Santa Cruz Dept, 2 km SW de Estancia Las Cruces

17°47' S, 63°22' W, 480 m

6 July 1990

- 2126 ♂ *Onychomys* 211-93-22-7 = 47 g. (Testis 8x5)
NK 21164 + et, skull
- 2127 ♀ *Atadon* 178-73-25-18 = 31 g. (No embryos)
NK 21166 + et, skull
- 2128 ♀ *Calomys* 179-78-21-18 = 33.5 g. (No embryos)
NK 21167 + et, skull
- 2129 ♂ *Calomys* 180-82-21-18 = 28 g. (Testis 4x2)
NK 21170 + et, skull
- 2130 ♀ *Calomys* 178-76-20-16 = 29.5 g. (No embryos)
NK 21171 + et, skull
- 2131 ♀ *Calomys* 156-70-21-17 = 22 g. (No embryos)
NK 21172 + et, skull
- 2132 ♂ *Calomys* 167-71-20-18 = 24 g.
NK 21173 + et, skull

BOLIVIA: Santa Cruz Dept, 3 km SW Estancia Las Cruces

17°47' S, 63°22' W

6 July 1990

- 2133 ♂ *Onychomys* 267-138-32-22 = 54 g.
NK 21207 + et, skull
- 2134 ♂ " 286-148-35-25 = 57 g.
NK 21210 + et, skull
- alcohol 2135 ♂ *Calomys* 196-83-16-21 = 42 g.
NK 21183 + et, skull

JAC
1990

BOLIVIA: Santa Cruz Dept, 3 km SW Estancia Las Cruces

17°47'S, 63°22'W 6 July 1990

- 2136 ♀ *Calomys* 190-79-21-18 = 42 gr
NK 21184 + et, skull
2137 ♀ " 164-64-20-16 = 25.5 gr
NK 21185 + et, skull
2138 ♀ " (131) (29) - 21-17 = 27 gr
NK 21186 + et, skull

BOLIVIA: Santa Cruz Dept, Cerro Itahuaticua, 810 m

19°48'S, 63°31'W, Estancia Yatignigua

10 July 1990

alcohol
entire
no skull

- 2139 ♂ *Ctenomys* 194-57-28-7 = 82 gr.
NK 21234 + et, karyo, skel, endo
2140 ♀ *Ctenomys* 261-65-33-7 = 154 gr
NK 21235 + et, karyo, ~~skel~~, endo
" 2141 ♀ *Ctenomys* 11 July 1990
255-75-35-8 = 186 gr.
NK 21286 + nada
2142 ♂ " 11 July 1990
275-74-38-10 = 272
NK 21287 + et, karyo, sperm, pecker
2143 ♂ " 310-90-41-4 = 360 gr.
NK 21288 - + et, karyo, sperm, pecker
2144 ♂ *Calomys* 12 July 1990
164-72-19-18 = 20 gr
NK 21305 + et, skel,
2145 ♂ " 144-66-21-18 = 12 gr
NK 21306
2146 ♂ *Thylamys*
Marmosa elegans 244-142-15-25 = 21 gr
NK 21307

BOLIVIA: Chuquisaca Dept; 2 km SW of Monteagudo

19°49'S, 63°58'W, 1130m

14 July 1990

2147 ♀ Ctenomys

253-73-34-9 = 180 gr ~~+ et~~

NK 21420 + et, endo + skel

2148 ♂ Ctenomys

233-74-33-8 = 115 gr

NK 21422 + et, endo, skel

15 July 1990

2149 ♂ Oxymycterus

251-109-31-20 = 61 gr.

NK 21471 + et, Keryo, skel

2150 Oxymycterus

219-98-29-19 = 39 gr

NK 21473 + et, Keryo, skel

~~Alcohol~~
+ skull 2151 Ctenomys

275-74-35-8 = 210 gr.

NK 21472 + et, Keryo, skel

" 2152 ♀ ~~Akodon~~

~~134-51-19-14 = 11.2 gr.~~

NK 21480 + et, skel

" 2153 ♀ "

152-76-19-15 = 16 gr

NK 21483 + et, skel

" 2154 ♂ "

149-67-21-14 = 14.6 gr.

NK 21487 + et, skel

" 2155 ♂ Oligomyzomys

204-121-25-19 = 14.9 gr.

NK 21489 + et

" 2156 ♀ Oligomyzomys

171-103-23-16 = 9 gr

NK 21492 + et, Keryo

JAC

①
18 May 1991BOLIVIA: Santa Cruz Dept., 14 Km NE San Ramon16°35'S, 62°35'W, elev. 540 m18 May 1991

- 2189 ♂ Glossophaga 62-6-10-15 = 8 yr
NK 22724 + tiss, endo, skull
- 2190 ♂ Corollia 72-10-15-21 = 18 yr. (Testes 7x4)
NK 22728 + tiss, endo, skull
- 2191 ♂ Corollia 75-11-13-22 = 18 yr
NK 22732 + tiss, endo, skull
- 2192 ♀ Glossophaga 73-9-14-21 = 15 yr
NK 22733 + tiss, skull
- 2193 ♂ Pygoderma 66-0-14-21 = 18 yr.
NK 22736 + tiss, skull

BOLIVIA: Santa Cruz Dept., 1 Km NE Estancia Cuervas,Highway 101 from Santa Cruz, 18°11'S, 63°44'W, elev. 1300 m23 May 1991

- 2194 ♂ Sturnira 67-0-13-16 = 29 yr (Testes 4x2)
NK 22785 + et, skull, endo, ecto
- 2195 ♂ Sturnira 62-0-14-18 = 14 yr (Testis 4x5)
NK 22786 + et, skull, endo, ecto
- 2196 ♂ Sturnira 66-0-12-18 = 21 yr (Testis 1x2 mm)
NK 22788 + et, skull, endo, ecto

BOLIVIA: Santa Cruz Dept., 6 Km NE Quine, 18°02'S, 64°09'W, elev. 1975~~D. atyles tajacu~~26 May 1991

- 2197 D. atyles tajacu

JAC
1991

(2)

BOLIVIA: Cochabamba Dept, Tinkasiri, 17 Km E of Totora, 17°45'S, 65°02'W, elev. 2950

30 May 1991

- 2198 ♀ *Microxus?* 195-88-23-16E 22gr. lactating
NK 22852 + et, endo, ecto, skel
- 2199 ♀ " 162-76-24-14E 19gr.
NK 22853 + et, endo, ecto, skel
- 2200 ♀ *phyllotis* 239-129-27-21E 37gr. (No embryo)
NK 22856 + et, endo, karyo, ecto, skel

BOLIVIA: Cochabamba Dept, 0.5 Km S Llitha Pampa, 17°45'S, 64°59'W, 2700m

31 May 1991

- Alcohol 2201 ♀ *Ctenomys* 243-79-32-8E 193gr (No embryo)
NK 22886 + et, karyo, endo, ecto

BOLIVIA: Cochabamba Dept, 3 Km (by road) N of Tomacillas 17°51'S, 64°38'W, elev. 2625m

2 June 1991

- 2202 ♀ *Akodon* 140-90-18-12E 14gr
NK 22905 + skel, et, endo, ecto, karyo

BOLIVIA: Santa Cruz Dept. Serrania Siberia, 11 Km NW (by road) of Tomacillas, 17°49'S, 64°41'W, elev. 2650 m

3 June 1991

- 2203 ♂ *Akodon* 180-79-19-19E 19gr
NK 22916 + skel, et, endo, ecto, ≠
- 2204 ♂ *Oryzomys* 184-80-17-22E 25gr
NK 22936 + skel, et, karyo, endo, ecto
- 2205 ♂ *Oryzomys* 178-85-22-16E 16gr
NK 22935 + skel, et, endo, ecto, karyo

JAC
1991

BOLIVIA: Santa Cruz Dept., Rio Arizuma 7 km SE of Arizuma by road, 18°20'S, 64°13'W, elev 1750 m.

5 June 1991

- 2206 ♀ *Marmosa* 235-128-13-20 ≡ 20g
NK 22947 +skel, endo, ET
- 2207 ♀ " 218-117-15-21 ≡ 19g.
NK 22948 +et, skel, Karyo, ecto, endo
198-112-13-22 ≡ 15g.
~~NK 22946~~
- 2208 ♀ " NK 22949 +et, skel, Karyo, ecto, endo
- 2209 ♀ " 231-141-14-23 ≡ 19g.
NK 22950 +et, skel, Karyo, ecto, endo

BOLIVIA: Santa Cruz Dept., Rio Los Cuñigat, 5.5 km NE Vallegrande by road, 18°28'S, 64°08'W, elev 1800 m.

5 June 1991

- 2210 ♂ *Glomys* 248-69-34-5 ≡ 252g
NK 22957 +skel, ET, Karyo, ecto, endo
- ~~2211 ♀ *Phyllotis* NK 22960 +skel, ET, Karyo, ecto, endo~~

BOLIVIA: Santa Cruz Dept., 17 km S. Quire by road, 18°12'S, 64°18'W, elev. 2100 m.

4 June 1991

- 2211 ♀ *Phyllotis* 245-143-27-27 ≡ 99g
NK 22968 +skel, ET, Karyo, ecto, endo
- 2212 ♂ *Phyllotis* 172-66-29-21 ≡ 41g
NK 22965 +skel, ET, endo, ecto

BOLIVIA: Santa Cruz Dept., 5.5 km NNE by road of Vallegrande 18°28'S, 64°08'W, elev. 1800 m

5 June 1991

- 2213 ♀ *Glomys* 236-75-35-8 ≡ 197g (No embryos)
NK 22958 +et, ecto, skel, endo, Karyo

JAE (4)

BOLIVIA: SANTA CRUZ DEPT, 5.5 km NNE
Vallegonda by road, 18°28'S, 64°08'W elev. 1800m

5 June 1991

embryos in
alcohol

AMNH
264550

2214 Ctenomys

embryo of NK 22992

22997
NK + tissue, endo

2215 Ctenomys

embryo of NK 22992

NK 22998 + tissue, endo

2216 ♀ Ctenomys

262-78-38-8 = 162 gr.

NK 23012
7 June 1991

2217 ♂ Marmosa

237-137-14-23 = 22 gr

NK 23023 + et, kyo, skel, endo

2218 ♂ Marmosa

192-110-13-22 = 16 gr

NK 23025 + et, kyo, skel, endo

2219 ♂ Marmosa

199-110-15-22 = 17.5 gr

~~227-137-14-23 = 22 gr~~

NK 23026 + et, kyo, skel, endo

2220 ♂ Marmosa

216-125-15-22 = 18 gr (Testis 4x3)

NK 23027 + et, endo, kyo, skel

2221 ♂ Akodon

191-83-24-19 = 28 gr (Testis 8x4)

NK 23028 + et, endo, skel, ear

2222 ♂ Phyllotis

226-120-26-22 = 33 gr (Testis 11x2)

NK 23030 + et, skel, endo, ccto