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Research Article

A worldwide phylogenetic classification of the Poaceae (Gramineae) III: An update

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Abstract We present an updated worldwide phylogenetic classification of Poaceae with 11 783 species in 12 subfamilies, 7 supertribes, 54 tribes, 5 super subtribes, 109 subtribes, and 789 accepted genera. The subfamilies (in descending order based on the number of species) are Pooideae with 4126 species in 219 genera, 15 tribes, and 34 subtribes; Panicoideae with 3325 species in 242 genera, 14 tribes, and 24 subtribes; Bambusoideae with 1698 species in 136 genera, 3 tribes, and 19 subtribes; Chloridoideae with 1603 species in 121 genera, 5 tribes, and 30 subtribes; Aristidoideae with 367 species in three genera and one tribe; Danthonioideae with 292 species in 19 genera and 1 tribe; Micrairoideae with 192 species in nine genera and three tribes; Oryzoideae with 117 species in 19 genera, 4 tribes, and 2 subtribes; Arundinoideae with 36 species in 14 genera and 3 tribes; Pharoideae with 12 species in three genera and one tribe; Puelioideae with 11 species in two genera and two tribes; and the Anomochlooideae with four species in two genera and two tribes. Two new tribes and 22 new or resurrected subtribes are recognized. Forty-five new (28) and resurrected (17) genera are accepted, and 24 previously accepted genera are placed in synonymy. We also provide an updated list of all accepted genera including common synonyms, genus authors, number of species in each accepted genus, and subfamily affiliation. We propose *Locajonoa, a new name and rank with a new combination, L. coerulescens.* The following seven new combinations are made in *Lorenzochloa*: *L. bomanii, L. henrardiana, L. mucronata, L. obtusa, L. orurensis, L. rigidiseta*, and *L. venusta*.

Key words: C_3, C_4, classification, DNA, grasses, subfamily, subtribe, systematics, taxonomy, tribe.

1 Introduction

Taxonomy (scientific name and hierarchy) is the critical key for communication among scientists, land managers, bureaucrats, and the public concerned with the biodiversity, global conservation, legislation, and the endangerment of organisms on our planet. Classifications change as more taxa are described and rearranged based on new data. It is our goal to provide the most up-to-date classification for the grasses. Molecular DNA-derived phylogenies and genetic sequence studies are continually added to databases and the taxonomic literature. To update our Poaceae classification, we routinely search the literature for published phylogenetic trees and newer classifications, and we consult with collaborators and other agrostological specialists. In addition, we search the National Center for Biotechnology Information (NCBI) GenBank (https://www.ncbi.nlm.nih.gov/nucleotide/) to identify the presence of published DNA data for taxa beyond our unpublished sequences generated in our own lab at the Smithsonian. The abundance of significant new data has led us to another update to our worldwide phylogenetic classification of Poaceae (Soreng et al., 2015, 2017). Whole-plastome sequence data are now publicly available for more than 300 genera. Gallaher et al. (2022)

compiled and analyzed a whole-plastome data set, supplemented with *ndhF*, *matK*, and *trnL-F* for nearly 400 other genera to produce a dated tree and a broad-scale biogeographical analysis for the family. There are new phylogenetic studies using nuclear data that we have not yet considered in our classification (Baker et al., 2021; Huang et al., 2022; Zhang et al., 2022). We provide an updated phylogenetic classification that documents the occurrence of C_3 and C_4 photosynthetic pathways and includes the native biogeographic range of all genera in one succinct appendix, enabling the reader to see a quick sketch of the world's grasses. Our classification can be used for teaching agrostology, developing floristic accounts for the family, and is essential for accurate biogeographic reconstruction as addressed in this special issue on the biogeography of the grasses.

Our classification of the grass family was initiated for the Catalogue of New World Grasses project (http://legacy.tropicos.org/projectwebportal.aspx?pagename=Home&projectid=10; published in four volumes of the *Contributions from the United States National Herbarium,* vols. 38, 41, 48, & 49; Judziewicz et al., 2000; Peterson et al., 2001; Soreng et al., 2003; Zuloaga et al., 2003). Old World suprageneric taxa and genera were added to the classification arrangement in 2011 for all subfamilies. The latest grass classification is posted at: http://legacy.tropicos.org/projectwebportal.aspx?pagename=ClassificationNWG&projectid=10

The overall phylogenetic arrangement of Poaceae has changed little in the last 5 years (Soreng et al., 2017). However, the arrangement of the subfamilies of the PACMAD clade has remained problematical. Cotton et al. (2015) resolved Panicoideae at the base of PACMAD and Aristidoideae as sister to CMAD, but a basal position for Aristidoideae was resolved by Teisher (2016), Teisher et al. (2017), and Burke et al. (2016). Further analyses by Duvall et al. (2020) provided convincing evidence that Panicoideae was sister to the ACMAD clade. Here, we reverse the basal subfamily arrangement of PACMAD outlined in Soreng et al. (2017) and recognize Panicoideae as diverging first within PACMAD, followed by Aristidoideae.

2 Material and Methods

TROPICOS (https://www.tropicos.org/home), the Missouri Botanical Garden's online taxonomic database, is used to maintain taxonomic names of grasses at all ranks from family down to form, with authors, dates, protologues, and type specimen information (http://legacy.tropicos.org/NameSearch.aspx). We also use TROPICOS to record references (https://www.tropicos.org/reference/Search) (with key words such as biogeography, clock, coauthors' names, C_4, DNA, genera names, Poaceae, etc.), authors, distributions, collections, and book citations. In addition, synonymy and distribution according to particular publications are recorded in TROPICOS, and accepted genera and synonymy for accepted genera are routinely updated (http://legacy.tropicos.org/Reference/100019731). Plants of the World Online (http://powo.science.kew.org/) was consulted for numbers of accepted species and ranges along with various floras, taxonomic revisions, and specimen databases. The Global Biodiversity Information Facility (GBIF) (https://gbif.org) was consulted for distributions. To keep the Poaceae names up to date, new taxonomic literature is surveyed and the International Plant Name Index (IPNI) (https://beta.ipni.org/) is frequently consulted. Nevertheless, our tabulated numbers of taxa and native distributions sometimes differ from other sources, mostly due to coauthors' accounting, our own taxonomic opinions, and newer phylogenetic data, taxa, and revised taxonomy, and some anticipated reshuffling.

In Appendix I, the indigenous range of each genus is colored as follows: Western Hemisphere (blue), Eurasia (green—including genera that in Africa are exclusively Mediterranean, but not exclusively African), Australasia (orange—genera beyond the Wallace Line), and Africa (brown). Genera with bimodal distributions are bicolored, and those with broader distributions are tricolored, or are red if more widely distributed. Distribution coding was corrected or refined based on new taxonomy, from Soreng et al. (2017, Appendix II). This resulted from taxon group editors catching errors and updates due to taxonomic adjustments, but mainly from closer and more critical scrutiny of genera distributed on the area of the Wallace Line, with the help of Susanna Bryceson, by consulting POWO, and Tropicos where the Bamboo distributions from Vorontsova et al. (2016), and synonymy and distribution from grasses of India (Kellogg et al., 2020) were added (largely by Gerrit Davidse, with assistance from Heather Stimmel [MO] and Soreng, from a spread sheet prepared by Rengaian Ganesan and associates in India).

Of course, new phylogenies based on DNA markers were published for genera previously not studied and these names were italicized and added to Appendix I.

3 Results and Discussion

Our present classification covers 11 783 species, in 12 subfamilies, 7 supertribes, 54 tribes, 5 super subtribes, 109 subtribes, and 789 accepted genera for the world (Appendices I and II). The subfamilies (in phylogenetic sequence) are Anomochlooideae with four species in two genera and two tribes; Pharoideae with 12 species in three genera and one tribe; Puelioideae with 11 species in two genera and two tribes; BOP Clade–Oryzoideae with 117 species in 19 genera, 4 tribes, and 2 subtribes; Bambusoideae with 1698 species in 136 genera, 3 tribes, and 19 subtribes; Pooideae with 4126 species in 219 genera, 15 tribes, and 34 subtribes; PACMAD Clade–Panicoideae with 3325 species in 24 genera, 14 tribes, and 24 subtribes; Aristidoideae with 367 species in three genera and one tribe; Arundinoideae with 36 species in 14 genera and 3 tribes; Micrairoideae with 192 species in nine genera, and three tribes; Danthonioideae with 292 species in 19 genera and 1 tribe; and Chloridoideae with 1603 species in 121 genera, 5 tribes, and 30 subtribes. These numbers are summarized for the family and subfamilies in Table 1.

Genera in Appendix I are listed by accepted subfamily, major clade, supertribe, tribe, super subtribe, and subtribe. Color coding applicable for biogeographic studies and quick overview are used to indicate the general indigenous geographic range for each genus. Genera with DNA

Table 1 Summary of current Poaceae classification, numbers of taxa by family and subfamily

Family	Subfamilies	Major clades	Supertribes	Tribes	Super subtribes	Subtribes	Genera	Species
Poaceae	12		7	54	5	109	789	11783
	Anomochlooideae			2			2	4
	Pharoideae			1			3	12
	Puelioideae			2			2	11
	Oryzoideae	BOP		4		2	19	117
	Bambusoideae	BOP		3		19	136	1698
	Pooideae	BOP	5	15	3	34	219	4126
	Panicoideae	PACMAD	2	14		24	242	3325
	Aristidoideae	PACMAD		1			3	367
	Arundinoideae	PACMAD		3			14	36
	Micraioideae	PACMAD		3			9	192
	Danthonioideae	PACMAD		1			19	292
	Chloridoideae	PACMAD		5	2	30	121	1603

The spikelet clade (Kellogg, 2015) includes all subfamilies, except Anomochlooideae.

sequences are italicized. C_4 photosynthetic status is indicated for the highest rank in which it is consistent. Synonyms of suprageneric taxa are included in Appendix I. Appendix II alphabetically lists accepted genera with numbers of species and subfamily, and common synonyms.

Since our 2017 classification, we have added two tribes, 22 new or resurrected subtribes, and rearranged the basal split in the PACMAD clade. Tribe Crinipedeae (Hardion et al., 2017) is accepted here (previously it was treated as subtribe Crinipinae in Molinieae) since *Leptagrostis* C. E. Hubb. and *Piptophyllum* C. E. Hubb., of the *incertae sedis* genera in Molinieae in Soreng et al. (2017), are now placed in this tribe by Hardion et al. (2021), and *Zenkeria* Trin. was moved to Micraioideae. In Panicoideae, one new tribe was described, Jansenelleae (Bianconi et al., 2020), by removing the two C_3 genera, *Chandrasekharania* V. J. Nair, V. S. Ramsch. & Sreek., and *Jansenella* Bor from Arundinelleae (now all C_4).

In the Bambusoideae, tribe Arundinarieae (Zhang et al., 2020), three new subtribes were described: Ampelocalaminae, Gaoligonshaniinae, and Hsuehochloinae, and one was resurrected, the Thamnocalaminae.

In the Pooideae, eight new subtribes were named: Antinoriinae, Avenulinae, Brizochloinae, Helictochloinae, Hypseochloinae (Tkach et al., 2020), Paramochloinae (Da Silva et al., 2022), Dupontiinae, and Hookerochloinae (Gillespie et al., 2022).

Within Panicoideae tribe Andropogoneae, a major new classification was proposed by Welker et al. (2020) with two new subtribes: Chrysopogoninae and Rhytachninae; four resurrected subtribes: Anthistiriinae, Apludinae, Ratzeburgiinae, and Sorghinae; and the sinking of Coicinae into the Rottboelliinae. As a result, many genera were rearranged, and the subtribes are reordered here by Welker and Kellogg.

Within the Chloridoideae subtribes, Allolepiinae, Jouveinae, Kaliniinae, and Sohnsiinae were described, and based on DNA phylogeny, *Tetrachaete* Chiov. was moved from the Unioliinae (Eragrostideae) to the Hubbardochloinae (Cynodonteae) (Peterson et al., 2017, 2020b). *Nematopoa* C. E. Hubb. was resurrected from *Triraphis* R. Br. and placed in the Triraphideae (Peterson et al., 2022a).

Forty-five new or resurrected genera are accepted here post-publication of Soreng et al. (2017) (Table 2). Seventeen genera were resurrected in the following subtribes: Arundinariine (1), Olyrinae (1), Calothecinae (6), Sesleriinae (1), Loliinae (2), Cinninae (1), Boivinellinae (1), Neurachninae (1), Ratzeburgiinae (1), Sorghinae (1), and Triraphideae (1). Twenty-eight genera were newly described, including 9 in Bambusoideae, 16 in Pooideae, 2 in Panicoideae, and 1 in Chloridoideae. Table 2 lists newly accepted and newly published genera, including the genus the species were previously in (if not entirely new), arranged by subfamily and tribe along with literature references; these include Bambusoideae (Arundinarieae): *Brachystachyum* Keng, *Hsuehochloa* D. Z. Li, & Y. X. Zhang, *Khoonmengia* N. H. Xia, Y. H. Tong, & X. R. Zheng, *Ravenochloa* D. Z. Li & Y. X. Zhang, *Sinosasa* L. C. Chia ex N. H. Xia, Q. M. Qin, & Y. H. Tong; (Olyreae): *Brasilochloa* R. P. Oliveira & L. G. Clark, *Piresia* Swallen, *Taquara* I. L. C. Oliveira, & R. P. Oliveira; (Bambuseae): *Laobambos* Haev., Lamxay, & D. Z. Li, *Aulonemiella* L. G. Clark, Londoño, C. D. Tyrrell & Judz., *Tibisia* C. D. Tyrrell, Londoño, & L. G. Clark; Pooideae: (Stipeae): *Barkworthia* Romasch., P. M. Peterson, & Soreng, *Neotrinia* (Tzvelev) M. Nobis, P. D. Gudkova, & A. Nowak, *Pseudoeriocoma* Romasch., P. M. Peterson, & Soreng, *Ptilagrostiella* Romasch., P. M. Peterson, & Soreng, *Thorneochloa* Romasch., P. M. Peterson, & Soreng; (Poeae): *Sibirotrisetum* Barberá, Soreng, Romasch., Quintanar, & P. M. Peterson, *Greeneochloa* P. M. Peterson, Soreng, Romasch., & Barberá, *Boldrinia* L. N. Silva, *Calotheca* Desv., *Condilorachia* P. M. Peterson, Romasch., & Soreng, *Erianthecium* Parodi, *Lombardochloa* Roseng., & B. R. Arrill., *Microbriza* Parodi ex Nicora & Rúgolo, *Poidium* Nees, *Rhombolytrum* Link, *Rosengurttia* L. N. Silva, *Laegaardia* P. M. Peterson, Soreng, Romasch., & Barberá, *Paramochloa* P. M. Peterson, Soreng, Romasch., & Barberá, *Agrostula* P. M. Peterson, Romasch., Soreng, & Sylvester, *Alpagrostis* P. M. Peterson, Romasch., Soreng, & Sylvester, *Psilathera* Link, *Locajonoa Soreng*, *Xanthochloa* (Krivot.) Tzvelev, *Hyalopodium* Röser, & Tkach, *Arctohyalopoa* Röser & Tkach, *Cinnastrum* E. Fourn; Panicoideae: (incertae sedis): *Schmidiella* Veldkamp; (Paniceae): *Cnidochloa* Zuloaga; (Boivinellinae): *Pseudolasiacis* (A. Camus) A. Camus; (Neurachninae): *Dimorphochloa* S. T. Blake; (Ratzeburgiinae): *Thyrsia* Stapf; (Sorghinae): *Sarga* Ewart. Chloridoideae (Triraphideae): *Nematopoa* C. E. Hubb.; (Cynodonteae): *Schoenefeldiella* P. M. Peterson.

Table 2 New and resurrected genera, genus previously included in (Soreng et al., 2017), and references, arranged by **subfamily**, tribe, and subtribe as in Appendix I

New or resurrected genus, arranged by classification	Genus previously included in	References
Bambusoideae		
(Tribe Arundinarieae)		
(Incertae sedis)		
Khoonmengia N. H. Xia, Y. H. Tong, & X. R. Zheng	New genus and species	Tong et al. (2020)
(Subtribe Arundinariinae)		
Brachystachyum Keng	*Semiarundinaria*	Zhang et al. (2020)
Ravenochloa D. Z. Li & Y. X. Zhang	*Indocalamus*	Zhang et al. (2020)
Sinosasa L. C. Chia ex N. H. Xia, Q. M. Qin, & Y. H. Tong	*Sasa*	Qin et al. (2020)
(Subtribe Hsuehochloinae)		
Hsuehochloa D. Z. Li & Y. X. Zhang	*Ampelocalamus*	Zhang et al. (2018)
(Tribe Olyreae)		
(Subtribe Olyrinae)		
Brasilochloa R. P. Oliveira & L. G. Clark	*Sucrea*	Oliveira et al. (2020b)
Piresia Swallen	*Retzia*	Oliveira et al. (2020a)
Taquara I. L. C. Oliveira & R. P. Oliveira	*Parodiolyra*	Oliveira et al. (2020a)
(Tribe Bambuseae)		
(Incertae sedis)		
Laobambos Haev., Lamxay, & D. Z. Li	New genus and species	Haevermans et al. (2020)
(Subtribe Guaduinae)		
Tibisia C. D. Tyrrell, Londoño, & L. G. Clark	*Arthrostylidium*	Tyrrell et al. (2018)
(Subtribe Arthrostylidiinae)		
Aulonemiella L. G. Clark, Londoño, C. D. Tyrrell, & Judz.	*Arthrostylidium*	Clark et al. (2020)
Pooideae		
(Tribe Stipeae)		
Barkworthia Romasch., P. M. Peterson, & Soreng	*Achnatherum*	Peterson et al. (2019a)
Neotrinia (Tzvelev) M. Nobis, P. D. Gudkova, & A. Nowak	*Achnatherum*	Nobis et al. (2019); Peterson et al. (2019a)
Pseudoeriocoma Romasch., P. M. Peterson, & Soreng	*Achnatherum*	Peterson et al. (2019a)
Ptilagrostiella Romasch., P. M. Peterson, & Soreng	*Ptilagrostis*	Peterson et al. (2019a)
Thorneochloa Romasch., P. M. Peterson, & Soreng	*Achnatherum*	Peterson et al. (2019a)
(Tribe Poeae)		
(Subtribe Aveninae)		
Sibirotrisetum Barberá, Soreng, Romasch., Quintanar, & P. M. Peterson	*Trisetum*	Barberá et al. (2020)
(Subtribe Echinopogoninae)		
Greeneochloa P. M. Peterson, Soreng, Romasch., & Barberá	*Calamagrostis*	Peterson et al. (2019b, 2022c)
(Subtribe Calothecinae)		
Boldrinia L. N. Silva	*Chascolytrum*	Da Silva et al. (2022)
Calotheca Desv.	*Chascolytrum*	Da Silva et al. (2022)
Condilorachia P. M. Peterson, Romasch., & Soreng	*Trisetum*	Peterson et al. (2022c)
Erianthecium Parodi	*Chascolytrum*	Da Silva et al. (2022)
Lombardochloa Roseng. & B. R. Arrill.	*Chascolytrum*	Da Silva et al. (2022)
Microbriza Parodi ex Nicora & Rúgolo	*Chascolytrum*	Da Silva et al. (2022)
Poidium Nees	*Chascolytrum*	Da Silva et al. (2022)
Rhombolytrum Link	*Chascolytrum*	Da Silva et al. (2022)
Rosengurttia L. N. Silva	*Chascolytrum*	Da Silva et al. (2022)
(Subtribe Paramochloinae)		
Laegaardia P. M. Peterson, Soreng, Romasch., & Barberá	*Calamagrostis*	Peterson et al. (2019b)
Paramochloa P. M. Peterson, Soreng, Romasch., & Barberá	*Calamagrostis*	Peterson et al. (2019b)

Continued

Table 2 Continued

New or resurrected genus, arranged by classification	Genus previously included in	References
(Subtribe Agrostidinae)		
Agrostula P. M. Peterson, Romasch., Soreng, & Sylvester	*Agrostis*	Peterson et al. (2020a)
Alpagrostis P. M. Peterson, Romasch., Soreng, & Sylvester	*Agrostis*	Peterson et al. (2020a)
(Subtribe Sesleriinae)		
Psilathera Link	*Sesleria*	Kuzmanović et al. (2017)
(Subtribe Loliinae)		
Locajonoa Soreng	*Patzkea*	Romaschenko et al. (in prep.)
Xanthochloa (Krivot.) Tzvelev	*Leucopoa*	Romaschenko et al. (in prep.)
(Subtribe Coleanthinae)		
Hyalopodium Röser & Tkach	*Catabrosella*	Tkach et al. (2020)
(Subtribe Dupontiinae)		
Arctohyalopoa Röser & Tkach	*Hyalopoa*	Tkach et al. (2020)
(Subtribe Cinninae)		
Cinnastrum E. Fourn	*Cinna*	Gillespie et al. (2022)
Panicoideae		
(Incertae sedis)		
Schmidiella Veldkamp	New genus and species	Veldkamp (2018)
(Tribe Paniceae)		
(Incertae sedis)		
Cnidochloa Zuloaga	*Panicum*	Zuloaga et al. (2020)
(Subtribe Boivinellinae)		
Pseudolasiacis (A. Camus) A. Camus	*Lasiacis*	Bosser & Florens (1999); Vorontsova (2018)
(Subtribe Neurachninae)		
Dimorphochloa S. T. Blake	*Cleistochloa*	Thompson & Fabillo (2021)
(Tribe Andropogoneae)		
(Subtribe Ratzeburgiinae)		
Thyrsia Stapf	*Phacelurus*	Welker et al. (2020)
(Subtribe Sorghinae)		
Sarga Ewart	*Sorghum*	Welker et al. (2020)
Chloridoideae:		
(Tribe Triraphideae)		
Nematopoa C. E. Hubb.	*Triraphis*	Peterson et al. (2022a)
(Tribe Cynodonteae)		
(Subtribe Eleusininae)		
Schoenefeldiella P. M. Peterson	*Schoenefeldia*	Peterson et al. (2022b)

Synonyms of genera that are frequently recognized as distinct are included in Appendix I and are also listed alphabetically in Appendix II. Twenty-four genera accepted in 2017 are relegated to synonymy: *Anatherostipa* (Hack. ex Kuntze) Peñail. = *Lorenzochloa*, *Ancistragrostis* S. T. Blake = *Pentapogon*, *Apochiton* C. E. Hubb. = *Coelachyrum*, *Baptorhachis* Clayton, & Renvoize = *Paspalum*, *Bromidium* Nees, & Meyen = *Agrostis, Chaetotropis* Kunth = *Polypogon*, *Cladoraphis* Franch. = *Eragrostis*, *Chloachne* Stapf = *Poecilostachys*, *Cornucopiae* L. = *Alopecurus, Cyathorhachis* Nees ex Steud. = *Polytoca, Dichelachne* Endl. = *Pentapogon, Erianthus* Michx. = *Saccharum, Hemisorghum* C. E. Hubb. ex Bor = *Sorghum, Megalachne* Steud. = *Festuca, Miscanthidium* Stapf = *Miscanthus, Nanooravia* Kiran Raj, & Sivad. = *Dimeria, Narenga* Bor = *Miscanthus, Paraneurachne* S. T. Blake = *Neurachne*, *Podophorus* Phil. = *Festuca, Richardsiella* Elffers, & Kenn.-O′Byrne = *Eragrostis, Sclerachne* R. Br. = *Chionachne, Sclerostachya* (Andersson ex Hack.) A. Camus = *Miscanthus, Setiacis* S. L. Chen & Y. X. Jin = *Acroceras*, *Steirachne* Ekman = *Eragrostis, Stiburus* Stapf = *Eragrostis, Zingeria* P. A. Smirn. = *Colpodium*, and now *Gynmnachne* Parodi = *Rhombolytrum* (rather than *Chascolytrum*).

4 Taxonomy

4.1 We propose *Locajonoa* nom. et stat. nov. with a single new combination.

Locajonoa Soreng, nom. et stat. nov. Basionym: *Festuca* sect. *Lojaconoa* Catalán & Joch. Müll., Taxon 55(1): 141. 2006. TYPE: *Festuca coerulescens* Desf.

Locajonoa is an anagram of *Lojaconoa*, named for Michele Lojacono, Italian botanist (1853–1919), proposed here due to the bocking name *Lojaconoa* Bobrov (Bot. Zhurn. 52(11): 1598. 1967). *Lojaconoa* Gand. "gen. nov." (Fl. Eur. 25: 341. 1891.) is invalid

because it was published as a genus within a genus (*Festuca* L.), a misplaced rank. *Lojaconoa coerulescens* (Desf.) Gand., (Fl. Eur. 25: 341. 1891.) is also invalid because its genus is invalid.

Locajonoa coerulescens (Desf.) Soreng, comb. nov. Basionym: *Festuca coerulescens* Desf., Fl. Atlant. 1: 87. 1798 ≡ *Patzkea coerulescens* (Desf.) H.Scholz, Willdenowia 40: 200. 2010. ≡ *Koeleria coerulescens* (Desf.) Guss., Fl. Sicul. Prodr. 1: 39. 1824.

4.2 We propose seven new combinations in *Lorenzochloa* Reeder & Reeder (1969), which has priority over *Anatherostipa* (Hack. ex Kuntze) Peñail. (1996) and *Nicoraella* Torres (1997). *Lorenzochloa erectifolia* was incorrectly identified in Romaschenko et al. (2012) and authentic material was subsequently sampled and based on an unpublished DNA-derived phylogeny found nested within *Anatherostipa* s.s. (type *Stipa saltensis* Kuntze) and *Nicoraella* (type *Stipa bomanii* Hauman). Four other "*Anatherostipa*" species remain to be revised.

Lorenzochloa bomanii (Hauman) Romasch., comb. nov. Basionym: *Stipa bomanii* Hauman, Anales Mus. Nac. Buenos Aires 29: 397, f. 1. 1917 ≡ *Anatherostipa bomanii* (Hauman) Peñail. Gayana, Bot. 53(2): 279. 1996 ≡ *Nicoraella bomanii* (Hauman) Torres, Comis. Invest. Ci. 13: 73. 1997.

Lorenzochloa henrardiana (Parodi) Romasch., comb. nov. Basionym: *Stipa henrardiana* Parodi, Blumea, Suppl. 3: 68, f. 1946 ≡ *Anatherostipa henrardiana* (Parodi) Peñail. Gayana, Bot. 53(2): 279. 1996 ≡ *Nicoraella henrardiana* (Parodi) Torres, Comis. Invest. Ci. 13: 74. 1997.

Lorenzochloa mucronata (Griseb.) Romasch., comb. nov. Basionym: *Piptochaetium mucronatum* Griseb., Abh. Königl. Ges. Wiss. Göttingen 24: 296–297. 1879 ≡ *Oryzopsis mucronata* (Griseb.) Parodi, Revista Mus. La Plata, Secc. Bot. 6(25): 230, 306, f. 3D–E. 1944 ≡ *Nicoraella mucronata* (Griseb.) Torres, Comis. Invest. Ci. 13: 72. 1997 ≡ *Anatherostipa mucronata* (Griseb.) F. Rojas Gayana, Bot. 54(2): 170. 1997 = *Anatherostipa saltensis* (Kuntze) Peñail. Gayana, Bot. 53(2): 279. 1996.

Lorenzochloa obtusa (Nees & Meyen) Romasch., comb. nov. Basionym: *Piptatherum obtusa* Nees & Meyen, Gramineae 18—19. 1841 ≡ *Urachne obtusa* (Nees & Meyen) Trin. & Rupr., Sp. Gram. Stipac. 22. 1842 ≡ *Stipa obtusa* (Nees & Meyen) Hitchc., Contr. U.S. Natl. Herb. 24(7): 284. 1925 ≡ *Anatherostipa obtusa* (Nees & Meyen) Peñail. Gayana, Bot. 53(2): 279. 1996 ≡ *Nicoraella obtusa* (Nees & Meyen) Torres, Comis. Invest. Ci. 13: 74. 1997.

Lorenzochloa orurensis (F. Rojas) Romasch., comb. nov. Basionym: *Anatherostipa orurensis* F. Rojas Gayana, Bot. 54(2): 171–172, f. 3. 1997.

Lorenzochloa rigidiseta (Pilg.) Romasch., comb. nov. Basionym: *Oryzopsis rigidiseta* Pilg., Bot. Jahrb. Syst. 56 (Beibl. 123): 26. 1920 ≡ *Stipa rigidseta* (Pilg.) Hitchc., Contr. U.S. Natl. Herb. 24: 285. 1925 ≡ *Anatherostipa rigidiseta* (Pilg.) Peñail. Gayana, Bot. 53(2): 279. 1996 ≡ *Nicoraella rigidiseta* (Pilg.) Torres, Comis. Invest. Ci. 13: 75. 1997.

Lorenzochloa venusta (Phil.) Romasch., comb. nov. Basionym: *Stipa venusta* Phil., Verz. Antofagasta Pfl. 81. 1891 ≡ *Nicoraella venusta* (Phil.) Torres, Comis. Invest. Ci. 13: 75. 1997 ≡ *Anatherostipa venusta* (Phil.) Peñail. Gayana, Bot. 53(2): 279. 1996.

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Appendix 1. A worldwide phylogenetic classification of the Poaceae (Gramineae) III: cǎo (草), capim, çayır, çimen, darbha, ghaas, ghas, gish, gramas, graminius, gräser, grasses, gyokh, he-ben-ke, hullu, kasa, kusa, nyasi, pastos, pillu, pullu, zlaki, etc. Accepted suprageneric names appear in **bold** type with authors, followed by synonyms and authors. Publication dates for suprageneric taxa appear in square brackets [ ] (see tropicos.org for full references). The indigenous range of each genus is colored as follows: Western Hemisphere (blue), Eurasia (green-including genera that in Africa are exclusively Mediterranean, but not exclusively African), Australasia (orange), Africa (brown). Genera with bimodal distributions are bicolored, those with broader distributions tricolored, or are red if more widely distributed. Genera in synonymy (syn. – …..) are colored if the accepted genus is more widely distributed, i.e., in more than one area. *Genera in italics have been sampled in DNA studies*. Comments and C_3 and C_4 photosynthetic pathways are in brackets { }.

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superorder **Lilianae** Takht. order **Poales** Small

family **Poaceae** Barnhart [1895] (nom. alt.: Gramineae Juss. [1789])

subfamily **Anomochlooideae** Pilg. ex Potztal [1957] (syn. – Streptochaetoideae Butzin [1965]) {C_3}:

tribe **Anomochloeae** C.E. Hubb. [1934]: *Anomochloa*.

tribe **Streptochaeteae** C.E. Hubb. [1934]: *Streptochaeta*.

subfamily **Pharoideae** L.G. Clark & Judz. [1996] (syn. – subfamily Leptaspidoideae C.O. Morales [1998], supertribe Pharodae L. Liu [1980]) {C_3}:

tribe **Phareae** Stapf [1898] (syn. – Leptaspideae Tzvelev [1987]): *Leptaspis*, *Pharus*, Scrotochloa.

subfamily **Puelioideae** L.G. Clark, M. Kobay, S. Mathews, Spangler & E.A. Kellogg [2000] {C_3}:

tribe **Atractocarpeae** Jacq.-Fél. ex Tzvelev [1987] (syn. – tribe Atractocarpeae Jacq.-Fél. [1962, nom. inval.], Puelieae Soderstr. & R.P. Ellis [1988], subtribe Atractocarpinae E.G. Camus [1913], Pueliinae Stapf [1917, subtribe!]): *Puelia* (syn. – *Atractocarpa*).

tribe **Guaduelleae** Soderstr. & R.P. Ellis [1988]: *Guaduella*.

"BOP" clade {Clark et al., 1995; Clark et al., 2000, as **BEP**} {C_3}.

Indigenous Ranges: Africa, Australasia, Eurasia, Western Hemisphere, Widespread.

subfamily **Oryzoideae** Kunth ex Beilschm. [1833] (syn. – Ehrhartoideae Caro [1982], Oryzoideae Caro [1982, isonym]; Ehrhartinae Link [1827, invalid], Oryzeae Burmeist. [1837, unranked]) {C_3}:

incertae sedis: *Suddia* {probably Phyllorachideae}.

tribe **Streptogyneae** C.E. Hubb. ex C.E. Calderón & Soderstr. [1980] (syn. – tribe Streptogyneae C.E. Hubb. [1956, nom. inval.]; subtribe Streptogyninae Pilg. ex Potztal [1969]): *Streptogyna*.

tribe **Ehrharteae** Nevski [1937]: *Ehrharta*, *Microlaena*, *Tetrarrhena*, *Zotovia* {genera okay in Verboom et al., 2003, except for placement of one species of *Microlaena*; more study is needed}.

tribe **Oryzeae** Dumort. [1824] (syn. – Zizanieae Hitchc. [1920]):

subtribe **Oryzinae** Griseb. [1853] (syn. – Oryzeae Horan. [1847 {rank tribe or subtribe?}]): *Leersia*, *Maltebrunia*, *Oryza* (syn. – *Porteresia*), *Prosphytochloa*.

subtribe **Zizaniinae** Benth. [1881] (syn. – Luziolinae Terrell & H. Rob. [1974]): *Chikusichloa*, *Hygroryza*, *Luziola*, *Potamophila*, *Rhynchoryza*, *Zizania*, *Zizaniopsis*.

tribe **Phyllorachideae** C.E. Hubb. [1939] (syn. – Trachydastrae Stapf [1917, group]): *Humbertochloa*, *Phyllorachis*.

subfamily **Bambusoideae** Luerss. [1893] (syn. – Olyroideae Pilg. [1956], Parianoideae Butzin [1965]) {C_3}:

tribe **Arundinarieae** Asch. & Graebn. [1902] (syn. – supertribe Arundinariodae L. Liu [1980]; tribes Chimonocalameae Keng f. [1982, nom. inval.], Shibataeeae Nakai [1933]):

incertae sedis: *Khoonmengia*, Vietnamocalamus.

subtribe **Arundinariinae** Nees ex Lindl. [1836] (syn. – Aruninariinae Benth. [1881, isonym], Hack. [1887, isonym], Phyllostachydinae Keng f. [1992], Pleioblastinae Keng & Keng f. [1959], Sasinae Keng. f. [1992], Shibataeinae Soderstr. & R.P. Ellis [1988], Sinobambusinae Z.B. Wang [1987]): *Acidosasa* (syn. – *Metasasa*), *Arundinaria*, *Bashania*, *Brachystachyum* {reticulate: *Phyllostachys* × *Pleioblastus*}, *Chimonobambusa* (syn. – *Menstruocalamus*, *Oreocalamus*, *Qiongzhuea*), *Ferrocalamus*, *Gelidocalamus*, ×*Hibanobambusa* {reticulate: *Sasa* × *Semiarundinaria*}, *Indocalamus* (s.s.), *Indosasa*, *Oligostachyum* (syn. – *Clavinodum*), *Phyllostachys* (s.s.), *Pleioblastus* (syn. – *Nipponocalamus*, *Polyanthus*), *Pseudosasa* (syn. – *Yadakeya*), *Ravenochloa*, *Sasa* (syn. – *Neosasamorpha*), *Sasaella*, *Sasamorpha*, *Semiarundinaria* {reticulate: *Pleioblastus* × *Phyllostachys*}, *Shibataea*, *Sinobambusa* (syn. – *Neobambus*), *Sinosasa*.

Indigenous Ranges: Africa, Australasia, Eurasia, Western Hemisphere, Widespread.

subtribe **Thamnocalaminae** Keng. f. [1992]: *Bergbambos*, *Chimonocalamus*, *Fargesia* (syn. – *Borinda*, *Sinarundinaria*), *Kuruna*, *Oldeania*, *Sarocalamus*, *Thamnocalamus* s.s, *Yushania* (syn. – Burmabambus, Butania, Monospatha).

subtribe **Gaoligonshaniiae** D.Z. Li & Y.X. Zhang [2020]: *Gaoligongshania*.

subtribe **Ampelocalaminae** D.Z. Li & Y.X. Zhang [2020]: *Ampelocalamus* (syn. – Petrocalamus), *Drepanostachyum*, *Himalayacalamus*.

subtribe **Hsuehochloinae** D.Z. Li & Y.X. Zhang [2020]: *Hsuehochloa*.

tribe **Olyreae** Kunth ex Spenn. [1825] (syn. – supertribe Olyrodae Soderstr. & R.P. Ellis [1987 {1988}]; tribes Buergersiochloeae S.T. Blake [1946], Parianeae C.E. Hubb. [1934]).

subtribe **Buergersiochloinae** L.G. Clark & Judz. [2007] {expanded by Carvalho et al., 2021}: *Buergersiochloa*, Ekmanochloa, Mniochloa, *Piresiella*.

subtribe **Olyrinae** Kromb. [1875] (syn. – Olyreae Horan. [1847 {rank tribe or subtribe?}]: Agnesia, *Arberella*, *Brasilochloa*, *Cryptochloa*, *Diandrolyra*, *Froesiochloa*, *Lithachne*, Maclurolyra, *Olyra*, *Parodiolyra*, *Piresia*, *Raddia*, *Raddiella*, *Rehia*, *Reitzia*, *Sucrea*, *Taquara*.

subtribe **Parianinae** Hack. [1887]: *Eremitis*, *Pariana*, *Parianella*.

tribe **Bambuseae** Kunth ex Dumort. [1829] (syn. – supertribe Bambusodae L. Liu [1980]; tribes Arthrostylidieae E.G. Camus [1913], Baccifereae E.G. Camus [1913, nom. inval.], Chusqueae E.G. Camus [1913], Hickelieae A. Camus [1935, nom. inval.], Oxytenanthereae Tzvelev [1987]):

subtribe **Melocanninae** Benth. [1881] (syn. – Schizostachydinae Soderstr. & R.P. Ellis [1988]): Annamocalamus, *Cephalostachyum* (syn. – *Leptocanna*), *Davidsea*, *Melocanna*, *Neohouzeaua*, *Ochlandra*, *Pseudostachyum*, *Schizostachyum* (syn. – *Dendrochloa*, *Teinostachyum*), Stapletonia.

subtribe **Hickeliinae** A. Camus [1924] (syn. – Nastinae Soderstr. & R.P. Ellis [1988]): *Cathariostachys*, *Decaryochloa*, *Hickelia* (syn. – *Pseudocoix*), *Hitchcockella*, *Nastus*, *Perrierbambus*, *Sirochloa*, *Sokinochloa*, *Valiha*.

subtribe **Bambusinae** J. Presl [1830] (syn. – Dendrocalaminae Benth. [1881]): *Bambusa* (syn. – *Dendrocalamopsis*, *Leleba*, *Lingnania*, *Neosinocalamus*, Pseudobambusa), *Bonia*, Cochinchinochloa, *Dendrocalamus* (syn. – Klemachloa, *Sellulocalamus*, *Sinocalamus*), Fimbribambusa, *Gigantochloa*, *Maclurochloa*, *Melocalamus*, *Oreobambos*, *Oxytenanthera* (syn. – *Houzeaubambus*, *Scirpobambos*), *Phuphanochloa*, *Pseudoxytenanthera*, *Soejatmia*, *Thyrsostachys*, *Vietnamosasa*, *Yersinochloa*.

Indigenous Ranges: Africa, Australasia, Eurasia, Western Hemisphere, Widespread.

subtribe **Racemobambosinae** Stapleton [1984]: *Chloothamnus* (syn. – Oreiostachys), *Racemobambos* s.s., Widjajachloa.

subtribe **Dinochloinae** K.M. Wong & W.L. Goh [2016]: *Cyrtochloa*, *Dinochloa*, *Mullerochloa*, *Neololeba*, Pinga, Parabambusa, *Sphaerobambos*.

subtribe **Greslaniinae** K.M. Wong & W.L. Goh [2016]: *Greslania*.

subtribe **Holttumochloinae** K.M. Wong & W.L. Goh [2016]: *Holttumochloa*, *Kinabaluchloa*, Nianhochloa.

subtribe **Temburongiinae** K.M. Wong [2016]: *Temburongia*.

incertae sedis: *Laobambos*, *Neomicrocalamus*, Ruhooglandia, *Temochloa*.

subtribe **Chusqueinae** Soderstr. & R.P. Ellis [1988] (syn. – Neurolepidinae Soderstr. & R.P. Ellis [1988]): *Chusquea* (syn. – *Neurolepis*, *Platonia*, *Rettbergia*, *Swallenochloa*).

subtribe **Guaduinae** Soderstr. & R.P. Ellis [1988]: *Apoclada*, *Eremocaulon* (syn. – *Criciuma*), *Guadua*, *Olmeca*, *Otatea*, *Tibisia*.

subtribe **Arthrostylidiinae** Soderstr. & R.P. Ellis [1988]: *Actinocladum*, *Alvimia*, *Arthrostylidium*, *Athroostachys*, *Atractantha*, *Aulonemia* (syn. – *Matudacalamus*), *Aulonemiella*, *Cambajuva*, *Colanthelia*, *Didymogonyx*, *Elytrostachys*, *Filgueirasia*, *Glaziophyton*, *Merostachys*, *Myriocladus*, *Rhipidocladum*.

subfamily **Pooideae** Benth. [1861] (syn. – Secaloideae Rouy [1913]; Agrostidoideae Kunth ex Beilschm. [1833]; Hordeaceae Burmeist. [1837, unranked], Phalarideae Burmeist. [1837, unranked], Stipaceae Burmeist. [1837, unranked]) {C_3}:

tribe **Brachyelytreae** Ohwi [1941] (syn. – subtribe Brachyelytrinae Ohwi [1942]): *Brachyelytrum*.

supertribe **Nardodae** Soreng [2017] {Nardeae + Lygeeae}:

tribe **Nardeae** W.D.J. Koch. [1837] (syn. – subtribe Nardinae Kromb. [1875]): *Nardus*.

tribe **Lygeeae** J. Presl [1846] (syn. – subtribe Lygeinae Röser [2009], Spartineae Trin. [1824, nom. inval., based on *Lygeum*]): *Lygeum*.

tribe **Duthieeae** Röser & Jul.Schneider [2011], subtribe Duthieinae Pilg. ex Potztal [1969]): *Anisopogon*, *Danthoniastrum*, Duthiea s.s. (s.l., syn. – *Triavenopsis*), *Metcalfia*, *Pappagrostis*, *Pseudodanthonia*, *Sinochasea*, *Stephanachne*.

tribe **Phaenospermateae** Renvoize & Clayton [1985]: *Phaenosperma* {reticulate; see Hochbach et al., 2015}.

Indigenous Ranges: Africa, Australasia, Eurasia, Western Hemisphere, Widespread.

supertribe **Melicodae** Soreng [2017] {Brylkineae + Meliceae}:

tribe **Brylkinieae** Tateoka [1960] {sister to Meliceae} (syn. – subtribe Brylkiniinae Ohwi [1941]): *Brylkinia*.

tribe **Meliceae** Link ex Endl. [1830] (syn. – Glycerieae Link ex Endl. [1830] {sister to Brylkinieae}; subtribe Glyceriinae Dumort. [1869], Melicinae Fr. [1835]): *Glyceria* (syn. – *Devauxia*, *Hemibromus*, *Hydrochloa*, *Hydropoa*, *Nevroloma*, Porroteranthe), *Koordersiochloa* (syn. – *Streblochaete*), *Lycochloa*, *Melica*, *Pleuropogon*, *Schizachne*, *Triniochloa*.

supertribe **Stipodae** L. Liu [1980] {Stipeae + Amplelodesmeae}:

tribe **Ampelodesmeae** Tutin [1978] (syn. – Ampelodesminae Conert [1961]): *Ampelodesmos* {reticulate, apparently an ancient hybrid between parents from Stipeae and Duthieeae; see Romaschenko et al., 2012; Hochbach et al. 2015}.

tribe **Stipeae** Dumort. [1824] (syn. – subtribe Stipinae Griseb. [1846]; Aciachninae Caro [1982], Ortachninae Caro [1982]): *Achnatherum* (syn. – *Aristella*) {Eurasian/African only, Western Hemisphere species are in limbo, none belong in *Achnatherum* s.s., most are *Eriocoma* but not yet transferred}, *Aciachne*, *Amelichloa* {nested within *Nassella*, but an intergeneric hybrid origin has not been ruled out}, *Anemanthele*, *Austrostipa*, *Barkworthia*, *Celtica*, *Eriocoma* {incl. most American spp. of *Achnatherum*}, *Hesperostipa*, *Jarava*, *Lorenzochloa* (syn. – *Anatherostipa*, *Nicoraella*), *Macrochloa*, *Nassella*, *Neotrinia*, *Oloptum*, *Ortachne*, *Orthoraphium*, *Oryzopsis*, *Pappostipa*, *Patis*, *Piptochaetium*, *Piptatheropsis*, *Piptatherum*, *Psammochloa*, *Pseudoeriocoma*, *Ptilagrostiella*, *Ptilagrostis*, *Stipa*, *Stipellula* (*Stipella*), *Thorneochloa*, *Timouria*, *Trikeraia*. (and 4 species of *Anatherostipa* s.l. related to *Aciachne*)

tribe **Diarrheneae** C.S. Campb. [1985] (syn. – subtribe Diarrheninae Ohwi [1941]): *Diarrhena*, *Neomolinia*.

tribe **Brachypodieae** Harz [1880] (syn. – subtribe Brachypodiinae Hack. [1887]; Brachypodieae Hayek [1925, isonym]): *Brachypodium* (syn. – *Trachynia*).

supertribe **Poodae** L. Liu [1980] (syn. – Poodae T.D. Macfarl. & L. Watson [1982], isonym {tribe Poeae only}):

tribe **Poeae** R.Br. [1814] (syn. – Agrostideae Martinov [1820] {as Koleno = tribe, indirect ref. to Kunth}, Agrostideae Dumort. [1824], Airopsideae Gren. & Godr. [1855], Alopecureae W.D.J. Koch [1837], Anthoxantheae Link ex Endl. [1830], Aveneae Dumort. [1824], Beckmannieae Nevski [1937], Calamagrostideae Trin. [1824], Cinneae Ohwi [1941], Coleantheae Husn. [1896], Cynosureae Dumort. [1824], Dupontieae A. Löve & D. Löve, [1961, nom. nud.], Festuceae Dumort. [1824], Gaudinieae Rouy [1913], Graphephoreae Hyl. [1953], Hainardieae

Indigenous Ranges: Africa, Australasia, Eurasia, Western Hemisphere, Widespread.

Greuter [1967], Holceae J. Presl [1846], Lolieae Link ex Endl. [1830], Koelerieae Schur [1866, nom. nud.], Milieae Link ex Endl. [1830], Phalarideae Kunth [1829], Phleeae Dumort. [1824], Scolochloeae Tzvelev [1968], Seslerieae W.D.J. Koch [1837], Triseteae Gren. & Godr. [1855], Vilfeae Trin. [1824]):

Poeae CHLOROPLAST GROUP 1 (Aveneae type) {Soreng et al., 2007}:

subtribe **Torreyochloinae** Soreng & J.I Davis [2003]: *Amphibromus*, *Torreyochloa*.

subtribe **Phalaridinae** Fr. [1835]: *Phalaris* (syn. – *Baldingera*, *Phalaroides*, *Typhoides*).

subtribe **Aveninae** J. Presl [1830] (syn. – Gaudiniinae Holub ex Tzvelev [1976, nom. nud.], Graphephorinae Asch. & Graebn. [1900], Koeleriinae Asch. & Graebn. [1900], Lagurinae Saarela [2017]): *Acrospelion*, *Aegialina*, *Arrhenatherum*, *Avellinia*, *Avena* (syn. – Preissia), *Cinnagrostis* (syn. – *Leptophyllochloa*) {"*Deyeuxia*" of Latin America p.p. max.}, *Gaudinia*, *Graphephorum* {reticulate between *Acrospelion* and *Sphenopholis*/*Peyritschia* clade}, *Helictotrichon* s.s. (syn. – *Pseudarrhenatherum*; excl. *Avenula* and *Helictochloa*), *Koeleria* (syn. – *Airochloa*, *Brachystylus*, *Parafestuca*), *Lagurus*, *Limnodea*, *Peyritschia*, *Rostraria* s.s. {reticulate in type spp. only between *Aegialina* and *Gaudinia*-*Trichaeta* clades}, *Sibirotrisetum*, *Sphenopholis*, *Tricholemma*, *Trisetaria* s.s., *Trisetum* s.s., *Trisetopsis* {reticulate}, *Tzveleviochloa* {reticulate between *Acrospelion* and *Helictotrichon*}.

subtribe **Anthoxanthinae** A. Gray [1856] (syn. – Foenodorinae Krause [1909, nom. inval.]): *Anthoxanthum* (syn. – *Ataxia*, *Hierochloe*).

supersubtribe: **Agrostidodinae** Soreng [2017]: {Brizinae + Calothecinae + Echinopogoninae + Hypseochloinae + Agrostidinae}:

subtribe **Brizinae** Tzvelev s.s. [1968]: *Airopsis*, *Briza* (syn. – *Macrobriza*; excl. *Brizochloa*).

subtribe **Echinopogoninae** Soreng [2017] {Peterson et al., 2021b}: *Echinopogon*, *Greeneochloa*, *Pentapogon* (syn. – *Ancistragrostis*, *Dichelachne*, *Sclerodeyeuxia*), *Relchela*.

subtribe **Hypseochloinae** Röser & Tkach [2020]: *Hypseochloa*.

subtribe **Calothecinae** Soreng [2015] {Silva et al, 2021}: *Boldrinia*, *Calotheca*, *Chascolytrum*, *Condilorachia*, *Erianthecium*, *Lombardochloa*, *Microbriza*, *Poidium*, *Rhombolytrum* (syn. – *Gymnachne*), *Rosengurttia*.

subtribe **Paramochloinae** L.N. Silva & Saarela [2021]: *Laegaardia*, *Paramochloa*.

subtribe **Agrostidinae** Fr. [1835] (syn. – Calamagrostidinae Lindl. [1836, nom. nud.], Vilfinae Steud. [1854]; Chaeturaceae Link [1827, unranked]):

Indigenous Ranges: Africa, Australasia, Eurasia, Western Hemisphere, Widespread.

Agrostis (syn. – *Agraulus*, *Anomalotis*, *Bromidium*, *Didymochaeta*, *Chaetopogon*, *Linkagrostis*, *Neoschischkinia*, *Notonema*, *Trichodium*), *Agrostula*, *Alpagrostis*, *Calamagrostis* (syn. – *Ammophila*, *Deyeuxia*, *Stilpnophleum*), *Gastridium*, *Lachnagrostis* {reticulate between *Agrostis* and *Polypogon*}, *Podagrostis*, *Polypogon* (syn. – *Chaetotropis*, *Nowodwarskya*) {messy, reticulate with *Agrostis*}, *Triplachne*.

Poeae CHLOROPLAST GROUP 2 (Poeae type) {Soreng et al., 2007}:

subtribe **Scolochloinae** Tzvelev [1987] {this subtribe seems to share plastids with the classical Poeae and nrDNA with early GROUP 1 Aveninae}: *Dryopoa*, *Scolochloa*.

subtribe **Sesleriinae** Parl. [1845] (syn. – Miborinae Asch. & Graebn. [1899]) {reticulate: this subtribe shares plastids with the old Poeae and nrDNA with early Aveninae GROUP 1}: *Mibora*, *Echinaria*, *Oreochloa*, *Psilathera*, *Sesleria*, *Sesleriella*.

subtribe **Airinae** Fr. [1835] (syn. – Corynephorinae V. Jirásek & Chrtek [1962]): *Aira* (syn. – Aspris, Salmasia), *Avenella*, *Corynephorus*, *Periballia*.

subtribe **Antinorinae** Röser & Tkach [2020]: *Antinoria*.

subtribe **Helictochloinae** Röser & Tkach [2020]: *Helictochloa* {incl. *Avenula* p.p. non-typica, *A*. subg. *Pratavenastrum*}, *Molineriella*.

subtribe **Holcinae** Dumort. [1868]: *Holcus*, *Vahlodea*.

subtribe **Aristaveninae** F. Albers & Butzin [1977] (syn. – Deschampsinae Holub [1958, nom. nud.], Scribneriinae Soreng & J.I. Davis [2003]): *Deschampsia* s.s. (syn. – *Aristavena*, *Scribneria*, *Stylagrostis*) {excl. *Avenella*}.

supersubtribe **Loliodinae** Soreng [2017] {Loliinae + Dactylidinae + Cynosurinae + Ammochloinae + Parapholiinae}:

subtribe **Loliinae** Dumort. [1829] (syn. – Festucinae J. Presl [1830], Psilurinae Pilg. ex Potztal [1969]): *Castellia*, *Drymochloa*, *Festuca* (syn. – *Ctenopsis*, *Dielsiochloa*, *Helleria* (of E. Fourn.), *Hellerochloa*, *Loliolum*, *Megalachne*, *Micropyrum*, *Narduroides*, *Podophorus*, *Psilurus*, *Vulpia*, *Wangenheimia*), *Leucopoa*, *Locajonoa*, *Lolium* (syn. – *Micropyropsis*, *Schedonorus*), *Patzkea*, *Pseudobromus*, *Xanthochloa*.

subtribe **Dactylidinae** Stapf [1898]: *Dactylis*, *Lamarckia*.

subtribe **Cynosurinae** Fr. [1835]: *Cynosurus*.

subtribe **Ammochloinae** Tzvelev [1976]: *Ammochloa*.

subtribe **Parapholiinae** Caro [1982] (syn. – Monerminae Tzvelev [1987, nom. inval.]): Agropyropsis, *Catapodium*, *Cutandia*, *Desmazeria*, *Hainardia*, *Parapholis*, *Sphenopus*, *Vulpiella*.

Indigenous Ranges: Africa, Australasia, Eurasia, Western Hemisphere, Widespread.

PPAM clade {Gillespie et al. 2008, 2010, 2022; Soreng et al. 2015b, 2022} {Coleanthinae + Poodinae}:

subtribe **Coleanthinae** Rouy [1913] (syn. – Puccinelliinae Soreng & Davis [2003]): *Catabrosa*, *Catabrosella*, *Coleanthus*, *Colpodium* (syn. – *Keniochloa*, *Zingeria*), *Hyalopoa*, *Hyalopodium*, *Paracolpodium*, *Phippsia*, *Puccinellia* (syn. – *Pseudosclerochloa*), *Sclerochloa* (syn. – *Scleropoa*).

supersubtribe **Poodinae** Soreng & L.J. Gillespie [2017] {Poinae + Miliinae + Phleinae + Avenulinae + Alopecurinae superclade}:

incertae sedis: *Arctopoa* {reticulate: an ancient hybrid genus with a *Poa* plastid and nrDNA related to *Cinna*}, *Agrostopoa* {preliminary ITS nrDNA data suggest in may belong in *Poa*}.

subtribe **Poinae** Dumort. s.s. [1829]: *Poa* (syn. – *Anthochloa*, *Aphanelytrum*, *Austrofestuca*, *Dissanthelium*, *Eremopoa*, *Libyella*, *Lindbergella*, *Neuropoa*, *Ochlopoa*, *Oreopoa*, *Parodiochloa*, *Raimundochloa*, *Tovarochloa*, *Tzvelevia*).

subtribe **Avenulinae** Röser & Tkach [2020]: *Avenula* (syn. – *Homalotrichon*, *Neoholubia*) {s.s., p.p. typica – *A. pubescens*; excl. *Helictochloa*}.

subtribe **Miliinae** Dumort. [1829] {sister to *Poa* or *Phleum* in plastid analyses; nrDNA analyses are equivocal for placing it within Poodinae versus sister to Coleanthinae}: *Milium*.

subtribe **Phleinae** Dumort. [1868]: *Phleum* (syn. – *Maillea*).

Alopecurinae superclade [Gillespie et al., 2022] (Cinninae + Hookerochloinae + Brizochloinae + Dupontinae + (Beckmanniinae + (Alopecurinae + Ventenatinae))):

subtribe **Beckmanniinae** Nevski [1937]: *Beckmannia*, *Pholiurus*, *Pseudophleum*, *Rhizocephalus*.

subtribe **Cinninae** Caruel. [1892]: *Aniselytron* {ancient hybrid, with *Cinna* like plastids and different copies of nrDNA aligning near *Simplicia* and early *Poa*}, *Cinna*, *Cinnastrum*, *Cyathopus*, *Simplicia*.

subtribe **Hookerochloinae** Soreng & L.J. Gillespie [2022], HSAQN clade {Gillespie et al. 2010, Kellogg 2015}**:** *Arctagrostis*, *Hookerochloa* (syn. – *Festucella*), *Nicoraepoa* {reticulate in part: one known hybrid with *Poa*}, *Saxipoa*, *Sylvipoa*.

subtribe **Brizochloinae** Röser & Tkach [2020]: *Brizochloa* {usually placed in *Briza*}.

subtribe **Dupontiinae** Soreng & L.J. Gillespie [2022], DAD clade {reticulate lineage between an ancient taxon allied to Alopecurinae (nrDNA), and perhaps Cinninae (Soreng et al. 2015b, Gillespie et al., 2022) (plastid

Indigenous Ranges: Africa, Australasia, Eurasia, Western Hemisphere, Widespread.

DNA)}: *Arctohyalopoa*, *Arctophila* {sometimes lumped in *Dupontia*}, *Dupontia*, *Dupontiopsis*.

subtribe **Alopecurinae** Dumort. [1829]: *Alopecurus* (syn. – *Cornucopiae*), *Limnas*.

subtribe **Ventenatinae** Holub ex L.J. Gillespie, Cabi & Soreng: *Apera*, *Bellardiochloa*, *Gaudinopsis*, *Nephelochloa*, *Parvotrisetum*, *Ventenata* (syn. – *Pilgerochloa*).

supertribe **Triticodae** T.D. Macfarl. & L. Watson [1982] {Littledaleeae + Bromeae + Triticeae}:

tribe **Littledaleeae** Soreng & J.I. Davis [2015] (syn. – subtribe Littledaleinae Röser [2009]: *Littledalea* {this isolated genus appears to be the sister to Bromeae plus Triticeae}.

tribe **Bromeae** Dumort. [1824] (syn. – subtribe Brominae Dumort. [1829]): *Bromus* (syn. – *Anisantha*, *Boissiera*, *Bromopsis*, *Ceratochloa*, *Nevskiella*, *Stenofestuca*, *Trisetobromus*).

tribe **Triticeae** Dumort. [1824] (syn. – tribes Aegilopineae Orb. [1841], Hordeeae Kunth ex Spenn. [1825], Frumenteae E.H.L. Krause [1903, nom. illeg.], Secaleinae Rchb. [1828, unranked]; – subtribesAegilopinae Nevski [1933]), Agropyrinae Nevski [1933], Clinelyminae Nevski [1933, nom. illeg.], Elyminae Benth. [1881], Henrardiinae C.E. Hubb. [1948], Hordeinae Dumort. [1829], Roegneriinae Nevski [1933], Triticinae Fr. [1835]) {many of the genera are reticulate in origin}: *Agropyron*, *Anthosachne* {reticulate}, *Australopyrum*, *Connorochloa* {reticulate}, *Crithopsis*, *Douglasdeweya* {reticulate, but probably best in *Agropyron*}, *Elymus* (syn. – *Campeiostachys*, *Elytrigia*, *Hystrix*, *Roegneria*, *Sitanion*) {reticulate}, *Eremopyrum*, *Festucopsis*, *Henrardia*, *Heteranthelium*, *Hordelymus* {reticulate}, *Hordeum* (syn. – *Critesion*), *Kengyilia* {reticulate}, *Leymus* (syn. – *Aneurolepidium*, *Eremium*, *Macrohystrix*, *Microhystrix*) {reticulate}, *Pascopyrum* {reticulate}, *Peridictyon*, *Psathyrostachys*, *Pseudoroegneria*, *Secale*, *Stenostachys* {reticulate}, *Taeniatherum*; (*Triticum* subclade): *Aegilops*, *Amblyopyrum* {probably best in *Aegilops*}, *Dasypyrum*, *Thinopyrum* {reticulate}, *Triticum* {reticulate}.

"PACMAD" clade {Sánchez-Ken & Clark, 2010; also known as PACC (Davis & Soreng, 1993), PACCAD (GPWG, 2001), or PACCMAD (Sánchez-Ken et al. 2007)} {Cotton et al. (2015) resolved Panicoideae at the base of PACMAD and Aristidoideae as sister to sister to CMAD but a basal position for Aristidoideae was resolved by Teisher (2016, 2017) and others, see also Burke et al. (2016); further analyses by Duvall et al. (2020) provided convincing evidence that Panicoideae as the sister to all the ACMAD subfamilies}.

Indigenous Ranges: Africa, Australasia, Eurasia, Western Hemisphere, Widespread.

subfam. **Panicoideae** A. Braun [1864] (syn. – Andropogonoideae Rouy [1913], Centothecoideae Soderst. [1981]; Andropogineae Burmeist. [1837, unranked], Paniceae Burmeist. [1837, unranked], Paniceae Link [1827, unranked], Rottboelliaceae Burmeist. [1837, unranked], Panicinae Horan. [1847 {rank tribe or subfam.?}]):

incertae sedis: *Alloeochaete*, *Dichaetaria* {these two form a clade at base of Panicoideae; fide Teisher 2017}, Schmidiella {Veldkamp (2018) described this new genus of ambiguous affinity as possibly Andropogoneae}.

tribe **Thysanolaeneae** C.E. Hubb. [1934] {sister to Cyperochloeae + Centotheceae, possibly better as subtribe within Centotheceae} {C_3}: *Thysanolaena*.

tribe **Cyperochloeae** L. Watson & Dallwitz ex Sánchez-Ken & L.G. Clark [2010] (syn. – Cyperochloeae L. Watson & Dallwitz [1992, nom. nud.]) {possibly better as subtribe within Centotheceae} {C_3}: *Cyperochloa*, *Spartochloa*.

tribe **Centotheceae** Ridl. [1907] (subtribe Centothecinae Benth. [1881]) {C_3}: *Centotheca*, *Megastachya*.

tribe **Tristachyideae** Sánchez-Ken & L.G. Clark [2010] (syn. – subtribe Trichopteryginae Jacq.-Fél. [1962, nom. inval.]) {sister to the previous three tribes} {C_4}: *Danthoniopsis*, Dilophotriche, *Gilgiochloa*, *Loudetia*, *Loudetiopsis*, *Trichopteryx*, *Tristachya* (syn. – Isalus), *Zonotriche*.

tribe **Chasmanthieae** W.V. Br. & B.N. Smith ex Sánchez-Ken & L.G. Clark [2010] {C_3}: *Chasmanthium* (syn. – *Gouldochloa*, *Bromuniola*).

tribe **Zeugiteae** Sánchez-Ken & L.G. Clark [2010] (syn. – subtribe Zeugitinae Caro [1982]) {sister to Chasmanthieae} {C_3}: Chevalierella, *Lophatherum*, *Orthoclada*, *Zeugites* (syn. – Calderonella, *Pohlidium*).

tribe **Steyermarkochloeae** Davidse & R.P. Ellis [1984] {although plastid DNA places with *Arundoclaytonia* with Chasmanthieae s.l., and *Steyermarkochloa* closer to Zeugiteae, the placement remains tentative until these results can be confirmed and understood} {C_3}: *Arundoclaytonia*, *Steyermarkochloa*.

tribe **Gynerieae** Sánchez-Ken & L.G. Clark [2001] {C_3}: *Gynerium*.

tribe **Lecomtelleae** Pilg. ex Potztal [1957] (syn. – subtribe Lecomtellinae Pilg. [1940]): *Lecomtella* {possibly sister to Panicodae + Andropogonodae} {C_3}.

supertribe **Panicodae** L. Liu [1980]:

tribe **Paniceae** R.Br. [1814] (syn. – Cenchreae Rchb. [1828, unranked], Digitarieae J.J. Schmitz & Regel[1841], Paniceae Horan. [1847{rank tribe or subtribe?}], Spinificeae Dumort. [1829], Melinideae Hitchc. [1920], Boivinelleae A. Camus

Indigenous Ranges: Africa, Australasia, Eurasia, Western Hemisphere, Widespread.

[1925], Anthephoreae Pilg. ex Potztal [1957], Trachideae Pilg. Ex Potztal [1957], Cyphochlaeneae Bosser [1965], Neurachneae S.T. Blake [1972]):

incertae sedis: Hydrothauma {C_3}, *Hylebates* {C_4}, Oryzidium {C_4}, Thedachloa.

"Sacciolepis grex" Zuloaga [2021] {C_3}: *Kellochloa*, *Sacciolepis*, *Trichanthecium*. (and 18 spp. "*Panicum*" p.p. non typica {C_3}).

subtribe **Anthephorinae** Benth. [1881] (syn. – Digitariinae Butzin [1972]; Trachidinae Pilg. [1940, nom. inval.], Digitariastrae Stapf [1917, group]): *Anthephora* {C_4}, *Chaetopoa* {C_4}, *Chlorocalymma* {C_4}, *Digitaria* (syn. – *Leptoloma*, *Megaloprotachne*, *Trichachne*) {C_4}, Taeniorhachis {$C_4^?$}, *Tarigidia* {C_4}, Thyridachne {C_3}, *Trachys* {C_4}.

subtribe **Dichantheliinae** Zuloaga [2014] {C_3}: *Adenochloa*, *Dichanthelium*.

subtribe **Boivinellinae** Pilg. [1940]: *Acroceras* (syn. – *Setiacis*) {C_3}, *Alloteropsis* (syn. – Coridochloa) {mixed C_3 C_4}, *Cnidochloa*{C_3}, *Amphicarpum* {C_3}, *Chasechloa*, *Cyphochlaena* {C_3}, *Cyrtococcum* {C_3}, *Echinochloa* {C_4}, *Entolasia* {C_3}, *Lasiacis* {C_3}, *Mayariochloa* {C_4}, *Morronea* {C_3}, *Microcalamus* {C_3}, *Oplismenus* {C_3}, *Ottochloa* {C_3}, *Parodiophyllochloa* {C_3}, *Poecilostachys* (syn. – *Chloachne*) {C_3}, *Pseudechinolaena* {C_3}, *Pseudolasiacis* {C_3}. (and 7 spp. *Brachiaria* p.p. non typica and 12 spp. *Panicum* p.p. non typica {C_3}).

subtribe **Neurachninae** Clayton & Renvoize [1986]: *Ancistrachne* {C_3}, *Calyptochloa* {C_3}, *Cleistochloa* {C_3}, *Dimorphochloa* {C_3}, *Neurachne* (syn. – *Paraneurachne* C_4) {C_4 and mixed C_3 C_4}, *Thyridolepis* {C_3}.

incertae sedis {clade of ambiguous placement among latter set of subtribes}: *Homopholis* (syn. – *Walwhalleya*){C_3 and C_4}.

subtribe **Melinidinae** Pilg. [1940] (syn. – Brachiariinae Butzin [1970], Thuarinae Ohwi [1942], Tristegininae Harv. [1869, nom. illeg.]; Melinastrae Stapf [1917, group]) {C_4}: *Chaetium*, *Eccoptocarpha*, *Eriochloa*, *Leucophrys*, *Megathyrsus* (syn. – *Pseudobrachiaria*), *Melinis* (syn. – *Mildbraediochloa*, *Rhynchelytrum*), *Moorochloa*, *Rupichloa*, *Scutachne*, *Thuarea*, *Tricholaena*, *Urochloa* (syn. – *Brachiaria* s.s), *Yvesia*. (and 2 spp. *Panicum* grex Deustum {C_4}).

subtribe **Panicinae** Fr. [1835] {C_4}: *Louisiella*, *Panicum* (syn. – *Arthragrostis*, *Yakirra*).

Indigenous Ranges: Africa, Australasia, Eurasia, Western Hemisphere, Widespread.

subtribe **Cenchrinae** Dumort. [1829] (syn. – Cenchastrae Stapf [1917, group], Pennisetinae Rchb. [1828, unranked], Setariinae Dumort. [1829]; Pseudoraphidinae Keng & Keng f. [1990], Snowdeniinae Butzin [1972], Spinificinae Owhi [1942], Uranthoeciinae Butzin [1970], Xerochloinae Butzin [1970]): *Acritochaete* {C_3}, *Alexfloydia* {C_4}, *Cenchrus* (syn. – *Cenchropsis*, *Echinaria* (of Heist. ex Fabr.), *Kikuyuochloa*, *Nastus* (of Lunell), *Odontelytrum*, *Pennisetum*, *Snowdenia*) {C_4}, *Chamaeraphis* {C_4}, *Dissochondrus* {Hawaii} {C_4}, *Holcolemma* {C_3}, *Hygrochloa* {C_4}, *Ixophorus* {C_4}, *Paractaenum*, {C_4} *Paratheria* {C_4}, *Plagiosetum* {C_4}, *Pseudochaetochloa* {C_4}, *Pseudoraphis* {C_4}, *Setaria* (syn. – *Camusiella*, *Paspalidium*) {C_4}, *Setariopsis* {C_4}, *Spinifex* {C_4}, *Stenotaphrum* {C_4}, *Stereochlaena* {C_4}, *Streptolophus* {C_4}, *Uranthoecium* {C_4}, *Whiteochloa* {C_4}, *Xerochloa* {C_4}, *Zuloagaea* {C_4}, *Zygochloa* {C_4}. (and *Panicum antidotale* {C_4}).

supertribe **Andropogonodae** L. Liu [1980] {Paspaleae + Jansenelleae + Arundinelleae + Andropogoneae}:

tribe **Paspaleae** J. Presl [1830] (syn. – Arthropogoneae Pilg. ex Butzin [1972]):

incertae sedis: *Reynaudia* {basal to the other subtribes} {C_4}.

subtribe **Paspalinae** Griseb. [1846] (syn. – Paspalinae Griseb.[1853], Paspalidinae Keng & Keng f, ex S.L. Chen & Y.X. Jin [1984], Reimarochloinae Caro [1982]): *Aakia* {C_4}, *Acostia* {C_4}, *Anthenantia* (syn. – *Leptocoryphium*) {C_4}, *Anthaenantiopsis* {C_4}, *Axonopus* (syn. – *Centrochloa*, *Ophiochloa*) {C_4}, *Echinolaena* {C_3}, *Gerritea* {C_3}, *Hildaea* {C_3}, *Hopia* {C_4}, *Ichnanthus* {C_3}, *Ocellochloa* {C_3}, *Oedochloa* {C_3}, *Osvaldoa* {C_4}, *Paspalum* (syn. – *Baptorhachis*, *Thrasya*, *Thrasyopsis*, *Reimarochloa*, *Spheneria*) {C_4}, *Renvoizea* {C_3}, *Streptostachys* {C_3}.

subtribe **Otachyriinae** Butzin [1970]: *Hymenachne* (syn. – *Aconisia*, *Dallwatsonia*) {C_3}, *Otachyrium* {C_3}, *Plagiantha* {C_3}, *Rugoloa* {C_3}, *Steinchisma* (syn. – *Cliffordiochloa*, *Fasciculochloa*) {C_3 and mixed C_3 C_4}.

subtribe **Arthropogoninae** Butzin [1972]: *Achlaena* {C_4}, *Altoparadisium* {C_4}, *Apochloa* {C_3}, *Arthropogon* {C_4}, *Canastra* {C_3}, *Coleataenia* (syn. – *Sorengia*) {C_4}, *Cyphonanthus* {C_4}, *Homolepis* {C_3 and mixed C_3 C_4?}, *Keratochlaena* (syn. – *Sclerochlamys*) {C_4}, *Mesosetum* {C_4}, *Oncorachis* {C_4}, *Oplismenopsis* {C_3}, *Phanopyrum* {C_3}, *Stephostachys* {C_3}, *Tatianyx* {C_4}, *Triscenia* {C_3}.

tribe **Jansenelleae** Voronts. [2020] {C_3}: *Chandrasekharania*, *Jansenella*.

Indigenous Ranges: Africa, Australasia, Eurasia, Western Hemisphere, Widespread.

tribe **Arundinelleae** Stapf [1898] (syn. – tribe Garnotieae Tateoka [1957]; subtribe Arundinellinae Honda [1930], Garnotiinae Pilg. [1956]) {C_4}: *Arundinella*, *Garnotia*.

tribe **Andropogoneae** Dumort. [1824] (syn. – Coiceae Nakai [1943], Euchlaeneae Nakai [1943], Imperateae Gren. & Godr. [1855], Maydeae Dumort. [1824, nom. illeg.], Ophiureae Dumort. [1829], Rottboellieae Kunth [1829], Sacchareae Dumort. [1824], Saccharinae Rchb. ex Horan. [1847{rank tribe or subfam.?}], Polliniastrae Stapf [1917, group, applicable to *Microstegium*], Tripsaceae C.E. Hubb. ex Nakai [1943], Zeeae Rchb. [1828, unranked], Zeeae Nakai [1943]) {revised by Welker et al., 2020, updated here by Welker and Kellogg} {C_4}:

incertae sedis: Clausospicula, *Elionurus* {orth. var. *Elyonurus*}, *Eriochrysis* (syn. – Leptosaccharum), *Jardinea*, *Kerriochloa*, Lakshmia, *Lasiurus*, *Leptatherum* (syn. – *Polliniopsis*), *Microstegium* (syn. – Ischnochloa), *Parahyparrhenia*, *Phacelurus* (syn. – Pseudovossia), Pogonachne, Pseudodichanthium, *Pseudopogonatherum*, *Sehima*, Spathia, *Spodiopogon* (syn. – Eccoilopus), *Thelepogon*, *Tripidium*, Triplopogon, Veldkampia.
{Some relationships of the above genera are apparent: (*Lasiurus* + *Thelepogon*) (*Arthraxon* (Tripsacinae ((Chionachninae + Rhytachninae) ((*Chrysopogon* (*Eriochrysis* + *Parahyparrhenia*)) ((*Kerriochloa* + *Microstegium* + *Sehima*) (((Rottboelliinae + *Tripidium*) + *Elionurus* + Ratzeburgiinae) (Ischaeminae ((Germainiinae (Sorghinae + Saccharinae)) + Apludinae + (*Jardinea* (Anthistiriinae + Andropogoninae))))))))}.

subtribe **Arthraxoninae** Benth. [1881] (syn. – Arthraxonastrae Stapf [1917, group]): *Arthraxon*.

subtribe **Tripsacinae** Dumort. [1829] (syn. – Maydinae Harv. [1868, nom. illeg.], Zeinae Tzvelev [1968]) {whole nuclear genome duplicated}: *Tripsacum*, *Zea* (syn. – *Euchlaena*).

subtribe **Chionachninae** Clayton [1981]: *Chionachne* (syn. – *Sclerachne*), *Polytoca* (syn. – *Cyathorhachis*), Trilobachne.

subtribe **Rhytachninae** Welker & E.A. Kellogg [2020] (syn. – Vossiastrae Stapf [1917, group]): *Loxodera* (syn. – Lepargochloa), *Oxyrhachis*, *Rhytachne*, *Urelytrum*, *Vossia*.

subtribe **Chrysopogoninae** Welker & E.A. Kellogg [2020]: *Chrysopogon* (syn. – *Vetiveria*) {reticulate: sister to *Thelepogon* in nuclear trees, but related to *Eriochrysis* + *Parahyparrhenia* in plastome trees}.

subtribe **Rottboelliinae** J. Presl [1830] (syn. – Coicinae Rchb. ex Clayton & Renvoize [1986], Coicinae Rchb. [1828, unranked]): *Chasmopodium* (syn. – Robynsiochloa), *Coix*, *Rottboellia*.

subtribe **Ratzeburgiinae** Hook. f. [1896, "1897"]: *Eremochloa*, *Glyphochloa*, *Hackelochloa*, *Hemarthria*, *Heteropholis*, *Manisuris*, *Mnesithea* (syn. – *Coelorachis*), *Ophiuros*, Ratzeburgia, *Thaumastochloa*, *Thyrsia*.

Indigenous Ranges: Africa, Australasia, Eurasia, Western Hemisphere, Widespread.

subtribe **Ischaeminae** J. Presl [1830] (syn. – Dimeriinae Hack. ex C.E. Hubb. [1934], Dimeriinae Hack. [1887, nom. nud.], Ischaeminae Stapf [1898, subtribe, isonym]): *Andropterum*, *Dimeria* (syn. – Nanooravia), *Eulaliopsis*, *Ischaemum* (syn. – Digastrium).

subtribe **Germainiinae** Clayton [1972] (syn. – Apocopidinae Keng [1939, nom. inval.]): *Apocopis*, *Germainia*, (syn. – Chumsriella), *Imperata*, Lophopogon, *Pogonatherum*.

subtribe **Sorghinae** Bluff, Nees & Schauer ex Clayton & Renvoize [1986] (syn. – Sorgha Bluff, Nees & Schauer [1836, infrafamilial unranked], Sorghastrae Stapf [1917, group]): *Cleistachne*, *Lasiorhachis*, *Sarga*, *Sorghum* (syn. – *Hemisorghum*, *Vacoparis*).

subtribe **Saccharinae** Griseb. [1846] (syn. – Erianthinae Hack. [1883]) {whole nuclear genome duplicated}: *Miscanthus* (syn. – Diandranthus, *Miscanthidium*, *Narenga*, Rubimons, *Sclerostachya*, Triarrhena), *Pseudosorghum*, *Saccharum* (syn. – *Erianthus*).

subtribe **Apludinae** Hook. f. [1896, "1897"] (syn. – Apludastrae Stapf [1917, group]): *Apluda*, Asthenochloa, *Eulalia* s.s. {s.l. is apparently polyphyletic}, *Homozeugos*, *Polytrias*, *Sorghastrum*, *Trachypogon*.

subtribe **Anthistiriinae** J. Presl [1830] (syn. – Amphilophiastrae Stapf [1917, group], Bothriochloinae Keng [1939, nom. inval.], Heteropogonastrae Stapf [1917, group], Themedastrae Stapf [1917, group]): *Agenium*, *Bothriochloa* (syn. – *Amphilophis*), *Capillipedium*, *Cymbopogon*, *Dichanthium*, *Eremopogon*, *Euclasta* (syn. – Indochloa), *Heteropogon*, *Iseilema*, *Pseudanthistiria*, *Themeda* (syn. – *Anthistiria*).

subtribe **Andropogoninae** J. Presl [1830] (syn. – Anadelphiastrae Stapf [1917, group], Hyparrheniastrae Stapf [1917, group], Hypogyniastrae Stapf [1917, group], Schizachyriastrae Stapf [1917, group]: *Anadelphia* (syn. – Monium, Pobeguinea), *Andropogon* (syn. – *Hypogynium*), Bhidea, *Diectomis*, *Diheteropogon*, *Elymandra* (syn. – Pleiadelphia), *Exotheca*, *Hyparrhenia* (syn. – Dybowskia), *Hyperthelia*, *Monocymbium*, *Schizachyrium* (syn. – Ystia).

subfamily **Aristidoideae** Caro [1982]:

tribe **Aristideae** C.E. Hubb. [1960]: *Aristida* {C_4, one C_3}, *Sartidia* {C_3}, *Stipagrostis* {C_4}.

subfamily **Arundinoideae** Kunth ex Beilschm. [1833] (syn. – tribe Arundinoideae Tateoka [1957, isonym], Phragmitoideae Parodi [1958, nom. inval.], Phragmitoideae Parodi ex Caro [1982], Arundinaceae Burmeist. [1837, unranked] {sister to Micrairoideae}{C_3}:

Indigenous Ranges: Africa, Australasia, Eurasia, Western Hemisphere, Widespread.

tribe **Arundineae** Dumort. [1824] (syn. – tribe Amphipogoneae L. Watson & T.D. Macfarl. [2002]; subtribe Arundininae Miq. [1857]): *Amphipogon* (syn. – *Diplopogon*), *Arundo*, *Dregeochloa* {fide Teisher 2017}, *Monachather*.

tribe **Molinieae** Jirásek [1966] (syn. – subtribe Moliniinae Ohwi [1941], Phragmiteae Horan. [1847 {rank tribe or subtribe?}]) {emend Teisher (2017) , sister to Crinipedeae}: *Hakonechloa*, *Molinia*, *Moliniopsis*, *Phragmites*.

tribe **Crinipedeae** Hardion [2017] (syn. – subtribe Crinipinae Conert, [1961]) {emend Linder et al. (1997), Hardion et al. (2017, 2021), Teisher (2017), sister to Molinieae}: *Crinipes*, *Elytrophorus*, *Leptagrostis*, Piptophyllum, *Pratochloa* (syn. – *Eragrostis walteri*), *Styppeiochloa*.

subfamily **Micrairoideae** Pilg. [1956] {sister to Arundinoideae}:

incertae sedis: *Zenkeria* {Hardion et al. (2017), indicate this is near *Micraira*}.

tribe **Micraireae** Pilg. [1956] {C_3}: *Micraira*.

tribe **Eriachneae** Eck-Borsboom [1980]: *Eriachne* (syn. – *Massia*, *Pheidochloa* {fide Teisher 2016}) {C_4}.

tribe **Isachneae** Benth. [1881] (syn. – tribe Hubbardieae C.E. Hubb. [1960]; subtribe Isachninae Stapf [1898]) {C_3}: *Coelachne*, *Heteranthoecia*, *Hubbardia*, *Isachne*, *Limnopoa*, *Sphaerocaryum*.

subfamily **Danthonioideae** H.P. Linder & N.P. Baker [2001] {sister to Chloridoideae} {C_3}:

incertae sedis: Danthonidium.

tribe **Danthonieae** Zotov. [1963] (syn. – Cortaderieae Zotov. [1963]; subtribe Cortaderiinae Conert [1961], Danthoniinae Fr. [1835]): *Austroderia*, *Capeochloa*, *Chaetobromus*, *Chimaerochloa*, *Chionochloa*, *Cortaderia* (syn. – *Lamprothyrsus*), *Danthonia*, *Geochloa*, *Merxmuellera*, *Notochloe*, *Pentameris* (syn. – *Pentaschistis*, *Poagrostis*, *Prionanthium*), *Phaenanthoecium* {fide Teisher 2017}, *Plinthanthesis*, *Pseudopentameris*, *Rytidosperma* (syn. – *Monostachya*, *Notodanthonia*, *Pyrrhanthera*), *Schismus* (syn. – *Karroochloa*), *Tenaxia*, *Tribolium*.

subfamily **Chloridoideae** Kunth ex Beilschm. [1833] (syn. – tribe Eragrostoideae Pilg. [1956]; Chlorideae Burmeist [1837, unranked], Pappophorae Burmeist. [1837, unranked]) {sister to Danthonioideae}:

Indigenous Ranges: Africa, Australasia, Eurasia, Western Hemisphere, Widespread.

incertae sedis: Gossweilerochloa, Indopoa, Lepturopetium, Myriostachya, Pogonochloa, Pseudozoysia, Silentvalleya.

tribe **Centropodieae** P.M. Peterson, N.P. Barker & H.P. Linder [2011]: *Centropodia* {C_4}, *Ellisochloa* {C_3}.

tribe **Triraphideae** P.M. Peterson [2010] (syn. – subtribe Triraphidinae Stapf [1917, subtribe!]) {C_4}: *Habrochloa*, *Nematopoa*, *Neyraudia*, *Triraphis*.

tribe **Eragrostideae** Stapf [1898] (syn. – supertribe Eragrostodae L. Liu [1980]; tribe Unioleae Roshev. ex C.S. Campb. [1985]) {C_4}:

subtribe **Cotteinae** Reeder [1965]: *Cottea*, *Enneapogon*, *Kaokochloa*, *Schmidtia*.

subtribe **Eragrostidinae** J. Presl [1830]: *Eragrostis* (syn. – *Acamptoclados*, *Catalepis*, *Cladoraphis*, *Diandrochloa*, *Ectrosia*, *Ectrosiopsis*, *Harpachne*, *Heterachne*, *Neeragrostis*, *Planichloa*, *Pogonarthria*, *Psammagrostis*, *Richardsiella*, *Stiburus*, *Steirachne*, *Triphlebia*, *Viguierella*).

subtribe **Uniolinae** Clayton [1982]: *Entoplocamia*, *Fingerhuthia*, *Tetrachne*, *Uniola* (syn. – *Leptochloopsis*).

tribe **Zoysieae** Benth. [1881] (syn. – Spartineae Steele [1847], Sporoboleae Stapf [1898]) {C_4}:

subtribe **Sporobolinae** Benth. [1881] (syn. – Crypsidinae Maire & Weiler [1953, nom. inval.], Spartininae Maire & Weiler [1953, nom. inval.]): *Psilolemma*, *Sporobolus* (nom. cons.; syn. – *Calamovilfa*, *Crypsis*, *Heleochloa*, *Spartina*, *Thellungia*).

subtribe **Zoysiinae** Benth. [1878]: *Urochondra*, *Zoysia*.

tribe **Cynodonteae** Dumort. [1824] (syn. – Aeluropodeae Nevski ex Bor [1965], Chlorideae Rchb. [1828, unranked], Chlorideae Trin. [1824, nom. illeg. superfl, later than Dumort., and included *Cynodon*], Jouveeae Pilg. [1956], Lappagineae Link ex Endl. [1830, nom. illeg.], Leptureae Dumort. [1824, as Lepiureae], Monermeae C.E. Hubb. [1948, nom. inval.], Nazieae Hitchc. [1920, nom. illeg.], Pappophoreae Kunth [1829], Perotideae C.E. Hubb. [1960], Pommereulleae Bor [1960], Pommereullinae Potztal [1969], Trageae Hitchc. [1927], Triodieae S.W.L. Jacobs [2004]) {C_4}:

incertae sedis: Kampochloa, *Lepturidium*, Pommereulla, Rheochloa, *Sclerodactylon*, Vietnamochloa.

subtribe **Aeluropodinae** P.M. Peterson [2010] (syn. – Aeluropodinae Jacq.-Fél. [1962, nom. inval.]): *Aeluropus*, *Odyssea* s.s. {reticulate}.

subtribe **Dactylocteniinae** P.M. Peterson, Romasch. & Y. Herrera [2016]: *Acrachne* {reticulate}, *Brachychloa*, *Dactyloctenium*, *Neobouteloua*.

Indigenous Ranges: Africa, Australasia, Eurasia, Western Hemisphere, Widespread.

subtribe **Eleusininae** Dumort. [1829] (syn. – Astreblinae Clayton [1982], Chloridinae J. Presl [1830], Cynodontinae Tzvelev [1968], Diplachninae Rouy [1913], Lepturinae Benth. [1881], Monerminae Janch. [1953, nom. nud.]): *Afrotrichloris*, *Astrebla*, *Austrochloris*, *Chloris* (syn. – *Lintonia*, *Ochthochloa*), *Chrysochloa*, *Coelachyrum* (syn. – *Apochiton*, *Coelachyropsis*), *Cynodon* (*syn. – Brachyachne*), *Daknopholis*, *Dinebra* {reticulate} (syn. – *Drake-Brockmania*, *Heterocarpha*, *Oxydenia*), *Diplachne*, *Disakisperma* (syn. – *Cypholepis*), *Eleusine*, *Enteropogon*, *Eustachys*, *Harpochloa*, *Leptochloa* (syn. – *Trichloris*), *Lepturus*, *Micrachne*, *Microchloa* (syn. – *Rendlia*), *Neostapfiella*, *Oxychloris*, *Schoenefeldia*, *Schoenefeldiella*, *Stapfochloa*, *Tetrapogon* (syn. – *Enteropogonopsis*, *Saugetia*).

subtribe **Orcuttiinae** P.M. Peterson & Columbus [2007]: *Neostapfia*, *Orcuttia* (syn. – *Tuctoria*).

subtribe **Orininae** P.M. Peterson, Romasch. & Y. Herrera [2016]: *Cleistogenes* (syn. – *Kengia*), *Orinus*.

subtribe **Pappophorinae** Dumort. [1829] (syn. – Tridentinae Keng & Keng f. [1960]): *Neesiochloa*, *Pappophorum*, *Tridens* s.s. (syn. – *Antonella*).

subtribe **Triodiinae** Benth. [1881]: *Triodia* (syn. – *Monodia*, *Plectrachne*, *Symplectrodia*).

subtribe **Tripogoninae** Stapf [1917, subtribe!]: *Desmostachya*, *Eragrostiella*, *Halopyrum*, *Melanocenchris*, *Oropetium*, *Tripogon*, *Tripogonella*.

supersubtribe **Boutelouodinae** P.M. Peterson & Romasch. [2017] {Boutelouinae + Hilariinae + Monanthochloinae + Muhlenbergiinae + Scleropogoninae + Traginae}:

subtribe **Allolepiinae** P.M. Peterson, Romasch. & Y. Herrera [2017]: *Allolepis*.

subtribe **Boutelouinae** Stapf [1917, subtribe!]: *Bouteloua* (syn. – *Buchloe*, *Buchlomimus*, *Cathestecum*, *Chondrosum*, *Cyclostachya*, *Griffithsochloa*, *Opizia*, *Pentarrhaphis*, *Pringleochloa*, *Soderstromia*).

subtribe **Hilariinae** P.M. Peterson & Columbus [2007]: *Hilaria* (syn. – *Pleuraphis*).

subtribe **Jouveinae** P.M. Peterson, Romasch. & Y. Herrera [2017]: *Jouvea*.

subtribe **Kaliniinae** P.M. Peterson, Romasch. & Y. Herrera [2017]: *Kalinia*.

subtribe **Monanthochloinae** Pilg. ex Potztal [1969] (syn. – Distichlinae Parodi [1946, nom. nud.]): *Distichlis* (syn. – *Monanthochloe*, *Reederochloa*).

subtribe **Muhlenbergiinae** Pilg. [1956] (syn. – Lycurinae Pilg. [1956]): *Muhlenbergia* (syn. – *Aegopogon*, *Bealia*, *Blepharoneuron*, *Chaboissaea*, *Lycurus*, *Pereilema*, *Redfieldia*, *Schaffnerella*, *Schedonnardus*).

Indigenous Ranges: Africa, Australasia, Eurasia, Western Hemisphere, Widespread.

subtribe **Scleropogoninae** Pilg. [1956] (syn. – Munroinae Parodi ex P.M. Peterson [1995]): *Blepharidachne*, *Dasyochloa*, *Erioneuron*, *Munroa*, *Scleropogon*, *Swallenia*.

subtribe **Sohnsiinae** P.M. Peterson, Romasch. & Y. Herrera [2017]: *Sohnsia*.

subtribe **Traginae** P.M. Peterson & Columbus [2007] (syn. – Lappagineae Link [1827, unranked], Tragineae Rchb. [1845, unranked]): *Monelytrum*, *Orthacanthus*, *Pogononeura*, *Polevansia*, *Tragus*, *Willkommia* (syn. – *Willbleibia*).

supersubtribe **Gouiniodinae** P.M. Peterson & Romasch. [2017] {Cteniinae + Farragininae + Gouiniinae + Hubbardochloinae + Perotidinae + Trichoneurinae + Zaqiqahinae}:

subtribe **Cteniinae** P.M. Peterson, Romasch. & Y. Herrera [2014]: *Ctenium*.

subtribe **Farragininae** P.M. Peterson, Romasch. & Y. Herrera [2014]: *Craspedorhachis*, *Farrago*.

subtribe **Gouiniinae** P.M. Peterson & Columbus [2007]): *Gouinia*, *Schenckochloa*, *Tridentopsis*, *Triplasiella*, *Triplasis*, *Vaseyochloa*.

subtribe **Hubbardochloinae** Auquire [1980] (syn. – Gymnopogoninae P.M. Peterson, Romasch. & Y. Herrera [2014]): *Bewsia*, *Decaryella*, *Dignathia*, *Gymnopogon*, *Hubbardochloa*, *Leptocarydion*, *Leptothrium* (syn. – *Latipes*), *Lophacme*, *Tetrachaete*.

subtribe **Perotidinae** P.M. Peterson, Romasch. & Y. Herrera [2014]: *Mosdenia*, *Perotis* (syn. – *Lopholepis*, *Toliara*), *Trigonochloa*.

subtribe **Trichoneurinae** P.M. Peterson, Romasch. & Y. Herrera [2014]: *Trichoneura*.

subtribe **Zaqiqahinae** P.M. Peterson, Romasch. & Y. Herrera [2016]: *Zaqiqah*.

Indigenous Ranges: Africa, Australasia, Eurasia, Western Hemisphere, Widespread.

Appendix II
Genera of Poaceae with authors, numbers of species, and subfamily

Genera	Authors	No. spp.	Accepted name	Subfam.
Aakia	J.R. Grande	1		Pan
Acamptoclados	Nash	–	=*Eragrostis*	Chl
Achlaena	Griseb.	1		Pan
Achnatherum	P. Beauv.	25		Poo
Aciachne	Benth.	3		Poo
Acidosasa	C.D. Chu & C.S. Chao ex Keng f.	11		Bam
Aconisia	J.R. Grande	–	=*Hymenachne*	Pan
Acostia	Swallen	1		Pan
Acrachne	Wight & Arn. ex Chiov.	3		Chl
Acritochaete	Pilg.	1		Pan
Acroceras	Stapf	18		Pan
Acrospelion	Besser	13		Poo
Actinocladum	McClure ex Soderstr.	1		Bam
Adenochloa	Zuloaga	14		Pan
Aegilops	L.	28		Poo
Aegopogon	Humb. & Bonpl. ex Willd.	–	=*Muhlenbergia*	Chl
Aeluropus	Trin.	6		Chl
Afrotrichloris	Chiov.	2		Chl
Agenium	Nees	4		PanA
Agnesia	Zuloaga & Judz.	1		Bam
Agraulus	P. Beauv.	–	=*Agrostis*	Poo
Agropyron	Gaertn.	13		Poo
Agropyropsis	(Trab.) A. Camus	1		Poo
Agrostis	L.	198		Poo
Agrostopoa	Davidse, Soreng & P.M. Peterson	3		Poo
Agrostula	P.M. Peterson, Romasch., Soreng & Sylvester	1		Poo
Aira	L.	9		Poo
Airochloa	Link	–	=*Koeleria*	Poo
Airopsis	Desv.	1		Poo
Alexfloydia	B.K. Simon	1		Pan
Alloeochaete	C.E. Hubb.	6		Pan
Allolepis	Soderstr. & H.F. Decker	1		Chl
Alloteropsis	J. Presl	5		Pan
Alopecurus	L.	44		Poo
Alpagrostis	P.M. Peterson, Romasch., Soreng & Sylvester	4		Poo
Altoparadisium	Filg., Davidse, Zuloaga & Morrone	1		Pan
Alvimia	C.E. Calderón ex Soderstr. & Londoño	3		Bam
Amblyopyrum	(Jaub. & Spach) Eig	1		Poo
Amelichloa	Arriaga & Barkworth	5		Poo
Ammochloa	Boiss.	3		Poo
Ammophila	Host	–	=*Calamagrostis*	Poo
Ampelocalamus	S.L. Chen, T.H. Wen & G.Y. Sheng	14		Bam
Ampelodesmos	Link	1		Poo
Amphibromus	Nees	12		Poo
Amphicarpum	Kunth	2		Pan
Amphipogon	R. Br.	9		Aru
Anadelphia	Hack.	14		PanA
Anatherostipa s.s.	(Hack. ex Kuntze) Peñail.	–	=*Lorenzochloa*	Poo
Ancistrachne	S.T. Blake	4		Pan
Ancistragrostis	S.T. Blake	–	=*Pentapogon*	Poo
Andropogon	L.	125		PanA
Andropterum	Stapf	1		PanA
Anemanthele	Veldkamp	1		Poo
Aneurolepidium	Nevski	–	=*Leymus*	Poo
Anisantha	K. Koch	–	=*Bromus*	Poo
Aniselytron	Merr.	2		Poo
Anisopogon	R. Br.	1		Poo

Appendix II Continued

Genera	Authors	No. spp.	Accepted name	Subfam.
Annamocalamus	H.N. Nguyen, N.H. Xia & V.T. Tran	1		Bam
Anomalotis	Steud.	–	=*Agrostis*	Poo
Anomochloa	Brongn.	1		Ano
Anthenantia	P. Beauv.	5		Pan
Anthaenantiopsis	Mez ex Pilg.	4		Pan
Anthephora	Schreb.	11		Pan
Anthochloa	Nees & Meyen	–	=*Poa*	Poo
Anthosachne	Steud.	10		Poo
Anthoxanthum	L.	42		Poo
Antinoria	Parl.	2		Poo
Antonella	Caro	–	=*Tridens*	Chl
Apera	Adans.	5		Poo
Aphanelytrum	(Hack.) Hack.	–	=*Poa*	Poo
Apluda	L.	1		PanA
Apochiton	C.E. Hubb.	–	=*Coelachryum*	Chl
Apochloa	Zuloaga & Morrone	15		Pan
Apoclada	McClure	1		Bam
Apocopis	Nees	16		PanA
Arberella	Soderstr. & C.E. Calderón	7		Bam
Arctagrostis	Griseb.	2		Poo
Arctohyalopoa	Röser & Tkach	5		Poo
Arctophila	(Rupr.) Rupr. ex Andersson	1		Poo
Arctopoa	(Griseb.) Prob.	8		Poo
Aristavena	F. Albers & Butzin	–	=*Deschampsia*	Poo
Aristella	(Trin.) Bertol.	–	=*Achnatherum*	Poo
Aristida	L.	305		Ari
Arrhenatherum	P. Beauv.	7		Poo
Arthragrostis	Lazarides	–	=*Panicum*	Pan
Arthraxon	P. Beauv.	27		PanA
Arthropogon	Nees	5		Pan
Arthrostylidium	Rupr.	30		Bam
Arundinaria	Michx.	3		Bam
Arundinella	Raddi	55		Pan
Arundo	L.	5		Aru
Arundoclaytonia	Davidse & R.P. Ellis	1		Pan
Aspris	Adans.	–	=*Aira*	Poo
Asthenochloa	Buse	1		PanA
Astrebla	F. Muell.	4		Chl
Ataxia	R. Br.	–	=*Anthoxanthum*	Poo
Athroostachys	Benth.	1		Bam
Atractantha	McClure	6		Bam
Atractocarpa	Franch.	–	=*Puelia*	Pue
Aulonemia	Goudot	47		Bam
Aulonemiella	L.G. Clark, Londoño, C.D. Tyrrell & Judz.	2		Bam
Australopyrum	(Tzvelev) Á. Löve	5		Poo
Austrochloris	Lazarides	1		Chl
Austrodanthonia	H.P. Linder	–	=*Rytidosperma*	Dan
Austroderia	N.P. Barker & H.P. Linder	5		Dan
Austrofestuca	(Tzvelev) E.B. Alexeev	–	=*Poa*	Poo
Austrostipa	S.W.L. Jacobs & J. Everett	64		Poo
Avellinia	Parl.	2		Poo
Avena	L.	24		Poo
Avenella	Drejer	1		Poo
Avenula	(Dumort.) Dumort.	1		Poo
Axonopus	P. Beauv.	105		Pan
Baldingera	G. Gaertn., B. Mey. & Scherb.	–	=*Phalaris*	Poo
Bambusa	Schreb.	153		Bam
Baptorhachis	Clayton & Renvoize	1	=*Paspalum*	Pan

Appendix II Continued

Genera	Authors	No. spp.	Accepted name	Subfam.
Barkworthia	Romasch., P.M. Peterson & Soreng	1		Poo
Bashania	Keng f. & T.P. Yi	7		Bam
Bealia	Scribn.	–	=*Muhlenbergia*	Chl
Beckeropsis	Fig. & De Not.	–	=*Cenchrus*	Pan
Beckmannia	Host	2		Poo
Bellardiochloa	Chiov.	5		Poo
Bergbambos	Stapleton	1		Bam
Bewsia	Gooss.	1		Chl
Bhidea	Stapf ex Bor	3		PanA
Blepharidachne	Hack.	4		Chl
Blepharoneuron	Nash	–	=*Muhlenbergia*	Chl
Boissiera	Hochst. ex Steud.	–	=*Bromus*	Poo
Boivinella	A. Camus	–	=*Cyphochlaena*	Pan
Boldrinia	L.N. Silva	1		Poo
Bonia	Balansa	5		Bam
Borinda	Stapleton	–	=*Yushania*	Bam
Bothriochloa	Kuntze	37		PanA
Bouteloua	Lag.	60		Chl
Brachiaria	(Trin.) Griseb.	–	=*Urochloa*	Pan
Brachyachne	(Benth. & Hook. f.) Stapf	–	=*Cynodon*	Chl
Brachychloa	S.M. Phillips	2		Chl
Brachyelytrum	P. Beauv.	3		Poo
Brachypodium	P. Beauv.	22		Poo
Brachystachyum	Keng	2		Bam
Brachystylus	Dulac	–	=*Koeleria*	Poo
Brasilochloa	R.P. Oliveira & L.G. Clark	1		Bam
Briza	L.	5		Poo
Brizochloa	V. Jirásek & Chrtek	1		Poo
Bromidium	Nees & Meyen	–	=*Agrostis*	Poo
Bromopsis	(Dumort.) Fourr.	–	=*Bromus*	Poo
Bromuniola	Stapf & C.E. Hubb.	–	=*Chasmanthium*	Pan
Bromus	L.	165		Poo
Brylkinia	F. Schmidt	1		Poo
Buchloe	Engelm.	–	=*Bouteloua*	Chl
Buchlomimus	Reeder, C. Reeder & Rzed.	–	=*Bouteloua*	Chl
Buergersiochloa	Pilg.	1		Bam
Burmabambus	Keng f.	–	=*Yushania*	Bam
Butania	Keng f.	–	=*Yushania*	Bam
Calamagrostis	Adans.	130		Poo
Calamovilfa	(A. Gray) Hack. ex Scribn. & Southw.	–	=*Sporobolus*	Chl
Calderonella	Soderstr. & H.F. Decker	–	=*Zeugites*	Pan
Calotheca	Desv.	1		Poo
Calyptochloa	C.E. Hubb.	3		Pan
Cambajuva	P.L. Viana, Filg. & L.G. Clark	1		Bam
Campeiostachys	Drobow	–	=*Elymus*	Poo
Camusiella	Bosser	–	=*Setaria*	Pan
Canastra	Morrone, Zuloaga, Davidse & Filg.	2		Pan
Capeochloa	H.P. Linder & N.P. Barker	3		Dan
Capillipedium	Stapf	18		PanA
Castellia	Tineo	1		Poo
Catabrosa	P. Beauv.	3		Poo
Catabrosella	(Tzvelev) Tzvelev	6		Poo
Catalepis	Stapf & Stent	–	=*Eragrostis*	Chl
Catapodium	Link	4		Poo
Cathariostachys	S. Dransf.	2		Bam
Cathestecum	J. Presl	–	=*Bouteloua*	Chl
Celtica	F.M. Vázquez & Barkworth	1		Poo
Cenchropsis	Nash	–	=*Cenchrus*	Pan

Appendix II Continued

Genera	Authors	No. spp.	Accepted name	Subfam.
Cenchrus	L.	120		Pan
Centotheca	Desv.	1		Pan
Centrochloa	Swallen	–	=*Axonopus*	Pan
Centropodia	Rchb.	4		Chl
Cephalostachyum	Munro	13		Bam
Ceratochloa	P. Beauv.	–	=*Bromus*	Poo
Chaboissaea	E. Fourn.	–	=*Muhlenbergia*	Chl
Chaetium	Nees	3		Pan
Chaetobromus	Nees	1		Dan
Chaetopoa	C.E. Hubb.	2		Pan
Chaetopogon	Janch.	–	=*Agrostis*	Poo
Chaetostichium	C.E. Hubb.	–	=*Oropetium*	Chl
Chaetotropis	Kunth	–	=*Polypogon*	Poo
Chamaeraphis	R. Br.	1		Pan
Chandrasekharania	V.J. Nair, V.S. Ramach. & Sreek.	1		Pan
Chascolytrum	Desv.	6		Poo
Chasechloa	A. Camus	3		Pan
Chasmanthium	Link	7		Pan
Chasmopodium	Stapf	3		PanA
Chevalierella	A. Camus	1		Pan
Chikusichloa	Koidz.	3		Ory
Chimaerochloa	H.P. Linder	1		Dan
Chimonobambusa	Makino	42		Bam
Chimonocalamus	Hsueh & T.P. Yi	18		Bam
Chionachne	R. Br.	9		PanA
Chionochloa	Zotov	25		Dan
Chloachne	Stapf	1		Pan
Chloothamnus	Buse	11		Bam
Chloris	Sw.	57		Chl
Chlorocalymma	Clayton	1		Pan
Chondrosum	Desv.	–	=*Bouteloua*	Chl
Chrysochloa	Swallen	4		Chl
Chrysopogon	Trin.	49		PanA
Chumsriella	Bor	–	=*Germania*	PanA
Chusquea	Kunth	177		Bam
Cinna	L.	4		Poo
Cinnagrostis	Griseb.	70		Poo
Cinnastrum	L.	1		Poo
Cladoraphis	Franch.	–	=*Eragrostis*	Chl
Clausospicula	Lazarides	1		PanA
Clavinodum	T.H. Wen	–	=*Oligostachyum*	Bam
Cleistachne	Benth.	1		PanA
Cleistochloa	C.E. Hubb.	23		Pan
Cleistogenes	Keng	14		Chl
Cliffordiochloa	B.K. Simon	–	=*Steinchisma*	Pan
Cnidochloa	Zuloaga	1		Pan
Cochinchinochloa	H.N. Nguyen & V.T. Tran	1		Bam
Cockaynea	Zotov	–	=*Stenostachys*	Poo
Coelachne	R. Br.	12		Mic
Coelachryopsis	Bor	–	=*Coelachyrum*	Pan
Coelachyrum	Hochst. & Nees	5		Chl
Coelorachis	Brongn.	–	=*Mnesithea*	PanA
Coix	L.	4		PanA
Colanthelia	McClure & E.W. Sm.	7		Bam
Coleanthus	Seidl	1		Poo
Coleataenia	Griseb.	7		Pan
Colpodium	Trin.	9		Poo
Commelinidium	Stapf	–	=*Acroceras*	Chl

Appendix II Continued

Genera	Authors	No. spp.	Accepted name	Subfam.
Condilorachia	Romasch., P.M. Peterson & Soreng	3		Poo
Connorochloa	Barkworth, S.W.L. Jacobs & H.Q. Zhang	1		Poo
Coridochloa	Nees	–	=*Alloteropsis*	Chl
Cornucopiae	L.	–	=*Alopecurus*	Poo
Cortaderia	Stapf	21		Dan
Corynephorus	P. Beauv.	6		Poo
Cottea	Kunth	1		Chl
Craspedorhachis	Benth.	3		Chl
Criciuma	Soderstr. & Londoño	–	=*Eremocaulon*	Bam
Crinipes	Hochst.	4		Aru
Critesion	Raf.	–	=*Hordeum*	Poo
Crithopsis	Jaub. & Spach	1		Poo
Crypsis	Aiton	–	=*Sporobolus*	Chl
Cryptochloa	Swallen	9		Bam
Ctenium	Panz.	21		Chl
Ctenopsis	De Not.	–	=*Festuca*	Poo
Cutandia	Willk.	7		Poo
Cyathopus	Stapf	1		Poo
Cyathorhachis	Nees ex Steud.	–	=*Polytoca*	PanA
Cyclostachya	Reeder & C. Reeder	–	=*Bouteloua*	Chl
Cymbopogon	Spreng.	59		PanA
Cymbosetaria	Schweick.	–	=*Setaria*	Pan
Cynodon	Rich.	25		Chl
Cynosurus	L.	10		Poo
Cyperochloa	Lazarides & L. Watson	1		Pan
Cyphochlaena	Hack.	2		Pan
Cypholepis	Chiov.	–	=*Disakisperma*	Chl
Cyphonanthus	Zuloaga & Morrone	1		Pan
Cyrtochloa	S. Dransf.	7		Bam
Cyrtococcum	Stapf	12		Pan
Dactylis	L.	3		Poo
Dactyloctenium	Willd.	13		Chl
Daknopholis	Clayton	1		Chl
Dallwatsonia	B.K. Simon	–	=*Hymenachne*	Pan
Danthonia	DC.	26		Dan
Danthoniastrum	(Holub) Holub	4		Poo
Danthonidium	C.E. Hubb.	1		Dan
Danthoniopsis	Stapf	16		Pan
Dasyochloa	Willd. ex Rydb.	1		Chl
Dasypoa	Pilg.	–	=*Poa*	Poo
Dasypyrum	(Coss. & Durieu) T. Durand	2		Poo
Davidsea	Soderstr. & R.P. Ellis	1		Bam
Decaryella	A. Camus	1		Chl
Decaryochloa	A. Camus	1		Bam
Dendrocalamopsis	Q.H. Dai & X.L. Tao	–	=*Bambusa*	Bam
Dendrocalamus	Nees	66		Bam
Dendrochloa	C.E. Parkinson	–	=*Schizostachyum*	Bam
Deschampsia	P. Beauv.	51		Poo
Desmazeria	Dumort.	3		Poo
Desmostachya	(Stapf) Stapf	1		Chl
Devauxia	Kunth	–	=*Glyceria*	Poo
Deyeuxia	Clarion ex P. Beauv.	–	=*Calamagrostis*	Poo
Diandranthus	L. Liu	–	=*Miscanthus*	PanA
Diandrochloa	De Winter	–	=*Eragrostis*	Chl
Diandrolyra	Stapf	3		Bam
Diandrostachya	(C.E. Hubb.) Jacq.-Fél.	–	=*Loudetiopsis*	Pan
Diarrhena	P. Beauv.	2		Poo
Dichaetaria	Nees ex Steud.	1		Pan

Appendix II Continued

Genera	Authors	No. spp.	Accepted name	Subfam.
Dichanthelium	(Hitchc. & Chase) Gould	62		Pan
Dichanthium	Willemet	22		PanA
Dichelachne	Endl.	–	=*Pentapogon*	Poo
Didymochaeta	Steud.	–	=*Agrostis*	Poo
Didymogonyx	(L.G. Clark & Londoño) C.D. Tyrrell, L.G. Clark & Londoño	2		Bam
Diectomis	Kunth	1		PanA
Dielsiochloa	Pilg.	–	=*Festuca*	Poo
Digastrium	(Hack.) A. Camus	–	=*Ischaemum*	PanA
Digitaria	Haller	271		Pan
Digitariopsis	C.E. Hubb.	–	=*Digitaria*	Pan
Dignathia	Stapf	5		Chl
Diheteropogon	(Hack.) Stapf	4		PanA
Dilophotriche	(C.E. Hubb.) Jacq.-Fél.	3		Pan
Dimeria	R. Br.	61		PanA
Dimorphochloa	S.T. Blake	1		Pan
Dinebra	Jacq.	21		Chl
Dinochloa	Buse	38		Bam
Diplachne	P. Beauv.	2		Chl
Diplopogon	R. Br.	–	=*Amphipogon*	Aru
Disakisperma	Steud.	4		Chl
Dissanthelium	Trin.	–	=*Poa*	Poo
Dissochondrus	(Hillebr.) Kuntze	1		Pan
Distichlis	Raf.	11		Chl
Douglasdeweya	C. Yen, J.L. Yang & B.R. Baum	2		Poo
Drake-brockmania	Stapf	–	=*Dinebra*	Chl
Dregeochloa	Conert	2		Aru
Drepanostachyum	Keng f.	10		Bam
Drymochloa	Holub	6		Poo
Dryopoa	Vickery	1		Poo
Dupontia	R. Br.	1		Poo
Dupontiopsis	Soreng, L.J. Gillespie & Koba	1		Poo
Duthiea	Hack.	3		Poo
Dybowskia	Stapf	–	=*Hyparrhenia*	PanA
Eccoilopus	Steud.	–	=*Spodiopogon*	PanA
Eccoptocarpha	Launert	1		Pan
Echinaria	Desf.	1		Poo
Echinaria	Heist. ex Fabr.	–	=*Cenchrus*	Pan
Echinochloa	P. Beauv.	33		Pan
Echinolaena	Desv.	2		Pan
Echinopogon	P. Beauv.	7		Poo
Ectrosia	R. Br.	–	=*Eragrostis*	Chl
Ectrosiopsis	(Ohwi) Ohwi ex Jansen	–	=*Eragrostis*	Chl
Ehrharta	Thunb.	27		Ory
Ekmanochloa	Hitchc.	2		Bam
Eleusine	Gaertn.	11		Chl
Elionurus	Humb. & Bonpl. ex Willd.	17		PanA
Ellisochloa	P.M. Peterson & N.P. Barker	2		Chl
Elymandra	Stapf	6		PanA
Elymus	L.	241		Poo
Elytrigia	Desv.	–	=*Elymus*	Poo
Elytrophorus	P. Beauv.	2		Aru
Elytrostachys	McClure	2		Bam
Enneapogon	Desv. ex P. Beauv.	24		Chl
Enteropogon	Nees	17		Chl
Enteropogonopsis	Wipff & R.B. Shaw	–	=*Tetrapogon*	Chl
Entolasia	Stapf	6		Pan
Entoplocamia	Stapf	1		Chl

Appendix II Continued

Genera	Authors	No. spp.	Accepted name	Subfam.
Eragrostiella	Bor	6		Chl
Eragrostis	Wolf	448		Chl
Eremitis	Döll	5		Bam
Eremium	Seberg & Linde-Laursen	–	=*Leymus*	Poo
Eremocaulon	Soderstr. & Londoño	4		Bam
Eremochloa	Buse	12		PanA
Eremopoa	Roshev.	–	=*Poa*	Poo
Eremopogon	Stapf	4		PanA
Eremopyrum	(Ledeb.) Jaub. & Spach	4		Poo
Eriachne	R. Br.	50		Mic
Erianthecium	Parodi	1		Poo
Erianthus	Michx.	–	=*Saccharum*	PanA
Eriochloa	Kunth	24		Pan
Eriochrysis	P. Beauv.	11		PanA
Eriocoma	Nutt.	26		Poo
Erioneuron	Nash	3		Chl
Erythranthera	Zotov	–	=*Rytidosperma*	Dan
Euchlaena	Schrad.	–	=*Zea*	PanA
Euclasta	Franch.	2		PanA
Eulalia	Kunth	34		PanA
Eulaliopsis	Honda	2		PanA
Eustachys	Desv.	16		Chl
Euthryptochloa	Cope	–	=*Phaenosperma*	Poo
Exotheca	Andersson	1		PanA
Fargesia	Franch.	86		Bam
Farrago	Clayton	1		Chl
Fasciculochloa	B.K. Simon & C.M. Weiller	–	=*Steinchisma*	Pan
Ferrocalamus	Hsueh & Keng f.	3		Bam
Festuca	L.	600		Poo
Festucella	E.B. Alexeev	–	=*Hookerochloa*	Poo
Festucopsis	(C.E. Hubb.) Melderis	1		Poo
Filgueirasia	Guala	2		Bam
Fimbribambusa	Widjaja	2		Bam
Fingerhuthia	Nees ex Lehm.	2		Chl
Froesiochloa	G.A. Black	1		Bam
Gaoligongshania	D.Z. Li. Hsueh & N.H. Xia	1		Bam
Garnotia	Brongn.	30		Pan
Gastridium	P. Beauv.	4		Poo
Gaudinia	P. Beauv.	8		Poo
Gaudinopsis	(Boiss.) Eig	5		Poo
Gelidocalamus	T.H. Wen	11		Bam
Geochloa	H.P. Linder & N.P. Barker	3		Dan
Germainia	Balansa & Poitr.	10		PanA
Gerritea	Zuloaga, Morrone & T. Killeen	1		Pan
Gigantochloa	Kurz ex Munro	64		Bam
Gilgiochloa	Pilg.	1		Pan
Glaziophyton	Franch.	1		Bam
Glyceria	R. Br.	48		Poo
Glyphochloa	Clayton	9		PanA
Gossweilerochloa	Renvoize	1		Chl
Gouinia	E. Fourn. ex Benth. & Hook. f.	14		Chl
Gouldochloa	Valdés-Reyna, Morden & S.L. Hatch	–	=*Chasmanthium*	Pan
Graphephorum	Desv.	7		Poo
Greeneochoa	P.M. Peterson, Soreng, Romasch. & Barberá	32		Poo
Greslania	Balansa	2		Bam
Griffithsochloa	G.J. Pierce	–	=*Bouteloua*	Chl
Guadua	Kunth	33		Bam
Guaduella	Franch.	6		Pue

Appendix II Continued

Genera	Authors	No. spp.	Accepted name	Subfam.
Gymnopogon	P. Beauv.	14		Chl
Gynerium	Willd. ex P. Beauv.	1		Pan
Gynmnachne	Parodi	–	=*Rhombolytrum*	Poo
Habrochloa	C.E. Hubb.	1		Chl
Hackelochloa	Kuntze	2		PanA
Hainardia	Greuter	1		Poo
Hakonechloa	Makino ex Honda	1		Aru
Halopyrum	Stapf	1		Chl
Harpachne	A. Rich.	–	=*Eragrostis*	Chl
Harpochloa	Kunth	2		Chl
Heleochloa	Rauschert	–	=*Sporobolus*	Chl
Helictochloa	Romero Zarco	30		Poo
Helictotrichon	Besser	37		Poo
Helleria	Host ex Roem.	–	=*Festuca*	Poo
Hellerochloa	E. Fourn	–	=*Festuca*	Poo
Hemarthria	R. Br.	14		PanA
Hemibromus	Steud.	–	=*Glyceria*	Poo
Hemisorghum	C.E. Hubb. ex Bor	–	=*Sorghum*	PanA
Henrardia	C.E. Hubb.	2		Poo
Hesperostipa	(M.K. Elias) Barkworth	5		Poo
Heterachne	Benth.	–	=*Eragrostis*	Chl
Heteranthelium	Hochst.	1		Poo
Heteranthoecia	Stapf	1		Mic
Heterocarpha	Stapf & C.E. Hubb.	–	=*Dinebra*	Chl
Heteropholis	C.E. Hubb.	6		PanA
Heteropogon	Pers.	6		PanA
Hickelia	A. Camus	4		Bam
Hierochloe	R. Br.	–	=*Anthoxanthum*	Poo
Hilaria	Kunth	10		Chl
Hildaea	C. Silva & R.P. Oliveira	14		Pan
Himalayacalamus	Keng f.	9		Bam
Hitchcockella	A. Camus	1		Bam
Holcolemma	Stapf & C.E. Hubb.	3		Pan
Holcus	L.	12		Poo
Holttumochloa	K.M. Wong	3		Bam
Homalotrichon	Banfi, Galasso & Bracchi	–	=*Avenula*	Poo
Homolepis	Chase	5		Pan
Homopholis	C.E. Hubb.	4		Pan
Homozeugos	Stapf	6		PanA
Hookerochloa	E.B. Alexeev	2		Poo
Hopia	Zuloaga & Morrone	1		Pan
Hordelymus	(Jess.) Harz	1		Poo
Hordeum	L.	43		Poo
Houzeaubambus	Mattei	–	=*Oxytenanthera*	Bam
Hsuehochloa	D.Z. Li & Y.X. Zhang	1		Bam
Hubbardia	Bor	2		Mic
Hubbardochloa	Auquier	2		Chl
Humbertochloa	A. Camus & Stapf	2		Ory
Hyalopoa	(Tzvelev) Tzvelev	6		Poo
Hyalopodium	Röser & Tkach	21		Poo
Hydrochloa	P. Beauv.	–	=*Luziola*	Ory
Hydropoa	(Dumort.) Dumort.	–	=*Glyceria*	Poo
Hydrothauma	C.E. Hubb.	1		Pan
Hygrochloa	Lazarides	1		Pan
Hygroryza	Nees	1		Ory
Hylebates	Chippin.	2		Pan
Hymenachne	P. Beauv.	13		Pan
Hyparrhenia	Andersson ex E. Fourn.	58		PanA

Appendix II Continued

Genera	Authors	No. spp.	Accepted name	Subfam.
Hyperthelia	Clayton	7		PanA
Hypogynium	Nees	–	=*Andropogon*	PanA
Hypseochloa	C.E. Hubb.	2		Poo
Hystrix	Moench	–	=*Elymus*	Poo
Ichnanthus	P. Beauv.	22		Pan
Imperata	Cirillo	13		PanA
Indocalamus	Nakai	33		Bam
Indochloa	Bor	–	=*Euclasta*	PanA
Indopoa	Bor	1		Chl
Indosasa	McClure	19		Bam
Isachne	R. Br.	105		Mic
Isalus	J.B. Phipps	–	=*Tristachya*	Pan
Ischaemum	L.	88		PanA
Ischnochloa	Hook. f.	–	=*Microstegium*	PanA
Ischnurus	Balf. f.	–	=*Lepturus*	Chl
Iseilema	Andersson	24		PanA
Ixophorus	Schltdl.	1		Pan
Jansenella	Bor	1		Pan
Jarava	Ruiz & Pav.	30		Poo
Jardinea	Steud.	3		PanA
Jouvea	E. Fourn.	2		Chl
Joycea	H.P. Linder	–	=*Rytidosperma*	Dan
Kalinia	H.L. Bell & Columbus	1		Chl
Kampochloa	Clayton	1		Chl
Kaokochloa	De Winter	1		Chl
Karroochloa	Conert & Türpe	–	=*Schismus*	Dan
Kellochloa	Lizarazu, M.V. Nicola & Scataglini	2		Pan
Kengia	Packer	–	=*Cleistogenes*	Chl
Kengyilia	C. Yen & J.L. Yang	25		Poo
Keniochloa	Melderis	–	=*Colpodium*	Poo
Keratochlaena	Morrone	1		Pan
Kerriochloa	C.E. Hubb.	1		PanA
Khoonmengia	N.H. Xia, Y.H. Tong & X.R. Zheng	1		Bam
Kikuyuochloa	H. Scholz	–	=*Cenchrus*	Pan
Kinabaluchloa	K.M. Wong	2		Bam
Klemachloa	R. Parker	–	=*Dendrocalamus*	Bam
Koeleria	Pers.	96		Poo
Koordersiochloa	Merr.	2		Poo
Kuruna	Attigala, Kathriar. & L.G. Clark	7		Bam
Lachnagrostis	Trin.	40		Poo
Laegaardia	P.M. Peterson, Soreng, Romasch. & Barberá	1		Poo
Lagurus	L.	1		Poo
Lakshmia	Veldkamp	1		PanA
Lamarckia	Moench	1		Poo
Lamprothyrsus	Pilg.	–	=*Cortaderia*	Dan
Laobambos	Haev., Lamxay & D.Z. Li	1		Bam
Lasiacis	(Griseb.) Hitchc.	15		Pan
Lasiorhachis	(Hack.) Stapf	3		PanA
Lasiurus	Boiss.	1		PanA
Latipes	Kunth	–	=*Leptothrium*	Pan
Lecomtella	A. Camus	1		Pan
Leersia	Sw.	18		Ory
Leleba	Rumph.	–	=*Bambusa*	Bam
Lepargochloa	Launert	–	=*Loxodera*	PanA
Leptagrostis	C.E. Hubb.	1		Aru
Leptaspis	R. Br.	3		Pha
Leptatherum	Nees	3		PanA
Leptocanna	L.C. Chia & H.L. Fung	–	=*Cephalostachyum*	Bam

Appendix II Continued

Genera	Authors	No. spp.	Accepted name	Subfam.
Leptocarydion	Hochst. ex Stapf	1		Chl
Leptochloa	P. Beauv.	8		Chl
Leptochloopsis	Yates	–	=*Uniola*	Chl
Leptocoryphium	Nees	–	=*Anthaenantia*	Pan
Leptoloma	Chase	–	=*Digitaria*	Pan
Leptophyllochloa	C.E. Calderón	–	=*Cinnagrostis*	Poo
Leptosaccharum	(Hack.) A. Camus	–	=*Eriochrysis*	PanA
Leptothrium	Kunth	2		Chl
Lepturella	Stapf	–	=*Oropetium*	Chl
Lepturidium	Hitchc. & Ekman	1		Chl
Lepturopetium	Morat	2		Chl
Lepturus	R. Br.	16		Chl
Leucophrys	Rendle	1		Pan
Leucopoa	Griseb.	27		Poo
Leymus	Hochst.	55		Poo
Libyella	Pamp.	–	=*Poa*	Poo
Limnas	Trin.	3		Poo
Limnodea	L.H. Dewey	1		Poo
Limnopoa	C.E. Hubb.	1		Mic
Lindbergella	Bor	–	=*Poa*	Poo
Lingnania	McClure	–	=*Bambusa*	Bam
Linkagrostis	Romero Garcia & C. Morales	–	=*Agrostis*	Poo
Lintonia	Stapf	–	=*Chloris*	Chl
Lithachne	P. Beauv.	4		Bam
Littledalea	Hemsl.	4		Poo
Locajonoa	Soreng	2		Poo
Lojaconoa	Gand.	–	=*Locajonoa*	Poo
Loliolum	V.I. Krecz. & Bobrov	–	=*Festuca*	Poo
Lolium	L.	28		Poo
Lombardochloa	Roseng. & B.R. Arrill.	1		Poo
Lophacme	Stapf	2		Chl
Lophatherum	Brongn.	2		Pan
Lopholepis	Decne.	–	=*Perotis*	Chl
Lophopogon	Hack.	2		PanA
Lophopyrum	Á. Löve	–	=*Thinopyrum*	Poo
Lorenzochloa	Reeder & C. Reeder	8		Poo
Loudetia	Hochst. ex Steud.	25		Pan
Loudetiopsis	Conert	13		Pan
Louisiella	C.E. Hubb. & J. Léonard	2		Pan
Loxodera	Launert	5		PanA
Luziola	Juss.	11		Ory
Lycochloa	Samuelsson	1		Poo
Lycurus	Kunth	–	=*Muhlenbergia*	Chl
Lygeum	Loefl. ex L.	1		Poo
Maclurochloa	K.M. Wong	3		Bam
Maclurolyra	C.E. Calderón & Soderstr.	1		Bam
Macrochloa	Kunth	2		Poo
Macrohystrix	(Tzvelev) Tzvelev & Prob.	–	=*Leymus*	Poo
Maillea	Parl.	–	=*Phleum*	Poo
Malacurus	Nevski	–	=*Leymus*	Poo
Maltebrunia	Kunth	4		Ory
Manisuris	L.	1		PanA
Massia	Balansa	–	=*Eriachne*	Mic
Matudacalamus	F. Maek.	–	=*Aulonemia*	Bam
Mayariochloa	Salariato, Morrone & Zuloaga	1		Pan
Megalachne	Steud.	–	=*Festuca*	Poo
Megaloprotachne	C.E. Hubb.	–	=*Digitaria*	Pan
Megastachya	P. Beauv.	2		Pan

Appendix II Continued

Genera	Authors	No. spp.	Accepted name	Subfam.
Megathyrsus	(Pilg.) B.K. Simon & S.W.L. Jacobs	2		Pan
Melanocenchris	Nees	3		Chl
Melica	L.	92		Poo
Melinis	P. Beauv.	22		Pan
Melocalamus	Benth.	14		Bam
Melocanna	Trin.	3		Bam
Menstruocalamus	T.P. Yi	–	=*Chimonobambusa*	Bam
Merostachys	Spreng.	55		Bam
Merxmuellera	Conert	9		Dan
Mesosetum	Steud.	26		Pan
Metasasa	W.T. Lin	–	=*Acidosasa*	Bam
Metcalfia	Conert	1		Poo
Mibora	Adans.	2		Poo
Micrachne	P.M. Peterson, Romasch. & Y. Herrera	5		Chl
Micraira	F. Muell.	15		Mic
Microbriza	Parodi ex Nicora & Rúgolo	1		Poo
Microcalamus	Franch.	1		Pan
Microchloa	R. Br.	6		Chl
Microhystrix	(Tzvelev) Tzvelev & Prob.	–	=*Leymus*	Poo
Microlaena	R. Br.	4		Ory
Micropyropsis	Romero Zarco & Cabezudo	–	=*Lolium*	Poo
Micropyrum	(Gaudin) Link	–	=*Festuca*	Poo
Microstegium	Nees	27		PanA
Mildbraediochloa	Butzin	–	=*Melinis*	Pan
Milium	L.	6		Poo
Miscanthidium	Stapf	–	=*Miscanthus*	PanA
Miscanthus	Andersson	30		PanA
Mnesithea	Kunth	26		PanA
Mniochloa	Chase	1		Bam
Molineriella	Rouy	3		Poo
Molinia	Schrank	1		Aru
Moliniopsis	Hayata	1		Aru
Monachather	Steud.	1		Aru
Monanthochloe	Engelm.	–	=*Distichlis*	Chl
Monelytrum	Hack.	1		Chl
Monium	Stapf	–	=*Anadelphia*	PanA
Monocladus	L.C. Chia, H.L. Fung & Y.L. Yang	–	=*Bonia*	Bam
Monocymbium	Stapf	3		PanA
Monodia	S.W.L. Jacobs	–	=*Triodia*	Chl
Monospatha	W.T. Lin	–	=*Yushania*	Bam
Monostachya	Merr.	–	=*Rytidosperma*	Dan
Moorochloa	Veldkamp	3		Pan
Morronea	Zuloaga & Scataglini	6		Pan
Mosdenia	Stent	1		Chl
Muhlenbergia	Schreb.	183		Chl
Mullerochloa	K.M. Wong	1		Bam
Munroa	Torr.	5		Chl
Myriocladus	Swallen	12		Bam
Myriostachya	(Benth.) Hook. f.	1		Chl
Nanooravia	Kiran Raj & Sivad.	–	=*Dimeria*	PanA
Narduroides	Rouy	–	=*Festuca*	Poo
Nardus	L.	1		Poo
Narenga	Bor	–	=*Miscanthus*	PanA
Nassella	(Trin.) E. Desv.	117		Poo
Nastus	Juss.	12		Bam
Nastus	Lunell	–	=*Cenchrus*	Pan
Neeragrostis	Bush	–	=*Eragrostis*	Chl
Neesiochloa	Pilg.	1		Chl

Appendix II Continued

Genera	Authors	No. spp.	Accepted name	Subfam.
Nematopoa	C.E. Hubb.	1		Chl
Neobambus	Keng ex Keng f.	–	=*Sinobambusa*	Bam
Neobouteloua	Gould	2		Chl
Neoholubia	Tzvelev	–	=*Avenula*	Poo
Neohouzeaua	A. Camus	3		Bam
Neololeba	Widjaja	5		Bam
Neomicrocalamus	Keng f.	3		Bam
Neomolinia	Honda	3		Poo
Neosasamorpha	Tatew.	–	=*Sasa*	Bam
Neoschischkinia	Tzvelev	–	=*Agrostis*	Poo
Neosinocalamus	Keng f.	–	=*Bambusa*	Bam
Neostapfia	Burtt Davy	1		Chl
Neostapfiella	A. Camus	3		Chl
Neotrinia	(Tzvelev) M. Nobis, P.D. Gudkova & A. Nowak	1		Poo
Nephelochloa	Boiss.	1		Poo
Neurachne	R. Br.	8		Pan
Neurolepis	Meisn.	–	=*Chusquea*	Bam
Neuropoa	Clayton	–	=*Poa*	Poo
Nevroloma	Raf.	–	=*Glyceria*	Poo
Nevskiella	V.I. Krecz. & Vved.	–	=*Bromus*	Poo
Neyraudia	Hook. f.	5		Chl
Nianhochloa	H.N. Nguyen & V.T. Tran	1		Bam
Nicoraella	Torres	–	=*Lorenzochloa*	Pan
Nicoraepoa	Soreng & L.J. Gillespie	7		Poo
Nipponocalamus	Nakai	–	=*Pleioblastus*	Bam
Notochloe	Domin	1		Dan
Notodanthonia	Zotov	–	=*Rytidosperma*	Dan
Notonema	Raf.	–	=*Agrostis*	Poo
Ocellochloa	Zuloaga & Morrone	12		Pan
Ochlandra	Thwaites	10		Bam
Ochlopoa	(Asch. & Graebn.) H. Scholz	–	=*Poa*	Poo
Ochthochloa	Edgew.	–	=*Chloris*	Chl
Odontelytrum	Hack.	–	=*Cenchrus*	Pan
Odyssea	Stapf	1		Chl
Oedochloa	C. Silva & R.P. Oliveira	9		Pan
Oldeania	Stapleton	7		Bam
Oligostachyum	Z.P. Wang & G.H. Ye	17		Bam
Olmeca	Soderstr.	5		Bam
Oloptum	Röser & H.R. Hamasha	2		Poo
Olyra	L.	25		Bam
Oncorachis	Morrone & Zuloaga	2		Pan
Ophiochloa	Filg., Davidse & Zuloaga	–	=*Axonopus*	Pan
Ophiuros	C.F. Gaertn.	4		PanA
Opizia	J. Presl	–	=*Bouteloua*	Chl
Oplismenopsis	Parodi	1		Pan
Oplismenus	P. Beauv.	8		Pan
Orcuttia	Vasey	8		Chl
Oreiostachys	H. Scholz & Parolly	–	=*Chloothamnus*	Bam
Oreobambos	K. Schum.	1		Bam
Oreocalamus	Keng	–	=*Chimonobambusa*	Bam
Oreochloa	Link	4		Poo
Oreopoa	H. Scholz & Parolly	–	=*Poa*	Poo
Orinus	Hitchc.	3		Chl
Oropetium	Trin.	6		Chl
Ortachne	Nees ex Steud.	2		Poo
Orthacanthus	P.M. Peterson & Romasch.	1		Chl
Orthoclada	P. Beauv.	2		Pan
Orthoraphium	Nees	1		Poo

Appendix II Continued

Genera	Authors	No. spp.	Accepted name	Subfam.
Oryza	L.	21		Ory
Oryzidium	C.E. Hubb. & Schweick.	1		Pan
Oryzopsis	Michx.	1		Poo
Osvaldoa	J.R. Grande	1		Pan
Otachyrium	Nees	8		Pan
Otatea	(McClure & E.W. Sm.) C.E. Calderón & Soderstr.	11		Bam
Ottochloa	Dandy	3		Pan
Oxychloris	Lazarides	1		Chl
Oxydenia	Nutt.	–	=*Dinebra*	Chl
Oxyrhachis	Pilg.	1		PanA
Oxytenanthera	Munro	1		Bam
Panicum	L.	163		Pan
Pappagrostis	Roshev.	1		Poo
Pappophorum	Schreb.	8		Chl
Pappostipa	(Speg.) Romasch., P.M. Peterson & Soreng	31		Poo
Parabambusa	Widjaja	1		Bam
Paracolpodium	(Tzvelev) Tzvelev	7		Poo
Paractaenum	P. Beauv.	2		Pan
Parafestuca	E.B. Alexeev	–	=*Koeleria*	Poo
Parahyparrhenia	A. Camus	6		PanA
Paramochloa	P.M. Peterson, Soreng, Romasch. & Barberá	2		Poo
Paraneurachne	S.T. Blake	–	=*Neurachne*	Pan
Parapholis	C.E. Hubb.	6		Poo
Paratheria	Griseb.	1		Pan
Parectenium	Stapf	–	=*Paractenium*	Pan
Pariana	Aubl.	27		Bam
Parianella	Hollowell, F.M. Ferreira & R.P. Oliveira	2		Bam
Parodiochloa	C.E. Hubb.	–	=*Poa*	Poo
Parodiolyra	Soderstr. & Zuloaga	6		Bam
Parodiophyllochloa	Zuloaga & Morrone	6		Pan
Parvotrisetum	Chrtek	1		Poo
Pascopyrum	Á. Löve	1		Poo
Paspalidium	Stapf	–	=*Setaria*	Pan
Paspalum	L.	311		Pan
Patis	Ohwi	3		Poo
Patzkea	G.H. Loos	2		Poo
Pennisetum	Rich.	–	=*Cenchrus*	Pan
Pentameris	P. Beauv.	84		Dan
Pentapogon	R. Br.	49		Poo
Pentarrhaphis	Kunth	–	=*Bouteloua*	Chl
Pentaschistis	(Nees) Spach	–	=*Pentameris*	Dan
Pereilema	J. Presl	–	=*Muhlenbergia*	Chl
Periballia	Trin.	1		Poo
Peridictyon	Seberg, Fred. & Baden	1		Poo
Perotis	Aiton	16		Chl
Perrierbambus	A. Camus	2		Bam
Perulifera	A. Camus	–	=*Pseudoechinolaena*	Pan
Petriella	Zotov	–	=*Zotovia*	Mic
Peyritschia	E. Fourn.	31		Poo
Phacelurus	Griseb.	6		PanA
Phaenanthoecium	C.E. Hubb.	1		Dan
Phaenosperma	Munro ex Benth.	1		Poo
Phalaris	L.	20		Poo
Phalaroides	Wolf	–	=*Phalaris*	Poo
Phanopyrum	(Raf.) Nash	1		Pan
Pharus	P. Browne	7		Pha
Pheidochloa	S.T. Blake	–	=*Eriachne*	Mic
Phippsia	(Trin.) R. Br.	3		Poo

Appendix II Continued

Genera	Authors	No. spp.	Accepted name	Subfam.
Phleum	L.	16		Poo
Pholiurus	Host ex Trin.	1		Poo
Phragmites	Adans.	4		Aru
Phuphanochloa	Sungkaew & Teerawat.	1		Bam
Phyllorachis	Trimen	1		Ory
Phyllostachys	Siebold & Zucc.	61		Bam
Pilgerochloa	Eig	–	=*Ventenata*	Poo
Pinga	Widjaja	1		Bam
Piptatheropsis	Romasch., P.M. Peterson & Soreng	5		Poo
Piptatherum	P. Beauv.	32		Poo
Piptochaetium	J. Presl	35		Poo
Piptophyllum	C.E. Hubb.	1		Aru
Piresia	Swallen	5		Bam
Piresiella	Judz., Zuloaga & Morrone	1		Bam
Plagiantha	Renvoize	1		Pan
Plagiosetum	Benth.	1		Pan
Planichloa	B.K. Simon	–	=*Eragrostis*	Chl
Platonia	Kunth	–	=*Chusquea*	Bam
Plectrachne	Henrard	–	=*Triodia*	Chl
Pleiadelphia	Stapf	–	=*Elymandra*	PanA
Pleioblastus	Nakai	25		Bam
Pleuraphis	Torr.	–	=*Hilaria*	Chl
Pleuropogon	R. Br.	6		Poo
Plinthanthesis	Steud.	3		Dan
Poa	L.	570		Poo
Poagrostis	Stapf	–	=*Pentameris*	Dan
Pobeguinea	(Stapf) Jacq.-Fél.	–	=*Anadelphia*	PanA
Podagrostis	(Griseb.) Scribn. & Merr.	12		Poo
Podophorus	Phil.	–	=*Festuca*	Poo
Poecilostachys	Hack.	19		Pan
Pogonachne	Bor	1		PanA
Pogonarthria	Stapf	–	=*Eragrostis*	Chl
Pogonatherum	P. Beauv.	3		PanA
Pogoneura	Napper	–	=*Pogononeura*	Chl
Pogonochloa	C.E. Hubb.	1		Chl
Pogononeura	Napper	1		Chl
Pohlidium	Davidse, Soderstr. & R.P. Ellis	–	=*Zeugites*	Pan
Poidium	Nees	9		Poo
Polevansia	De Winter	1		Chl
Polliniopsis	Hayata	–	=*Leptatherum*	PanA
Polyanthus	C.H. Hu ex Y.C. Hu	–	=*Pleioblastus*	Bam
Polypogon	Desf.	22		Poo
Polytoca	R. Br.	2		PanA
Polytrias	Hack.	1		PanA
Pommereulla	L. f.	1		Chl
Porroteranthe	Steud.	–	=*Glyceria*	Poo
Porteresia	Tateoka	–	=*Oryza*	Ory
Potamophila	R. Br.	1		Ory
Pratochloa	Hardion	1		Aru
Preissia	Opiz	–	=*Avena*	Poo
Pringleochloa	Scribn.	–	=*Bouteloua*	Chl
Prionanthium	Desv.	–	=*Pentameris*	Dan
Prosphytochloa	Schweick.	1		Ory
Psammagrostis	C.A. Gardner & C.E. Hubb.	–	=*Eragrostis*	Chl
Psammochloa	Hitchc.	1		Poo
Psathyrostachys	Nevski	10		Poo
Pseudanthistiria	(Hack.) Hook. f.	4		PanA
Pseudarrhenatherum	Rouy	–	=*Helictotrichon*	Poo

Appendix II Continued

Genera	Authors	No. spp.	Accepted name	Subfam.
Pseudechinolaena	Stapf	6		Pan
Pseudobambusa	T.Q. Nguyen	–	=*Bambusa*	Bam
Pseudobrachiaria	Launert	–	=*Megathyrsus?*	Pan
Pseudobromus	K. Schum.	10		Poo
Pseudochaetochloa	Hitchc.	1		Pan
Pseudocoix	A. Camus	–	=*Hickelia*	Bam
Pseudodanthonia	Bor & C.E. Hubb.	1		Poo
Pseudodichanthium	Bor	1		PanA
Pseudoeriocoma	Romasch., P.M. Peterson & Soreng	6		Poo
Pseudolasiacis	(A. Camus) A. Camus	4		Pan
Pseudopentameris	Conert	3		Dan
Pseudophleum	Doğan	2		Poo
Pseudopogonatherum	A. Camus	5		PanA
Pseudoraphis	Griff.	8		Pan
Pseudoroegneria	(Nevski) Á. Löve	15		Poo
Pseudosasa	Makino ex Nakai	20		Bam
Pseudosclerochloa	Tzvelev	–	=*Puccinellia*	Poo
Pseudosorghum	A. Camus	2		PanA
Pseudostachyum	Munro	1		Bam
Pseudovossia	A. Camus	–	=*Phacelurus*	PanA
Pseudoxytenanthera	Soderstr. & R.P. Ellis	4		Bam
Pseudozoysia	Chiov.	1		Chl
Psilathera	Link	1		Poo
Psilolemma	S.M. Phillips	1		Chl
Psilurus	Trin.	–	=*Festuca*	Poo
Pterochloris	(A. Camus) A. Camus	–	=*Chloris*	Chl
Ptilagrostiella	Romasch., P.M. Peterson & Soreng	1		Poo
Ptilagrostis	Griseb.	9		Poo
Puccinellia	Parl.	116		Poo
Puelia	Franch.	5		Pue
Pyrrhanthera	Zotov	–	=*Rytidosperma*	Dan
Qiongzhuea	Hsueh, Chi Ju & T.P. Yi	–	=*Chimonobambusa*	Bam
Racemobambos	Holttum	19		Bam
Raddia	Bertol.	9		Bam
Raddiella	Swallen	8		Bam
Raimundochloa	A.M. Molina	–	=*Poa*	Poo
Ratzeburgia	Kunth	1		PanA
Ravenochloa	D.Z. Li & Y.X. Zhang	1		Bam
Redfieldia	Vasey	–	=*Muhlenbergia*	Chl
Reederochloa	Soderstr. & H.F. Decker	–	=*Distichlis*	Chl
Rehia	Fijten	1		Bam
Reimarochloa	Hitchc.	–	=*Paspalum*	Pan
Reitzia	Swallen	1		Bam
Relchela	Steud.	1		Poo
Rendlia	Chiov.	–	=*Microchloa*	Chl
Renvoizea	Zuloaga & Morrone	10		Pan
Rettbergia	Raddi	–	=*Chusquea*	Bam
Reynaudia	Kunth	1		Pan
Rheochloa	Filg., P.M. Peterson & Y. Herrera	1		Chl
Rhipidocladum	McClure	19		Bam
Rhizocephalus	Boiss.	1		Poo
Rhombolytrum	Link	3		Poo
Rhynchelytrum	Nees	–	=*Melinis*	Pan
Rhynchoryza	Baill.	1		Ory
Rhytachne	Desv. ex Ham.	12		PanA
Richardsiella	Elffers & Kenn.-O'Byrne	–	=*Eragrostis*	Chl
Robynsiochloa	Jacq.-Fél.	–	=*Chasmopodium*	PanA
Roegneria	K. Koch	–	=*Elymus*	Poo

Appendix II Continued

Genera	Authors	No. spp.	Accepted name	Subfam.
Rosengurttia	L.N. Silva	1		Poo
Rostraria	Trin.	11		Poo
Rottboellia	Naezén	6		PanA
Rubimons	B.S. Sun	–	=*Miscanthus*	PanA
Rugoloa	Zuloaga	3		Pan
Ruhooglandia	S. Dransf. & K.M. Wong	1		Bam
Rupichloa	Salariato & Morrone	2		Pan
Rytidosperma	Steud.	76		Dan
Saccharum	L.	32		PanA
Sacciolepis	Nash	26		Pan
Salmasia	Bubani	–	=*Aira*	Poo
Sarga	Ewart	9		PanA
Sarocalamus	Stapleton	3		Bam
Sartidia	De Winter	6		Ari
Sasa	Makino & Shibata	43		Bam
Sasaella	Makino	12		Bam
Sasamorpha	Nakai	5		Bam
Saugetia	Hitchc. & Chase	–	=*Tetrapogon*	Chl
Saxipoa	Soreng, L.J. Gillespie & S.W.L. Jacobs	1		Poo
Schaffnerella	Nash	–	=*Muhlenbergia*	Chl
Schedonnardus	Steud.	–	=*Muhlenbergia*	Chl
Schedonorus	P. Beauv.	–	=*Lolium*	Poo
Schenckochloa	J.J. Ortíz	1		Chl
Schismus	P. Beauv.	5		Dan
Schizachne	Hack.	3		Poo
Schizachyrium	Nees	70		PanA
Schizostachyum	Nees	62		Bam
Schmidiella	Veldkamp	1		Pan
Schmidtia	Steud. ex J.A. Schmidt	2		Chl
Schoenefeldia	Kunth	1		Chl
Schoenefeldiella	P.M. Peterson	1		Chl
Scirpobambos ("..bus")	(A. Rich.) Kuntze	–	=*Oxytenanthera*	Bam
Sclerachne	R. Br.	–	=*Chionachne*	PanA
Sclerochlamys	P. Beauv.	–	=*Keratochlaena*	Pan
Sclerochloa	Stapf	3		Poo
Sclerodactylon	Griseb.	1		Chl
Sclerodeyeuxia	(Stapf) Pilg.	–	=*Pentapogon*	Poo
Scleropogon	Phil.	1		Chl
Sclerostachya	(Andersson ex Hack.) A. Camus	–	=*Miscanthus*	PanA
Scolochloa	Link	2		Poo
Scribneria	Hack.	–	=*Deschampsia*	Poo
Scrotochloa	Judz.	2		Pha
Scutachne	Hitchc. & Chase	1		Pan
Secale	L.	8		Poo
Sehima	Forssk.	5		PanA
Sellulocalamus	W.T. Lin	–	=*Dendrocalamus*	Bam
Semiarundinaria	Nakai	8		Bam
Sesleria	Scop.	30		Poo
Sesleriella	Deyl	1		Poo
Setaria	P. Beauv.	115		Pan
Setariopsis	Scribn.	2		Pan
Setiacis	S.L. Chen & Y.X. Jin	1		Pan
Shibataea	Makino ex Nakai	7		Bam
Sibirostrisetum	Barberá, Soreng, Romasch., Quintanar & P.M. Peterson	6		Poo
Sieglingia	Bernh.	–	=*Danthonia*	Dan
Silentvalleya	V.J. Nair, Sreek., Vajr. & Bhargavan	2		Chl

Appendix II Continued

Genera	Authors	No. spp.	Accepted name	Subfam.
Simplicia	Kirk	3		Poo
Sinarundinaria	Nakai	–	=*Fargesia*	Bam
Sinobambusa	Makino ex Nakai	13		Bam
Sinocalamus	McClure	–	=*Dendrocalamus*	Bam
Sinochasea	Keng	1		Poo
Sinosasa	L.C. Chia ex N.H. Xia, Q.M. Qin & Y.H. Tong	7		Bam
Sirochloa	S. Dransf.	1		Bam
Sitanion	Raf.	–	=*Elymus*	Poo
Snowdenia	C.E. Hubb.	–	=*Cenchrus*	Pan
Soderstromia	C.V. Morton	–	=*Bouteloua*	Chl
Soejatmia	K.M. Wong	1		Bam
Sohnsia	Airy Shaw	1		Chl
Sokinochloa	S. Dransf.	7		Bam
Sorengia	Zuloaga & Morrone	–	=*Coleataenia*	Pan
Sorghastrum	Nash	21		PanA
Sorghum	Moench	24		PanA
Spartina	Schreb.	–	=*Sporobolus*	Chl
Spartochloa	C.E. Hubb.	1		Pan
Spathia	Ewart	1		PanA
Sphaerobambos	S. Dransf.	3		Bam
Sphaerocaryum	Nees ex Hook. f.	1		Mic
Spheneria	Kuhlm.	–	=*Paspalum*	Pan
Sphenopholis	Scribn.	6		Poo
Sphenopus	Trin.	2		Poo
Spinifex	L.	4		Pan
Spodiopogon	Trin.	18		PanA
Sporobolus	R. Br.	220		Chl
Stapfochloa	H. Scholz	6		Chl
Stapletonia	P. Singh, S.S. Dash & P. Kumari	2		Bam
Steinchisma	Raf.	9		Pan
Steirachne	Ekman	–	=*Eragrostis*	Chl
Stenofestuca	(Honda) Nakai	–	=*Bromus*	Poo
Stenostachys	Turcz.	4		Poo
Stenotaphrum	Trin.	7		Pan
Stephanachne	Keng	3		Poo
Stephostachys	Zuloaga & Morrone	1		Pan
Stereochlaena	Hack.	4		Pan
Steyermarkochloa	Davidse & R.P. Ellis	1		Pan
Stiburus	Stapf	–	=*Eragrostis*	Chl
Stilpnophleum	Nevski	–	=*Calamagrostis*	Poo
Stipa	L.	120		Poo
Stipagrostis	Nees	56		Ari
Stipella	(Tzvelev) Röser & H.R. Hamasha	–	=*Stipellula*	Poo
Stipellula	Röser & H.R. Hamasha	3		Poo
Streblochaete	Hochst. ex Pilg.	–	=*Koordersiochloa*	Poo
Streptochaeta	Schrad. ex Nees	3		Ano
Streptogyna	P. Beauv.	2		Ory
Streptolophus	Hughes	1		Pan
Streptostachys	Desv.	1		Pan
Stylagrostis	Mez	–	=*Deschampsia*	Poo
Styppeiochloa	De Winter	3		Aru
Sucrea	Soderstr.	3		Bam
Suddia	Renvoize	1		Ory
Swallenia	Soderstr. & H.F. Decker	1		Chl
Swallenochloa	McClure	–	=*Chusquea*	Bam
Sylvipoa	Soreng, L.J. Gillespie & S.W.L. Jacobs	1		Poo
Symplectrodia	Lazarides	–	=*Triodia*	Chl

Appendix II Continued

Genera	Authors	No. spp.	Accepted name	Subfam.
Taeniatherum	Nevski	1		Poo
Taeniorhachis	Cope	1		Pan
Taquara	I.L.C. Oliveira & R.P. Oliveira	2		Bam
Tarigidia	Stent	2		Pan
Tatianyx	Zuloaga & Soderstr.	1		Pan
Teinostachyum	Munro	–	=*Schizostachyum*	Bam
Temburongia	S. Dransf. & K.M. Wong	1		Bam
Temochloa	S. Dransf.	1		Bam
Tenaxia	N.P. Barker & H.P. Linder	8		Dan
Tetrachaete	Chiov.	1		Chl
Tetrachne	Nees	1		Chl
Tetrapogon	Desf.	10		Chl
Tetrarrhena	R. Br.	6		Ory
Thamnocalamus	Munro	4		Bam
Thaumastochloa	C.E. Hubb.	8		PanA
Thedachloa	S.W.L. Jacobs	1		Pan
Thelepogon	Roth	2		PanA
Thellungia	Stapf	–	=*Sporobolus*	Chl
Themeda	Forssk.	32		PanA
Thinopyrum	Á. Löve	7		Poo
Thorneochloa	Romasch., P.M. Peterson & Soreng	1		Poo
Thrasya	Kunth	–	=*Paspalum*	Pan
Thrasyopsis	Parodi	–	=*Paspalum*	Pan
Thuarea	Pers.	2		Pan
Thyridachne	C.E. Hubb.	1		Pan
Thyridolepis	S.T. Blake	3		Pan
Thyrsia	Stapf	4		PanA
Thyrsostachys	Gamble	2		Bam
Thysanolaena	Nees	1		Pan
Tibisia	C.D. Tyrrell, Londoño & L.G. Clark	3		Bam
Timouria	Roshev.	5		Poo
Toliara	Judz.	–	=*Perotis*	Chl
Tongpeia	Stapleton	–	=?	Bam
Torreyochloa	G.L. Church	4		Poo
Tovarochloa	T.D. Macfarl. & P. But	–	=*Poa*	Poo
Trachynia	Link	–	=*Brachypodium*	Poo
Trachypogon	Nees	4		PanA
Trachys	Pers.	2		Pan
Tragus	Haller	8		Chl
Triarrhena	(Maxim.) Nakai	–	=*Miscanthus*	PanA
Triavenopsis	P. Candargy	–	=*Duthiea s.l.*	Poo
Tribolium	Desv.	16		Dan
Trichaeta	P. Beauv.	–	=*Gaudinia s.l.*	Poo
Trichachne	Nees	–	=*Digitaria*	Pan
Trichanthecium	Zuloaga & Morrone	45		Pan
Trichloris	E. Fourn. ex Benth.	–	=*Leptochloa*	Chl
Trichodium	Michx.	–	=*Agrostis*	Poo
Tricholaena	Schrad.	4		Pan
Tricholemma	(Röser) Röser	2		Poo
Trichoneura	Andersson	8		Chl
Trichopteryx	Nees	5		Pan
Tridens	Roem. & Schult.	16		Chl
Tridentopsis	P.M. Peterson	2		Chl
Trigonochloa	P.M. Peterson & N. Snow	2		Chl
Trikeraia	Bor	2		Poo
Trilobachne	M. Schenck ex Henrard	1		PanA
Triniochloa	Hitchc.	6		Poo
Triodia	R. Br.	69		Chl

Appendix II Continued

Genera	Authors	No. spp.	Accepted name	Subfam.
Triphlebia	Stapf	–	=*Eragrostis*	Chl
Tripidium	H. Scholz	7		PanA
Triplachne	Link	1		Poo
Triplasiella	P.M. Peterson & Romasch.	1		Chl
Triplasis	P. Beauv.	2		Chl
Triplopogon	Bor	1		PanA
Tripogon	Roem. & Schult.	46		Chl
Tripogonella	P.M. Peterson & Romasch.	3		Chl
Tripsacum	L.	16		PanA
Triraphis	R. Br.	8		Chl
Triscenia	Griseb.	1		Pan
Trisetaria	Forssk.	7		Poo
Trisetobromus	Nevski	–	=*Bromus*	Poo
Trisetopsis	Röser & A. Wölk	29		Poo
Trisetum	Pers.	1		Poo
Tristachya	Nees	21		Pan
Triticum	L.	18		Poo
Tuctoria	Reeder	–	=*Orcuttia*	Chl
Typhoides	Moench	–	=*Phalaris*	Poo
Tzvelevia	E.B. Alexeev	–	=*Poa*	Poo
Tzveleviochloa	Röser & A. Wölk	43		Poo
Uniola	L.	5		Chl
Uranthoecium	Stapf	1		Pan
Urelytrum	Hack.	7		PanA
Urochlaena	Nees	–	=*Tribolium*	Dan
Urochloa	P. Beauv.	100		Pan
Urochondra	C.E. Hubb.	1		Chl
Vacoparis	Spangler	–	=*Sorghum*	PanA
Vahlodea	Fr.	2		Poo
Valiha	S. Dransf.	2		Bam
Vaseyochloa	Hitchc.	1		Chl
Veldkampia	Y. Ibaragi & Shiro Kobay.	1		PanA
Ventenata	Koeler	3		Poo
Vetiveria	Lem.-Lis	–	=*Chrysopogon*	PanA
Vietnamocalamus	T.Q. Nguyen	1		Bam
Vietnamochloa	Veldkamp & Nowack	1		Chl
Vietnamosasa	T.Q. Nguyen	3		Bam
Viguierella	A. Camus	–	=*Eragrostis*	Chl
Vossia	Wall. & Griff.	1		PanA
Vulpia	C.C. Gmel.	–	=*Festuca*	Poo
Vulpiella	(Batt. & Trab.) Burollet	2		Poo
Walwhalleya	Wills & J.J. Bruhl	–	=*Homopholis*	Pan
Wangenheimia	Moench	–	=*Festuca*	Poo
Whiteochloa	C.E. Hubb.	6		Pan
Widjajachloa	K.M. Wong & S. Dransf.	1		Bam
Willbleibia	Herter	–	=*Willkommia*	Chl
Willkommia	Hack.	4		Chl
Xanthochloa	(Krivot.) Tzvelev	2		Poo
Xerochloa	R. Br.	3		Pan
Yadakeya	Makino	–	=*Pseudosasa*	Bam
Yakirra	Lazarides & R.D. Webster	–	=*Panicum*	Pan
Yersinochloa	H.N. Nguyen & V.T. Tran	1		Bam
Ystia	Compère	–	=*Schizachyrium*	PanA
Yushania	Keng f.	86		Bam
Yvesia	A. Camus	1		Pan
Zaqiqah	P.M. Peterson & Romasch.	1		Chl
Zea	L.	7		PanA
Zenkeria	Trin.	5		Mic

Appendix II Continued

Genera	Authors	No. spp.	Accepted name	Subfam.
Zeugites	P. Browne	12		Pan
Zingeria	P.A. Smirn.	–	=*Colpodium*	Poo
Zizania	L.	4		Ory
Zizaniopsis	Döll & Asch.	6		Ory
Zonotriche	(C.E. Hubb.) J.B. Phipps	3		Pan
Zotovia	Edgar & Connor	3		Ory
Zoysia	Willd.	11		Chl
Zuloagaea	Bess	1		Pan
Zygochloa	S.T. Blake	1		Pan

Accepted genera are in ***bold italic***, synonyms are in regular type and include accepted name. Subfamilies are abbreviated: Ano = Anomochlooideae, Ari = Aristidoideae, Aru = Arundinoideae, Bam = Bambusoideae, Chl = Chloridoideae, Dan = Danthonioideae, Mic = Micraroideae, Ory = Oryzoideae, Pan = Panicoideae (PanA = Andropogoneae), Pha = Pharoideae, Poo = Pooideae, Pue = Puelioideae.