

FABIAN A. MICHELANGELI, JERROLD I. DAVIS, AND DENNIS WM. STEVENSON. 2003.
Phylogenetic relationships among Poaceae and related families as inferred from morphology, inversions in the plastid genome, and sequence data from the mitochondrial and plastid genomes. *American Journal of Botany* 90(1): 93-106.

Appendix 1. Taxa sampled for DNA sequences (for phylogenetic analysis) and for survey for the occurrence of three inversions in the plastid genome. Collection and voucher information includes species name and authority; source of cultivated plant material if from a curated living collection, with accession number of living material if known (Kew = Royal Botanic Garden Kew; Copenhagen = Copenhagen Botanical Garden; Fairchild = Fairchild Tropical Garden; B.H. Conserv. = Bailey Hortorium Conservatory; NYBG = New York Botanical Garden); and (as available, when there is a voucher collection), name of collector, collection number, and acronym of herbarium in which the voucher is deposited. GenBank numbers preceded by plus signs denote sequences generated from DNA accessions described in column 1; sequences obtained from GenBank are accompanied by the taxon name listed there, but no taxonomic authority; unpublished sequences provided by other investigators are accompanied by collection and voucher information and by the name of the person who provided the sequences; ‡ = taxon used in inversion survey only, no sequence.

Family	Species and accession information	<i>atpA</i>	<i>rbcL</i>
Areaceae			
	<i>Bismarckia nobilis</i> Hildebrandt & H. Wendl.; Fairchild 80-108; BH	‡	‡
Dasypogonaceae			
	<i>Baxteria australis</i> R. Br. ex Hook.; J. Conran et al. 906; PERTH, ADU	+AY124504	+AY123230
	<i>Calectasia cyanea</i> R. Br.; J. Conran et al. 928; PERTH, ADU	+AY124505	+AY123231
	<i>Dasypogon hookeri</i> J. R. Drumm.; J. Conran et al. 917; PERTH, ADU	+AY124503	+AY123229

	<i>Kingia australis</i> R. Br.; J. Conran et al. 922; PERTH, ADU	+AY124506	+AY123232
Hydatellaceae			
	<i>Trithuria submersa</i> Hook. f.; A. Doust 1123; MELU	no sequence	+AF458076
Typhaceae			
	<i>Typha latifolia</i> L.; N. Uhl 92-04; BH	+AY124510	<i>Typha latifolia</i> ; M91634
Sparganiaceae			
	<i>Sparganium eurycarpum</i> Engelm.; K. Hansen s.n., June 1993; BH	+AY124509	<i>Sparganium americanum</i> ; M91633
Bromeliaceae			
	<i>Brocchinia reducta</i> Baker; F. Michelangeli 525; VEN	‡	‡
	<i>Catopsis nutans</i> (Sw.) Griseb.; B.H. Conserv. 72-783; BH	+AF039257	<i>Catopsis montana</i> ; L19976
	<i>Puya berteroniana</i> Mez; NYBG 30/77A; NY	+AY124508	<i>Puya dyckiioides</i> ; L19973
	<i>Tillandsia usneoides</i> (L.) L.; B.H. Conserv.	+AY124507	<i>Tillandsia elizabethae</i> ; L19971
Xyridaceae			
	<i>Abolboda macrostachya</i> Spruce ex Malme var. <i>macrostachya</i> ; B. Maguire 36287; NY	+AY124533	+AY123240

Xyris bicephala Gleason; F. +AY124536 +AY123243
 Michelangeli 524; VEN

Orectanthe sceptrum (Oliv. +AY124534 +AY123241
 ex Thurn) Maguire; B.
 Maguire 33680; NY

Rapateaceae

Cephalostemon flavus ‡ ‡
 (Link.) Steyerm.; B. Maguire
 29321; NY

Kunhardtia radiata Maguire ‡ ‡
 & Steyerm.; B. Maguire
 31834; NY

Rapatea xiphoides Sandwith; +AY124511 +AF460969
 C. Kelloff 975; BH

Schoenocephalium +AY124512 +AF460970
cucullatum Maguire; B.
 Maguire 37631; NY

Stegolepis parvipetala +AY124535 +AY123242
 Steyerm.; F. Michelangeli
 513; VEN

Mayacaceae

Mayaca sellowiana Kunth; J. +AY124522 *Mayaca fluviatilis*;
 Steyermark 58451; NY AJ419948

Eriocaulaceae

	<i>Eriocaulon humboldtii</i> Kunth; F. Michelangeli 542; VEN	+AY124517	+AY123236
	<i>Tonina fluviatilis</i> Aubl.; D. Stevenson 1067; NY	+AY124518	+AY123237
Thurniaceae	<i>Thurnia polycephala</i> Schnee; B. Maguire 35629; NY	+AY124532	+AY123239
Prioniaceae	<i>Prionium serratum</i> (L. f.) Drège ex E. Mey.; Copenhagen; O. Seberg s.n.; C	+AY124527	<i>Prionium</i> <i>serratum</i> ; U49223
Juncaceae	<i>Juncus</i> L.; <i>Juncus</i> sp., K. Hansen s.n.; BH	+AY124520	<i>Juncus effusus</i> ; L12681
	<i>Luzula acuminata</i> Raf.; F. Michelangeli 543; BH	+AY124521	<i>Luzula multiflora</i> ; AJ419945
Cyperaceae	<i>Carex interior</i> L.H. Bailey; K. Hansen 93-06; BH	+AY124514	<i>Carex</i> <i>monostachya</i> ; Y12998
	<i>Cyperus papyrus</i> L.; B.H. Conserv.; J. Davis s.n.; BH	‡	‡
	.aff <i>Cladium</i> sp.; Kew 1983- 2071	+AY124515	+AY123234
Flagellariaceae			

	<i>Flagellaria indica</i> L.; B.H. Conserv. 77-394; K. Hansen s.n., May 1994; BH	+AF039248	<i>Flagellaria indica</i> ; L12678
Anarthriaceae			
	<i>Anarthria prolifera</i> R. Brown; J. Conran et al. 902; PERTH, ADU	+AY124513	<i>Anarthria polyphylla</i> ; AF148760
Centrolepidaceae			
	<i>Aphelia cyperoides</i> R. Br.; J. Conran et al. 908; PERTH, ADU	no sequence	+AY123233
Restionaceae			
	<i>Baloskion tetraphyllum</i> (Labill.) B.G. Briggs & L.A.S. Johnson; Kew 1977- 6565; J. Davis s.n., M. Chase 560; K	+AY124529	<i>Baloskion tetraphyllum</i> ; AF148761
	<i>Askidiosperma andreaeum</i> ‡ (Pillans) H.P. Linder; Kew 1984-4480	‡	‡
	<i>Elegia fenestrata</i> Pillans; NYBG 1697/95; NY	+AY124530	+AY123238
	<i>Leptocarpus tenax</i> (Labill.) R. Br.; M. Crisp 8399; CANB	no sequence	<i>Leptocarpus tenax</i> ; AF148781
	<i>Lepyrodia scariosa</i> R. Br.; M. Crisp 8400; CANB	+AY124528	<i>Lepyrodia glauca</i> ; AF148785

	<i>Rhodocoma gigantea</i> (Kunth) H. Linder; Kew 1984-4482	‡	‡
	<i>Thamnochortus cinereus</i> H.P. Linder; NYBG 227/86A; NY	+AY124531	<i>Thamnochortus</i> <i>cinereus</i> H. Linder; Linder et al. 7281; Z; sequence provided by H.P. Linder
Ecdeiocoleaceae			
	<i>Ecdeiocolea monostachya</i> F. Muell.; J. Conran et al. 943; PERTH, ADU	+AY124516	+AY123235
	<i>Ecdeiocolea</i> aff. <i>monostachya</i> F. Muell.; J. Conran et al. 938; PERTH, ADU	‡	‡
	<i>Ecdeiocolea monostachya</i> F. Muell.; Spjut and Edson 7096; US	‡	‡
Joinvilleaceae			
	<i>Joinvillea ascendens</i> Gaudich. ex Brongn. & Gris; A. Bruneau s.n., August 1992; BH	+AY124519	<i>Joinvillea plicata</i> ; L01471
Poaceae			
	<i>Anomochloa marantoidea</i> Brongn.; B.H. Conserv.; K. Hansen & J. Davis s.n.; BH	+AY124526	<i>Anomochloa</i> <i>marantoidea</i> ; AF021875

<i>Bambusa multiplex</i> (Lour.) Raeusch. ex Schult. & Schult. f.; B.H. Conserv. 71- 470; R. Soreng s.n.; BH	+AY124525	<i>Bambusa multiplex</i> ; M91626
<i>Oryza sativa</i> L.; K. Hansen s.n., September 1992; BH	<i>Oryza sativa</i> ; X51422	<i>Oryza sativa</i> ; D00207
<i>Pharus latifolius</i> L.; B.H. Conserv.; K. Hansen s.n., 29 July 92; BH	+AY124524	<i>Pharus latifolius</i> L.; L. Clark 1302; ISC; sequence provided by M. Duvall
<i>Streptochaeta angustifolia</i> Soderstr.; B.H. Conserv.; J. Davis s.n.; BH	+AY124523	<i>Streptochaeta spicata</i> ; AJ419949
