

DAVID A. SIMPSON, CAROL A. FURNESS, TREVOR R. HODKINSON, A. MUTHAMA MUASYA, AND MARK W. CHASE. 2003. Phylogenetic relationships in Cyperaceae subfamily Mapanioideae inferred from pollen and plastid DNA sequence data. *American Journal of Botany* 90(7): 1071-1086.

Table 1. Taxa analyzed; tribal classification of Cyperaceae according to Goetghebeur (1998).

Taxon	Voucher and herbarium acronym	Genbank accession <i>trnL-F</i>	Genbank accession <i>rps16</i>	Pollen sampled
Hypolytreae				
<i>Capitularina involucrata</i> (Valck. Sur.) Johns 8725 (K) Kern		AY344168	AY344146	-
	<i>Utteridge 296</i> (K)	-	-	Yes
<i>Diplasia karataefolia</i> Rich.	<i>Hodkinson s.n.</i> (TCD)	AY344166	-	Yes
<i>Exocarya sclerioides</i> (F.Muell) Benth.	<i>Bruhl 850</i> (UNE)	-	-	Yes (FPA)
	<i>Lye AU10</i> (K)	AY344167	AY344145	-
<i>Hypolytrum nemorum</i> (Vahl) Spreng.	<i>Simpson 2662</i> (K)	AJ577325	AY344142	-
<i>Hypolytrum testui</i> Cherm.	<i>Apemu 163</i> (K)	AY344163	AY344141	-
<i>Mapania cuspidata</i> (Miq.) Uittien	<i>Marsh 4</i> (K)	AJ577329	AY344138	-
<i>Mapania lorea</i> C.B. Clarke	<i>Simpson 2663</i> (K)	AY344161	AY344139	-
<i>Mapania meditensis</i> D.A. Simpson	<i>Simpson 2515</i> (K)	AY344160	AY344137	-
<i>Mapania tenuiscapa</i> C.B. Clarke	<i>Simpson 2661</i> (K)	AY344162	AY344140	Yes
<i>Scirpodendron bogneri</i> S.S. Hooper	<i>Simpson 2560</i> (K)	AY344164	AY344143	-
<i>Scirpodendron ghaeri</i> (Gaertn.) Merr.	<i>Lye AU34</i> (K)	AY344165	AY344144	-
Chrysitricheae				
<i>Chorizandra cymbaria</i> R. Br.	<i>Wilson KLW9738</i> (NSW)	-	-	Yes
<i>Chorizandra sphaerocephala</i> R.Br.	<i>Bruhl 1857</i> (UNE)	-	-	Yes (FPA)
	<i>Wilson KLW9895</i> (NSW)	AY344170	AY344147	Yes
<i>Chrysitrix capensis</i> L.	<i>Muasya SA103</i> (K)	AY344171	AY344148	Yes
<i>Hellmuthia membranacea</i> (Thunb.) R.W. Haines & Lye	<i>Muasya s.n.</i> (K)	AJ295817	-	Yes
<i>Lepironia articulata</i> (Retz.) Domin	<i>Simpson 1236</i> (K)	AY344169	-	-

Schoeneae

<i>Cladium mariscus</i> (L.) Pohl	<i>Simpson 2669</i> (TCD)	AY344172	AY344149	-
<i>Schoenus nigricans</i> L.	<i>Simpson 2670</i> (TCD)	AY344173	AY344150	-

Rhynchosporeae

<i>Rhynchospora alba</i> (L.) Vahl	<i>Simpson 2671</i> (TCD)	AY344174	AY344151	-
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Cariceae

<i>Carex sylvatica</i> Huds.	<i>Simpson 2667</i> (TCD)	AY344175	AY344152	-
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Dulichieae

<i>Dulichium arundinaceum</i>	<i>Williams 1441</i> (RSA)	AF285067	-	-
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Scirpeae

<i>Eriophorum angustifolium</i> Honck.	<i>Simpson 2672</i> (TCD)	AY344177	AY344154	-
<i>Eriophorum vaginatum</i> L.	<i>Beyer et al. 2</i> (K)	AJ295769	AF449553	-
<i>Schoenoplectus lacustris</i> (L.) Palla	<i>Muasya 1043</i> (K)	AJ295809	AF449554	-
<i>Scirpoides holoschoenus</i> (L.) Soják	<i>Parnell s.n.</i> (TCD)	AY344176	AY344153	-
<i>Scirpoides thunbergii</i> (Schrاد.) Soják	<i>Muasya 1205</i> (K)	AJ295812	AF449551	-

Cypereae

<i>Cyperus involucratus</i> L.	<i>Kew Acc. 6136603</i>	AJ295758	AF449520	-
<i>Cyperus papyrus</i> L.	<i>Hepper 4213</i> (K)	AF295759	AF449531	-
<i>Ficinia gracilis</i> Schrad.	<i>Grimshaw 93939</i> (K)	AJ295770	AF449537	-
<i>Kyllinga appendiculata</i> K. Schum.	<i>Muasya 1050</i> (EA, K)	AJ295761	AF449542	-
<i>Kyllinga bulbosa</i> P. Beauv.	<i>Muasya 1020</i> (EA, K)	AY040601	AF449544	-

Juncaceae

<i>Juncus effusus</i> L.	<i>Simpson 2665</i> (TCD)	AY344156	AY344133	-
<i>Juncus gerardii</i> Loisel.	<i>Simpson 2668</i> (TCD)	AY344157	AY344134	-
<i>Luzula multiflora</i> (Ehrh.) Lej.	<i>Simpson 2667</i> (TCD)	AY344158	AY344135	-
<i>Luzula sylvatica</i> (Hudson) Gaudin	<i>Simpson 2666</i> (TCD)	AY344159	AY344136	-

Thurniaceae

<i>Prionium serratum</i> J.F. Drege	<i>Muasya s.n.</i> (K)	AY344155	AY344132	-
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