

FERNANDO RIVADAVIA, KATSUHIKO KONDO, MASAHIRO KATO AND MITSUYASU HASEBE. 2003. Phylogeny of the sundews, *Drosera* (Droseraceae) based on chloroplast *rbcL* and nuclear 18S ribosomal DNA Sequences. *American Journal of Botany* 90(1): 123-130.

TABLE 1. LIST OF TAXA USED IN THIS STUDY ARRANGED BASED ON THE CLASSIFICATION OF SEINE AND BARTHLOTT (1994) .

Taxon		Species range <sup>a</sup>	Voucher	Accession no. of <i>rbcL</i>	Accession no. of 18S rDNA	Chromosome number
Genus <i>Aldrovanda</i>	<i>Aldrovanda vesiculosa</i> L.	Au, Af, Eu, Eas	F.Rivadavia-Lopes 674 (SPF)	AB072550	AB072557	
Genus <i>Dionaea</i>	<i>Dionaea muscipula</i> Ellis ex L.	NAm	Williams et al. (1994) for <i>rbcL</i> ; F.Rivadavia-Lopes 750 (SPF) for 18S rDNA	L01904	AB072558	Smith, 1929; Behre, 1929
Genus <i>Drosera</i> Subgen. <i>Drosera</i> Sect. <i>Bryastrum</i>	<i>Drosera pygmaea</i> DC.	Au, NZ	Kondo3262-4 (LPCGS)	AB072505	AB072561	Heitz, 1926; Behre, 1929; Kondo et al., 1976 not reported
	<i>Drosera occidentalis</i> var. <i>microscapa</i> (Debbert) Schlauer	Au	Kondo 3247-2mi (LPCGS)	AB072506		not reported
	<i>Drosera ericksoniae</i> N.Marchant	Au	Kondo 3214-1 (LPCGS)	AB072507		not reported
	<i>Drosera dichrosepala</i> Turcz.	Au		L01910		Kondo et al., 1976; Sheikh and Kondo, 1995 not reported
	<i>Drosera scorpioides</i> Planch.	Au	Kondo 3266-1bo (LPCGS)	AB072509		
Sect. <i>Coelophylla</i>	<i>Drosera glanduligera</i> Lehm.	Au	A.Lowrie 1575 (PERTH)	AB072511	AB072560	Kondo and Olivier, 1979
Sect. <i>Drosera</i>	<i>Drosera arcturi</i> Hook.	NZ	M.Edwards 1 (TI)	AB072512	AB072565	Kondo and Whitehead, 1971
	<i>Drosera adelae</i> F.Muell. "red flower"	Au	F.Rivadavia-Lopes 703 (TI)	AB072513		Kondo, 1976; Kondo and Olivier, 1979 not reported
	<i>Drosera adelae</i> F.Muell. "pink flower"	Au	F.Rivadavia-Lopes 704 (TI)	AB072514		not reported
	<i>Drosera alba</i> Phill.	Af	F.Rivadavia-Lopes & E.Green 711 (TI)	AB072515		not reported
	<i>Drosera aliciae</i> R.Hamet	Af	F.Rivadavia-Lopes & E.Green 677 (SPF)	AB072516		Bennett and Cheek, 1990;

<i>Drosera anglica</i> Huds.	Eu, Ru, EAs, NAm, HW	M. Kato H-88 (TI)	AB072517	AB072563	Hoshi and Kondo, 1998b
<i>Drosera biflora</i> Willd. ex Roem. & Schult	SAm	F.Rivadavia-Lopes & G.Hoogenstrijd 786 (TI)	AB072518		Hoshi and Kondo, 1998a not reported
<i>Drosera brevifolia</i> Pursh	NAm, SAm	Kondo 3193-2ha (LPCGS)	AB072519		Hoshi and Kondo, 1998a
<i>Drosera burkeana</i> Planch.	Af	F.Rivadavia-Lopes & M.Cappaert 734 (TI)	AB072520		Kondo, 1969
<i>Drosera capensis</i> L.	Af	Williams et al. (1994)	L01909		Hoshi and Kondo, 1998b
<i>Drosera capillaris</i> Poir.	NAm, SAm	F.Rivadavia-Lopes et al. 514 (SPF)	AB072521		Hoshi and Kondo, 1998a not reported
<i>Drosera chrysolepis</i> Taub.	SAm	F.Rivadavia-Lopes W.Ganev 489 (TI)	AB072522		
<i>Drosera collinsiae</i> Brown ex Burt Davy	Af	F.Rivadavia-Lopes et al. 744 (TI)	AB072524		Hoshi and Kondo, 1998b
<i>Drosera cuneifolia</i> L.f.	Af	F.Rivadavia-Lopes & E.Green 679 (TI)	AB072525		Debbert, 1988
<i>Drosera esmeraldae</i> Maguire & Wurdack	SAm	Kondo 3216 (LPCGS)	AB072526		not reported
<i>Drosera felix</i> Steyerm. & L.B.Smith	SAm	R.Rivadavia-Lopes & G.Hoogenstrijd 799 (SPF)	AB072527		not reported
<i>Drosera filiformis</i> Raf.	NAm	Williams et al. (1994)	L01911		Hoshi and Kondo, 1998b
<i>Drosera graminifolia</i> St.Hil.	SAm	F.Rivadavia-Lopes 151 (SPF)	AB072528		not reported
<i>Drosera graomogolensis</i> T.Silva	SAm	F.Rivadavia-Lopes 297 (SPF)	AB072529		not reported
<i>Drosera hamiltonii</i> C.R.P.Andrews	Au	A.Lowrie 1657A (PERTH)	AB072921		Hoshi and Kondo, 1998b
<i>Drosera hilaris</i> Cham. & Schlechtd	Af	F.Rivadavia-Lopes & E.Green 682 (SPF)	AB072530		not reported
<i>Drosera hirtella</i> St.Hil.	SAm	F.Rivadavia-Lopes 672 (SPF)	AB072531		not reported
<i>Drosera indica</i> L.	Au, Af, IN, SEAs, EAs	Williams et al. (1994)	L19529		Hoshi and Kondo, 1998b

	<i>Drosera kaieteurensis</i> Brumm.-Ding.	SAm	F.Rivadavia-Lopes & G.Hoogenstrijd 809 (TI)	AB072532		not reported
	<i>Drosera madagascariensis</i> DC.	Af	F.Rivadavia-Lopes & M.Cappaert 737 (SPF)	AB072533		Hoshi and Kondo, 1998b
	<i>Drosera montana</i> St.Hil.	SAm	F.Rivadavia-Lopes 543 (SPF)	AB072534		Hoshi and Kondo, 1998b
	<i>Drosera montana</i> var. <i>schwackei</i> Diels	SAm	F.Rivadavia-Lopes & F.Pinheiro 566 (SPF)	AB072535		not reported
	<i>Drosera montana</i> var. <i>tomentosa</i> Diels	SAm	F.Rivadavia-Lopes 449 (SPF)	AB072536	AB072562	not reported
	<i>Drosera natalensis</i> Diels	Af	F.Rivadavia-Lopes 729 (SPF)	AB072537		Debbert, 1988
	<i>Drosera neocaledonica</i> R.Hamet	NC	L.Legendre 1 (SPF)	AB072544		Kondo, 1976
	<i>Drosera rotundifolia</i> L.	Eu, Ru, EAs, NAm	F.Rivadavia-Lopes & C.Shibata 752 (TI)	AB072538		Hoshi and Kondo, 1998b
	<i>Drosera stenopetala</i> Hook.f.	NZ	M.Edwards 5 (TI)	AB072539		not reported
	<i>Drosera uniflora</i> Willd.	SAm	Ueda et al. 1048 (KANA)	AB072540		not reported
	<i>Drosera villosa</i> St.Hil.	SAm	F.Rivadavia-Lopes & L.R.Padovese 507 (SPF)	AB072541		Hoshi and Kondo, 1998b
	<i>Drosera villosa</i> var. <i>ascendens</i> Hort.Weiner	SAm	F.Rivadavia-Lopes & F.Pinheiro 584 (SPF)	AB072542		not reported
Sect. Lasiocephala	<i>Drosera caduca</i> Lowrie	Au	A.Lowrie 1528 (PERTH)	AB072510		not reported
	<i>Drosera petiolaris</i> R.Br. ex DC.	Au	Williams et al. (1994)	L01913		Hoshi and Kondo, 1998b
Sect. Phycopsis	<i>Drosera binata</i> Labill.	Au, NZ	Williams et al. (1994)	L01906		Kondo, 1969; Hoshi and Kondo, 1998b
	<i>Drosera binata</i> var. <i>dichotoma</i> Mazrimas	Au, NZ	F.Rivadavia-Lopes 699 (TI)	AB072922		not reported
Sect. Ptycnostigma	<i>Drosera cistiflora</i> L.	Af	F.Rivadavia-Lopes & E.Green 685 (TI)	AB072523		Kondo and Olivier, 1979; Hoshi and Kondo, 1998b
	<i>Drosera pauciflora</i> Banks ex	Af	F.Rivadavia-Lopes &	AB072552		Hoshi and

	DC. <i>Drosera trinervia</i> Spreng. "A"	Af	E.Green 688 (TI) Kondo 3278-1ca (LPCGS)	AB072548		Kondo, 1998b Hoshi and Kondo, 1998b not reported
	<i>Drosera trinervia</i> Spreng. "B"	Af	F.Rivadavia-Lopes 718 (TI)	AB072553		
Sect. Thelocalyx	<i>Drosera burmannii</i> Vahl	Au, IN, SEAs, EAs	Williams et al. (1994)	L01908		Hoshi and Kondo, 1998b
	<i>Drosera sessilifolia</i> St.Hil.	SAm	M.R.F.Cardoso15/II/92 (SPF)	AB072551	AB072564	Hoshi and Kondo, 1998b
Subgen. Ergaleium						
Sect. Ergaleium	<i>Drosera macrantha</i> subsp. <i>planchonii</i> N.G.Marchant	Au	Kondo 3282 (LPCGS)	AB072549		Kondo and Lavarack, 1984
	<i>Drosera gigantea</i> Lindl.	Au	Williams et al. (1994)	L19528		Kondo, 1976; Chen et al., 1997
	<i>Drosera peltata</i> Thumb.	Au, NZ, IN, SEAs, EAs	Williams et al. (1994)	L01912		Hoshi and Kondo, 1998b
Sect. Stoloniferae	<i>Drosera stolonifera</i> Endl.	Au	Williams et al. (1994)	L19531		Chen et al., 1997
	<i>Drosera platypoda</i> Turcz.	Au	A.Lowrie 1576 (PERTH)	AB072547	AB072559	not reported
Sect. Erythrorhizae	<i>Drosera prostratoscaposa</i> Lowrie & Carlquist	Au	A.Lowrie 581 (PERTH)	AB072554		not reported
	<i>Drosera rosulata</i> Lehm.	Au	Wilson 21A1999 (TI)	AB072555		Chen et al., 1997
Subgen. Regiae	<i>Drosera regia</i> Stephens	Af	Williams et al. (1994) for <i>rbcL</i> R.Gibson 1A (SPF) for 18S rDNA	L01914	AB072566	Behre, 1929
Drosophyllaceae						
Genus <i>Drosophyllum</i>	<i>Drosophyllum lusitanicum</i> Link		Williams et al. (1994) for <i>rbcL</i> F.Rivadavia-Lopes 749 (SPF) for 18S rDNA	L01907	AB072556	
Ancistrocladaceae	<i>Ancistrocladus korupensis</i> D.W.Thomas & Gereau			Z97636		
Frankeniaceae	<i>Frankenia pulverulenta</i> L.			Z97638		
Nepenthaceae	<i>Nepenthes alata</i> Blanco <i>Nepenthes</i> sp.			L01936	NSU42787	
Plumbaginaceae	<i>Armeria splendens</i> Boiss <i>Limoniastrum monopetalum</i> Boiss. <i>Limonium vulgare</i> Hill <i>Plumbago auriculata</i> Blume			Y16908 Z97642 Y16904 Y16905		

	<i>Psylliostachys suvorovii</i> (Regel) Roshk.	Y16907	
Polygonaceae	<i>Fagopyrum tataricum</i> Gaertn.	D86287	
	<i>Persicaria hydropiper</i> (L.) Spach	AB008781	
	<i>Polygonum cuspidatum</i> Siebold & Zucc.	AB019030	
	<i>Rumex acetosella</i> L.	D86290	
Simmondsiaceae	<i>Triplaris americana</i> Beauverd	Y16910	
	<i>Simmondsia chinensis</i> Schneider	AF093732	AF094562
Tamaricaceae	<i>Tamarix pentandra</i> Hempe ex Bunge	Z97650	

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<sup>a</sup>Distribution of taxa indicated with the following abbreviations: Af = Africa, Au = Australia, EAs = East Asia, Eu = Europe, HW = Hawaii, IN = India, NAm = North America, NZ = New Zealand, Ru = Russia, SAm = South America, SEAs = South East Asia.