

SYLVAIN G. RAZAFIMANDIMBISON AND BIRGITTA BREMER. 2002. Phylogeny and classification of Naucleaeae s. l. (Rubiaceae) inferred from molecular (ITS, *rbcL*, and *trnT-F*) and morphological data. *American Journal of Botany* 89(7): 1027-1041.

Sequenced species. For newly sequenced species, voucher information and herbaria where they are deposited are given. Voucher information and references for the taxa published earlier are provided.

Taxa	Voucher information	ITS accession	<i>rbcL</i> accession	<i>trnT-F</i> accession
<i>Adina pilulifera</i> (Lam.) Franchet ex Drake	Gre 1172, China (NY)	GBAN <sup>a</sup> -AJ346885	GBAN-AJ346964	GBAN-AJ414548
<i>Adina rubella</i> (Lam.) Hance	897687, Cult. Missouri Bot. Gard., USA (MO)	GBAN-AJ346856	GBAN-AJ346965	GBAN-AJ346910
<i>Adinauclea fagifolia</i> (Tesm. & Bin. ex Havil.) Ridsdale	No voucher, Cult. Bogor Bot. Gard., Indonesia	GBAN-AJ346901	GBAN-AJ346966	GBAN-AJ346911
<i>Breonia salicina</i> (Vahl.) Hepper & Wood	Bremer 3084, South Africa (UPS)	GBAN-AJ346857	GBAN-AJ346967	GBAN-AJ346912
<i>Breonia chinensis</i> (Lam.) Capuron	Ratsimbazafy 09, Madagascar (TAN)	GBAN-AJ346858	GBAN-AJ346968	GBAN-AJ346913
<i>Breonia havilandiana</i> Homolle	Razafimandimbison 358, Madagascar (MO, P, TAN)	GBAN-AJ346860	GBAN-AJ346970	GBAN-AJ346915
<i>Breonia macrocarpa</i> Homolle	Razafimandimbison 352, Madagascar (MO, P, TAN)	GBAN-AJ346861	GBAN-AJ346971	GBAN-AJ346916
<i>Breonia perrieri</i> Homolle	Razafimandimbison 272, Madagascar (MO, P, TAN)	GBAN-AJ346862	GBAN-AJ346972	GBAN-AJ346917
<i>Burttavia nyassica</i> Hoyle	Razafimandimbison 292, Tanzania (MO, P, TAN)	GBAN-AJ346863	GBAN-AJ346973	GBAN-AJ346918
<i>Cephalanthus glabratus</i> (Spreng.) K. Schum.	Zardini & Benitez 47646, Paraguay (AS, MO)	GBAN-AJ414549	GBAN-AJ346974	GBAN-AJ346919
<i>Cephalanthus natalensis</i> Oliv.	Bremer & Bremer 3768 (UPS); Bremer et al. (1999)	GBAN-AJ346906	GBAN-Y18711 <sup>b</sup>	GBAN-AJ414549
<i>Cephalanthus occidentalis</i> L.	Forbes s.n. (S); Bremer & Jansen (1991)	GBAN-AJ346883	GBAN-X83629 <sup>c</sup>	GBAN-AJ346955
<i>Cephalanthus salicifolius</i> Humb. & Bonpl.	Brant 3982, USA (MO)	GBAN-AJ346886	GBAN-AJ346975	GBAN-AJ346909
<i>Cinchona pubescens</i> Vahl. (= <i>C. succirubra</i> Klotzsch)	Bremer 2733 (UPS) (= s.n. in Bremer & Jansen, 1991)	GBAN-AJ224838 <sup>d</sup>	GBAN-X83630 <sup>c</sup>	GBAN-AJ346963
<i>Corynanthe paniculata</i> Welw.	Mukwemuvi 34, Democratic Republic of the Congo (BR)	GBAN-AJ346887	GBAN-AJ346978	GBAN-AJ346923

<i>Exostema lineatum</i> (Vahl.) Roemer & Schultes	McDowell M4353 D, S Hispaniola (UPS)	GBAN-AJ346902	GBAN-AJ347011	GBAN-AJ346924
<i>Gyrostipula comoriensis</i> J.-F. Leroy	Randrianarivelo 15, Comore Islands (TAN)	GBAN-AJ346866	GBAN-AJ346979	GBAN-AJ345925
<i>Gyrostipula foveolata</i> (Capuron) J.-F. Leroy	Razafimandimbison 271, Madagascar (MO, P, TAN)	GBAN-AJ346867	GBAN-AJ346980	GBAN-AJ346926
<i>Haldina cordifolia</i> (Roxb.) Ridsdale	Gillis 11114, Cult. Fairchild Tropical Gard.; Bremer & Jansen (1991)	GBAN-AJ346884	GBAN-X83639°	GBAN-AJ346956
<i>Hallea rubrostipulata</i> (K. Schum.) J.-F. Leroy	Robbrecht s.n. (BR, UPS); Bremer, Andreasen, & Olsson (1995)	GBAN-AJ346895	GBAN-X83640°	GBAN-AJ346957
<i>Hallea stipulosa</i> (DC.) J.-F. Leroy	Razafimandimbison 295, Gabon (LBR, MO, P, TAN)	GBAN-AJ346868	GBAN-AJ346981	GBAN-AJ346927
<i>Janotia macrostipula</i> (Capuron) J.-F. Leroy	Razafimandimbison 336, Madagascar (MO, P, TAN)	GBAN-AJ346869	GBAN-AJ346982	GBAN-AJ346928
<i>Luculia grandifolia</i> Ghose	Bremer 2713 (S); Bremer & Jansen (1991)	GBAN-AJ346896	GBAN-X83648°	GBAN-AJ346929
<i>Ludekia borneensis</i> Ridsdale	No voucher, Cult. Bogor Bot. Gard. Indonesia	GBAN-AJ346870	GBAN-AJ346983	GBAN-AJ346962
<i>Metadina trichotoma</i> (Zoll. & Mor.) Bakh.	No voucher, Cult. Bogor Bot. Gard. Indonesia	GBAN-AJ346871	GBAN-AJ346984	GBAN-AJ346930
<i>Mitragyna diversifolia</i> (Wall. ex G. Don) Havil.	Puff 990725-1/1, Vietnam (WU)	GBAN-AJ346872	GBAN-AJ346985	GBAN-AJ346931
<i>Mitragyna inermis</i> (Wild.) O. Kuntze	Lorence 8376, Cult. Nat. Trop. Bot. Gard., Hawaii (PTBG)	GBAN-AJ346873	GBAN-AJ346986	GBAN-AJ346932
<i>Mitragyna rotundifolia</i> (Roxb.) O. Kuntze	Puff 990911-2/1, Thailand (WU)	GBAN-AJ346874	GBAN-AJ346987	GBAN-AJ346933
<i>Myrmeconauclea strigosa</i> (Korth.) Merr.	Malcomber 2982, Brunei (MO)	GBAN-AJ346875	GBAN-AJ346989	GBAN-AJ346934
<i>Nauclea diderrichii</i> De Wild. & Th. Dur.	Razafimandimbison 297, Gabon (LBR, MO, P, TAN)	GBAN-AJ346855	GBAN-AJ346994	GBAN-AJ346935
<i>Nauclea orientalis</i> (L.) L.	Bremer 3001 (UPS); Bremer, Andreasen, & Olsson (1995)	GBAN-AJ346897	GBAN-X83653°	GBAN-AJ346958
<i>Nauclea subdita</i> (Korth.) Steud.	No voucher, Cult. Bogor Bot. Gard., Indonesia	GBAN-AJ346876	GBAN-AJ346996	GBAN-AJ346936
<i>Nauclea xanthoxylon</i> (Chev.) Merr.	Lorence 8829 (PTBG), Cult. Nat. Trop. Bot. Gard., Hawaii	GBAN-AJ346877	GBAN-AJ346995	GBAN-AJ346937
<i>Neobreonia decaryana</i> Homolle	Razafimandimbison 359, Madagascar (MO, P, TAN)	GBAN-AJ346859	GBAN-AJ346969	GBAN-AJ346914
<i>Neolamarckia cadamba</i> (Roxb.) Bosser	Lorence 7608 (PTBG), Cult. Nat. Trop. Bot. Gard., Hawaii	GBAN-AJ346878	GBAN-AJ346990	GBAN-AJ346938

<i>Neonauclea brassii</i> S. Moore	Vogel 2212, New Guinea (UPS)	GBAN-AJ346879	GBAN-AJ346991	GBAN-AJ346939
<i>Neonauclea clemensii</i> Merr. & Perry	Drozd. & Molem s.n., Indonesia (L)	GBAN-AJ346898	GBAN-AJ318450	GBAN-AJ346940
<i>Neonauclea forsteri</i> (Seem. Ex. Havil.) Merr.	Lorence 8668 (PTBG), Samoa	GBAN-AJ346880	GBAN-AJ346992	GBAN-AJ346941
<i>Neonauclea longipedunculata</i> Merr.	Ridsdale 2468, Indonesia (L)	GBAN-AJ346881	GBAN-AJ346993	GBAN-AJ346942
<i>Ochreinauclea maingayi</i> (Hook.) Ridsdale	Puff 960424-172, Sabah (WU)	GBAN-AJ346882	GBAN-AJ346997	GBAN-AJ346943
<i>Pausinystalia johimbe</i> (K. Schum.) Pierre ex Dupouy & Beille	No voucher, Cult. Bogor Bot. Gard., Indonesia	GBAN-AJ346888	GBAN-AJ346998	GBAN-AJ346944
<i>Pausinystalia lanei-poolei</i> (Hutch.) Hutch. ex Lane-Poole subsp. <i>ituriensis</i> (De Wild.) Stoffelen & Robbrecht	Hart 1350, Democratic Republic of the Congo (BR)	GBAN-AJ346889	GBAN-AJ346999	GBAN-AJ346946
<i>Pausinystalia macroceras</i> (K. Schum.) Pierre	Hart 573, Democratic Republic of the Congo (BR)	GBAN-AJ346890	GBAN-AJ347000	GBAN-AJ346944
<i>Pertusadina eurhyncha</i> (Miq.) Ridsdale	No voucher, Cult. Bogor Bot. Gard., Indonesia	GBAN-AJ346891	GBAN-AJ347001	GBAN-AJ346947
<i>Pertusadina hainanensis</i> (How) Ridsdale	Guizhou 2220, China ( NY)	GBAN-AJ346892	GBAN-AJ347002	GBAN-AJ346948
<i>Pertusadina malaccensis</i> Ridsdale	Uechirachan & Sirirugosa 41058, Thailand (NY)	GBAN-AJ346893	GBAN-AJ347003	GBAN-AJ346949
<i>Pseudocinchona mayumbensis</i> (R. D. Good) Raym.-Hamet	Razafimandimbison 313, Gabon (LBR, MO, P, TAN)	GABN-AJ346864	GBAN-AJ346976	GBAN-AJ346921
<i>Pseudocinchona pachyceras</i> (K. Schum.) A. Chev.	Jonkind & Abbiw 1910, Ghana (MO)	GBAN-AJ346865	GBAN-AJ346977	GBAN-AJ346922
<i>Sarcocephalus latifolius</i> (Smith) Bruce	Bremer 2726 (UPS); Bremer, Andreasen, & Olsson (1995)	GBAN-AJ346899	GBAN-X83667 <sup>c</sup>	GBAN-AJ346960
<i>Sarcocephalus pobeguini</i> Pob. ex Pell.	Razafimandimbison 312, Gabon (LBR, MO, P, TAN)	GBAN-AJ346894	GBAN-AJ347005	GBAN-AJ346950
<i>Sinoadina racemosa</i> (Sieb. & Zucc.) Ridsdale	Jer-Ming Hu & Wang 859, China (MO)		GBAN-AJ347004	GBAN-AJ346961
<i>Uncaria africana</i> G. Don	Razafimandimbison 304, Gabon (MO, P, TAN)	GBAN-AJ414545	GBAN-AJ347006	GBAN-AJ346951
<i>Uncaria guianensis</i> (Aubl.) J. F. Gmel.	Taylor, Chanderbali, & Bourne 12075, Guyana (MO)	GBAN-AJ414546	GBAN-AJ347007	GBAN-AJ346952
<i>Uncaria rhynchophylla</i> (Miq.) Miq. ex Havil.	Bremer 3305 (UPS), Cult. Uppsala Bot. Gard.	GBAN-AJ346900	GBAN-X83669 <sup>c</sup>	GBAN-AJ346959

<i>Uncaria</i> sp.	Harder et al. 4242, Vietnam (MO)	GBAN-AJ414547	GBAN-AJ346008	GBAN-AJ346953
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<sup>a</sup> The prefix GBAN- has been added to accessions to link the online version of American Journal of Botany with GenBank but is not part of the actual accession number.

<sup>b</sup> Bremer et al. (1999).

<sup>c</sup> Bremer, Andreasen, & Olsson (1995).

<sup>d</sup> Andreasen, Baldwin, & Bremer (1999).