

LENS, FREDERIC, MARY E. ENDRESS, PIETER BAAS, STEVEN JANSEN, AND ERIK SMETS. 2008. Wood anatomy of Rauvolfioideae (Apocynaceae): a search for meaningful non-DNA characters at the tribal level. *American Journal of Botany* 95(10): 1199-1215.

APPENDIX S1. List of taxa investigated in this study with reference to their locality, vouchers, and the tribal classification sensu Simões et al. (2007). References to figures refer to photographs that illustrate the diagnostic wood features at the tribal level. Institutional wood collections used in this study are abbreviated according to Index Xylariorum (Stern, 1988). Wood specimens that were considered to be juvenile are marked with an asterisk. “Mature” means that the wood sample is derived from a trunk or mature branches, although the exact diameter of the wood sample could not be traced

SPECIES	LOCALITY	VOUCHER DATA	TRIBE	FIG. NUMBER
<i>Acokanthera oblongifolia</i> (Hochst.) Codd	Spain (Canary Islands, Tenerife)	Schweingruber 23 (L), 25 mm	Carisseae	
<i>Acokanthera oblongifolia</i> (Hochst.) Codd	The Netherlands (Hortus Botanicus Leiden)	Botanic Laboratory 66005 (L), 35 mm	Carisseae	
<i>Allamanda cathartica</i> L.	Indonesia	Flora of Malaya 2357 (L), 23 mm	Plumerieae	
<i>Alstonia scholaris</i> (L.) R.Br.	Philippines (Quézon)	Rojo s.n. (L, MADw 37849), mature	Alstonieae	Figs. 16, 21
<i>Alstonia spectabilis</i> R.Br.	New Guinea	Darbyshire 883 (L), mature	Alstonieae	
<i>Alyxia concatenata</i> (F.Blanco) Merr.	Philippines	Philippine Bureau of Forestry Museum Plank 361 (MADw 7721), mature	Alyxieae	
<i>Alyxia scabrida</i> Markgr.	East New Guinea	Jacobs 9073 (L), 29 mm	Alyxieae	Fig. 3
<i>Alyxia subalpina</i> Markgr.*	East New Guinea	Kalkman 4718 (L), 18 mm	Alyxieae	
<i>Alyxia sulana</i> Markgr.*	Indonesia (Sulawesi)	de Vogel 6091 (L), 17 mm	Alyxieae	
<i>Ambelania acida</i> Aubl.	Surinam	Stahel 265 (L), mature	Tabernaemontaneae	Fig. 27
<i>Aspidosperma album</i> Pichon	Surinam	Stahel 77 (L), mature	Aspidospermeae	Fig. 18
<i>Aspidosperma carapanauba</i> Pichon	Brazil	Krukoff 5639 (MADw 19123), mature	Aspidospermeae	
<i>Aspidosperma cylindrocarpon</i> Müll.Arg.	Peru (Huanuco)	Lao s.n. (L, MADw 22279), mature	Aspidospermeae	
<i>Aspidosperma discolor</i> A.DC.	Surinam	Stahel 70 (L), mature	Aspidospermeae	
<i>Aspidosperma megalocarpon</i> Müll.Arg.	Guatemala	Ortiz s.n. (L, MADw 23119), mature	Aspidospermeae	
<i>Aspidosperma steyermarkii</i> Woodson	Peru (Huanuco)	Gutierrez 95 (L, MADw 22409),	Aspidospermeae	

<i>Callichilia barteri</i> (Hook.f.) Stapf	Origin unknown	mature		
<i>Callichilia subsessilis</i> (Benth.) Stapf*	Ivory Coast (Forest of Blanco)	van de Laa 215 (WAG), 27 mm	Tabernaemontaneae	Fig. 4
<i>Cameraria latifolia</i> L.	USA (Miami, Fairchild Tropical Garden)	Beentje 581 (WAG), 9 mm	Tabernaemontaneae	
<i>Carissa spinarum</i> L.	Benin	Curtis FG 522 (L), 115 mm	Plumerieae	
<i>Carissa</i> sp.*	India (Pamba Dam)	Geerling & Bokdam 2191 (WAG), 25 mm	Carisseae	
<i>Cerbera floribunda</i> K.Schum.	USA (New Britain)	Ridsdale 570 (L), 15 mm	Carisseae	
<i>Cerberiopsis candelabra</i> Pancher & Sebert	New Caledonia (route de Yaté)	Sudo s.n. (L, TWTw 11590), mature	Plumerieae	Fig. 6
<i>Chilocarpus suaveolens</i> Blume	Origin unknown	Sarlin 98 (L), mature	Plumerieae	
<i>Chilocarpus torulosus</i> (Boerl.) Markgr.*	Indonesia (Kalimantan Tengah)	collector and number unknown (L 0369491), 22 mm	Alyxieae	Figs. 12, 24
<i>Condylcarpon amazonicum</i> (Markgr.) Ducke	Brazil	collector and number unknown (L), 18 mm	Alyxieae	
<i>Couma guianensis</i> Aubl.	Surinam	Krukoff 8007 (MADw 27230), mature	Alyxieae	
<i>Couma macrocarpa</i> Barb.Rodr.	Colombia	Stahel 128a (L), mature	Willughbeieae	
<i>Cyclocotyla congolensis</i> Stapf	Cameroon (Muila Dep., Ebom)	Cabrera s.n. (L, WAG, MADw 37908), mature	Willughbeieae	Fig. 5
<i>Dictyophleba ochracea</i> (Hallier f.) Pichon	Cameroon (Mvila Dep, near Ebom)	Elad & Parren 378 (WAG), 86 mm	Willughbeieae	Fig. 17
<i>Dictyophleba stipulosa</i> (Wernham) Pichon	Cameroon (Mvila Dep., near Ebom)	Parren 41 (WAG), 28 mm	Willughbeieae	Figs. 19, 28
<i>Diplorhynchus condylcarpon</i> (Müll.Arg.) Pichon	Mozambique	Parren 59 (WAG), 30 mm	Willughbeieae	
<i>Diplorhynchus condylcarpon</i> (Müll.Arg.) Pichon	South Africa	Carvalho 863 (MADw 30765), mature	incertae sedis	
<i>Dyera costulata</i> Hook.f.	Borneo	Dentzman 1767 (MADw 9571), mature	incertae sedis	
<i>Dyera polyphylla</i> (Miq.) Steenis	Singapore (Singapore Botanical Gardens, Sepilok)	collector and number unknown (L 0121593), mature	Alstonieae	Figs. 32--33
<i>Geissospermum sericeum</i> Miers	Brazil	collector and number unknown (WIBw 3509, WAG), mature	Alstonieae	
		Capucho 440 (MADw 27152),	Aspidospermeae	

<i>Gonioma kamassi</i> E.Mey.	South Africa	mature collector and number unknown (WIBw 824, WAG), mature	Hunterieae	Fig. 22
<i>Hancornia speciosa</i> Gomes	Brazil	Irwin et al. 13317 (MADw 36493), 18 mm	Willughbeieae	
<i>Himatanthus articulatus</i> (Vahl) Woodson	Surinam	Stahel 200 (L), mature	Plumerieae	Fig. 20
<i>Himatanthus articulatus</i> (Vahl) Woodson	Peru (Loreto)	Mathias & Taylor 5612 (L), 38 mm	Plumerieae	
<i>Himatanthus articulatus</i> (Vahl) Woodson	Surinam	Stahel 329 (L), mature	Plumerieae	
<i>Himatanthus sucuba</i> (Müll.Arg.) Woodson	Peru	Arostegui 64 (L, MADw 22085), mature	Plumerieae	
<i>Hunteria eburnea</i> Pichon	The Netherlands (Botanical Garden Wageningen)	van Veldhuizen 33 (WAG), 46 mm	Hunterieae	
<i>Kametia caryophyllata</i> (Roxb.) Nicolson & Suresh*	India (Karin Schola)	Ridsdale 328 (L), 15 mm	Vinceae	Fig. 7
<i>Kopsia arborea</i> Blume	Sumatra (Lamping prov., Mount Tanggamus)	Jacobs 8043 (L), 42 mm	Vinceae	
<i>Kopsia rosea</i> D.J.Middleton	Thailand	Geesink 5039 (L), 56 mm	Vinceae	
<i>Lacmellea edulis</i> H.Karst.	Colombia	Cuatrecasas 15626 (L), 65 mm	Willughbeieae	
<i>Lacmellea floribunda</i> (Poepp. & Endl.) Benth. & Hook.f.	Colombia	Cuatrecasas 17201 (L), mature	Willughbeieae	
<i>Landolphia gummifera</i> (Poir.) K.Schum.*	Madagascar	collector and number unknown, Kolonial Museum Haarlem 1507-5 (L), 13 mm	Willughbeieae	
<i>Landolphia watsoniana</i> Romburgh	Origin unknown	collector and number unknown, Kolonial Museum Haarlem 1507-01 (L), 25 mm	Willughbeieae	
<i>Lepiniopsis ternatensis</i> Valetton	Celebes (Sulawesi Selatan)	de Vogel 6114 (L), mature	Alyxieae	
<i>Leuconotis cf. anceps</i> Jack	Brunei (Meranking, Belait)	Ogata et al. Og-B137 (L), 76 mm	Willughbeieae	
<i>Leuconotis griffithii</i> Hook.f.	Indonesia (Sumatra)	Meijer 4384 (L), 72 mm	Willughbeieae	
<i>Macoubea guianensis</i> Aubl.	Surinam	Stahel 183 (L), mature	Tabernaemontaneae	
<i>Macoubea sprucei</i> (Müll.Arg.) Markgr.	Brazil	Krukoff 7924 (MADw 27206), mature	Tabernaemontaneae	
<i>Melodinus forbesii</i> Fawc.*	Papua New Guinea (Mount Bosavi)	Jacobs 9337 (L), 15 mm	Melodineae	
<i>Melodinus orientalis</i> Blume	Asia	collector and number unknown,	Melodineae	

<i>Microplumeria anomala</i> (Müll.Arg.) Markgr.	Brazil	Koloniaal Museum Haarlem 1507-2 (L), 29 mm Collector and number unknown (MADw 5374), mature	Aspidospermeae	Fig. 15
<i>Mucoa duckei</i> (Markgr.) Zarucchi	Brazil	Zarucchi et al. 2973 (MADw 46502), mature	Tabernaemontaneae	
<i>Ochrosia acuminata</i> Valetton	Celebes (Sulawesi Selatan)	de Vogel 6110 (L), mature	Vinceae	
<i>Ochrosia glomerata</i> (Blume) Valetton	Philippines (Palawan, Lake Manguao)	Podzorski SMHI 752 (L), 78 mm	Vinceae	
<i>Orthopichonia cirrhosa</i> (Radlk.) H.Huber*	Cameroon (Yaoundé)	Breteler et al. 2467 (WAG), 13 mm	RAU-Willug	
<i>Orthopichonia indeniensis</i> (A.Chev.) H.Huber	Liberia	Jansen 1476 (WAG), 34 mm	Willughbeieae	
<i>Orthopichonia seretii</i> (De Wild.) Vonk	Cameroon (Bidou)	van der Burgt & Mbmba 239 (WAG), 28 mm	Willughbeieae	Fig. 31
<i>Parahancornia fasciculata</i> (Poir.) Benoist	Surinam	Stahel s.n. (L), mature	Willughbeieae	
<i>Parahancornia peruviana</i> Monach.	Peru (Loreto)	Arostegui 106 (L, MADw 22097), mature	Willughbeieae	
<i>Picralima nitida</i> Th. & H.Dur	Cameroon	Letouzey 5069 (MADw 36998), mature	Hunterieae	
<i>Picralima</i> sp.	Democratic Republic of Congo (N Kasai)	Dechamps s.n. (L, Tw), mature	Hunterieae	
<i>Pleiocarpa mutica</i> Benth.	Ivory Coast (Banco)	Forest Service 35 (CTFw 24446), mature	Hunterieae	
<i>Pleiocarpa pycnantha</i> (K.Schum.) Stapf	Cameroon	Delcroix 168 (CTFw 24857), mature	Hunterieae	Fig. 26
<i>Plumeria rubra</i> L.	Mexico (Oaxaca)	Hansen et al. 1589 (L), 58 mm	Plumerieae	
<i>Pteralyxia macrocarpa</i> (Hillebr.) K.Schum	USA (Hawaii)	Board of Agriculture and Forestry s.n. (MADw 37174), mature	Alyxieae	
<i>Rauvolfia moluccana</i> Markgr.	Indonesia (Maluku Islands, NW Buru)	van Balgooy 4927 (L), mature	Vinceae	
<i>Rauvolfia nitida</i> Jacq.	Origin unknown	Eggers Lign. Ind. Occ. 184 (L), 53 mm	Vinceae	
<i>Rauvolfia sumatrana</i> Jack.	Philippines (Palawan, Puerto Princessa)	Podzorski SMHI 521 (L), 60 mm	Vinceae	
<i>Saba comorensis</i> (Bojer) Pichon*	Ivory Coast (Bouaflé)	Jongkind 4737 (WAG), 60 mm	Willughbeieae	Fig. 2

<i>Saba comorensis</i> (Bojer) Pichon	Nigeria (Oyo Prov.)	van Meer 592 (WAG), 8 mm	Willughbeieae	Fig. 29
<i>Stemmadenia tomentosa</i> Greenm.	Mexico	Williams 9499 (MADw 27231), mature	Tabernaemontaneae	
<i>Stephanostegia</i> sp.	Madagascar	collector and number unknown (CTFTw, WIBw 876, WAG), mature	Melodineae	
<i>Tabernaemontana attenuata</i> (Miers) Urb.	Surinam	Stahel 303 (L), mature	Tabernaemontaneae	
<i>Tabernaemontana aurantiaca</i> Gaudich.	New Guinea (Madang District)	Hoogland 4962 (L), mature	Tabernaemontaneae	
<i>Tabernaemontana columbiensis</i> (L.Allorge) Leeuwenb.	Ecuador	Beck et al. 2265 (MADw 48959, mature	Tabernaemontaneae	
<i>Tabernaemontana cymosa</i> Jacq.	Venezuela	Pittier 12383 (MADw 27181), mature	Tabernaemontaneae	
<i>Tabernaemontana cymosa</i> Jacq.	Brazil	Krukoff 5784 (MADw 19152), mature	Tabernaemontaneae	
<i>Tabernaemontana durissima</i> Stapf	Liberia	Cooper 242 (MADw 27123), mature	Tabernaemontaneae	
<i>Tabernaemontana durissima</i> Stapf	Democratic Republic of Congo (Kasai)	Dechamps s.n. (L 0369499), mature	Tabernaemontaneae	
<i>Tabernaemontana eglandulosa</i> Stapf*	Cameroon (Bertoua)	Breteler 1297 (WAG), 15 mm	Tabernaemontaneae	
<i>Tabernaemontana macrocarpa</i> Jack	Indonesia (N Sumatra, Ketambe)	de Wilde & de Wilde-Duyfjes 16961 (L), 95 mm	Tabernaemontaneae	Fig. 30
<i>Tabernaemontana pachysiphon</i> Stapf	Kenya	Federal Forestry Department of Kenya, Wormald 35 (MADw 40116), mature	Tabernaemontaneae	
<i>Tabernaemontana panamensis</i> (Markgr., Boiteau & L.Allorge) Leeuwenb.	Panama (Veraguas)	Nee 11159 (L), 22 mm	Tabernaemontaneae	Fig. 14
<i>Tabernaemontana siphilitica</i> (L. f.) Leeuwenb.*	Peru (San Martin, Loreto)	Mathias & Taylor 3536 (L), 15 mm	Tabernaemontaneae	
<i>Tabernaemontana</i> sp.	Brazil	Brazilian Forest Service 3004 (MADw 13175), mature	Tabernaemontaneae	
<i>Tabernaemontana</i> sp.	Madagascar	Barnett et al. 368 (MADw 44509), 30 mm	Tabernaemontaneae	
<i>Thevetia ahouai</i> (L.) A.DC.*	Panama (SW slope of Cerro Cabra)	Nee 6655 (L, MADw), 16 mm	Plumerieae	

<i>Thevetia peruviana</i> (Pers.) K.Schum	China	NTU 488 (MADw 42374), mature	Plumerieae
<i>Vahadenia laurentii</i> (De Wild.) Stapf*	Gabon (Oveng)	Louis et al. 526 (WAG), 14 mm	Willughbeieae
<i>Vallesia glabra</i> (Cav.) Link*	Bolivia	Nee 35314 (MADw 44308), 15 mm	Aspidospermeae
<i>Voacanga chalotiana</i> Stapf	Democratic Republic of Congo (N Kasai)	Dechamps s.n. (L Tw), mature	Tabernaemontaneae
<i>Voacanga globosa</i> (Blanco) Merr.	Origin unknown	Collector unknown (L 0085266), mature	Tabernaemontaneae Fig. 23
<i>Voacanga</i> sp.	Philippines	Jacobs 7961 (L), 45 mm	Tabernaemontaneae
<i>Willughbeia angustifolia</i> (Miq.) Markgr.	Indonesia (Kalimantan Timur, Wanariset)	van Valkenburg 1161 (L), 30 mm	Willughbeieae
<i>Willughbeia coriacea</i> Wall.	Thailand (Naratiwat)	Maxwell 87-588 (L), 25 mm	Willughbeieae
<i>Willughbeia tenuiflora</i> Hook.f	Indonesia (Sumatra)	Meijer 4214 (L), 40 mm	Willughbeieae