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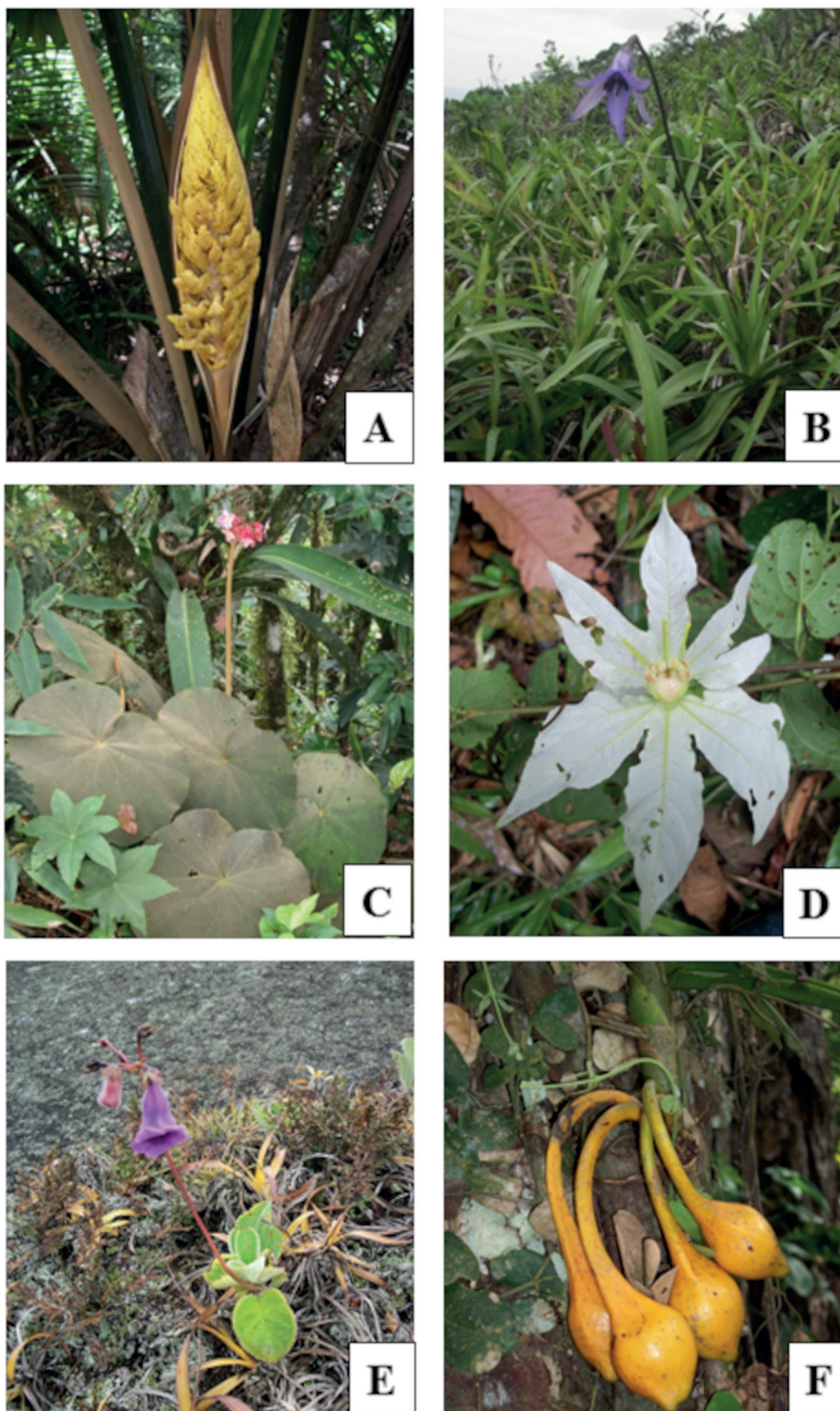


Figure S1. **A.** *Attalea humilis* Mart.; **B.** *Barbacenia spectabilis* L.B.Sm. & Ayensu; **C.** *Begonia espiritosantensis* E.L.Jacques & Mamede; **D.** *Dalechampia margarethiae* Pereira-Silva & Armbruster; **E.** *Sinningia aghensis* Chauterns; **F.** *Syngonium vellozianum* Schott.



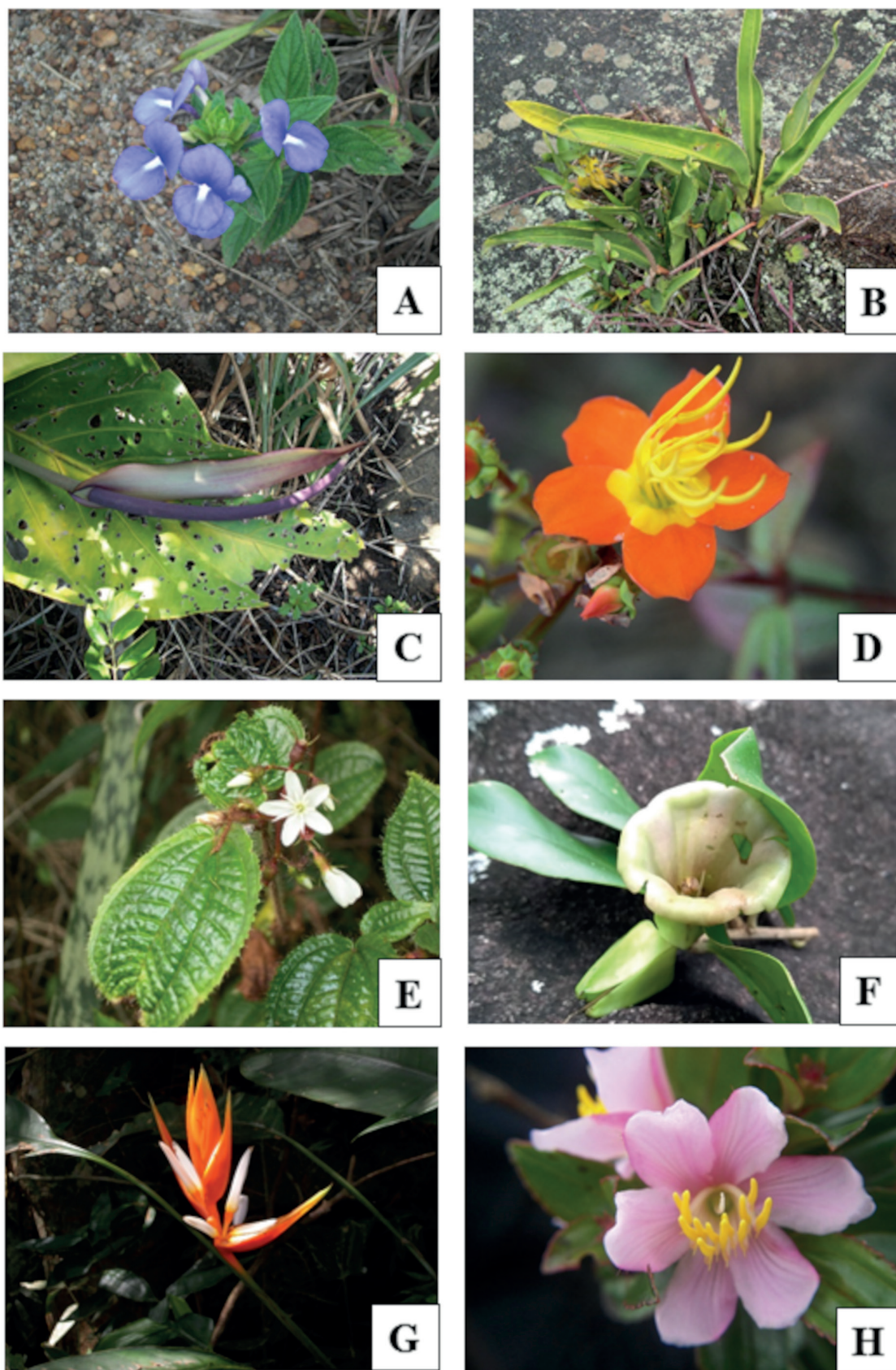


Figure S2. **A.** *Achetaria azurea* (Linden) V.C.Souza; **B.** *Anthurium angustifolium* Theófilo & Sakur.; **C.** *Anthurium solitarium* Schott; **D.** *Cambessedesia eichleri* Cogn.; **E.** *Clidemia hirta* (L.) D.Don; **F.** *Dyssochroma atlanticum* (Stehmann & Giacomini) A. Orejuela & C.I. Orozco; **G.** *Heliconia angusta* Vell; **H.** *Huberia mestrealvarensis* (D.T.Iglesias & R.Goldenb.) Boichorny & Michelang.

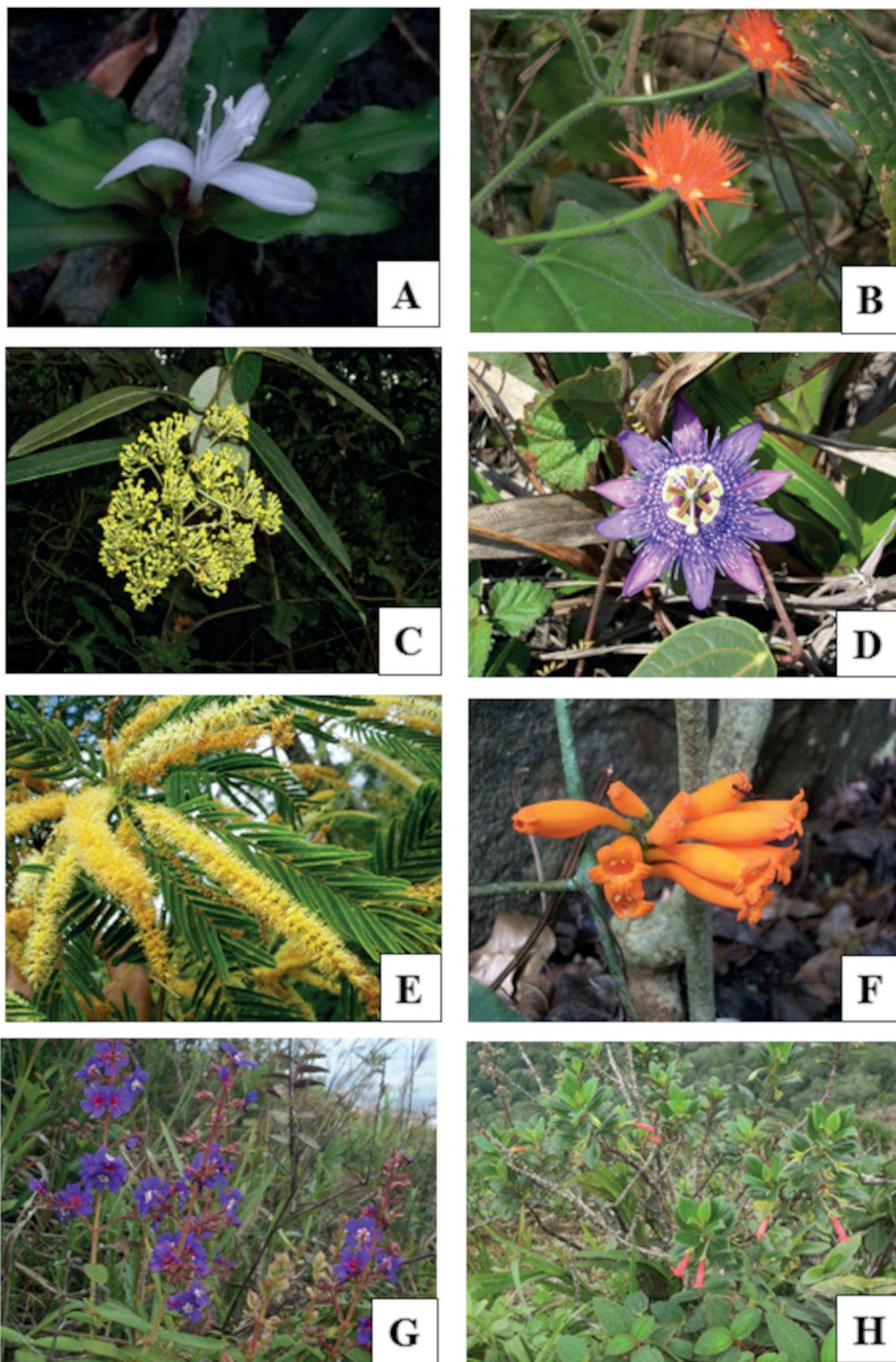


Figure S3. **A.** *Cryptanthus dorothyae* Leme; **B.** *Gurania pseudo-spinulosa* Cogn; **C.** *Heteropterys nitida* (Lam.) DC.; **D.** *Passiflora amethystina* J.C.Mikan; **E.** *Pseudopiptadenia contorta* (DC.) G.P.Lewis & M.P.Lima; **F.** *Pyrostegia venusta* (Ker Gawl.) Miers; **G.** *Tibouchina radula* Markgr.; **H.** *Vanhouttea calcarata* Lem.

Table S1. Angiosperms list of the Área de Proteção Ambiental Mestre Álvaro, Espírito Santo State, Brazil. SHR = shrubs, ARV = tree, HER = herbs, CLI = climbers or lianas SUB = subshrubs, * = endemic of the Espírito Santo State, ** = new register from the Espírito Santo State, EN = Em perigo, NT = Near Threatened, VU = Vulnerable, (BR) = Brazil red list, (ES) = Espírito Santo red list.

Family/Species	Voucher	Life-forms
Acanthaceae		
<i>Aphelandra maximiliana</i> (Nees) Benth. * EN(BR)	Menezes, B.D. et al. 22 (VIES)	SHR
<i>Aphelandra prismatica</i> (Vell.) Hieron. VU(ES)	Valadares, R.T. et al. 995 (VIES)	SHR
<i>Justicia asclepiadea</i> (Nees) Wassh. & C. Ezcurra **	Assis, A.M. et al. 2554 (VIES)	SHR
<i>Justicia symphyantha</i> (Nees) Lindau	Cribari, R.S. et al. 107 (VIES)	SHR
<i>Ruellia geminiflora</i> Kunth	Cribari, R.S. et al. 95 (VIES)	SUB
Achariaceae		
<i>Carpotroche brasiliensis</i> (Raddi) A. Gray	Botelho, R.M. et al. 110 (VIES)	TRE
<i>Kuhlmanniodendron apterocarpum</i> (Kuhlm.) Fiaschi & Groppo *	Cribari, R.S. & Assis, A.M. 65 (VIES)	TRE
Amaranthaceae		
<i>Alternanthera brasiliensis</i> (L.) Kuntze	Botelho, R.M. et al. 106 (VIES)	HER
Amaryllidaceae		
<i>Griffinia espiritensis</i> Ravenna EN(BR)	Cribari, R.S. et al. 143 (VIES)	HER
<i>Hippeastrum striatum</i> (Lam.) H.E. Moore EN(BR)	Borges, W.S. & Bismack 5 (VIES)	HER
Anacardiaceae		
<i>Schinus terebinthifolia</i> Raddi	Botelho, R.M. et al. 31 (VIES)	TRE
<i>Spondias venulosa</i> (Engl.) Engl.	Assis, A.M. et al. 2336 (VIES)	TRE
Annonaceae		
<i>Annona acutiflora</i> Mart.	Vago, A.M. et al. 41 (MBML)	TRE
<i>Annona dolabripetala</i> Raddi **	Botelho, R.M. et al. 107 (MBML)	TRE
<i>Duguetia chrysocarpa</i> Maas	Santos, R. et al. 24 (VIES)	TRE
<i>Duguetia flagellaris</i> Huber **	Vago, A.M. et al. 995 (MBML)	TRE
Apocynaceae		
<i>Asclepias curassavica</i> L.	Barros, P.H.D. et al. 137 (VIES)	SUB
<i>Mandevilla atrovioleacea</i> (Stadelm.) Woodson	Pereira, O.J. 2065 (VIES)	CLI
<i>Oxypetalum banksii</i> Schult.	Assis, A.M. et al. 2316 (VIES)	CLI
Araceae		
<i>Anthurium angustifolium</i> Theófilo & Sakur. EN(ES)	Valadares, R.T. 1042 (VIES)	HER
<i>Anthurium comtum</i> Schott	Valadares, R.T. et al. 992 (VIES)	HER
<i>Anthurium idimae</i> Theófilo & Nadruz	Gomes, J.M.L. 3677 (VIES)	HER
<i>Anthurium jilekii</i> Schott	Barros, P.H.D. 106 (VIES)	HER
<i>Anthurium parasiticum</i> (Vell.) Stellfeld	Gomes, J.M.L. 3670 (VIES)	HER
<i>Anthurium pentaphyllum</i> (Aubl.) G. Don	Valadares, R.T. 1166 (VIES)	HER
<i>Anthurium scandens</i> (Aubl.) Engl.	Gomes, J.M.L. 3662 (VIES)	HER
<i>Anthurium solitarium</i> Schott	Valadares, R.T. 1165 (VIES)	HER
<i>Monstera adansonii</i> Schott	Valadares, R.T. et al. 954 (VIES)	HER
<i>Philodendron cordatum</i> Kunth ex Schott	Valadares, R.T. & Gomes, J.M.L. 921 (VIES)	HER
<i>Philodendron edmundoi</i> G.M.Barroso	Pereira, O.J. 7744 (VIES)	HER
<i>Philodendron fragrantissimum</i> (Hook.) G. Don	Valadares, R.T. & Silva, L.A. 994 (VIES)	HER
<i>Philodendron hatschbachii</i> Nadruz & Mayo NT(BR)	Valadares, R.T. 1438 (RB)	HER
<i>Philodendron oblongum</i> (Vell.) Kunth	Santos, R. et al. 34 (VIES)	HER
<i>Philodendron pedatum</i> (Hook.) Kunth	Valadares, R.T. 1440 (RB)	HER
<i>Philodendron propinquum</i> Schott	Valadares, R.T. & Silva, L.A. 991 (VIES)	HER
<i>Rhodospata latifolia</i> Poepp.	Valadares, R.T. 1153 (VIES)	HER
<i>Syngonium vellozianum</i> Schott	Valadares, R.T. & Koski, D. 1251 (VIES)	HER
<i>Zomicarpa steigeriana</i> Maxim. ex Schott	Valadares, R.T. & Koski, D. 1247 (VIES)	HER
Araliaceae		
<i>Hydrocotyle quinqueloba</i> Ruiz & Pav.	Barros, P.H.D. 126 (VIES)	HER
<i>Oreopanax capitatus</i> (Jacq.) Decne. & Planch. VU(ES)	Gomes, J.M.L. et al. 3581 (VIES)	SHR/TRE
Arecaceae		
<i>Bactris bahiensis</i> Noblick ex A.J.Hend.	Vago, A. et al. 13 (VIES)	HER
<i>Geonoma elegans</i> Mart.	Botelho, R.M. et al. 66 (VIES)	HER
<i>Geonoma rodeiensis</i> Barb.Rodr.	Gomes, J.M.L. 3669 (VIES)	HER



Table S1. Cont.

Family/Species	Voucher	Life-forms
Aristolochiaceae		
<i>Aristolochia assisii</i> J. Freitas, Lirio & F. González ^{EN(ES)}	Assis, A.M. <i>et al.</i> 2327 (MBML)	HER
<i>Aristolochia cymbifera</i> Mart. & Zucc.	Xon, J.E. <i>et al.</i> s.n. (MBML 22367)	CLI
Asteraceae		
<i>Achyrocline satureioides</i> (Lam.) DC.	Gomes, J.M.L. <i>et al.</i> 3585 (VIES)	HER
<i>Austroeupatorium inulaefolium</i> (Kunth) R.M.King & H.Rob.	Barros, P.H.D. <i>et al.</i> 135 (VIES)	HER/SUB/SHR
<i>Baccharis calvescens</i> DC.	Barros, P.H.D. <i>et al.</i> 154 (VIES)	SHR
<i>Baccharis serrulata</i> (Lam.) Pers.	Deus, Y.S. de 9 (VIES)	SUB
<i>Baccharis singularis</i> (Vell.) G.M.Barroso	Gomes, J.M.L. 3591 (VIES)	SHR
<i>Barrosoa organensis</i> (Gardner) R.M.King & H.Rob.	Gomes, J.M.L. 3665 (VIES)	SHR
<i>Centratherum punctatum</i> Cass.	Vago, A. <i>et al.</i> 52 (VIES)	SUB
<i>Chaptalia integerrima</i> (Vell.) Burkart	Deus, Y.S. de s.n. (VIES 13681)	HER
<i>Chromolaena maximiliani</i> (Schrad. ex DC.) R.M.King & H.Rob.	Barros, P.H.D. <i>et al.</i> 191 (VIES)	SHR
<i>Cyrtocymura scorpioides</i> (Lam.) H.Rob.	Assis, A.M. <i>et al.</i> 2542 (VIES)	SUB
<i>Lepidaploa argyrotricha</i> (Sch.Bip. ex Baker) H.Rob.	Gomes, J.M.L. <i>et al.</i> 3582 (VIES)	SUB
<i>Mikania micrantha</i> Kunth	Barros, P.H.D. <i>et al.</i> 136 (VIES)	CLI
<i>Moquiniastrum polymorphum</i> (Less.) G. Sancho	Botelho, R.M. <i>et al.</i> 12 (VIES)	SHR/TRE
<i>Pterocaulon alopecuroides</i> (Lam.) DC.	Gomes, J.M.L. <i>et al.</i> 3584 (VIES)	SUB
<i>Tridax procumbens</i> L.	Vago, A. <i>et al.</i> 33 (VIES)	HER
Balsaminaceae		
<i>Impatiens walleriana</i> Hook.f	Santos, R. <i>et al.</i> 43 (VIES)	HER
Begoniaceae		
<i>Begonia angularis</i> Raddi ^{VU(ES)}	Kollmann, L. & Cribari, R. 12207 (MBML)	SUB
<i>Begonia kuhlmannii</i> Brade ^{* EN(BR), VU(ES)}	Barros, P.H.D. <i>et al.</i> 151 (HUEFS)	HER
<i>Begonia espiritosantensis</i> E.L.Jacques & Mamede ^{* EN(BR, ES)}	Vinha, P.C. 1168 (VIES)	HER
<i>Begonia hirtella</i> Link	Menezes, B.D. <i>et al.</i> 16 (VIES)	HER
<i>Begonia itaguassuensis</i> Brade ^{EN(BR)}	Botelho, R.M. <i>et al.</i> 75 (VIES)	SUB
<i>Begonia novalombardiensis</i> L.Kollmann ^{EN(BR)}	Kollmann, L. & Cribari, R. 12209 (MBML)	SUB
<i>Begonia reniformis</i> Dryand.	Cribari, R.S. & Assis, A.M. 55 (VIES)	SUB
<i>Begonia solanthera</i> A.DC.	Kollmann, L. & Cribari, R. 12208 (MBML)	CLI
Bignoniaceae		
<i>Adenocalymma cymbalum</i> (Cham.) Bureau & K.Schum.	Vago, A. <i>et al.</i> 26 (VIES)	CLI
<i>Adenocalymma salmoneum</i> J.C.Gomes	Assis, A.M. <i>et al.</i> 2584 (VIES)	CLI
<i>Bignonia binata</i> Thunb.	Iglesias, D.T. & Cardoso, W.C. 84 (VIES)	CLI
<i>Fridericia conjugata</i> (Vell.) L.G.Lohmann	Vago, A. <i>et al.</i> 8 (VIES)	CLI
<i>Fridericia rego</i> (Vell.) L.G.Lohmann	Barros, P.H.D. <i>et al.</i> 149 (VIES)	CLI
<i>Fridericia subincana</i> (Mart.) L.G.Lohmann	Botelho, R.M. <i>et al.</i> 1 (VIES)	CLI
<i>Handroanthus riocensis</i> (A.H.Gentry) S.Grose ^{EN(BR), CR(ES)}	Assis, A.M. <i>et al.</i> 2531 (VIES)	TRE
<i>Lundia longa</i> (Vell.) DC.	Barros, P.H.D. 197 (HUEFS)	CLI
<i>Pleonotoma stichadenia</i> K.Schum.	Cribari, R.S. & Assis, A.M. 74 (VIES)	CLI
<i>Sparattosperma leucanthum</i> (Vell.) K.Schum.	Botelho, R.M. <i>et al.</i> 50 (VIES)	TRE
<i>Tabebuia roseoalba</i> (Ridl.) Sandwith	Santos, R. <i>et al.</i> 25 (VIES)	TRE
<i>Zeyheria tuberculosa</i> (Vell.) Bureau ex Verl. ^{VU(BR)}	Vago, A. <i>et al.</i> 2 (VIES)	TRE
Boraginaceae		
<i>Cordia taguhyensis</i> Vell.	Botelho, R.M. <i>et al.</i> 67 (VIES)	SHR/TRE
<i>Cordia trichotoma</i> (Vell.) Arráb. ex Steud.	Cribari, R.S. & Assis, A.M. 59 (VIES)	TRE
Bromeliaceae		
<i>Acanthostachys strobilacea</i> (Schult. & Schult.f.) Klotzsch	Gomes, J.M.L. 3695 (VIES)	HER
<i>Aechmea bromeliifolia</i> (Rudge) Baker	Sarnaglia-Jr., V.B. 431 (VIES)	HER
<i>Aechmea depressa</i> L.B.Sm. ^{EN(BR)}	Santos, R. <i>et al.</i> 59 (VIES)	HER
<i>Aechmea lamarchei</i> Mez	Gomes, J.M.L. 3518 (VIES)	HER
<i>Aechmea ramosa</i> Mart. ex Schult. & Schult.f.	Pereira, O.J. 7742 (VIES)	HER
<i>Billbergia amoena</i> (Lodd.) Lindl.	Assis, A.M. <i>et al.</i> 2350 (VIES)	HER
<i>Billbergia euphemiae</i> E.Morren	Cribari, R.S. & Assis, A.M. 21 (VIES)	HER
<i>Billbergia iridifolia</i> (Nees & Mart.) Lindl.	Assis, A.M. <i>et al.</i> 2556 (VIES)	HER
<i>Canistropsis billbergioides</i> (Schult. & Schult.f.) Leme	Vinha, P.C. 1430 (VIES)	HER



Table S1. Cont.

Family/Species	Voucher	Life-forms
<i>Cryptanthus brevifolius</i> Leme *	Deus, Y.S. de s.n. (VIES13683)	HER
<i>Cryptanthus dorotheae</i> Leme ^{EN(BR, ES)}	Silva, H.L. et al. 361 (VIES)	HER
<i>Cryptanthus maritimus</i> L.B.Sm. * ^{EN(BR) VU(ES)}	Kollmann, L. & Cribari, R. 12205 (MBML)	HER
<i>Neoregelia dungsiana</i> E.Pereira	s.c. (CVJFZB 266)	HER
<i>Pitcairnia flammea</i> Lindl.	Barros, P.H.D. 171 (VIES)	HER
<i>Tillandsia gardneri</i> Lindl.	Barros, P.H.D. 174 (VIES)	HER
<i>Tillandsia kautskyi</i> E.Pereira * ^{VU(BR, ES)}	Gomes, J.M.L. 3544 (VIES)	HER
<i>Tillandsia stricta</i> Sol.	Botelho, R.M. et al. 58 (VIES)	HER
<i>Tillandsia tenuifolia</i> L.	Cribari, R.S. & Assis, A.M. 7 (VIES)	HER
<i>Tillandsia usneoides</i> (L.) L.	Barros, P.H.D. et al. 246 (VIES)	HER
Cactaceae		
<i>Cereus fernambucensis</i> Lem.	Botelho, R.M. et al. 38 (VIES)	SUB
<i>Coleocephalocereus fluminensis</i> (Miq.) Backeb. ^(BR)	Cardoso, W.C. et al. 329 (VIES)	SUB
<i>Epiphyllum phyllanthus</i> (L.) Haw.	Cardoso, W.C. et al. 228 (VIES)	HER
<i>Hatiora salicornioides</i> (Haw.) Britton & Rose	Cardoso, W.C. et al. 15 (VIES)	HER
<i>Lepismium cruciforme</i> (Vell.) Miq.	Cardoso, W.C. et al. 231 (VIES)	HER
<i>Pereskia aculeata</i> Mill.	Botelho, R.M. et al. 55 (VIES)	CLI/SHR
<i>Pilosocereus brasiliensis</i> (Britton & Rose) Backeb. ^{NT(BR)}	Cardoso, W.C. & Iglesias, D.T. 243 (VIES)	SHR
<i>Rhipsalis elliptica</i> G.Lindb. ex K.Schum. ^{VU(ES)}	Cardoso, W.C. & Iglesias, D.T. 257 (VIES)	HER
<i>Rhipsalis floccosa</i> Salm-Dyck ex Pfeiff.	Cardoso, W.C. et al. 334 (VIES)	HER
<i>Rhipsalis lindbergiana</i> K.Schum.	Cardoso, W.C. & Iglesias, D.T. 242 (VIES)	HER
<i>Rhipsalis neves-armondii</i> K.Schum.	Cardoso, W.C. et al. 214 (VIES)	HER
<i>Rhipsalis puniceodiscus</i> G.Lindb. ^{** EN(ES)}	Cardoso, W.C. et al. 218 (VIES)	HER
<i>Rhipsalis teres</i> (Vell.) Steud.	Cardoso, W.C. et al. 207 (VIES)	HER
Calophyllaceae		
<i>Kielmeyera membranacea</i> Casar.	Cribari, R.S., Assis, A.M. 16 (VIES)	TRE
Campanulaceae		
<i>Centropogon cornutus</i> (L.) Druce	Barros, P.H.D. et al. 232 (VIES)	HER/SHR
Cannabaceae		
<i>Celtis brasiliensis</i> (Gardner) Planch.	Siqueira, G.S. 536 (CVRD)	CLI
<i>Celtis iguanaea</i> (Jacq.) Sarg.	Botelho, R.M. et al. 105 (VIES)	SHR/TRE
<i>Trema micrantha</i> (L.) Blume	Assis, A.M. et al. 2315 (VIES)	SHR/TRE
Cannaceae		
<i>Canna indica</i> L.	Cribari, R.S. & Assis, A.M. 94 (VIES)	HER
Capparaceae		
<i>Crateva tapia</i> L.	Vago, A.M. et al. 9 (MBML)	TRE
<i>Cynophalla flexuosa</i> (L.) J.Presl	Assis, A.M. et al. 2343 (MBML)	SHR
Celastraceae		
<i>Monteverdia cestrifolia</i> (Reissek) Biral	Botelho, R.M. et al. 70 (VIES)	SHR/TRE
<i>Monteverdia obtusifolia</i> (Mart.) Biral	Assis, A.M. et al. 2325 (VIES)	SHR/TRE
<i>Monteverdia schummaniana</i> (Loes.) Biral	Gomes, J.M.L. & Dutra, S. 4609 (VIES)	SHR/TRE
Chrysobalanaceae		
<i>Hirtella sprucei</i> Benth. ex Hook.f. ^{VU(ES)}	Barros, P.H.D. & Iglesias, D.T. 166 (VIES)	SHR/TRE
Cleomaceae		
<i>Tarenaya bicolor</i> (Gardner) Soares Neto & Roalson	Barros, P.H.D. 139 (HUEFS)	HER/SUB
Clusiaceae		
<i>Clusia aemygdioi</i> Gomes da Silva & B.Weinberg * ^{EN(BR, ES)}	Gomes, J.M.L. 3668 (UEC)	TRE
<i>Clusia organensis</i> Planch. & Triana	Cribari, R.S. et al. 87 (VIES)	SHR/TRE
<i>Clusia spiritu-sanctensis</i> G.Mariz & B.Weinberg *	Gomes, J.M.L. 3512 (VIES)	SHR/TRE
Commelinaceae		
<i>Commelina benghalensis</i> L.	Botelho, R.M. et al. 56 (VIES)	HER
<i>Commelina obliqua</i> Vahl	Vago, A. et al. 39 (VIES)	HER
<i>Dichorisandra procera</i> Mart. ex Schult. f.	Barros, P.H.D. et al. 243 (VIES)	HER
Costaceae		
<i>Costus spiralis</i> (Jacq.) Roscoe	Assis, A.M. et al. 2348 (VIES)	HER



Table S1. Cont.

Family/Species	Voucher	Life-forms
Cucurbitaceae		
<i>Fevillea passiflora</i> Vell.	Botelho, R.M. <i>et al.</i> 80 (VIES)	CLI
<i>Gurania pseudo-spinulosa</i> Cogn. **	Pirani, J.R. 174 (SPF)	CLI
<i>Gurania sellowiana</i> Cogn.	Cribari, R.S. <i>et al.</i> 18	CLI
<i>Melothria cf. cucumis</i> Vell.	Botelho, R.M. <i>et al.</i> 84 (MBML)	CLI
Cunoniaceae		
<i>Lamanonia ternata</i> Vell.	Assis, A.M. <i>et al.</i> 2560 (VIES)	SHR/TRE
Cyperaceae		
<i>Cyperus hermaphroditus</i> (Jacq.) Standl.	Barros, P.H.D. 175	HER
<i>Eleocharis interstincta</i> (Vahl) Roem. & Schult.	Cribari, R.S. <i>et al.</i> 134 (VIES)	HER
<i>Fuirena umbellata</i> Rottb.	Menezes, B.D. <i>et al.</i> 3 (VIES)	HER
<i>Pleurostachys gaudichaudii</i> Brongn.	Pirani, J.R. 190 (SPF)	HER
Dilleniaceae		
<i>Davilla latifolia</i> Casar.	Barros, P.H.D. <i>et al.</i> 192 (VIES)	CLI
<i>Davilla rugosa</i> Poir.	Deus, Y.S. de 16 (VIES)	CLI/SUB
Dioscoreaceae		
<i>Dioscorea glandulosa</i> (Griseb.) Kunth	Barros, P.H.D. 119 (VIES)	CLI
<i>Dioscorea laxiflora</i> Mart. ex Griseb	Botelho, R.M. <i>et al.</i> 23 (MBML)	CLI
<i>Dioscorea polygonoides</i> Humb. & Bonpl. ex Wild.	Santos, R. <i>et al.</i> 13 (MBML)	CLI
Ebenaceae		
<i>Diospyros brasiliensis</i> Mart. ex Miq.	Santos, R. <i>et al.</i> 36 (MBML)	TRE
Erythroxylaceae		
<i>Erythroxylum affine</i> A.St.-Hil.	Cribari, R.S. <i>et al.</i> 137 (MBML)	SHR/TRE
<i>Erythroxylum ectinocalyx</i> Mart. ^{VU(ES)}	Barros, P.H.D. 122 (VIES)	SHR/TRE
<i>Erythroxylum nobile</i> O.E.Schulz ^{CR(ES)}	Botelho, R.M. <i>et al.</i> 9 (MBML)	SHR/TRE
<i>Erythroxylum passerinum</i> Mart.	Menezes, B.H. <i>et al.</i> 6 (MBML)	SHR/TRE
<i>Erythroxylum tenue</i> Plowman	Santos, R. <i>et al.</i> 48 (MBML)	SHR
Euphorbiaceae		
<i>Acalypha amblyodonta</i> (Müll.Arg.) Müll.Arg.	Folli, D.A. 6584 (CVRD)	SUB/SHR
<i>Actinostemon klotzschii</i> (Didr.) Pax	Folli, D.A. 6895 (CVRD)	SHR/TRE
<i>Adenophaedra megalophylla</i> (Müll.Arg.) Müll.Arg.	Assis, A.M. <i>et al.</i> 2588 (VIES)	TRE
<i>Croton lundianus</i> (Didr.) Müll. Arg.	Barros, P.H.D. 115 (VIES)	HER/SUB
<i>Croton triquetus</i> Lam.	Freitas, V.C. 1 (VIES)	SUB/SHR
<i>Dalechampia margarethiae</i> Pereira-Silva & Armbruste *	Barros, P.H.D. <i>et al.</i> 129 (VIES)	CLI
<i>Gymnanthes klotzschiana</i> Müll.Arg.	Pirani, J.R. 182 (SPF)	SUB
<i>Manihot tripartita</i> (Spreng.) Müll. Arg.	Barros, P.H.D. <i>et al.</i> 194 (VIES)	SUB
<i>Pachystroma longifolium</i> (Nees) I.M.Johnst.	Botelho, R.M. <i>et al.</i> 47 (VIES)	TRE
<i>Pausandra morisiana</i> (Casar.) Radlk.	Assis, A.M. <i>et al.</i> 2333 (VIES)	TRE
<i>Sapium glandulosum</i> (L.) Morong	Freitas, V.C. 3 (VIES)	SHR/TRE
<i>Sebastiania brasiliensis</i> Spreng.	Folli, D.A. 6577 (CVRD)	SHR
Fabaceae		
<i>Abarema langsdorffii</i> (Benth.) Barneby & J.W.Grimes	Silva, L.A. <i>et al.</i> 99 (VIES)	SHR/TRE
<i>Aeschynomene elegans</i> Schltdl. & Cham.	Florenço, V.S. <i>et al.</i> 1 (VIES)	HER
<i>Aeschynomene sensitiva</i> Sw.	Cribari, R.S. & Assis, A.M. 43 (VIES)	HER/SUB
<i>Albizia polycephala</i> (Benth.) Killip ex Record	Freitas, V.C. 27 (VIES)	TRE
<i>Alysicarpus vaginalis</i> (L.) DC.	Cribari, R.S. <i>et al.</i> 131 (VIES)	HER
<i>Anadenanthera peregrina</i> (L.) Speg.	Silva, L.A. 478 (VIES)	SHR
<i>Andira fraxinifolia</i> Benth.	Cardoso, W.C. 259 (VIES)	TRE
<i>Bauhinia forficata</i> Link.	Cribari, R.S. <i>et al.</i> 84 (VIES)	TRE
<i>Centrosema brasilianum</i> (L.) Benth.	Cribari, R.S. & Assis, A.M. 68 (VIES)	CLI
<i>Centrosema virginianum</i> (L.) Benth.	Florenço, V.S. <i>et al.</i> 4 (VIES)	CLI
<i>Chamaecrista ensiformis</i> (Vell.) H.S.Irwin & Barneby	Menezes, B.D. <i>et al.</i> 14 (VIES)	SHR/TRE
<i>Chamaecrista nictitans</i> (L.) Moench	Vazzoler, C.B. <i>et al.</i> 6 (VIES)	SUB
<i>Chloroleucon extortum</i> Barneby & J.W.Grimes	Vago, A. <i>et al.</i> 14 (VIES)	SHR/TRE
<i>Copaifera lucens</i> Dwyer	Folli, D.A. 6566 (CVRD)	TRE
<i>Crotalaria incana</i> L.	Florenço, V.S. <i>et al.</i> 14 (VIES)	SUB



Table S1. Cont.

Family/Species	Voucher	Life-forms
<i>Crotalaria pallida</i> Aiton	Florenço, V.S. <i>et al.</i> 8 (VIES)	SUB
<i>Dalbergia brasiliensis</i> Vogel	Silva, L.A. <i>et al.</i> 329 (VIES)	SHR
<i>Dalbergia nigra</i> (Vell.) Allemão ex Benth. ^{VU(BR, ES)}	Gomes, J.M.L. 3676 (VIES)	TRE
<i>Deguelia costata</i> (Benth.) A.M.G.Azevedo & R.A.Camargo	Firmino, A.D. 6 (VIES)	TRE
<i>Desmodium adscendens</i> (Sw.) DC.	Vago, A. <i>et al.</i> 31 (VIES)	SUB
<i>Desmodium affine</i> Schltdl.	Florenço, V.S. <i>et al.</i> 7 (VIES)	SUB
<i>Desmodium barbatum</i> (L.) Benth.	Deus, Y.S. de 10 (VIES)	HER
<i>Desmodium incanum</i> (L.) Benth.	Florenço, V.S. <i>et al.</i> 9 (VIES)	SUB
<i>Goniorrhachis marginata</i> Taub.	Cribari, R.S. & Assis, A.M. 13 (VIES)	TRE
<i>Inga capitata</i> Desv.	Barros, P.H.D. <i>et al.</i> 208 (VIES)	TRE
<i>Inga edulis</i> Mart.	Silva, L.A. <i>et al.</i> 330 (VIES)	TRE
<i>Inga hispida</i> Schott ex Benth.	Firmino, A.D. <i>et al.</i> 16 (VIES)	SHR
<i>Inga marginata</i> Willd.	Folli, D.A. 6572 (VIES)	SHR/TRE
<i>Inga striata</i> Benth.	Assis, A.M. 2572 (VIES)	TRE
<i>Inga subnuda</i> Salzm. ex Benth.	Assis, A.M. <i>et al.</i> 2572 (VIES)	SHR/TRE
<i>Leucochloron incuriale</i> (Vell.) Barneby & J.W.Grimes	Folli, D.A. 6573 (VIES)	SHR/TRE
<i>Machaerium fulvovenosum</i> H.C.Lima ^{VU(ES)}	Vago, A. 4 (VIES)	TRE
<i>Machaerium robsonianum</i> Filardi & H.C.Lima	Filardi, F.L.R. 764 (RB)	TRE
<i>Mimosa debilis</i> Humb. & Bonpl. ex Willd. **	Botelho, R.M. <i>et al.</i> 101 (VIES)	SUB
<i>Mimosa pudica</i> L.	Firmino, A.D. <i>et al.</i> 9 (VIES)	HER
<i>Myrocarpus frondosus</i> Allemão	Assis, A.M. <i>et al.</i> 2335 (VIES)	TRE
<i>Parapiptadenia pterosperma</i> (Benth.) Brenan	Botelho, R.M. <i>et al.</i> 108 (VIES)	TRE
<i>Pseudopiptadenia contorta</i> (DC.) G.P.Lewis & M.P.Lima	Freitas, V.C. 20 (VIES)	TRE
<i>Senegalia tenuifolia</i> (L.) Britton & Rose	Santos, R. <i>et al.</i> 46 (VIES)	CLI
<i>Senna macranthera</i> (DC. ex Collad.) H.S.Irwin & Barneby	Assis, A.M. <i>et al.</i> 2546 (VIES)	SHR/TRE
<i>Senna multijuga</i> (Rich.) H.S.Irwin & Barneby	Silva, L.A. <i>et al.</i> 328 (VIES)	SHR/TRE
<i>Swartzia apetala</i> Raddi	Cribari, R.S. & Assis, A.M. 53 (VIES)	SHR/TRE
<i>Swartzia myrtifolia</i> Sm.	Cardoso, W.C. 220 (VIES)	SHR/TRE
<i>Swartzia simplex</i> (Sw.) Spreng.	Gomes, J.M.L. & Dutra, S. 4602 (VIES)	TRE
<i>Zornia reticulata</i> Sm.	Florenço, V.S. <i>et al.</i> 11 (VIES)	HER
Gesneriaceae		
<i>Nematanthus crassifolius</i> (Schott) Wiehler	Cardoso, W.C. 22 (VIES)	SUB
<i>Sinningia aghensis</i> Chautems ^{EN(BR), VU(ES)}	Gomes, J.M.L. 3551 (VIES)	HER
<i>Sinningia brasiliensis</i> (Regel & Schmidt) Wiehler & Chautems	Barros, P.H.D. <i>et al.</i> 9 (VIES)	HER
<i>Sinningia sceptrum</i> (Mart.) Wiehler	Firmino, A.D. <i>et al.</i> 2 (VIES)	HER/SUB
<i>Sinningia villosa</i> Lindl. ^{EN(BR, ES)}	Assis, A.M. & Cribari, R.S. 2680 (VIES)	HER
<i>Vanhouttea calcarata</i> Lem.	Pereira, O.J. 7736 (VIES)	SHR
Heliconiaceae		
<i>Heliconia angusta</i> Vell. ^{VU(ES)}	Gomes, J.M.L. 3663 (VIES)	HER
Hypericaceae		
<i>Vismia brasiliensis</i> Choisy	Assis, A.M. <i>et al.</i> 2536 (VIES)	SHR/TRE
<i>Vismia pentagyna</i> (Spreng.) Ewan	Barros, P.H.D. 143 (HUEFS)	SHR/TRE
Hypoxidaceae		
<i>Hypoxis decumbens</i> L.	Barros, P.H.D. <i>et al.</i> 158 (VIES)	HER
Lamiaceae		
<i>Aegiphila integrifolia</i> (Jacq.) Moldenke	Barros, P.H.D. 148 (HUEFS)	SHR/TRE
<i>Marsypianthes chamaedrys</i> (Vahl) Kuntze	Santos, R. <i>et al.</i> 5 (VIES)	HER/SUB
Lauraceae		
<i>Endlicheria paniculata</i> (Spreng.) J.F.Macbr.	Menezes, B.D. <i>et al.</i> 21 (VIES)	SHR/TRE
<i>Ocotea aniboides</i> (Meisn.) Mez	Cribari, R.S. & Assis, A.M. 115 (MBML)	SHR
<i>Phyllostemonodaphne geminiflora</i> (Mez) Kosterm.	Menezes, B.H. <i>et al.</i> 47 (MBML)	TRE
<i>Urbanodendron verrucosum</i> (Nees) Mez	Cribari, R.S. <i>et al.</i> 139 (MBML)	TRE
Lecythidaceae		
<i>Cariniana estrellensis</i> (Raddi) Kuntze	Cribari, R.S. <i>et al.</i> 79 (VIES)	TRE
<i>Cariniana ianeirensis</i> R.Knuth ^{EN(BR), CR(ES)}	Menezes, B.D. <i>et al.</i> 48 (VIES)	TRE
<i>Cariniana legalis</i> (Mart.) Kuntze ^{EN(BR, ES)}	Santos, R. <i>et al.</i> 6 (VIES)	TRE



Table S1. Cont.

Family/Species	Voucher	Life-forms
<i>Lecythis lurida</i> (Miers) S.A.Mori	Botelho, R.M. <i>et al.</i> 121 (VIES)	TRE
<i>Lecythis pisonis</i> Cambess.	Cribari, R.S. <i>et al.</i> 93 (VIES)	TRE
Lentibulariaceae		
<i>Utricularia longifolia</i> Gardner	Pirani, J.R. 177 (SPF)	HER
Loganiaceae		
<i>Spigelia laurina</i> Cham. & Schltdl.	Barros, P.H.D. <i>et al.</i> 134 (VIES)	HER
Malpighiaceae		
<i>Amorimia maritima</i> (A.Juss.) W.R.Anderson	Assis, A.M. <i>et al.</i> 2342 (VIES)	CLI
<i>Bunchosia macilentia</i> Dobson ^{VU(BR, ES)}	Cribari, R.S. <i>et al.</i> 144 (VIES)	TRE
<i>Byrsonima crassifolia</i> (L.) Kunth	Folli, D.A. 6593 (CVRD)	TRE
<i>Carolus chlorocarpus</i> (A.Juss.) W.R.Anderson	Barros, P.H.D. <i>et al.</i> 131 (VIES)	CLI
<i>Diplopterys pubipetala</i> (A.Juss.) W.R.Anderson & C.C.Davis	Barros, P.H.D. <i>et al.</i> 212 (VIES)	CLI
<i>Heteropterys nitida</i> (Lam.) DC.	Barros, P.H.D. & Silva, L.A. 290 (VIES)	CLI
<i>Heteropterys nordestina</i> Amorim	Assis, A.M. <i>et al.</i> 2559 (VIES)	CLI
<i>Heteropterys sericea</i> (Cav.) A.Juss.	Barros, P.H.D. <i>et al.</i> 29 (VIES)	CLI
<i>Mascagnia sepium</i> (A.Juss.) Griseb.	Barros, P.H.D. & Iglesias, D.T. 127 (VIES)	CLI
<i>Niedenzuella acutifolia</i> (Cav.) W.R.Anderson	Assis, A.M. <i>et al.</i> 2537 (VIES)	CLI
<i>Niedenzuella poeppigiana</i> (A.Juss.) W.R.Anderson ^{VU(ES)}	Cardoso, W.C. 252 (VIES)	CLI
<i>Stigmaphyllon acuminatum</i> A.Juss.	Cribari, R.S. & Assis, A.M. 24 (VIES)	CLI
<i>Stigmaphyllon lalandianum</i> A.Juss.	Assis, A.M. <i>et al.</i> 2548 (VIES)	CLI
Malvaceae		
<i>Ceiba pubiflora</i> (A.St.-Hil.) K.Schum.	Cribari, R.S. & Assis, A.M. 61 (VIES)	TRE
<i>Guazuma crinita</i> Mart. **	Menezes, B.D. <i>et al.</i> 4 (VIES)	TRE
<i>Malvastrum coromandelianum</i> Garcke	Firmino, A.D. <i>et al.</i> 64 (VIES)	HER
<i>Pachira glabra</i> Pasq.	Cribari, R.S. <i>et al.</i> 146 (VIES)	TRE
<i>Pavonia fruticosa</i> (Mill.) Fawc. & Rendle **	Vago, A. <i>et al.</i> 28 (VIES)	SUB
<i>Pavonia makoyana</i> E.Morren	Firmino, A.D. <i>et al.</i> 81 (VIES)	SHR
<i>Pavonia malacophylla</i> (Link & Otto) Garcke	Firmino, A.D. <i>et al.</i> 97 (VIES)	SHR
<i>Pavonia multiflora</i> A.St.-Hil. ^{VU(ES)}	Assis, A.M. <i>et al.</i> 2334 (VIES)	SHR
<i>Pavonia sepium</i> A.St.-Hil.	Firmino, A.D. <i>et al.</i> 72 (VIES)	SUB
<i>Pavonia sidifolia</i> Kunth	Firmino, A.D. <i>et al.</i> 58 (VIES)	SUB
<i>Pseudobombax grandiflorum</i> (Cav.) A.Robyns	Firmino, A.D. <i>et al.</i> 31 (VIES)	TRE
<i>Sida cordifolia</i> L.	Vago, A. <i>et al.</i> 34 (VIES)	SUB
<i>Sida linifolia</i> Cav.	Firmino, A.D. <i>et al.</i> 62 (VIES)	HER
<i>Sida planicaulis</i> Cav.	Firmino, A.D. <i>et al.</i> 45 (VIES)	SUB
<i>Sida plumosa</i> Cav.	Firmino, A.D. <i>et al.</i> 102 (VIES)	SUB
<i>Sida rhombifolia</i> L.	Firmino, A.D. <i>et al.</i> 52 (VIES)	SHR
<i>Sida spinosa</i> L. **	Firmino, A.D. <i>et al.</i> 106 (VIES)	SUB
<i>Sida urens</i> L.	Firmino, A.D. & Barros, P.H.D. 94 (VIES)	SUB
<i>Sidastrum micranthum</i> (A.St.-Hil.) Fryxell	Firmino, A.D. <i>et al.</i> 80 (VIES)	SUB
<i>Sidastrum multiflorum</i> (Jacq.) Fryxell	Firmino, A.D. <i>et al.</i> 53 (VIES)	SUB
<i>Sidastrum paniculatum</i> (L.) Fryxell	Firmino, A.D. <i>et al.</i> 98 (VIES)	SUB
<i>Spirabutilon citrinum</i> Krapov. *	Pirani, J.R. 166 (SPF)	SHR
<i>Triumfetta rhomboidea</i> Jacq. **	Firmino, A.D. & Barros, P.H.D. 95 (VIES)	SUB
<i>Triumfetta semitriloba</i> Jacq.	Firmino, A.D. <i>et al.</i> 76 (VIES)	SUB
<i>Waltheria indica</i> L.	Firmino, A.D. <i>et al.</i> 56 (VIES)	SUB
<i>Waltheria maritima</i> A.St.-Hil.	Barros, P.H.D. <i>et al.</i> 198 (VIES)	SUB
<i>Wissadula amplissima</i> (L.) R.E.Fr.	Firmino, A.D. & Barros, P.H.D. 96 (VIES)	SUB
<i>Wissadula contracta</i> (Link) R.E.Fr.	Firmino, A.D. <i>et al.</i> 100 (VIES)	SUB
Marantaceae		
<i>Goeppertia aemula</i> (Körn.) Borchs. & S. Suárez	Assis, A.M. <i>et al.</i> 2331 (MBML)	HER
<i>Goeppertia eichleri</i> (Petersen) Borchs. & S. Suárez	Vago, A.M. <i>et al.</i> 20 (MBML)	HER
<i>Goeppertia truncata</i> (Link ex A. Dietr.) Borchs. & S. Suárez	Gomes, J.M.L. 3524 (VIES)	HER
<i>Goeppertia vaginata</i> (Petersen) Borchs. & S. Suárez	Barros, P.H.D. 117 (VIES)	HER
<i>Goeppertia zebrina</i> (Sims) Nees	Assis, A.M. <i>et al.</i> 2340 (MBML)	HER
<i>Ischnosiphon gracilis</i> (Rudge) Körn.	Cribari, R.S. & Assis, A.M. 122 (MBML)	HER



Table S1. Cont.

Family/Species	Voucher	Life-forms
<i>Maranta protracta</i> Miq.	Cribari, R.S. et al. 98 (HPL)	HER
<i>Maranta rupicola</i> L. Andersson	Cribari, R.S. et al. 145 (MBML)	HER
<i>Stromanthe schottiana</i> Eichler	Barros, P.H.D. 180 (VIES)	HER
Melastomataceae		
<i>Bertolonia duasbocaensis</i> Bacci & R.Goldenb. * CR(ES)	Iglesias, D.T. & Cardoso, W.C. 94 (VIES)	HER
<i>Cambessedesia eichleri</i> Cogn.	Barros, P.H.D. 108 (VIES)	SUB
<i>Clidemia hirta</i> (L.) D.Don	Assis, A.M. et al. 2538 (VIES)	SHR
<i>Clidemia urceolata</i> DC.	Iglesias, D.T. 76 (VIES)	SHR
<i>Huberia mestrealvarensis</i> (D.T.Iglesias & R.Goldenb.) Bochner & Michelang. * CR(ES)	Iglesias, D.T. & Cardoso, W.C. 98 (VIES)	SHR
<i>Huberia ovalifolia</i> DC.	Iglesias, D.T. 158 (VIES)	TRE
<i>Leandra capilliflora</i> (Naudin) Reginato	Iglesias, D.T. & Cardoso, W.C. 91 (VIES)	SHR
<i>Leandra ionopogon</i> (Mart.) Cogn.	Barros, P.H.D. 105 (VIES)	SHR
<i>Leandra melastomoides</i> Raddi	Barros, P.H.D. 103 (VIES)	SHR/TRE
<i>Leandra reversa</i> (DC.) Cogn. VU(ES)	Assis, A.M. et al. 2543 (MBML)	SUB/SHR
<i>Leandra triantha</i> E.Camargo & R.Goldenb. *	Iglesias, D.T. & Cardoso, W.C. 85 (VIES)	SHR
<i>Leandra variabilis</i> Raddi	Iglesias, D.T. & Cardoso, W.C. 87 (VIES)	SHR/TRE
<i>Miconia albicans</i> (Sw.) Triana	Iglesias, D.T. et al. 46 (VIES)	SHR/TRE
<i>Miconia atlantica</i> Caddah & R.Goldenb.	Iglesias, D.T. & Cardoso, W.C. 89 (VIES)	TRE
<i>Miconia calvescens</i> DC.	Iglesias, D.T. 12 (VIES)	SHR/TRE
<i>Miconia fasciculata</i> Gardner	Iglesias, D.T. & Cardoso, W.C. 95 (VIES)	TRE
<i>Miconia flammea</i> Casar.	Iglesias, D.T. & Cardoso, W.C. 92 (VIES)	TRE
<i>Miconia latecrenata</i> (DC.) Naudin	Iglesias, D.T. et al. 50 (VIES)	SHR/TRE
<i>Miconia mirabilis</i> (Aubl.) L.O.Williams	Iglesias, D.T. & Barros, P.H.D. 17 (VIES)	SHR/TRE
<i>Miconia nervosa</i> (Sm.) Triana	Iglesias, D.T. 152 (VIES)	SHR/TRE
<i>Miconia paniculata</i> (DC.) Naudin	Iglesias, D.T. et al. 45 (VIES)	SHR/TRE
<i>Miconia prasina</i> (Sw.) DC.	Iglesias, D.T. 19 (VIES)	SHR/TRE
<i>Mouriri arborea</i> Gardner	Botelho, R.M. et al. 69 (VIES) (VIES)	TRE
<i>Ossaea amygdaloides</i> (DC.) Triana	Iglesias, D.T. & Cardoso, W.C. 88 (VIES)	SUB/SHR
<i>Pleroma heteromallum</i> D. Don (D.Don)	Botelho, R.M. et al. 32 (VIES)	SHR
<i>Tibouchina estrellensis</i> (Raddi) Cogn.	Iglesias, D.T. 97 (VIES)	TRE
<i>Tibouchina radula</i> Markgr.	Menezes, B.D. et al. 35 (VIES)	SHR
Meliaceae		
<i>Trichilia casaretti</i> C.DC.	Botelho, R.M. et al. 88 (VIES)	TRE
<i>Trichilia elegans</i> A.Juss.	Botelho, R.M. et al. 100 (VIES)	SHR/TRE
<i>Trichilia hirta</i> L.	Cribari, R.S. & Assis, A.M. 56 (VIES)	TRE
<i>Trichilia pallens</i> C.DC.	Menezes, B.D. et al. 7 (VIES)	SHR
Menispermaceae		
<i>Chondrodendron platyphyllum</i> (A.St.-Hil.) Miers	Botelho, R.M. et al. 7 (VIES)	CLI
<i>Odontocarya vitis</i> (Vell.) J.M.A.Braga	Assis, A.M. et al. 2595 (VIES)	CLI
Menyanthaceae		
<i>Nymphoides humboldtiana</i> (Kunh) Kuntze	Cribari, R.S. et al. 99 (VIES)	HER
Molluginaceae		
<i>Mollugo verticillata</i> L.	Assis, A.M. & Cribari, R. S. 2697 (VIES)	HER
Monimiaceae		
<i>Macrotorus utriculatus</i> (Mart.) Perkins	Cribari, R.S. & Assis, A.M. 51 (VIES)	SHR/TRE
<i>Mollinedia lamprophylla</i> Perkins NT(BR)	Assis, A.M. & Cribari, R.S. 2689 (VIES)	TRE
Moraceae		
<i>Dorstenia elata</i> Hook.	Cribari, R.S. & Assis, A.M. 14 (VIES)	HER
<i>Ficus clusiifolia</i> Schott	Cribari, R.S. & Assis, A.M. 62 (VIES)	TRE
<i>Sorocea guilleminiana</i> Gaudich.	Folli, D.A. 6599 (CVRD)	SHR/TRE
<i>Sorocea hilarii</i> Gaudich.	Assis, A.M. et al. 2330 (VIES)	SHR/TRE
Myrtaceae		
<i>Calyptanthus aff. pauciflora</i> O.Berg	Cribari, R.S. et al. 105 (MBML)	SHR/TRE
<i>Eugenia bahiensis</i> DC.	Vago, A.M. et al. 27 (MBML)	SHR/TRE
<i>Eugenia brasiliensis</i> Lam.	Santos, R. et al. 3 (MBML)	SHR/TRE
<i>Eugenia longohypanthiata</i> Giaretta	Folli, D.A. 6594 (HUFJSJ)	SHR/TRE



Table S1. Cont.

Family/Species	Voucher	Life-forms
<i>Eugenia excelsa</i> O.Berg	Assis, A.M. <i>et al.</i> 2582 (MBML)	SHR/TRE
<i>Eugenia florida</i> DC. ^{VU(ES)}	Cribari, R.S. <i>et al.</i> 96 (MBML)	SHR/TRE
<i>Eugenia uniflora</i> L.	Santos, R. <i>et al.</i> 20 (VIES)	SHR/TRE
<i>Myrcia cerqueiria</i> (Nied.) E.Lucas & Sobral	Folli, D.A. 6564 (CVRD)	SHR/TRE
<i>Myrcia ilheosensis</i> Kiaersk.	Gomes, J.M.L. 3678 (VIES)	SHR/TRE
<i>Myrcia racemosa</i> (O.Berg) Kiaersk.	Folli, D.A. 6580 (CVRD)	SHR/TRE
<i>Myrcia splendens</i> (Sw.) DC.	Assis, A.M. <i>et al.</i> 2562 (MBML)	SHR/TRE
<i>Myrcia subsericea</i> A. Grey ^{VU(ES)}	Santos, R. <i>et al.</i> 61 (MBML)	SHR/TRE
<i>Myrciaria floribunda</i> (H.West ex Willd.) O.Berg	Gomes, J.M.L. & Dutra, S. 4600 (VIES)	SHR/TRE
<i>Myrciaria tenella</i> (DC.) O. Berg **	Gomes, J.M.L. 3527 (VIES)	SHR/TRE
<i>Psidium myrtilloides</i> O.Berg	Botelho, R.M. <i>et al.</i> 99 (MBML)	SHR/TRE
Nyctaginaceae		
<i>Guapira opposita</i> (Vell.) Reitz	Gomes, J.M.L. 3516 (VIES)	SHR/TRE
<i>Ramisia brasiliensis</i> Oliv.	Botelho, R.M. <i>et al.</i> 14 (VIES)	TRE
Olacaceae		
<i>Diospyros brasiliensis</i> Mart. ex Miq. **	Santos, R. <i>et al.</i> 36 (MBML)	TRE
Onagraceae		
<i>Ludwigia octovalvis</i> (Jacq.) P.H.Raven	Cribari, R.S. <i>et al.</i> 101 (VIES)	HER/SUB/SHR
Orchidaceae		
<i>Acianthera auriculata</i> (Lindl.) Pridgeon & M.W.Chase ^{VU(ES)}	Guiard, J. 9401 (MBML)	HER
<i>Acianthera purpureoviolacea</i> (Cogn.) F.Barros	Guiard, J. 9209 (MBML)	HER
<i>Aspidogyne hylibates</i> (Rchb.f.) Garay	Kollmann, L. & Cribari, R. 12210	HER
<i>Cattleya cernua</i> (Lindl.) Van den Berg ^{VU(ES)}	Cribari, R.S. & Assis, A.M. 28 (VIES)	HER
<i>Christensonella pumila</i> (Hook.) Szlach. <i>et al.</i>	Cardoso, W.C. <i>et al.</i> 233 (VIES)	HER
<i>Cyrtopodium glutiniferum</i> Raddi	Botelho, R.M. <i>et al.</i> 64 (VIES)	HER
<i>Dichaea elianae</i> Xim.Bols. *	Bolsanello, R.X. s.n. (MBML38218)	HER
<i>Epidendrum secundum</i> Jacq.	Gomes, J.M.L. <i>et al.</i> 3583 (VIES)	HER
<i>Gomesa pabstii</i> (Campacci & C.Espejo) M.W.Chase & N.H.Williams	Chiron 9406 (MBML)	HER
<i>Habenaria parviflora</i> Lindl.	Deus, Y.S. de s.n. (VIES13684)	HER
<i>Lankesterella aff. ceracifolia</i> (Barb.Rodr.) Mansf. ^{VU(ES)}	Guiard, J. 9223 (MBML)	HER
<i>Lockhartia lunifera</i> (Lindl.) Rchb.f.	Chiron 9396 (MBML)	HER
<i>Masdevallia infracta</i> Lindl.	Pirani, J.R. <i>et al.</i> 163 (SP)	HER
<i>Octomeria stellaris</i> Barb.Rodr.	Guiard, J. 9394 (MBML)	HER
<i>Oeceoclades maculata</i> (Lindl.) Lindl.	Botelho, R.M. <i>et al.</i> 3 (VIES)	HER
<i>Pabstiella trifida</i> (Lindl.) Luer	Pereira, O.J. <i>et al.</i> 2064 (VIES)	HER
<i>Pabstiella wawraeana</i> (Barb.Rodr.) Chiron & Xim.Bols.	Guiard, J. 9253 (MBML)	HER
<i>Polystachya concreta</i> (Jacq.) Garay & Sweet	Chiron 9392 (MBML)	HER
<i>Prescottia plantaginifolia</i> Lindl. ex Hook.	Menezes, B.D. <i>et al.</i> 32 (VIES)	HER
<i>Specklinia grobyi</i> (Batem. ex Lindl.) F.Barros	Cribari, R.S. & Assis, A.M. 76 (VIES)	HER
<i>Zygopetalum maculatum</i> (Kunth) Garay	Deus, Y.S. de 18 (VIES)	HER
Orobanchaceae		
<i>Esterhazyia splendida</i> J.C.Mikan	Pereira, O.J. 7746 (VIES)	HER/SUB/SHR
Passifloraceae		
<i>Passiflora alata</i> Curtis	Assis, A.M. <i>et al.</i> 2599 (VIES)	CLI
<i>Passiflora amethystina</i> J.C.Mikan	Assis, A.M. <i>et al.</i> 2326 (VIES)	CLI
<i>Passiflora edulis</i> Sims	Assis, A.M. <i>et al.</i> 2345 (VIES)	CLI
<i>Passiflora kermesina</i> Link & Otto	Barros, P.H.D. 181 (VIES)	CLI
<i>Passiflora miersii</i> Mast. ^{VU(ES)}	Kollmann, L. & Cribari, R. 12211 (MBML)	CLI
Peraceae		
<i>Pera anisotricha</i> Müll. Arg.	Gomes, J.M.L. 3691 (VIES)	TRE
Phyllanthaceae		
<i>Phyllanthus hypoleucus</i> Müll.Arg. ^{EN(ES)}	Pirani, J.R. <i>et al.</i> 167 (SP)	SUB
<i>Phyllanthus orbiculatus</i> Rich.	Pereira, O.J. 7735 (VIES)	HER/SUB
Phytolaccaceae		
<i>Gallesia integrifolia</i> (Spreng.) Harms	Botelho, R.M. <i>et al.</i> 11 (VIES)	TRE
<i>Petiveria alliacea</i> L.	Botelho, R.M. <i>et al.</i> 20 (VIES)	HER/SUB



Table S1. Cont.

Family/Species	Voucher	Life-forms
<i>Phytolacca thyrsoiflora</i> Fenzl. ex J.A.Schmidt	Cribari, R.S. <i>et al.</i> 103 (VIES)	HER/SUB
<i>Rivina humilis</i> L.	Botelho, R.M. <i>et al.</i> 46 (VIES)	HER
Picramniaceae		
<i>Picramnia bahiensis</i> Turcz.	Botelho, R.M. <i>et al.</i> 79 (VIES)	SHR
<i>Picramnia ramiflora</i> Planch.	Folli, D.A. 6575 (CVRD)	TRE
Piperaceae		
<i>Peperomia arifolia</i> Miq.	Vago, A. <i>et al.</i> 51 (VIES)	HER
<i>Peperomia magnoliifolia</i> (Jacq.) A.Dietr.	Sarnaglia-Júnior, V.B. & Valadares, R.T. 382 (VIES)	HER
<i>Peperomia martiana</i> Miq. **	Sarnaglia-Júnior, V.B. 271 (VIES)	HER
<i>Peperomia obtusifolia</i> (L.) A.Dietr.	Pereira, O.J. 2066 (VIES)	HER
<i>Peperomia pereirae</i> Yunck. ^{VU(ES)}	Sarnaglia-Júnior, V.B. <i>et al.</i> 221 (VIES)	HER
<i>Peperomia pseudoestrellensis</i> C.DC.	Sarnaglia-Júnior, V.B. 280 (VIES)	HER
<i>Peperomia rubricaulis</i> (Nees) A.Dietr.	Barros, P.H.D. & Iglesias, D.T. 163 (VIES)	HER
<i>Peperomia tetraphylla</i> (G.Forst.) Hook. & Arn.	Barros, P.H.D. 107 (VIES)	HER
<i>Peperomia urocarpa</i> Fisch. & C.A.Mey.	Sarnaglia-Júnior, V.B. <i>et al.</i> 227 (VIES)	HER
<i>Piper aduncum</i> L.	Sarnaglia-Júnior, V.B. <i>et al.</i> 219 (VIES)	SHR
<i>Piper amalago</i> L.	Botelho, R.M. <i>et al.</i> 104 (VIES)	SHR
<i>Piper amplum</i> Kunth	Sarnaglia-Júnior, V.B. 424 (VIES)	SHR
<i>Piper anisum</i> (Spreng.) Angely	Menezes, B.D. <i>et al.</i> 54 (VIES)	SUB
<i>Piper arboreum</i> Aubl.	Barros, P.H.D. <i>et al.</i> 153 (VIES)	SHR
<i>Piper coccoloboides</i> Kunth	Sarnaglia-Júnior, V.B. <i>et al.</i> 377 (VIES)	SHR
<i>Piper divaricatum</i> G.Mey.	Cribari, R.S. & Assis, A.M. 67 (VIES)	SHR
<i>Piper hayneanum</i> C.DC.	Sarnaglia-Júnior, V.B. 268 (VIES)	SUB
<i>Piper jubimarginatum</i> Yunck. ^{VU(ES)}	Sarnaglia-Júnior, V.B. <i>et al.</i> 380 (VIES)	SHR
<i>Piper klotzschianum</i> (Kunth) C.DC.	Assis, A.M. <i>et al.</i> 2339 (VIES)	SHR
<i>Piper mollicomum</i> Kunth	Barros, P.H.D. <i>et al.</i> 155 (VIES)	SHR
<i>Piper pubisubmarginatum</i> Yunck.	Barros, P.H.D. <i>et al.</i> 138 (VIES)	SHR
<i>Piper richardiifolium</i> Kunth	Sarnaglia-Júnior, V.B. <i>et al.</i> 385 (VIES)	SHR
<i>Piper umbellatum</i> L.	Barros, P.H.D. <i>et al.</i> 100 (VIES)	SUB
<i>Piper vicosanum</i> Yunck.	Sarnaglia-Júnior, V.B. <i>et al.</i> 215 (VIES)	SHR
<i>Piper xylostoides</i> (Kunth) Steud.	Pirani, J.R. 173 (SPF)	SHR
Plantaginaceae		
<i>Achetaria azurea</i> (Linden) V.C.Souza ^{VU(ES)}	Deus, Y.S. de 15 (VIES)	HER/SUB/SHR
<i>Achetaria platychila</i> (Radlk.) V.C.Souza	Pereira, O.J. 7745 (VIES)	HER/SUB/SHR
<i>Scoparia dulcis</i> L.	Cribari, R.S. <i>et al.</i> 141 (VIES)	HER/SUB
Plumbaginaceae		
<i>Plumbago scandens</i> L. **	Vago, A. <i>et al.</i> 6 (VIES)	SUB/SHR
Poaceae		
<i>Axonopus graniticola</i> P.L. Viana ^{VU(ES)}	Gomes, J.M.L. 3541 (VIES)	HER
<i>Melinis repens</i> (Willd.) Zizka	Botelho, R.M. <i>et al.</i> 28 (VIES)	HER
<i>Olyra latifolia</i> L.	Assis, A.M. <i>et al.</i> 2589 (VIES)	HER
<i>Pharus latifolius</i> L.	Botelho, R.M. <i>et al.</i> 109 (VIES)	SUB
<i>Trichanthecium parvifolium</i> (Lam.) Zuloaga & Morrone	Deus, Y.S. de 3 (VIES)	HER
Polygalaceae		
<i>Caamembeca oxyphylla</i> (DC.) J.F.B.Pastore	Cribari, R.S. & Assis, A.M. 66 (VIES)	SUB
<i>Gymnospora violoides</i> (A.St.-Hil. & Moq.)	Firmino, A.D. <i>et al.</i> 12 (VIES)	HER
<i>Polygala paniculata</i> L.	Assis, A.M. <i>et al.</i> 2558 (VIES)	HER/SUB
<i>Polygonum hydropiperoides</i> Michx.	Cribari, R.S. <i>et al.</i> 100 (VIES)	HER
Portulacaceae		
<i>Portulaca hirsutissima</i> Cambess.	Botelho, R.M. <i>et al.</i> 27 (VIES)	HER
Primulaceae		
<i>Clavija spinosa</i> (Vell.) Mez	Botelho, R.M. <i>et al.</i> 25 (VIES)	SHR
<i>Myrsine lancifolia</i> Mart.	Assis, A.M. <i>et al.</i> 2574 (VIES)	SHR
<i>Myrsine umbellata</i> Mart.	Gomes, J.M.L. 3514 (VIES)	TRE
Rhamnaceae		
<i>Sarcomphalus platyphyllus</i> (Reissek) Hauenschild	Botelho, R.M. <i>et al.</i> 119 (VIES)	TRE



Table S1. Cont.

Family/Species	Voucher	Life-forms
<i>Sarcomphalus undulatus</i> (Reissek) Hauenschild **	Pirani, J.R. <i>et al.</i> 165A (IPA)	TRE
Rubiaceae		
<i>Borreria bradei</i> Standl. ^{VU(ES)}	Barros, P.H.D. <i>et al.</i> 140 (VIES)	HER/SUB
<i>Bradea brasiliensis</i> Standl.	Barros, P.H.D. 179 (HUEFS)	SHR
<i>Declieuxia fruticosa</i> (Willd. ex Roem. & Schult.) Kuntze	Vinha, P.C. 1163 (VIES)	SHR/SUB
<i>Diodia saponariifolia</i> (Cham. & Schltdl.) K.Schum.	Assis, A.M. & Cribari, R.S. 2670 (VIES)	SUB
<i>Emmeorrhiza umbellata</i> (Spreng.) K.Schum.	Barros, P.H.D. 110 (VIES)	HER
<i>Faramea axilliflora</i> DC.	Santos, R. & Vago, A.M. 68 (VIES)	SHR
<i>Hamelia patens</i> Jacq.	Silva, L.A. <i>et al.</i> 380b (VIES)	SHR
<i>Melanopsidium nigrum</i> Colla ^{VU(ES)}	Santos, R. <i>et al.</i> 50 (VIES)	SHR/TRE
<i>Palicourea fulgens</i> (Müll.Arg.) Standl. ^{VU(ES)}	Barros, P.H.D.109 (VIES)	SHR
<i>Palicourea guianensis</i> Aubl.	Iglesias, D.T. 31 (VIES)	SHR
<i>Posoqueria latifolia</i> (Rudge) Schult.	Cribari, R.S. & Assis, A.M.47 (VIES)	TRE
<i>Psychotria alto-macahensis</i> M. Gomes	Barros, P.H.D. 114 (VIES)	SHR
<i>Psychotria carthagenensis</i> Jacq.	s.c. (MBML6390)	SHR/TRE
<i>Psychotria cupularis</i> (Müll.Arg.) Standl.	Gomes, J.M.L. 3532 (VIES)	SHR
<i>Psychotria deflexa</i> DC.	Barros, P.H.D. <i>et al.</i> 152 (VIES)	SHR
<i>Psychotria leiocarpa</i> Cham. & Schltdl.	Barros, P.H.D. <i>et al.</i> 157 (VIES)	SHR
<i>Psychotria mapourioides</i> DC. **	Vinha, P.C. 1173 (VIES)	SHR/TRE
<i>Psychotria niveobarbata</i> (Müll.Arg.) Britton	Barros, P.H.D. <i>et al.</i> 144 (VIES)	SHR
<i>Randia armata</i> (Sw.) DC.	Santos, R. <i>et al.</i> 19 (VIES)	SHR/TRE/CLI
<i>Rudgea minor</i> (Cham.) Standl. ^{VU(ES)}	Botelho, R.M. <i>et al.</i> 113 (VIES)	SHR/TRE
<i>Rudgea mucronata</i> Müll.Arg. *	Botelho, R.M. <i>et al.</i> 91 (MBML)	SHR
Rutaceae		
<i>Conchocarpus punctatus</i> Kallunki	Santos, R. <i>et al.</i> 15 (MBML)	SHR
<i>Conchocarpus rubrus</i> (A.St.Hil.) Bruniera & Groppo	Santos, R. <i>et al.</i> 63 (MBML)	TRE
<i>Esenbeckia leiocarpa</i> Engl.	Cribari, R.S. <i>et al.</i> 136 (VIES)	TRE
<i>Neoraputia magnifica</i> (Engl.) Emmerich ex Kallunki	Vago, A.M. <i>et al.</i> 19 (MBML)	TRE
<i>Rauia resinosa</i> Nees & Mart.	Folli, D.A. 6565 (CVRD)	SHR/TRE
Salicaceae		
<i>Casearia sylvestris</i> Sw.	Cribari, R.S. & Assis, A.M. 40 (VIES)	SUB/SHR/TRE
<i>Macrothumia kuhlmannii</i> (Sleumer) M.H.Alford	Cribari, R.S. <i>et al.</i> 82 (VIES)	TRE
Santalaceae		
<i>Phoradendron coriaceum</i> Mart. ex Eichler	Botelho, R.M. <i>et al.</i> 103 (VIES)	HER
Sapindaceae		
<i>Cupania platycarpa</i> Radlk.	Botelho, R.M. <i>et al.</i> 102 (VIES)	TRE
<i>Paullinia carpopoda</i> Cambess.	Assis, A.M. <i>et al.</i> 2594 (VIES)	CLI
<i>Paullinia coriacea</i> Casar.	Botelho, R.M. <i>et al.</i> 73 (VIES)	CLI
<i>Paullinia ferruginea</i> Casar.	Assis, A.M. <i>et al.</i> 2547 (VIES)	CLI
<i>Paullinia pseudota</i> Radlk. **	Botelho, R.M. <i>et al.</i> 60 (VIES)	CLI
<i>Sapindus saponaria</i> L.	Cribari, R.S. & Assis, A.M. 60 (VIES)	TRE
<i>Serjania salzmänniana</i> Schltdl.	Assis, A.M. <i>et al.</i> 2549 (VIES)	CLI
<i>Serjania thoracoides</i> Radlk.	Menezes, B.D. <i>et al.</i> 18 (VIES)	CLI
Sapotaceae		
<i>Pouteria reticulata</i> (Engl.) Eyma	Gomes, J.M.L. & Dutra, S. 4587 (VIES)	TRE
<i>Pouteria venosa</i> (Mart.) Baehni	Assis, A.M. <i>et al.</i> 2564 (VIES)	TRE
<i>Sideroxylon obtusifolium</i> (Humb. ex Roem. & Schult.) T.D. Penn.	Vago, A. <i>et al.</i> 36 (VIES)	TRE
Solanaceae		
<i>Cestrum axillare</i> Vell.	Botelho, R.M. <i>et al.</i> 16 (VIES)	TRE
<i>Dyssochroma atlanticum</i> (Stehmann & Giacomini)	Assis, A.M. <i>et al.</i> 2328 (VIES)	SHR
A. Orejuela & C.I. Orozco		
<i>Solanum asperum</i> Rich.	Assis, A.M. <i>et al.</i> 2535 (VIES)	SUB
<i>Solanum caavurana</i> Vell.	Gomes, J.M.L. 3590 (VIES)	SHR
<i>Solanum diploconos</i> (Mart.) Bohs	Pirani, J.R. 191 (SP)	SHR
<i>Solanum luridifuscescens</i> Bitter	Pirani, J.R. 164 (SP)	SHR
<i>Solanum mauritianum</i> Scop.	Assis, A.M. <i>et al.</i> 2591 (VIES)	SHR



Table S1. Cont.

Family/Species	Voucher	Life-forms
<i>Solanum melissarum</i> Bohs	Pirani, J.R. 185 (SP)	SHR
<i>Solanum sooretamum</i> Carvalho	Gomes, J.M.L. 3697 (VIES)	SUB
<i>Solanum sublentum</i> Hiern	Assis, A.M. et al. 2580 (VIES)	SUB
Talinaceae		
<i>Talinum paniculatum</i> (Jacq.) Gaertn.	Botelho, R.M. et al. 29 (VIES)	HER
Trigonaceae		
<i>Trigonía eriosperma</i> (Lam.) Fromm & Santos	Botelho, R.M. et al. 48 (VIES)	TRE
<i>Trigonía simplex</i> Warmin. ^{VU(ES)}	Cribari, R.S. et al. 129 (VIES)	TRE
<i>Trigoniodendron spiritusanctense</i> E.F. Guim. & Miguel ^{VU(BR)}	Folli, D.A. 6574 (CVRD)	TRE
Typhaceae		
<i>Typha angustifolia</i> L.	Cribari, R.S. et al. 132 (VIES)	HER
Urticaceae		
<i>Cecropia hololeuca</i> Miq.	Vago, A. et al. 37 (VIES)	TRE
<i>Urera baccifera</i> (L.) Gaudich. ex Wedd	Assis, A.M. et al. 2324 (VIES)	SUB
Velloziaceae		
<i>Barbacenia mantiqueirae</i> Goethart & Henrard **	Deus, Y.S. de 19 (VIES)	HER
<i>Barbacenia spectabilis</i> L.B.Sm. & Ayensu ^{EN(BR)}	Cardoso, W.C. et al. 221 (VIES)	HER
<i>Vellozia variegata</i> Goethart & Henrard	Pereira, O.J. 2063 (VIES)	HER
Verbenaceae		
<i>Citharexylum myrianthum</i> Cham.	Botelho, R.M. et al. 123 (VIES)	TRE
<i>Lantana tiliaefolia</i> Cham.	Santos, R. et al. 4 (VIES)	SUB
<i>Lippia organoides</i> Kunth	Botelho, R.M. et al. 51 (VIES)	SHR
<i>Petrea volubilis</i> L.	Santos, R. et al. 26 (VIES)	CLI
Violaceae		
<i>Amphirrhox longifolia</i> (A.St.-Hil.) Spreng.	Cribari, R.S. & Assis, A.M. 50 (VIES)	TRE
<i>Anchietea pyrifolia</i> (Mart.) G.Don	Assis, A.M. et al. 2561 (VIES)	CLI
<i>Schweiggeria fruticosa</i> Spreng. ^{EN(ES)}	Folli, D.A. 6586 (CVRD)	SHR
Vitaceae		
<i>Cissus verticillata</i> (L.) Nicolson & C.E.Jarvis	Assis, A.M. et al. 2579 (VIES)	CLI
Zingiberaceae		
<i>Hedychium coronarium</i> J. Koenig	Vago, A. et al. 38 (VIES)	HER

