**SUPPLEMENTARY INFORMATION**

**TITLE:** Modeling Hotspots of Plant Diversity in New Guinea

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**Supplementary Material 1:** List of genera used in analysis with Test AUC scores and additional Figs.

**Supplementary Material 2:** List of genera with low AUC scores and fewer than 50 occurrences.

**Supplementary Material 3:** List of genera with too few occurrences to use in the model.

**SUPPLEMENTARY MATERIAL 1:** List of genera used in analysis with Test AUC scores and additional figures

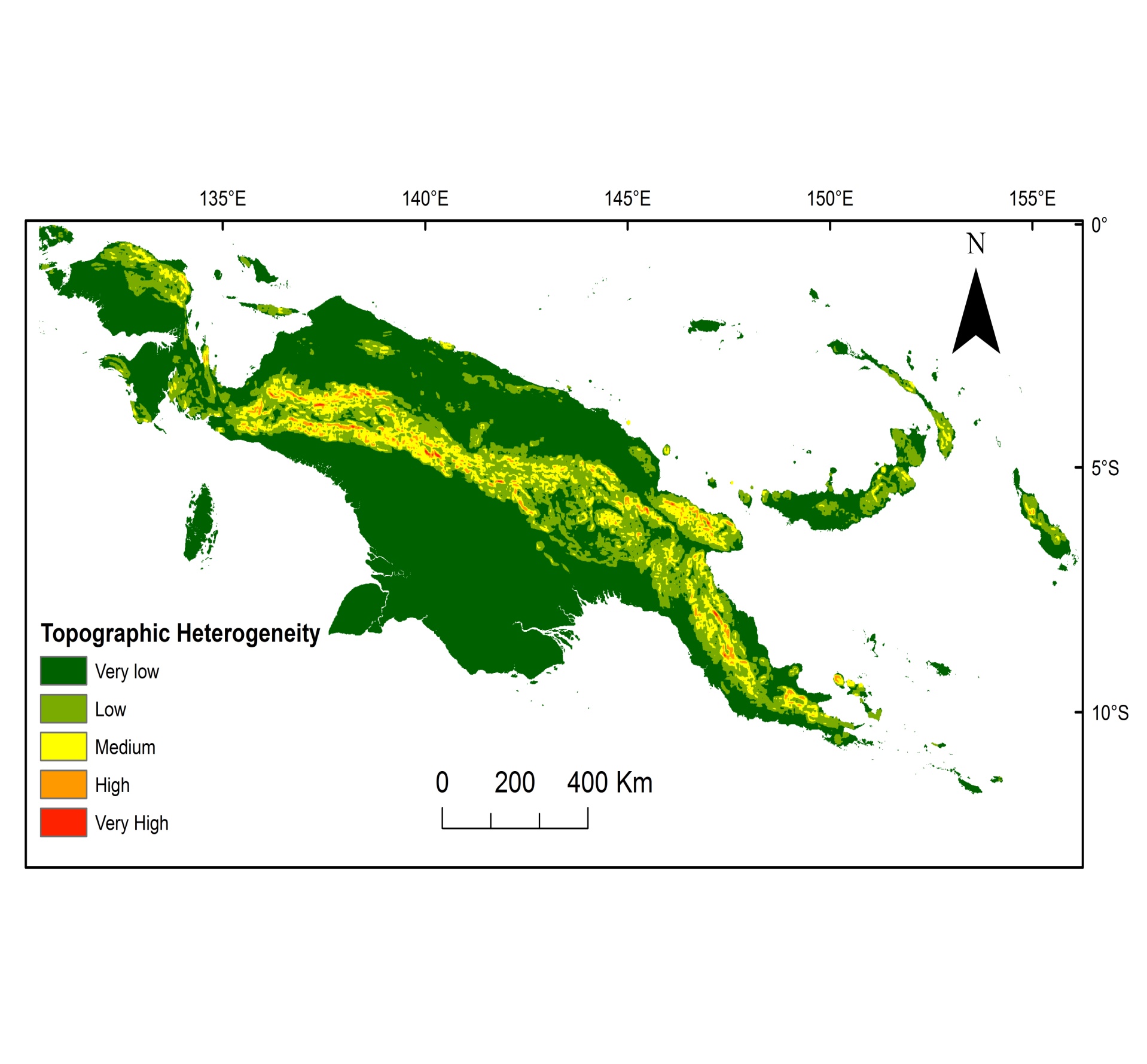


Figure 1.1. Topographic heterogeneity was derived using altitude layer at 1km spatial resolution and the ArcGIS toolbox SDMTools. Green colors represent lower topographic heterogeneity and warm colors represent more topographic heterogeneity. The projectin is in Albers Equal-area, WGS84.

Figure 1.2. The relationship between occurrences per genus and AUC scores, where hollow dots are genera with AUC scores less than 0.5 and black dots are genera with an AUC greater than 0.5.

Table 1.3. The average percentage of contribution for environmental variables used in the model.

|  |  |
| --- | --- |
| **Environmental Variable** | **Average % contribution** |
| Altitude | 28.1 |
| Temperature annual range | 6.2 |
| Slope (degrees) | 6.1 |
| Precipitation seasonality | 5.6 |
| Temperature seasonality | 5.4 |
| Sine of aspect | 4.9 |
| Cosine of aspect | 4.7 |
| Variance | 4.1 |
| Bulk density | 4.0 |
| Annual precipitation | 3.8 |
| Coarse fragmentation | 3.5 |
| Exposure | 3.0 |
| Uniformity | 2.8 |
| Precipitation of warmest quarter | 2.6 |
| Correlation | 2.5 |
| Cation exchange | 2.5 |
| Silt | 2.3 |
| Organic Carbon | 2.2 |
| Evenness | 2.1 |
| Soil pH | 2.0 |
| Clay | 1.7 |

Table 1.4. Summary and mean results for the genera used in the analyses

|  |  |  |
| --- | --- | --- |
|  | **Occurrences** | **Test AUC** |
| **Mean** | 63 | 0.6944 |
| **Standard deviation** | 73 | 0.1285 |
| **Most # of occurrences** | 766 | 0.9904 |
| **Least # of occurrences** | 10 | 0.4240 |
| **Total genera** | 1354 |  |
| **Total occurrences** | 85481 |  |

Table 1.5. Results for genera with test AUC scores greater than 0.5 and genera with test AUC scores less than 0.5 if occurrences were greater than 50.

|  |  |  |  |
| --- | --- | --- | --- |
| **Family** | **Genus** | **Occurrences after rarify, biases** | **Test AUC** |
| Acanthaceae | *Acanthus* | 25 | 0.7101 |
| Acanthaceae | *Avicennia* | 26 | 0.7682 |
| Acanthaceae | *Calophanoides* | 10 | 0.6981 |
| Acanthaceae | *Calycacanthus* | 59 | 0.6936 |
| Acanthaceae | *Dicliptera* | 27 | 0.6738 |
| Acanthaceae | *Eranthemum* | 12 | 0.5742 |
| Acanthaceae | *Graptophyllum* | 89 | 0.6054 |
| Acanthaceae | *Hemigraphis* | 96 | 0.6128 |
| Acanthaceae | *Hulemacanthus* | 32 | 0.6018 |
| Acanthaceae | *Hygrophila* | 23 | 0.7404 |
| Acanthaceae | *Jadunia* | 18 | 0.7185 |
| Acanthaceae | *Justicia* | 38 | 0.5844 |
| Acanthaceae | *Lepidagathis* | 34 | 0.61 |
| Acanthaceae | *Pseuderanthemum* | 29 | 0.6204 |
| Acanthaceae | *Ptyssiglottis* | 17 | 0.5196 |
| Acanthaceae | *Ruellia* | 16 | 0.5729 |
| Acanthaceae | *Rungia* | 45 | 0.7044 |
| Acanthaceae | *Staurogyne* | 10 | 0.5532 |
| Acanthaceae | *Thunbergia* | 14 | 0.5027 |
| Achariaceae | *Erythrospermum* | 38 | 0.7846 |
| Achariaceae | *Pangium* | 45 | 0.6311 |
| Achariaceae | *Trichadenia* | 22 | 0.5767 |
| Actinidiaceae | *Saurauia* | 373 | 0.5862 |
| Aizoaceae | *Sesuvium* | 13 | 0.7587 |
| Alangiaceae | *Alangium* | 30 | 0.56 |
| Amaranthaceae | *Achyranthes* | 20 | 0.7692 |
| Amaranthaceae | *Alternanthera* | 36 | 0.5924 |
| Amaranthaceae | *Amaranthus* | 26 | 0.6375 |
| Amaranthaceae | *Celosia* | 16 | 0.6005 |
| Amaranthaceae | *Cyathula* | 26 | 0.717 |
| Amaranthaceae | *Deeringia* | 22 | 0.5618 |
| Amaranthaceae | *Iresine* | 10 | 0.6606 |
| Anacardiaceae | *Buchanania* | 110 | 0.5937 |
| Anacardiaceae | *Campnosperma* | 52 | 0.5416 |
| Anacardiaceae | *Dracontomelon* | 40 | 0.5799 |
| Anacardiaceae | *Euroschinus* | 37 | 0.7652 |
| Anacardiaceae | *Evia* | 13 | 0.6291 |
| Anacardiaceae | *Mangifera* | 37 | 0.5309 |
| Anacardiaceae | *Pleiogynium* | 12 | 0.6184 |
| Anacardiaceae | *Rhus* | 65 | 0.5374 |
| Anacardiaceae | *Semecarpus* | 136 | 0.5974 |
| Anacardiaceae | *Spondias* | 28 | 0.6075 |
| Anastrophyllaceae | *Anastrophyllum* | 11 | 0.9759 |
| Anastrophyllaceae | *Chandonanthus* | 21 | 0.9294 |
| Anastrophyllaceae | *Plicanthus* | 30 | 0.9411 |
| Aneuraceae | *Aneura* | 12 | 0.8901 |
| Aneuraceae | *Riccardia* | 77 | 0.8354 |
| Annonaceae | *Artabotrys* | 13 | 0.5286 |
| Annonaceae | *Cananga* | 51 | 0.7053 |
| Annonaceae | *Cyathocalyx* | 67 | 0.6258 |
| Annonaceae | *Drepananthus* | 51 | 0.7402 |
| Annonaceae | *Goniothalamus* | 104 | 0.5626 |
| Annonaceae | *Haplostichanthus* | 49 | 0.6075 |
| Annonaceae | *Maasia* | 21 | 0.6728 |
| Annonaceae | *Oncodostigma* | 10 | 0.6561 |
| Annonaceae | *Phaeanthus* | 27 | 0.6079 |
| Annonaceae | *Polyalthia* | 117 | 0.6039 |
| Annonaceae | *Popowia* | 55 | 0.5902 |
| Annonaceae | *Pseuduvaria* | 98 | 0.6158 |
| Annonaceae | *Uvaria* | 39 | 0.5071 |
| Annonaceae | *Xylopia* | 52 | 0.5635 |
| Anthocerotaceae | *Anthoceros* | 26 | 0.8003 |
| Apiaceae | *Centella* | 27 | 0.782 |
| Apiaceae | *Chaerophyllum* | 38 | 0.9471 |
| Apiaceae | *Hydrocotyle* | 85 | 0.836 |
| Apiaceae | *Oenanthe* | 51 | 0.8534 |
| Apiaceae | *Oreomyrrhis* | 20 | 0.9505 |
| Apiaceae | *Trachymene* | 103 | 0.8653 |
| Apocynaceae | *Alstonia* | 116 | 0.503 |
| Apocynaceae | *Alyxia* | 142 | 0.5713 |
| Apocynaceae | *Anodendron* | 20 | 0.5377 |
| Apocynaceae | *Cerbera* | 94 | 0.589 |
| Apocynaceae | *Cryptolepis* | 15 | 0.593 |
| Apocynaceae | *Cynanchum* | 14 | 0.6818 |
| Apocynaceae | *Dischidia* | 50 | 0.6382 |
| Apocynaceae | *Heterostemma* | 14 | 0.6367 |
| Apocynaceae | *Hoya* | 223 | 0.5814 |
| Apocynaceae | *Ichnocarpus* | 54 | 0.5479 |
| Apocynaceae | *Lepiniopsis* | 19 | 0.7396 |
| Apocynaceae | *Marsdenia* | 90 | 0.514 |
| Apocynaceae | *Melodinus* | 99 | 0.5798 |
| Apocynaceae | *Micrechites* | 18 | 0.57 |
| Apocynaceae | *Neisosperma* | 13 | 0.6755 |
| Apocynaceae | *Ochrosia* | 69 | 0.6579 |
| Apocynaceae | *Parsonsia* | 167 | 0.5725 |
| Apocynaceae | *Tabernaemontana* | 122 | 0.6117 |
| Apocynaceae | *Toxocarpus* | 10 | 0.572 |
| Apocynaceae | *Voacanga* | 40 | 0.6725 |
| Apocynaceae | *Wrightia* | 23 | 0.7281 |
| Aquifoliaceae | *Ilex* | 133 | 0.6771 |
| Araceae | *Alocasia* | 65 | 0.5318 |
| Araceae | *Cryptocoryne* | 10 | 0.8235 |
| Araceae | *Cyrtosperma* | 40 | 0.6571 |
| Araceae | *Epipremnum* | 15 | 0.647 |
| Araceae | *Holochlamys* | 24 | 0.6422 |
| Araceae | *Homalomena* | 52 | 0.5746 |
| Araceae | *Pothos* | 66 | 0.6063 |
| Araceae | *Rhaphidophora* | 42 | 0.509 |
| Araceae | *Schismatoglottis* | 20 | 0.5679 |
| Araceae | *Scindapsus* | 13 | 0.5006 |
| Araceae | *Spathiphyllum* | 14 | 0.6337 |
| Araliaceae | *Gastonia* | 23 | 0.7933 |
| Araliaceae | *Harmsiopanax* | 60 | 0.8004 |
| Araliaceae | *Mackinlaya* | 73 | 0.5317 |
| Araliaceae | *Osmoxylon* | 115 | 0.5676 |
| Araliaceae | *Polyscias* | 172 | 0.6329 |
| Araliaceae | *Schefflera* | 264 | 0.538 |
| Araucariaceae | *Agathis* | 34 | 0.6332 |
| Araucariaceae | *Araucaria* | 50 | 0.6992 |
| Arecaceae | *Areca* | 59 | 0.6433 |
| Arecaceae | *Arenga* | 18 | 0.5872 |
| Arecaceae | *Brassiophoenix* | 14 | 0.665 |
| Arecaceae | *Calamus* | 166 | 0.4997 |
| Arecaceae | *Calyptrocalyx* | 90 | 0.5442 |
| Arecaceae | *Caryota* | 22 | 0.5763 |
| Arecaceae | *Cyrtostachys* | 21 | 0.5496 |
| Arecaceae | *Heterospathe* | 83 | 0.6349 |
| Arecaceae | *Hydriastele* | 102 | 0.4727 |
| Arecaceae | *Korthalsia* | 20 | 0.6242 |
| Arecaceae | *Licuala* | 71 | 0.6603 |
| Arecaceae | *Linospadix* | 24 | 0.64 |
| Arecaceae | *Livistona* | 18 | 0.5383 |
| Arecaceae | *Metroxylon* | 10 | 0.8108 |
| Arecaceae | *Orania* | 30 | 0.6137 |
| Arecaceae | *Ptychococcus* | 23 | 0.6395 |
| Arecaceae | *Ptychosperma* | 44 | 0.6939 |
| Arecaceae | *Rhopaloblaste* | 14 | 0.5663 |
| Aristolochiaceae | *Aristolochia* | 41 | 0.6968 |
| Asparagaceae | *Cordyline* | 117 | 0.5638 |
| Asparagaceae | *Dracaena* | 45 | 0.558 |
| *Aspleniaceae* | *Asplenium* | 517 | 0.535 |
| Aspleniaceae | *Diplora* | 44 | 0.5148 |
| Aspleniaceae | *Neottopteris* | 52 | 0.5896 |
| Asteliaceae | *Astelia* | 39 | 0.918 |
| Asteraceae | *Acmella* | 16 | 0.5504 |
| Asteraceae | *Adenostemma* | 18 | 0.7973 |
| Asteraceae | *Ageratum* | 46 | 0.5312 |
| Asteraceae | *Albizia* | 51 | 0.6947 |
| Asteraceae | *Anaphalioides* | 36 | 0.9579 |
| Asteraceae | *Anaphalis* | 32 | 0.9556 |
| Asteraceae | *Arrhenechthites* | 35 | 0.9078 |
| Asteraceae | *Bidens* | 36 | 0.6481 |
| Asteraceae | *Blumea* | 111 | 0.5628 |
| Asteraceae | *Chromolaena* | 16 | 0.7367 |
| Asteraceae | *Crassocephalum* | 44 | 0.5106 |
| Asteraceae | *Cyanthillium* | 23 | 0.6685 |
| Asteraceae | *Dichrocephala* | 52 | 0.793 |
| Asteraceae | *Eclipta* | 20 | 0.6572 |
| Asteraceae | *Elephantopus* | 10 | 0.5785 |
| Asteraceae | *Emilia* | 21 | 0.636 |
| Asteraceae | *Erechtites* | 14 | 0.5257 |
| Asteraceae | *Erigeron* | 69 | 0.7474 |
| Asteraceae | *Euchiton* | 48 | 0.9483 |
| Asteraceae | *Gnaphalium* | 15 | 0.9498 |
| Asteraceae | *Ischnea* | 16 | 0.9574 |
| Asteraceae | *Ixeridium* | 54 | 0.8934 |
| Asteraceae | *Keysseria* | 56 | 0.9086 |
| Asteraceae | *Lactuca* | 12 | 0.9278 |
| Asteraceae | *Lagenophora* | 27 | 0.8313 |
| Asteraceae | *Leptinella* | 10 | 0.9898 |
| Asteraceae | *Melanthera* | 39 | 0.6465 |
| Asteraceae | *Microglossa* | 43 | 0.7696 |
| Asteraceae | *Mikania* | 49 | 0.5054 |
| Asteraceae | *Olearia* | 118 | 0.9249 |
| Asteraceae | *Papuacalia* | 19 | 0.9748 |
| Asteraceae | *Pluchea* | 10 | 0.9761 |
| Asteraceae | *Senecio* | 44 | 0.8646 |
| Asteraceae | *Sigesbeckia* | 28 | 0.72 |
| Asteraceae | *Sonchus* | 14 | 0.9269 |
| Asteraceae | *Synedrella* | 14 | 0.5628 |
| Asteraceae | *Tetramolopium* | 34 | 0.9304 |
| Asteraceae | *Tridax* | 11 | 0.6764 |
| Asteraceae | *Vernonia* | 65 | 0.4691 |
| Asteraceae | *Xerochrysum* | 18 | 0.9011 |
| Asteraceae | *Youngia* | 16 | 0.6924 |
| Athyriaceae | *Callipteris* | 42 | 0.6711 |
| Athyriaceae | *Lunathyrium* | 22 | 0.8421 |
| Azollaceae | *Azolla* | 26 | 0.7497 |
| Balanophoraceae | *Balanophora* | 10 | 0.6709 |
| Balsaminaceae | *Impatiens* | 100 | 0.7187 |
| Bartramiaceae | *Breutelia* | 28 | 0.9274 |
| Bartramiaceae | *Philonotis* | 63 | 0.7445 |
| Begoniaceae | *Begonia* | 265 | 0.5828 |
| Begoniaceae | *Symbegonia* | 32 | 0.9079 |
| Bignoniaceae | *Deplanchea* | 12 | 0.8368 |
| Bignoniaceae | *Dolichandrone* | 11 | 0.6436 |
| Bignoniaceae | *Tecomanthe* | 95 | 0.6196 |
| Bixaceae | *Bixa* | 16 | 0.5496 |
| Blechnaceae | *Blechnum* | 223 | 0.6678 |
| Blechnaceae | *Diploblechnum* | 12 | 0.94 |
| Blechnaceae | *Doodia* | 12 | 0.7037 |
| Blechnaceae | *Stenochlaena* | 67 | 0.5197 |
| Boraginaceae | *Cordia* | 44 | 0.6405 |
| Boraginaceae | *Cynoglossum* | 40 | 0.8584 |
| Boraginaceae | *Heliotropium* | 18 | 0.6744 |
| Boraginaceae | *Myosotis* | 33 | 0.9166 |
| Boraginaceae | *Tournefortia* | 34 | 0.5105 |
| Boraginaceae | *Trigonotis* | 82 | 0.9015 |
| Brassicaceae | *Brassica* | 14 | 0.6928 |
| Brassicaceae | *Cardamine* | 68 | 0.8336 |
| Brassicaceae | *Nasturtium* | 12 | 0.8244 |
| Brassicaceae | *Rorippa* | 37 | 0.7711 |
| Bruchiaceae | *Trematodon* | 11 | 0.8722 |
| Bryaceae | *Brachymenium* | 28 | 0.8796 |
| Bryaceae | *Bryum* | 97 | 0.8461 |
| Bryaceae | *Gemmabryum* | 32 | 0.7951 |
| Bryaceae | *Leptostomum* | 16 | 0.9144 |
| Bryaceae | *Rhodobryum* | 41 | 0.8781 |
| Bryaceae | *Rosulabryum* | 18 | 0.8995 |
| Burmanniaceae | *Burmannia* | 57 | 0.6307 |
| Burseraceae | *Canarium* | 203 | 0.5584 |
| Burseraceae | *Garuga* | 21 | 0.5866 |
| Burseraceae | *Haplolobus* | 43 | 0.6244 |
| Burseraceae | *Protium* | 33 | 0.6461 |
| Calophyllaceae | *Calophyllum* | 151 | 0.5554 |
| Calymperaceae | *Arthrocormus* | 23 | 0.6331 |
| Calymperaceae | *Calymperes* | 56 | 0.6067 |
| Calymperaceae | *Exostratum* | 23 | 0.6894 |
| Calymperaceae | *Leucophanes* | 48 | 0.678 |
| Calymperaceae | *Mitthyridium* | 35 | 0.772 |
| Calymperaceae | *Syrrhopodon* | 62 | 0.641 |
| Campanulaceae | *Isotoma* | 12 | 0.8238 |
| Campanulaceae | *Lobelia* | 68 | 0.8061 |
| Campanulaceae | *Wahlenbergia* | 47 | 0.8289 |
| Cannabaceae | *Celtis* | 64 | 0.673 |
| Cannabaceae | *Gironniera* | 62 | 0.7025 |
| Cannabaceae | *Parasponia* | 44 | 0.6835 |
| Cannabaceae | *Trema* | 110 | 0.4723 |
| Capparaceae | *Capparis* | 58 | 0.6858 |
| Cleomaceae | *Cleome* | 17 | 0.7689 |
| Capparaceae | *Crateva* | 25 | 0.6517 |
| Caprifoliaceae | *Triplostegia* | 16 | 0.9207 |
| Cardiopteridaceae | *Cardiopteris* | 29 | 0.6561 |
| Caryophyllaceae | *Cerastium* | 55 | 0.9334 |
| Caryophyllaceae | *Drymaria* | 33 | 0.7556 |
| Caryophyllaceae | *Sagina* | 58 | 0.8811 |
| Caryophyllaceae | *Stellaria* | 16 | 0.9265 |
| Casuarinaceae | *Casuarina* | 57 | 0.5134 |
| Casuarinaceae | *Gymnostoma* | 86 | 0.5663 |
| Celastraceae | *Celastrus* | 34 | 0.746 |
| Celastraceae | *Loeseneriella* | 10 | 0.7732 |
| Celastraceae | *Perrotettia* | 70 | 0.7563 |
| Celastraceae | *Perrottetia* | 52 | 0.7205 |
| Celastraceae | *Salacia* | 43 | 0.5419 |
| Celastraceae | *Siphonodon* | 19 | 0.5724 |
| Celastraceae | *Stackhousia* | 20 | 0.7309 |
| Restionaceae | *Centrolepis* | 35 | 0.8908 |
| Restionaceae | *Gaimardia* | 14 | 0.8531 |
| Ceratophyllaceae | *Ceratophyllum* | 18 | 0.6144 |
| Cheiropleuriaceae | *Cheiropleuria* | 12 | 0.5654 |
| Chloranthaceae | *Ascarina* | 63 | 0.7458 |
| Chloranthaceae | *Chloranthus* | 81 | 0.6675 |
| Chloranthaceae | *Sarcandra* | 11 | 0.9125 |
| Chrysobalanaceae | *Atuna* | 25 | 0.6273 |
| Chrysobalanaceae | *Maranthes* | 48 | 0.6326 |
| Chrysobalanaceae | *Parastemon* | 13 | 0.5217 |
| Chrysobalanaceae | *Parinari* | 42 | 0.629 |
| Cleomaceae | *Arivela* | 12 | 0.7806 |
| Clusiaceae | *Garcinia* | 317 | 0.4753 |
| Clusiaceae | *Pentaphalangium* | 14 | 0.6659 |
| Combretaceae | *Combretum* | 37 | 0.6303 |
| Combretaceae | *Lumnitzera* | 24 | 0.7313 |
| Combretaceae | *Terminalia* | 214 | 0.56 |
| Commelinaceae | *Amischotolype* | 27 | 0.6698 |
| Commelinaceae | *Aneilema* | 11 | 0.5889 |
| Commelinaceae | *Belosynapsis* | 13 | 0.635 |
| Commelinaceae | *Floscopa* | 29 | 0.6191 |
| Commelinaceae | *Murdannia* | 29 | 0.5454 |
| Commelinaceae | *Pollia* | 40 | 0.6135 |
| Connaraceae | *Connarus* | 20 | 0.6443 |
| Connaraceae | *Rourea* | 14 | 0.6874 |
| Convolvulaceae | *Erycibe* | 44 | 0.6076 |
| Convolvulaceae | *Evolvulus* | 14 | 0.7138 |
| Convolvulaceae | *Ipomoea* | 71 | 0.5494 |
| Convolvulaceae | *Lepistemon* | 21 | 0.7178 |
| Convolvulaceae | *Merremia* | 49 | 0.6898 |
| Coriariaceae | *Coriaria* | 21 | 0.7586 |
| Myssaceae | *Mastixia* | 38 | 0.7287 |
| Corsiaceae | *Corsia* | 31 | 0.7793 |
| Corynocarpaceae | *Corynocarpus* | 27 | 0.5468 |
| Costaceae | *Cheilocostus* | 36 | 0.5777 |
| Costaceae | *Tapeinochilos* | 34 | 0.5518 |
| Cryphaeaceae | *Schoenobryum* | 11 | 0.8423 |
| Crypteroniaceae | *Crypteronia* | 11 | 0.6542 |
| Cucurbitaceae | *Cucumis* | 12 | 0.6139 |
| Cucurbitaceae | *Diplocyclos* | 12 | 0.6504 |
| Cucurbitaceae | *Gynostemma* | 17 | 0.773 |
| Cucurbitaceae | *Luffa* | 12 | 0.6885 |
| Cucurbitaceae | *Melothria* | 25 | 0.6438 |
| Cucurbitaceae | *Momordica* | 24 | 0.5357 |
| Cucurbitaceae | *Mukia* | 12 | 0.8001 |
| Cucurbitaceae | *Neoachmandra* | 20 | 0.8644 |
| Cucurbitaceae | *Neoalsomitra* | 17 | 0.7363 |
| Cucurbitaceae | *Pilogyne* | 10 | 0.7812 |
| Cucurbitaceae | *Trichosanthes* | 67 | 0.5975 |
| Cucurbitaceae | *Urceodiscus* | 20 | 0.8903 |
| Cucurbitaceae | *Zehneria* | 51 | 0.6968 |
| Cunoniaceae | *Acsmithia* | 24 | 0.6015 |
| Cunoniaceae | *Aistopetalum* | 16 | 0.5264 |
| Cunoniaceae | *Caldcluvia* | 168 | 0.7386 |
| Cunoniaceae | *Ceratopetalum* | 31 | 0.6186 |
| Cunoniaceae | *Gillbeea* | 14 | 0.5952 |
| Cunoniaceae | *Opocunonia* | 59 | 0.7747 |
| Cunoniaceae | *Pullea* | 48 | 0.7333 |
| Cunoniaceae | *Schizomeria* | 140 | 0.6656 |
| Cunoniaceae | *Spiraeanthemum* | 24 | 0.7679 |
| Cunoniaceae | *Spiraeopsis* | 87 | 0.835 |
| Cunoniaceae | *Weinmannia* | 71 | 0.6451 |
| Cupressaceae | *Papuacedrus* | 113 | 0.8261 |
| Cyatheaceae | *Cyathea* | 421 | 0.6095 |
| Cyatheaceae | *Dicksonia* | 89 | 0.7897 |
| Cyatheaceae | *Plagiogyria* | 54 | 0.8851 |
| Cycadaceae | *Cycas* | 67 | 0.6389 |
| Cyperaceae | *Bulbostylis* | 27 | 0.7808 |
| Cyperaceae | *Carex* | 171 | 0.8307 |
| Cyperaceae | *Carpha* | 24 | 0.9557 |
| Cyperaceae | *Cyperus* | 203 | 0.5572 |
| Cyperaceae | *Eleocharis* | 74 | 0.6469 |
| Cyperaceae | *Fimbristylis* | 171 | 0.5275 |
| Cyperaceae | *Fuirena* | 22 | 0.6705 |
| Cyperaceae | *Gahnia* | 47 | 0.7923 |
| Cyperaceae | *Hypolytrum* | 40 | 0.5031 |
| Cyperaceae | *Isolepis* | 35 | 0.8737 |
| Cyperaceae | *Kyllinga* | 50 | 0.6081 |
| Cyperaceae | *Lipocarpha* | 36 | 0.7028 |
| Cyperaceae | *Machaerina* | 44 | 0.7597 |
| Cyperaceae | *Mapania* | 51 | 0.5968 |
| Cyperaceae | *Oreobolus* | 37 | 0.9168 |
| Cyperaceae | *Paramapania* | 34 | 0.5242 |
| Cyperaceae | *Pycreus* | 61 | 0.7021 |
| Cyperaceae | *Rhynchospora* | 71 | 0.424 |
| Cyperaceae | *Schoenoplectiella* | 33 | 0.6477 |
| Cyperaceae | *Schoenus* | 81 | 0.7793 |
| Cyperaceae | *Scirpus* | 32 | 0.7732 |
| Cyperaceae | *Scleria* | 104 | 0.5635 |
| Cyperaceae | *Trichophorum* | 17 | 0.8454 |
| Cyperaceae | *Uncinia* | 28 | 0.9332 |
| Cyrtopodaceae | *Bescherellia* | 17 | 0.9022 |
| Daphniphyllaceae | *Daphniphyllum* | 98 | 0.8641 |
| Datiscaceae | *Octomeles* | 40 | 0.6415 |
| Datiscaceae | *Tetrameles* | 10 | 0.7073 |
| Davalliaceae | *Davallia* | 241 | 0.5988 |
| Davalliaceae | *Davallodes* | 44 | 0.8595 |
| Davalliaceae | *Humata* | 186 | 0.6004 |
| Davalliaceae | *Leucostegia* | 23 | 0.5517 |
| Davalliaceae | *Scyphularia* | 18 | 0.7319 |
| Dendrocerotaceae | *Megaceros* | 15 | 0.6479 |
| Dennstaedtiaceae | *Dennstaedtia* | 136 | 0.6713 |
| Dennstaedtiaceae | *Histiopteris* | 66 | 0.81 |
| Dennstaedtiaceae | *Hypolepis* | 49 | 0.8712 |
| Dennstaedtiaceae | *Lindsaea* | 349 | 0.5343 |
| Dennstaedtiaceae | *Microlepia* | 78 | 0.6442 |
| Dennstaedtiaceae | *Odontosoria* | 74 | 0.6154 |
| Dennstaedtiaceae | *Orthiopteris* | 16 | 0.597 |
| Dennstaedtiaceae | *Pteridium* | 52 | 0.7562 |
| Dichapetalaceae | *Dichapetalum* | 62 | 0.599 |
| Dicksoniaceae | *Calochlaena* | 47 | 0.779 |
| Dicranaceae | *Atractylocarpus* | 12 | 0.9653 |
| Dicranaceae | *Braunfelsia* | 19 | 0.9512 |
| Dicranaceae | *Campylopodium* | 15 | 0.8298 |
| Dicranaceae | *Campylopus* | 90 | 0.8968 |
| Dicranaceae | *Cryptodicranum* | 51 | 0.85 |
| Dicranaceae | *Dicranella* | 11 | 0.9151 |
| Dicranaceae | *Dicranoloma* | 188 | 0.7584 |
| Dicranaceae | *Dicranum* | 16 | 0.9749 |
| Dicranaceae | *Holomitrium* | 18 | 0.8841 |
| Dicranaceae | *Leucobryum* | 82 | 0.7086 |
| Dicranaceae | *Leucoloma* | 11 | 0.9621 |
| Dicranaceae | *Octoblepharum* | 29 | 0.7106 |
| Dilleniaceae | *Dillenia* | 132 | 0.5535 |
| Dilleniaceae | *Tetracera* | 18 | 0.5031 |
| Dioscoreaceae | *Dioscorea* | 87 | 0.5106 |
| Dioscoreaceae | *Tacca* | 15 | 0.6914 |
| Dipteridaceae | *Dipteris* | 75 | 0.6625 |
| Dipterocarpaceae | *Anisoptera* | 49 | 0.7299 |
| Dipterocarpaceae | *Hopea* | 57 | 0.7019 |
| Dipterocarpaceae | *Vatica* | 43 | 0.7268 |
| Ditrichaceae | *Ditrichum* | 18 | 0.7147 |
| Droseraceae | *Drosera* | 30 | 0.6756 |
| Drynariaceae | *Aglaomorpha* | 68 | 0.5643 |
| Dryopteridaceae | *Arachniodes* | 40 | 0.748 |
| Dryopteridaceae | *Bolbitis* | 76 | 0.6037 |
| Dryopteridaceae | *Ctenitis* | 25 | 0.8127 |
| Dryopteridaceae | *Didymochlaena* | 37 | 0.6285 |
| Dryopteridaceae | *Dryopolystichum* | 15 | 0.705 |
| Dryopteridaceae | *Dryopteris* | 96 | 0.8069 |
| Dryopteridaceae | *Elaphoglossum* | 117 | 0.7122 |
| Dryopteridaceae | *Lastreopsis* | 17 | 0.7729 |
| Dryopteridaceae | *Lomagramma* | 55 | 0.6355 |
| Dryopteridaceae | *Polystichum* | 113 | 0.7758 |
| Dryopteridaceae | *Rumohra* | 17 | 0.9492 |
| Dryopteridaceae | *Stenolepia* | 40 | 0.9212 |
| Dryopteridaceae | *Teratophyllum* | 30 | 0.5783 |
| Dumortieraceae | *Dumortiera* | 31 | 0.7044 |
| Ebenaceae | *Diospyros* | 206 | 0.5361 |
| Elaeagnaceae | *Elaeagnus* | 17 | 0.5416 |
| Elaeocarpaceae | *Aceratium* | 131 | 0.5315 |
| Elaeocarpaceae | *Dubouzetia* | 34 | 0.6034 |
| Elaeocarpaceae | *Elaeocarpus* | 415 | 0.494 |
| Elaeocarpaceae | *Sericolea* | 105 | 0.8632 |
| Elaeocarpaceae | *Sloanea* | 203 | 0.5323 |
| Entodontaceae | *Entodon* | 28 | 0.9248 |
| Entodontaceae | *Erythrodontium* | 11 | 0.7827 |
| Entodontaceae | *Mesonodon* | 21 | 0.9613 |
| Epacridaceae | *Acrothamnus* | 71 | 0.9326 |
| Epacridaceae | *Leucopogon* | 38 | 0.9402 |
| Epacridaceae | *Styphelia* | 61 | 0.9104 |
| Epacridaceae | *Trochocarpa* | 67 | 0.9232 |
| Equisetaceae | *Equisetum* | 83 | 0.6882 |
| Ericaceae | *Agapetes* | 48 | 0.9242 |
| Ericaceae | *Decatoca* | 11 | 0.9222 |
| Ericaceae | *Dimorphanthera* | 331 | 0.7709 |
| Ericaceae | *Diplycosia* | 90 | 0.8488 |
| Ericaceae | *Gaultheria* | 98 | 0.8922 |
| Ericaceae | *Paphia* | 20 | 0.9594 |
| Ericaceae | *Rhododendron* | 458 | 0.7947 |
| Ericaceae | *Vaccinium* | 314 | 0.7569 |
| Eriocaulaceae | *Eriocaulon* | 121 | 0.7533 |
| Erythroxylaceae | *Erythroxylum* | 27 | 0.5623 |
| Escalloniaceae | *Carpodetus* | 106 | 0.804 |
| Escalloniaceae | *Polyosma* | 164 | 0.7135 |
| Escalloniaceae | *Quintinia* | 91 | 0.8615 |
| Euphorbiaceae | *Acalypha* | 94 | 0.5984 |
| Euphorbiaceae | *Alchornea* | 19 | 0.6813 |
| Euphorbiaceae | *Aleurites* | 21 | 0.7324 |
| Euphorbiaceae | *Aporusa* | 14 | 0.5687 |
| Euphorbiaceae | *Blumeodendron* | 27 | 0.6606 |
| Euphorbiaceae | *Claoxylon* | 211 | 0.5891 |
| Euphorbiaceae | *Cleidion* | 24 | 0.6077 |
| Euphorbiaceae | *Codiaeum* | 48 | 0.5576 |
| Euphorbiaceae | *Croton* | 58 | 0.5345 |
| Euphorbiaceae | *Endospermum* | 100 | 0.5899 |
| Euphorbiaceae | *Euphorbia* | 106 | 0.5639 |
| Euphorbiaceae | *Excoecaria* | 12 | 0.7501 |
| Euphorbiaceae | *Hancea* | 16 | 0.6535 |
| Euphorbiaceae | *Homalanthus* | 117 | 0.5727 |
| Euphorbiaceae | *Macaranga* | 368 | 0.5067 |
| Euphorbiaceae | *Mallotus* | 180 | 0.5805 |
| Euphorbiaceae | *Melanolepis* | 20 | 0.6829 |
| Euphorbiaceae | *Neoscortechinia* | 16 | 0.5808 |
| Euphorbiaceae | *Pimelodendron* | 85 | 0.6141 |
| Euphorbiaceae | *Shirakiopsis* | 12 | 0.7561 |
| Eupomatiaceae | *Eupomatia* | 31 | 0.7031 |
| Fabaceae | *Abrus* | 15 | 0.77 |
| Fabaceae | *Acacia* | 115 | 0.8341 |
| Fabaceae | *Adenanthera* | 32 | 0.6237 |
| Fabaceae | *Aeschynomene* | 20 | 0.7243 |
| Fabaceae | *Alysicarpus* | 20 | 0.6625 |
| Fabaceae | *Andira* | 11 | 0.6677 |
| Fabaceae | *Archidendron* | 139 | 0.5864 |
| Fabaceae | *Bauhinia* | 28 | 0.6079 |
| Fabaceae | *Caesalpinia* | 40 | 0.5628 |
| Fabaceae | *Cajanus* | 23 | 0.8063 |
| Fabaceae | *Calopogonium* | 13 | 0.5073 |
| Fabaceae | *Canavalia* | 28 | 0.7176 |
| Fabaceae | *Cassia* | 26 | 0.5486 |
| Fabaceae | *Chamaecrista* | 33 | 0.7226 |
| Fabaceae | *Codariocalyx* | 25 | 0.6978 |
| Fabaceae | *Crotalaria* | 140 | 0.6426 |
| Fabaceae | *Crudia* | 11 | 0.639 |
| Fabaceae | *Cynometra* | 26 | 0.5752 |
| Fabaceae | *Dalbergia* | 33 | 0.5888 |
| Fabaceae | *Dendrolobium* | 34 | 0.7244 |
| Fabaceae | *Derris* | 84 | 0.5964 |
| Fabaceae | *Desmodium* | 150 | 0.5337 |
| Fabaceae | *Entada* | 26 | 0.6465 |
| Fabaceae | *Erythrina* | 22 | 0.5133 |
| Fabaceae | *Falcataria* | 57 | 0.6779 |
| Fabaceae | *Glycine* | 15 | 0.707 |
| Fabaceae | *Hanslia* | 18 | 0.7004 |
| Fabaceae | *Hylodesmum* | 36 | 0.7983 |
| Fabaceae | *Indigofera* | 39 | 0.7345 |
| Fabaceae | *Inocarpus* | 32 | 0.609 |
| Fabaceae | *Intsia* | 53 | 0.7021 |
| Fabaceae | *Kingiodendron* | 17 | 0.7176 |
| Fabaceae | *Leucaena* | 11 | 0.5889 |
| Fabaceae | *Macropsychanthus* | 16 | 0.583 |
| Fabaceae | *Macroptilium* | 10 | 0.5048 |
| Fabaceae | *Maniltoa* | 84 | 0.6746 |
| Fabaceae | *Millettia* | 11 | 0.582 |
| Fabaceae | *Mimosa* | 27 | 0.773 |
| Fabaceae | *Mucuna* | 161 | 0.4871 |
| Fabaceae | *Ormocarpum* | 15 | 0.6187 |
| Fabaceae | *Paraserianthes* | 70 | 0.5926 |
| Fabaceae | *Phaseolus* | 12 | 0.6059 |
| Fabaceae | *Phylacium* | 25 | 0.5863 |
| Fabaceae | *Phyllodium* | 13 | 0.6381 |
| Fabaceae | *Pithecellobium* | 18 | 0.5207 |
| Fabaceae | *Pongamia* | 41 | 0.6024 |
| Fabaceae | *Pterocarpus* | 29 | 0.5857 |
| Fabaceae | *Pueraria* | 35 | 0.5787 |
| Fabaceae | *Pycnospora* | 15 | 0.7406 |
| Fabaceae | *Racosperma* | 10 | 0.8873 |
| Fabaceae | *Rhynchosia* | 16 | 0.706 |
| Fabaceae | *Schleinitzia* | 21 | 0.8133 |
| Fabaceae | *Senna* | 44 | 0.5935 |
| Fabaceae | *Serianthes* | 39 | 0.5908 |
| Fabaceae | *Smithia* | 13 | 0.6816 |
| Fabaceae | *Strongylodon* | 59 | 0.5244 |
| Fabaceae | *Stylosanthes* | 22 | 0.7041 |
| Fabaceae | *Tadehagi* | 12 | 0.7449 |
| Fabaceae | *Tephrosia* | 52 | 0.6764 |
| Fabaceae | *Trifolium* | 10 | 0.7549 |
| Fabaceae | *Uraria* | 22 | 0.6432 |
| Fabaceae | *Vigna* | 42 | 0.6258 |
| Fagaceae | *Castanopsis* | 110 | 0.6745 |
| Fagaceae | *Lithocarpus* | 217 | 0.5951 |
| Fissidentaceae | *Fissidens* | 87 | 0.8054 |
| Flacourtiaceae | *Itoa* | 14 | 0.7161 |
| Flacourtiaceae | *Osmelia* | 24 | 0.7154 |
| Flacourtiaceae | *Ryparosa* | 40 | 0.539 |
| Flagellariaceae | *Flagellaria* | 64 | 0.6467 |
| Frullaniaceae | *Frullania* | 146 | 0.7432 |
| Funariaceae | *Funaria* | 18 | 0.9232 |
| Gentianaceae | *Exacum* | 19 | 0.5524 |
| Gentianaceae | *Fagraea* | 265 | 0.5553 |
| Gentianaceae | *Gentiana* | 86 | 0.9256 |
| Gentianaceae | *Swertia* | 17 | 0.9243 |
| Geocalycaceae | *Lophocolea* | 31 | 0.8428 |
| Geocalycaceae | *Notoscyphus* | 11 | 0.8744 |
| Geocalycaceae | *Saccogynidium* | 15 | 0.8169 |
| Geraniaceae | *Geranium* | 39 | 0.94 |
| Gesneriaceae | *Aeschynanthus* | 193 | 0.6244 |
| Gesneriaceae | *Agalmyla* | 57 | 0.6546 |
| Gesneriaceae | *Boea* | 48 | 0.8034 |
| Gesneriaceae | *Cyrtandra* | 296 | 0.5802 |
| Gesneriaceae | *Dichrotrichum* | 17 | 0.6967 |
| Gesneriaceae | *Rhynchoglossum* | 13 | 0.8368 |
| Gesneriaceae | *Rhynchotechum* | 13 | 0.6873 |
| Gleicheniaceae | *Dicranopteris* | 94 | 0.497 |
| Gleicheniaceae | *Diplopterygium* | 28 | 0.8721 |
| Gleicheniaceae | *Gleichenia* | 136 | 0.7497 |
| Gleicheniaceae | *Sticherus* | 154 | 0.7228 |
| Gnetaceae | *Gnetum* | 188 | 0.5712 |
| Goodeniaceae | *Scaevola* | 120 | 0.5641 |
| Grammitidaceae | *Calymmodon* | 77 | 0.7889 |
| Grammitidaceae | *Ctenopterella* | 24 | 0.839 |
| Grammitidaceae | *Ctenopteris* | 210 | 0.6744 |
| Grammitidaceae | *Prosaptia* | 128 | 0.7732 |
| Grammitidaceae | *Tomophyllum* | 11 | 0.9226 |
| Grammitidaceae | *Xiphopteris* | 36 | 0.7473 |
| Gunneraceae | *Gunnera* | 72 | 0.8227 |
| Haloragaceae | *Gonocarpus* | 47 | 0.8061 |
| Haloragaceae | *Halorrhagis* | 25 | 0.8407 |
| Haloragaceae | *Myriophyllum* | 18 | 0.8566 |
| Hamamelidaceae | *Sycopsis* | 12 | 0.582 |
| Hanguanaceae | *Hanguana* | 10 | 0.7036 |
| Heliconiaceae | *Heliconia* | 23 | 0.5248 |
| Herbertaceae | *Herbertus* | 43 | 0.9417 |
| Hernandiaceae | *Hernandia* | 38 | 0.7076 |
| Himantandraceae | *Galbulimima* | 83 | 0.7779 |
| Hookeriaceae | *Callicostella* | 16 | 0.6839 |
| Hookeriaceae | *Chaetomitriopsis* | 14 | 0.9103 |
| Hookeriaceae | *Chaetomitrium* | 58 | 0.7715 |
| Hookeriaceae | *Cyathophorum* | 13 | 0.8394 |
| Hookeriaceae | *Cyclodictyon* | 11 | 0.7432 |
| Hookeriaceae | *Distichophyllum* | 27 | 0.7247 |
| Hookeriaceae | *Hypopterygium* | 28 | 0.8171 |
| Hookeriaceae | *Lopidium* | 21 | 0.8917 |
| Hydrangeaceae | *Dichroa* | 33 | 0.5347 |
| Hydrocharitaceae | *Blyxa* | 21 | 0.7572 |
| Hydrocharitaceae | *Najas* | 12 | 0.7023 |
| Hydrocharitaceae | *Vallisneria* | 16 | 0.6548 |
| Hylocomiaceae | *Macrothamnium* | 30 | 0.9177 |
| Hymenophyllaceae | *Abrodictyum* | 21 | 0.5687 |
| Hymenophyllaceae | *Cephalomanes* | 123 | 0.605 |
| Hymenophyllaceae | *Crepidomanes* | 139 | 0.582 |
| Hymenophyllaceae | *Hymenophyllum* | 264 | 0.6708 |
| Hymenophyllaceae | *Macroglena* | 26 | 0.6404 |
| Hymenophyllaceae | *Mecodium* | 46 | 0.7942 |
| Hymenophyllaceae | *Meringium* | 86 | 0.6883 |
| Hymenophyllaceae | *Microgonium* | 15 | 0.6635 |
| Hymenophyllaceae | *Microtrichomanes* | 31 | 0.6744 |
| Hymenophyllaceae | *Nesopteris* | 24 | 0.577 |
| Hymenophyllaceae | *Pleuromanes* | 44 | 0.7249 |
| Hymenophyllaceae | *Reediella* | 13 | 0.6811 |
| Hymenophyllaceae | *Selenodesmium* | 74 | 0.6893 |
| Hymenophyllaceae | *Trichomanes* | 234 | 0.5905 |
| Hymenophyllaceae | *Vandenboschia* | 37 | 0.5359 |
| Hypericaceae | *Hypericum* | 103 | 0.8837 |
| Hypnaceae | *Ctenidium* | 11 | 0.8582 |
| Hypnaceae | *Ectropothecium* | 89 | 0.6986 |
| Hypnaceae | *Elmeriobryum* | 10 | 0.9438 |
| Hypnaceae | *Isopterygium* | 15 | 0.5477 |
| Hypnaceae | *Vesicularia* | 18 | 0.7093 |
| Hypnodendraceae | *Hypnodendron* | 149 | 0.8231 |
| Hypoxidaceae | *Curculigo* | 28 | 0.537 |
| Cardiopteridaceae | *Citronella* | 26 | 0.5284 |
| Stemonuraceae | *Gomphandra* | 83 | 0.6458 |
| Cardiopteridaceae | *Gonocaryum* | 67 | 0.5774 |
| Stemonuraceae | *Medusanthera* | 62 | 0.6223 |
| Metteniusaceae | *Platea* | 57 | 0.587 |
| Icacinaceae | *Polyporandra* | 23 | 0.6476 |
| Icacinaceae | *Pseudobotrys* | 26 | 0.5949 |
| Icacinaceae | *Rhyticaryum* | 102 | 0.5648 |
| Stemonuraceae | *Stemonurus* | 32 | 0.6686 |
| Iridaceae | *Libertia* | 31 | 0.9506 |
| Isoetaceae | *Isoetes* | 17 | 0.9904 |
| Jackiellaceae | *Jackiella* | 18 | 0.9617 |
| Jamesoniellaceae | *Denotarisia* | 11 | 0.8758 |
| Jamesoniellaceae | *Jamesoniella* | 14 | 0.9618 |
| Jamesoniellaceae | *Syzygiella* | 18 | 0.9214 |
| Juglandaceae | *Engelhardia* | 33 | 0.5929 |
| Juglandaceae | *Engelhardtia* | 37 | 0.6627 |
| Juncaceae | *Juncus* | 75 | 0.9064 |
| Juncaceae | *Luzula* | 12 | 0.9511 |
| Jungermanniaceae | *Jungermannia* | 58 | 0.8658 |
| Lamiaceae | *Anisomeles* | 24 | 0.8295 |
| Lamiaceae | *Callicarpa* | 177 | 0.603 |
| Lamiaceae | *Clerodendrum* | 175 | 0.5392 |
| Lamiaceae | *Coleus* | 42 | 0.8468 |
| Lamiaceae | *Faradaya* | 68 | 0.5558 |
| Lamiaceae | *Gmelina* | 92 | 0.608 |
| Lamiaceae | *Hyptis* | 49 | 0.6103 |
| Lamiaceae | *Leucas* | 12 | 0.7847 |
| Lamiaceae | *Ocimum* | 31 | 0.5211 |
| Lamiaceae | *Petraeovitex* | 26 | 0.5065 |
| Lamiaceae | *Platostoma* | 10 | 0.8883 |
| Lamiaceae | *Plectranthus* | 138 | 0.6462 |
| Lamiaceae | *Pogostemon* | 45 | 0.5038 |
| Lamiaceae | *Premna* | 109 | 0.5875 |
| Lamiaceae | *Salvia* | 10 | 0.6048 |
| Lamiaceae | *Scutellaria* | 26 | 0.8343 |
| Lamiaceae | *Teijsmanniodendron* | 53 | 0.7255 |
| Lamiaceae | *Vitex* | 98 | 0.6759 |
| Lamiaceae | *Viticipremna* | 15 | 0.6973 |
| Lamiaceae | *Volkameria* | 18 | 0.7008 |
| Lauraceae | *Actinodaphne* | 59 | 0.6483 |
| Lauraceae | *Alseodaphne* | 11 | 0.6683 |
| Lauraceae | *Beilschmiedia* | 43 | 0.6337 |
| Lauraceae | *Cassytha* | 28 | 0.6492 |
| Lauraceae | *Cinnamomum* | 70 | 0.6213 |
| Lauraceae | *Cryptocarya* | 254 | 0.5388 |
| Lauraceae | *Endiandra* | 104 | 0.4868 |
| Lauraceae | *Litsea* | 240 | 0.5502 |
| Lauraceae | *Neolitsea* | 34 | 0.6911 |
| Lauraceae | *Phoebe* | 13 | 0.5366 |
| Lecythidaceae | *Barringtonia* | 143 | 0.5652 |
| Lecythidaceae | *Planchonia* | 33 | 0.6575 |
| Leeaceae | *Leea* | 162 | 0.6278 |
| Lejeuneaceae | *Acrolejeunea* | 32 | 0.7622 |
| Lejeuneaceae | *Caudalejeunea* | 19 | 0.7473 |
| Lejeuneaceae | *Cheilolejeunea* | 61 | 0.8504 |
| Lejeuneaceae | *Dendrolejeunea* | 17 | 0.6676 |
| Lejeuneaceae | *Drepanolejeunea* | 37 | 0.8589 |
| Lejeuneaceae | *Lejeunea* | 98 | 0.7932 |
| Lejeuneaceae | *Lepidolejeunea* | 14 | 0.7514 |
| Lejeuneaceae | *Lopholejeunea* | 46 | 0.7586 |
| Lejeuneaceae | *Mastigolejeunea* | 60 | 0.8387 |
| Lejeuneaceae | *Ptychanthus* | 28 | 0.8129 |
| Lejeuneaceae | *Pycnolejeunea* | 11 | 0.7314 |
| Lejeuneaceae | *Schiffneriolejeunea* | 25 | 0.7102 |
| Lejeuneaceae | *Spruceanthus* | 32 | 0.889 |
| Lejeuneaceae | *Thysananthus* | 69 | 0.7643 |
| Lembophyllaceae | *Camptochaete* | 13 | 0.8309 |
| Lentibulariaceae | *Utricularia* | 51 | 0.5623 |
| Lepicoleaceae | *Lepicolea* | 24 | 0.9088 |
| Lepidoziaceae | *Acromastigum* | 10 | 0.6231 |
| Lepidoziaceae | *Bazzania* | 75 | 0.8223 |
| Lepidoziaceae | *Kurzia* | 10 | 0.7055 |
| Lepidoziaceae | *Lepidozia* | 74 | 0.841 |
| Lepidoziaceae | *Telaranea* | 19 | 0.6866 |
| Linaceae | *Durandea* | 13 | 0.7884 |
| Linaceae | *Hugonia* | 50 | 0.5945 |
| Linderniaceae | *Lindernia* | 50 | 0.5163 |
| Lindsaeaceae | *Cystodium* | 24 | 0.5956 |
| Lindsaeaceae | *Sphenomeris* | 42 | 0.6177 |
| Lindsaeaceae | *Tapeinidium* | 97 | 0.6553 |
| Loganiaceae | *Geniostoma* | 109 | 0.6683 |
| Loganiaceae | *Mitrasacme* | 20 | 0.7222 |
| Loganiaceae | *Neuburgia* | 140 | 0.5547 |
| Loganiaceae | *Strychnos* | 50 | 0.585 |
| Lomariopsidaceae | *Lomariopsis* | 35 | 0.6501 |
| Lomariopsidaceae | *Nephrolepis* | 216 | 0.5372 |
| Lophocoleaceae | *Chiloscyphus* | 17 | 0.8834 |
| Lophocoleaceae | *Heteroscyphus* | 88 | 0.8112 |
| Lophopyxidaceae | *Lophopyxis* | 14 | 0.8993 |
| Loranthaceae | *Amyema* | 257 | 0.6691 |
| Loranthaceae | *Dactyliophora* | 15 | 0.554 |
| Loranthaceae | *Decaisnina* | 117 | 0.5125 |
| Loranthaceae | *Dendrophthoe* | 54 | 0.5819 |
| Loranthaceae | *Macrosolen* | 26 | 0.6622 |
| Loranthaceae | *Sogerianthe* | 39 | 0.6335 |
| Loxogrammaceae | *Loxogramme* | 117 | 0.6852 |
| Lycopodiaceae | *Huperzia* | 245 | 0.6331 |
| Lycopodiaceae | *Lycopodiella* | 123 | 0.5703 |
| Lycopodiaceae | *Lycopodium* | 283 | 0.7065 |
| Lygodiaceae | *Lygodium* | 141 | 0.5671 |
| Lythraceae | *Duabanga* | 25 | 0.5895 |
| Lythraceae | *Lagerstroemia* | 38 | 0.6732 |
| Lythraceae | *Sonneratia* | 36 | 0.7277 |
| Magnoliaceae | *Magnolia* | 63 | 0.662 |
| Malpighiaceae | *Ryssopterys* | 24 | 0.7078 |
| Malpighiaceae | *Stigmaphyllon* | 26 | 0.7637 |
| Malvaceae | *Abelmoschus* | 41 | 0.6444 |
| Malvaceae | *Abutilon* | 11 | 0.9028 |
| Malvaceae | *Althoffia* | 34 | 0.6125 |
| Malvaceae | *Bombax* | 13 | 0.7342 |
| Malvaceae | *Brachychiton* | 25 | 0.803 |
| Malvaceae | *Brownlowia* | 19 | 0.7183 |
| Malvaceae | *Colona* | 19 | 0.6449 |
| Malvaceae | *Commersonia* | 112 | 0.5493 |
| Malvaceae | *Corchorus* | 13 | 0.6988 |
| Malvaceae | *Gonystylus* | 15 | 0.5108 |
| Malvaceae | *Grewia* | 48 | 0.7502 |
| Malvaceae | *Gyrinops* | 26 | 0.7451 |
| Malvaceae | *Helicteres* | 10 | 0.7695 |
| Malvaceae | *Heritiera* | 34 | 0.5273 |
| Malvaceae | *Hibiscus* | 138 | 0.5334 |
| Malvaceae | *Kleinhovia* | 38 | 0.5722 |
| Malvaceae | *Melochia* | 54 | 0.5487 |
| Malvaceae | *Pimelea* | 18 | 0.8522 |
| Malvaceae | *Pterocymbium* | 15 | 0.5834 |
| Malvaceae | *Pterygota* | 15 | 0.7143 |
| Malvaceae | *Sida* | 84 | 0.6249 |
| Malvaceae | *Sterculia* | 162 | 0.5162 |
| Malvaceae | *Talipariti* | 81 | 0.6201 |
| Malvaceae | *Thespesia* | 85 | 0.6811 |
| Malvaceae | *Trichospermum* | 87 | 0.6051 |
| Malvaceae | *Triumfetta* | 66 | 0.6315 |
| Malvaceae | *Urena* | 62 | 0.5187 |
| Marantaceae | *Cominsia* | 29 | 0.6354 |
| Marantaceae | *Donax* | 54 | 0.6312 |
| Marantaceae | *Phrynium* | 54 | 0.529 |
| Marattiaceae | *Angiopteris* | 43 | 0.685 |
| Marattiaceae | *Marattia* | 139 | 0.6475 |
| Marattiaceae | *Ptisana* | 75 | 0.6458 |
| Marchantiaceae | *Marchantia* | 56 | 0.8181 |
| Mastigophoraceae | *Mastigophora* | 62 | 0.8753 |
| Melastomataceae | *Astronia* | 160 | 0.5778 |
| Melastomataceae | *Astronidium* | 81 | 0.6422 |
| Melastomataceae | *Beccarianthus* | 39 | 0.8526 |
| Melastomataceae | *Catanthera* | 15 | 0.6184 |
| Melastomataceae | *Conostegia* | 17 | 0.7199 |
| Melastomataceae | *Dissochaeta* | 25 | 0.6026 |
| Melastomataceae | *Medinilla* | 312 | 0.5563 |
| Melastomataceae | *Melastoma* | 167 | 0.527 |
| Melastomataceae | *Memecylon* | 83 | 0.5074 |
| Melastomataceae | *Miconia* | 11 | 0.6724 |
| Melastomataceae | *Osbeckia* | 40 | 0.7709 |
| Melastomataceae | *Otanthera* | 22 | 0.6209 |
| Melastomataceae | *Poikilogyne* | 105 | 0.6736 |
| Melastomataceae | *Pternandra* | 17 | 0.5596 |
| Meliaceae | *Aglaia* | 368 | 0.5566 |
| Meliaceae | *Amoora* | 30 | 0.5011 |
| Meliaceae | *Aphanamixis* | 80 | 0.6235 |
| Meliaceae | *Chisocheton* | 188 | 0.5842 |
| Meliaceae | *Dysoxylum* | 303 | 0.5204 |
| Meliaceae | *Toona* | 18 | 0.5563 |
| Meliaceae | *Vavaea* | 63 | 0.5316 |
| Meliaceae | *Xylocarpus* | 21 | 0.7396 |
| Menispermaceae | *Hypserpa* | 25 | 0.57 |
| Menispermaceae | *Legnephora* | 10 | 0.7446 |
| Menispermaceae | *Parabaena* | 16 | 0.647 |
| Menispermaceae | *Pycnarrhena* | 14 | 0.6165 |
| Menispermaceae | *Tinospora* | 19 | 0.546 |
| Menyanthaceae | *Nymphoides* | 22 | 0.6651 |
| Meteoriaceae | *Aerobryopsis* | 40 | 0.836 |
| Meteoriaceae | *Aerobryum* | 11 | 0.8744 |
| Meteoriaceae | *Barbellopsis* | 19 | 0.9124 |
| Meteoriaceae | *Cryptopapillaria* | 15 | 0.8335 |
| Meteoriaceae | *Dicladdiella* | 19 | 0.8819 |
| Meteoriaceae | *Floribundaria* | 90 | 0.8546 |
| Meteoriaceae | *Meteoriopsis* | 39 | 0.8488 |
| Meteoriaceae | *Meteorium* | 74 | 0.8698 |
| Meteoriaceae | *Papillaria* | 15 | 0.922 |
| Metzgeriaceae | *Metzgeria* | 50 | 0.8724 |
| Mniaceae | *Orthomnion* | 11 | 0.6991 |
| Mniaceae | *Plagiomnium* | 18 | 0.9404 |
| Monimiaceae | *Dryadodaphne* | 53 | 0.7745 |
| Monimiaceae | *Kairoa* | 10 | 0.6544 |
| Monimiaceae | *Kibara* | 165 | 0.5862 |
| Monimiaceae | *Levieria* | 101 | 0.7406 |
| Monimiaceae | *Palmeria* | 119 | 0.8198 |
| Monimiaceae | *Steganthera* | 126 | 0.5635 |
| Moraceae | *Antiaris* | 21 | 0.5312 |
| Moraceae | *Antiaropsis* | 38 | 0.7074 |
| Moraceae | *Artocarpus* | 112 | 0.5101 |
| Moraceae | *Ficus* | 766 | 0.4963 |
| Moraceae | *Maclura* | 27 | 0.6184 |
| Moraceae | *Streblus* | 83 | 0.711 |
| Moraceae | *Trophis* | 23 | 0.7675 |
| Myristicaceae | *Endocomia* | 27 | 0.7111 |
| Myristicaceae | *Gymnacranthera* | 99 | 0.5883 |
| Myristicaceae | *Horsfieldia* | 254 | 0.5669 |
| Myristicaceae | *Myristica* | 444 | 0.5092 |
| Myristicaceae | *Virola* | 12 | 0.5917 |
| Myrsinaceae | *Conandrium* | 110 | 0.596 |
| Myrsinaceae | *Moesa* | 103 | 0.6546 |
| Myrsinaceae | *Rapanea* | 228 | 0.7685 |
| Myrsinaceae | *Tapeinosperma* | 13 | 0.6681 |
| Myrtaceae | *Asteromyrtus* | 33 | 0.9529 |
| Myrtaceae | *Corymbia* | 95 | 0.8888 |
| Myrtaceae | *Decaspermum* | 210 | 0.6167 |
| Myrtaceae | *Eucalyptopsis* | 22 | 0.7095 |
| Myrtaceae | *Eucalyptus* | 123 | 0.7448 |
| Myrtaceae | *Eugenia* | 238 | 0.5076 |
| Myrtaceae | *Kania* | 51 | 0.772 |
| Myrtaceae | *Lophostemon* | 15 | 0.8417 |
| Myrtaceae | *Mearnsia* | 14 | 0.7819 |
| Myrtaceae | *Melaleuca* | 94 | 0.8779 |
| Myrtaceae | *Metrosideros* | 72 | 0.645 |
| Myrtaceae | *Myrtella* | 13 | 0.8172 |
| Myrtaceae | *Octamyrtus* | 92 | 0.6582 |
| Myrtaceae | *Rhodamnia* | 76 | 0.6181 |
| Myrtaceae | *Rhodomyrtus* | 113 | 0.5813 |
| Myrtaceae | *Syzygium* | 733 | 0.4872 |
| Myrtaceae | *Tristaniopsis* | 12 | 0.8046 |
| Myrtaceae | *Uromyrtus* | 19 | 0.7205 |
| Myrtaceae | *Welchiodendron* | 14 | 0.9218 |
| Myrtaceae | *Xanthomyrtus* | 130 | 0.8685 |
| Myrtaceae | *Xanthostemon* | 23 | 0.8904 |
| Neckeraceae | *Himantocladium* | 38 | 0.6977 |
| Neckeraceae | *Homaliodendron* | 64 | 0.8586 |
| Neckeraceae | *Neckeropsis* | 40 | 0.6021 |
| Neckeraceae | *Pinnatella* | 25 | 0.6845 |
| Nepenthaceae | *Nepenthes* | 101 | 0.5774 |
| Nephrolepidaceae | *Arthropteris* | 45 | 0.5815 |
| Nothofagaceae | *Nothofagus* | 175 | 0.8419 |
| Notothyladaceae | *Phaeoceros* | 13 | 0.8703 |
| Nyctaginaceae | *Boerhavia* | 19 | 0.7321 |
| Nyctaginaceae | *Ceodes* | 14 | 0.5995 |
| Nyctaginaceae | *Pisonia* | 117 | 0.5683 |
| Nymphaeaceae | *Nymphaea* | 21 | 0.8249 |
| Ochnaceae | *Schuurmansia* | 126 | 0.6227 |
| Oleaceae | *Chionanthus* | 109 | 0.5743 |
| Oleaceae | *Jasminum* | 95 | 0.6445 |
| Oleaceae | *Ligustrum* | 17 | 0.9069 |
| Oleandraceae | *Oleandra* | 101 | 0.553 |
| Onagraceae | *Epilobium* | 107 | 0.8831 |
| Onagraceae | *Ludwigia* | 71 | 0.6086 |
| Ophioglossaceae | *Botrychium* | 17 | 0.9328 |
| Ophioglossaceae | *Helminthostachys* | 45 | 0.7715 |
| Ophioglossaceae | *Ophioderma* | 29 | 0.6573 |
| Ophioglossaceae | *Ophioglossum* | 111 | 0.6329 |
| Opiliaceae | *Cansjera* | 10 | 0.8454 |
| Opiliaceae | *Opilia* | 12 | 0.7042 |
| Orchidaceae | *Acanthephippium* | 11 | 0.709 |
| Orchidaceae | *Acriopsis* | 17 | 0.6536 |
| Orchidaceae | *Aglossorrhyncha* | 21 | 0.7032 |
| Orchidaceae | *Agrostophyllum* | 140 | 0.6497 |
| Orchidaceae | *Apostasia* | 18 | 0.6874 |
| Orchidaceae | *Appendicula* | 61 | 0.5156 |
| Orchidaceae | *Bryobium* | 12 | 0.6824 |
| Orchidaceae | *Bulbophyllum* | 249 | 0.612 |
| Orchidaceae | *Cadetia* | 64 | 0.5929 |
| Orchidaceae | *Calanthe* | 122 | 0.6402 |
| Orchidaceae | *Ceratostylis* | 123 | 0.7348 |
| Orchidaceae | *Coelogyne* | 65 | 0.729 |
| Orchidaceae | *Corybas* | 31 | 0.804 |
| Orchidaceae | *Crepidium* | 23 | 0.7117 |
| Orchidaceae | *Cryptostylis* | 11 | 0.757 |
| Orchidaceae | *Dendrobium* | 488 | 0.5719 |
| Orchidaceae | *Dendrochilum* | 39 | 0.8412 |
| Orchidaceae | *Diplocaulobium* | 56 | 0.5798 |
| Orchidaceae | *Epiblastus* | 73 | 0.8518 |
| Orchidaceae | *Eria* | 48 | 0.7072 |
| Orchidaceae | *Eurycentrum* | 14 | 0.5741 |
| Orchidaceae | *Glomera* | 155 | 0.7607 |
| Orchidaceae | *Glossorhyncha* | 103 | 0.7814 |
| Orchidaceae | *Goodyera* | 38 | 0.6442 |
| Orchidaceae | *Grastidium* | 23 | 0.6388 |
| Orchidaceae | *Hetaeria* | 27 | 0.7502 |
| Orchidaceae | *Lepidogyne* | 19 | 0.6075 |
| Orchidaceae | *Liparis* | 112 | 0.6512 |
| Orchidaceae | *Malaxis* | 46 | 0.5408 |
| Orchidaceae | *Mediocalcar* | 99 | 0.8315 |
| Orchidaceae | *Microtatorchis* | 12 | 0.9527 |
| Orchidaceae | *Neuwiedia* | 14 | 0.7383 |
| Orchidaceae | *Oberonia* | 66 | 0.698 |
| Orchidaceae | *Octarrhena* | 39 | 0.9304 |
| Orchidaceae | *Pedilochilus* | 33 | 0.8281 |
| Orchidaceae | *Pedilonum* | 19 | 0.8543 |
| Orchidaceae | *Peristylus* | 35 | 0.6983 |
| Orchidaceae | *Phaius* | 21 | 0.7429 |
| Orchidaceae | *Pholidota* | 25 | 0.5314 |
| Orchidaceae | *Phreatia* | 149 | 0.6535 |
| Orchidaceae | *Plocoglottis* | 34 | 0.5945 |
| Orchidaceae | *Podochilus* | 26 | 0.5608 |
| Orchidaceae | *Pseuderia* | 27 | 0.6267 |
| Orchidaceae | *Pseudovanilla* | 14 | 0.6273 |
| Orchidaceae | *Pterostylis* | 49 | 0.9516 |
| Orchidaceae | *Spathoglottis* | 105 | 0.5326 |
| Orchidaceae | *Spiranthes* | 29 | 0.6643 |
| Orchidaceae | *Taeniophyllum* | 35 | 0.6885 |
| Orchidaceae | *Tainia* | 15 | 0.8448 |
| Orchidaceae | *Thelymitra* | 41 | 0.8768 |
| Orchidaceae | *Thrixspermum* | 17 | 0.5254 |
| Orchidaceae | *Trichoglottis* | 11 | 0.5859 |
| Orchidaceae | *Trichotosia* | 19 | 0.6534 |
| Orchidaceae | *Vrydagzynea* | 21 | 0.5389 |
| Orchidaceae | *Zeuxine* | 10 | 0.6164 |
| Orobanchaceae | *Buchnera* | 22 | 0.7084 |
| Orobanchaceae | *Euphrasia* | 29 | 0.959 |
| Orthotrichaceae | *Desmotheca* | 16 | 0.9018 |
| Orthotrichaceae | *Macromitrium* | 159 | 0.6876 |
| Orthotrichaceae | *Schlotheimia* | 74 | 0.9004 |
| Orthotrichaceae | *Zygodon* | 13 | 0.9442 |
| Osmundaceae | *Leptopteris* | 53 | 0.8136 |
| Oxalidaceae | *Averrhoa* | 12 | 0.6422 |
| Oxalidaceae | *Oxalis* | 89 | 0.7474 |
| Pandaceae | *Galearia* | 44 | 0.5691 |
| Pandanaceae | *Freycinetia* | 196 | 0.5436 |
| Pandanaceae | *Pandanus* | 127 | 0.4857 |
| Passifloraceae | *Adenia* | 17 | 0.6839 |
| Passifloraceae | *Hollrungia* | 22 | 0.5114 |
| Passifloraceae | *Passiflora* | 94 | 0.6088 |
| Pentaphragmataceae | *Pentaphragma* | 18 | 0.7205 |
| Pentaphylacaceae | *Archboldiodendron* | 19 | 0.8407 |
| Pentaphylacaceae | *Eurya* | 191 | 0.7416 |
| Pentaphylacaceae | *Ternstroemia* | 113 | 0.5482 |
| Peranemaceae | *Acrophorus* | 24 | 0.817 |
| Philesiaceae | *Geitonoplesium* | 56 | 0.712 |
| Mazaceae | *Mazus* | 20 | 0.8698 |
| Phyllanthaceae | *Actephila* | 22 | 0.5448 |
| Phyllanthaceae | *Antidesma* | 217 | 0.5049 |
| Phyllanthaceae | *Aporosa* | 96 | 0.5151 |
| Phyllanthaceae | *Baccaurea* | 45 | 0.6467 |
| Phyllanthaceae | *Breynia* | 206 | 0.5846 |
| Phyllanthaceae | *Bridelia* | 46 | 0.6308 |
| Phyllanthaceae | *Cleistanthus* | 35 | 0.6238 |
| Phyllanthaceae | *Glochidion* | 340 | 0.4683 |
| Phyllanthaceae | *Phyllanthus* | 198 | 0.5438 |
| Phyllocladaceae | *Phyllocladus* | 75 | 0.896 |
| Picrodendraceae | *Choriceras* | 10 | 0.9706 |
| Pinaceae | *Pinus* | 10 | 0.8501 |
| Piperaceae | *Peperomia* | 111 | 0.6085 |
| Piperaceae | *Piper* | 449 | 0.5832 |
| Piperaceae | *Pothomorphe* | 13 | 0.7949 |
| Pittosporaceae | *Pittosporum* | 306 | 0.6334 |
| Plagiochilaceae | *Plagiochila* | 130 | 0.7873 |
| Plagiochilaceae | *Plagiochilion* | 28 | 0.917 |
| Plantaginaceae | *Callitriche* | 11 | 0.9881 |
| Plantaginaceae | *Hebe* | 31 | 0.9399 |
| Plantaginaceae | *Limnophila* | 44 | 0.5771 |
| Plantaginaceae | *Plantago* | 51 | 0.9034 |
| Plantaginaceae | *Veronica* | 22 | 0.9525 |
| Pleuroziaceae | *Pleurozia* | 47 | 0.8737 |
| Poaceae | *Agrostis* | 90 | 0.9057 |
| Poaceae | *Alloteropsis* | 31 | 0.7351 |
| Poaceae | *Anthoxanthum* | 38 | 0.9191 |
| Poaceae | *Apluda* | 50 | 0.6687 |
| Poaceae | *Aristida* | 20 | 0.7752 |
| Poaceae | *Arthraxon* | 59 | 0.8615 |
| Poaceae | *Arundinella* | 69 | 0.7145 |
| Poaceae | *Bothriochloa* | 16 | 0.7683 |
| Poaceae | *Brachiaria* | 46 | 0.7277 |
| Poaceae | *Brachypodium* | 29 | 0.851 |
| Poaceae | *Calamagrostis* | 51 | 0.8506 |
| Poaceae | *Capillipedium* | 42 | 0.8528 |
| Poaceae | *Cenchrus* | 68 | 0.6926 |
| Poaceae | *Centotheca* | 63 | 0.5752 |
| Poaceae | *Chionachne* | 27 | 0.6119 |
| Poaceae | *Chloris* | 20 | 0.6605 |
| Poaceae | *Chrysopogon* | 33 | 0.7441 |
| Poaceae | *Coelachne* | 13 | 0.9299 |
| Poaceae | *Coelorachis* | 20 | 0.6771 |
| Poaceae | *Coix* | 63 | 0.5668 |
| Poaceae | *Cortaderia* | 60 | 0.9107 |
| Poaceae | *Cymbopogon* | 31 | 0.6934 |
| Poaceae | *Cynodon* | 13 | 0.6967 |
| Poaceae | *Cyrtococcum* | 57 | 0.642 |
| Poaceae | *Deschampsia* | 71 | 0.8974 |
| Poaceae | *Dichanthium* | 24 | 0.7954 |
| Poaceae | *Dichelachne* | 58 | 0.9196 |
| Poaceae | *Digitaria* | 112 | 0.6586 |
| Poaceae | *Dimeria* | 40 | 0.709 |
| Poaceae | *Echinochloa* | 70 | 0.6193 |
| Poaceae | *Echinopogon* | 33 | 0.9108 |
| Poaceae | *Ectrosia* | 13 | 0.928 |
| Poaceae | *Ehrharta* | 21 | 0.9305 |
| Poaceae | *Eleusine* | 55 | 0.5946 |
| Poaceae | *Elionurus* | 13 | 0.7358 |
| Poaceae | *Eragrostis* | 136 | 0.6116 |
| Poaceae | *Eremochloa* | 10 | 0.8036 |
| Poaceae | *Eriachne* | 34 | 0.76 |
| Poaceae | *Eulalia* | 110 | 0.7042 |
| Poaceae | *Festuca* | 36 | 0.9129 |
| Poaceae | *Garnotia* | 33 | 0.5066 |
| Poaceae | *Germainia* | 15 | 0.9214 |
| Poaceae | *Hackelochloa* | 20 | 0.7879 |
| Poaceae | *Heteropogon* | 16 | 0.9364 |
| Poaceae | *Hierochloe* | 31 | 0.8493 |
| Poaceae | *Hymenachne* | 15 | 0.6663 |
| Poaceae | *Hyparrhenia* | 14 | 0.8491 |
| Poaceae | *Imperata* | 89 | 0.6356 |
| Poaceae | *Isachne* | 158 | 0.6716 |
| Poaceae | *Ischaemum* | 145 | 0.5812 |
| Poaceae | *Lachnagrostis* | 13 | 0.9421 |
| *Poaceae* | *Leersia* | 35 | 0.7168 |
| Poaceae | *Leptaspis* | 63 | 0.6646 |
| Poaceae | *Leptochloa* | 36 | 0.7674 |
| Poaceae | *Lophatherum* | 25 | 0.5438 |
| Poaceae | *Melinis* | 21 | 0.7464 |
| Poaceae | *Microstegium* | 19 | 0.6868 |
| Poaceae | *Miscanthus* | 65 | 0.8384 |
| Poaceae | *Mnesithea* | 36 | 0.7917 |
| Poaceae | *Nastus* | 101 | 0.7566 |
| Poaceae | *Neololeba* | 31 | 0.6267 |
| Poaceae | *Ophiuros* | 34 | 0.6972 |
| Poaceae | *Oplismenus* | 88 | 0.582 |
| Poaceae | *Oryza* | 20 | 0.8598 |
| Poaceae | *Ottochloa* | 12 | 0.663 |
| Poaceae | *Panicum* | 116 | 0.7181 |
| Poaceae | *Paspalum* | 171 | 0.5841 |
| Poaceae | *Pennisetum* | 33 | 0.5704 |
| Poaceae | *Perotis* | 17 | 0.7944 |
| Poaceae | *Phragmites* | 40 | 0.6385 |
| Poaceae | *Poa* | 102 | 0.8789 |
| Poaceae | *Pogonatherum* | 42 | 0.647 |
| Poaceae | *Pseudechinolaena* | 13 | 0.7712 |
| Poaceae | *Pseudopogonatherum* | 21 | 0.8246 |
| Poaceae | *Pseudoraphis* | 17 | 0.9208 |
| Poaceae | *Racemobambos* | 23 | 0.7765 |
| Poaceae | *Rottboellia* | 14 | 0.7825 |
| Poaceae | *Rytidosperma* | 76 | 0.879 |
| Poaceae | *Saccharum* | 40 | 0.5572 |
| Poaceae | *Sacciolepis* | 101 | 0.6576 |
| Poaceae | *Schizachyrium* | 14 | 0.7843 |
| Poaceae | *Schizostachyum* | 28 | 0.595 |
| Poaceae | *Scrotochloa* | 22 | 0.6735 |
| Poaceae | *Setaria* | 136 | 0.6491 |
| Poaceae | *Sorghum* | 73 | 0.7584 |
| Poaceae | *Sporobolus* | 38 | 0.6996 |
| Poaceae | *Themeda* | 105 | 0.6821 |
| Poaceae | *Thysanolaena* | 28 | 0.7733 |
| Podocarpaceae | *Dacrycarpus* | 154 | 0.8692 |
| Podocarpaceae | *Dacrydium* | 66 | 0.6934 |
| Podocarpaceae | *Decussocarpus* | 14 | 0.737 |
| Podocarpaceae | *Falcatifolium* | 19 | 0.78 |
| Podocarpaceae | *Nageia* | 35 | 0.5688 |
| Podocarpaceae | *Podocarpus* | 229 | 0.6214 |
| Podocarpaceae | *Prumnopitys* | 15 | 0.6633 |
| Podocarpaceae | *Sundacarpus* | 41 | 0.741 |
| Polygalaceae | *Eriandra* | 19 | 0.6097 |
| Polygalaceae | *Polygala* | 132 | 0.6626 |
| Polygalaceae | *Securidaca* | 33 | 0.5403 |
| Polygalaceae | *Xanthophyllum* | 43 | 0.5654 |
| Polygonaceae | *Homalocladium* | 14 | 0.5862 |
| Polygonaceae | *Muehlenbeckia* | 56 | 0.8309 |
| Polygonaceae | *Persicaria* | 146 | 0.6489 |
| Polygonaceae | *Polygonum* | 115 | 0.6478 |
| Polygonaceae | *Rumex* | 18 | 0.9261 |
| Polypodiaceae | *Belvisia* | 200 | 0.7922 |
| Polypodiaceae | *Colysis* | 14 | 0.6164 |
| Polypodiaceae | *Crypsinus* | 57 | 0.758 |
| Polypodiaceae | *Drynaria* | 99 | 0.472 |
| Polypodiaceae | *Goniophlebium* | 64 | 0.7896 |
| Polypodiaceae | *Grammitis* | 153 | 0.8118 |
| Polypodiaceae | *Lecanopteris* | 55 | 0.563 |
| Polypodiaceae | *Lemmaphyllum* | 89 | 0.6342 |
| Polypodiaceae | *Lepisorus* | 23 | 0.9107 |
| Polypodiaceae | *Leptochilus* | 23 | 0.5835 |
| Polypodiaceae | *Merinthosorus* | 18 | 0.631 |
| Polypodiaceae | *Microsorum* | 354 | 0.5277 |
| Polypodiaceae | *Oreogrammitis* | 47 | 0.905 |
| Polypodiaceae | *Phymatosorus* | 65 | 0.5735 |
| Polypodiaceae | *Platycerium* | 12 | 0.6788 |
| Polypodiaceae | *Polypodium* | 41 | 0.7242 |
| Polypodiaceae | *Pyrrosia* | 185 | 0.4902 |
| Polypodiaceae | *Schellolepis* | 72 | 0.7221 |
| Polypodiaceae | *Scleroglossum* | 17 | 0.7449 |
| Polypodiaceae | *Selliguea* | 243 | 0.7053 |
| Polypodiaceae | *Themelium* | 25 | 0.798 |
| Polytrichaceae | *Dawsonia* | 74 | 0.8801 |
| Polytrichaceae | *Pogonatum* | 37 | 0.8391 |
| Porellaceae | *Porella* | 58 | 0.916 |
| Portulacaceae | *Portulaca* | 34 | 0.6617 |
| Potamogetonaceae | *Potamogeton* | 16 | 0.6593 |
| Pottiaceae | *Anoectangium* | 16 | 0.9449 |
| Pottiaceae | *Barbula* | 54 | 0.8203 |
| Pottiaceae | *Didymodon* | 10 | 0.9532 |
| Pottiaceae | *Hyophila* | 37 | 0.8016 |
| Pottiaceae | *Oxystegus* | 12 | 0.9562 |
| Pottiaceae | *Pseudosymblepharis* | 35 | 0.9073 |
| Pottiaceae | *Trichostomum* | 12 | 0.8151 |
| Primulaceae | *Aegiceras* | 29 | 0.7271 |
| Primulaceae | *Ardisia* | 182 | 0.5464 |
| Primulaceae | *Discocalyx* | 66 | 0.6191 |
| Primulaceae | *Embelia* | 94 | 0.5786 |
| Primulaceae | *Lysimachia* | 30 | 0.928 |
| Primulaceae | *Maesa* | 172 | 0.6088 |
| Primulaceae | *Myrsine* | 288 | 0.7532 |
| Proteaceae | *Alloxylon* | 13 | 0.9624 |
| Proteaceae | *Banksia* | 38 | 0.8485 |
| Proteaceae | *Finschia* | 62 | 0.5955 |
| Proteaceae | *Gevuina* | 13 | 0.8547 |
| Proteaceae | *Grevillea* | 58 | 0.7073 |
| Proteaceae | *Helicia* | 228 | 0.6426 |
| Proteaceae | *Stenocarpus* | 14 | 0.8265 |
| Psilotaceae | *Psilotum* | 89 | 0.6074 |
| Pteridaceae | *Acrostichum* | 34 | 0.6175 |
| Pteridaceae | *Adiantum* | 147 | 0.6638 |
| Pteridaceae | *Antrophyum* | 162 | 0.5965 |
| Pteridaceae | *Ceratopteris* | 26 | 0.7312 |
| Pteridaceae | *Cheilanthes* | 63 | 0.6554 |
| Pteridaceae | *Coniogramme* | 24 | 0.6777 |
| Pteridaceae | *Doryopteris* | 25 | 0.6823 |
| Pteridaceae | *Monogramma* | 25 | 0.5918 |
| Pteridaceae | *Pityrogramma* | 28 | 0.5144 |
| Pteridaceae | *Pteris* | 258 | 0.5636 |
| Pteridaceae | *Syngramma* | 58 | 0.5932 |
| Pteridaceae | *Taenitis* | 83 | 0.6471 |
| Pteridaceae | *Vittaria* | 205 | 0.5487 |
| Pteridiaceae | *Paesia* | 22 | 0.8981 |
| Pterobryaceae | *Calyptothecium* | 55 | 0.8522 |
| Pterobryaceae | *Garovaglia* | 100 | 0.8081 |
| Pterobryaceae | *Neolindbergia* | 10 | 0.8953 |
| Pterobryaceae | *Trachyloma* | 31 | 0.8581 |
| Putranjivaceae | *Drypetes* | 30 | 0.5499 |
| Racopilaceae | *Powellia* | 17 | 0.878 |
| Racopilaceae | *Racopilum* | 129 | 0.7961 |
| Radulaceae | *Radula* | 86 | 0.7211 |
| Ranunculaceae | *Clematis* | 121 | 0.5835 |
| Ranunculaceae | *Ranunculus* | 100 | 0.9011 |
| Rhamnaceae | *Alphitonia* | 161 | 0.5438 |
| Rhamnaceae | *Colubrina* | 26 | 0.5618 |
| Rhamnaceae | *Emmenosperma* | 21 | 0.6969 |
| Rhamnaceae | *Gouania* | 44 | 0.604 |
| Rhamnaceae | *Rhamnus* | 57 | 0.8177 |
| Rhamnaceae | *Ventilago* | 13 | 0.6611 |
| Rhamnaceae | *Ziziphus* | 41 | 0.6185 |
| Rhizogoniaceae | *Hymenodon* | 35 | 0.8161 |
| Rhizogoniaceae | *Hymenodontopsis* | 25 | 0.9225 |
| Rhizogoniaceae | *Pyrrhobryum* | 43 | 0.717 |
| Rhizogoniaceae | *Rhizogonium* | 15 | 0.5399 |
| Rhizophoraceae | *Bruguiera* | 54 | 0.7201 |
| Rhizophoraceae | *Ceriops* | 14 | 0.7246 |
| Rhizophoraceae | *Gynotroches* | 58 | 0.5148 |
| Rhizophoraceae | *Rhizophora* | 40 | 0.7466 |
| Rosaceae | *Acaena* | 28 | 0.8881 |
| Rosaceae | *Potentilla* | 94 | 0.9073 |
| Rosaceae | *Prunus* | 220 | 0.614 |
| Rosaceae | *Pygeum* | 22 | 0.7145 |
| Rosaceae | *Rubus* | 220 | 0.6268 |
| Rubiaceae | *Aidia* | 29 | 0.6089 |
| Rubiaceae | *Airosperma* | 19 | 0.7191 |
| Rubiaceae | *Amaracarpus* | 152 | 0.5915 |
| Rubiaceae | *Anthorrhiza* | 13 | 0.7913 |
| Rubiaceae | *Antirhea* | 28 | 0.5921 |
| Rubiaceae | *Argostemma* | 41 | 0.7357 |
| Rubiaceae | *Atractocarpus* | 93 | 0.5098 |
| Rubiaceae | *Borreria* | 34 | 0.5545 |
| Rubiaceae | *Canthium* | 79 | 0.5113 |
| Rubiaceae | *Coelospermum* | 12 | 0.594 |
| Rubiaceae | *Coprosma* | 80 | 0.921 |
| Rubiaceae | *Coptosapelta* | 12 | 0.6085 |
| Rubiaceae | *Dolianthus* | 60 | 0.8637 |
| Rubiaceae | *Dolicholobium* | 48 | 0.7033 |
| Rubiaceae | *Exallage* | 10 | 0.6519 |
| Rubiaceae | *Galium* | 51 | 0.9231 |
| Rubiaceae | *Gardenia* | 142 | 0.4986 |
| Rubiaceae | *Geophila* | 22 | 0.6181 |
| Rubiaceae | *Guettarda* | 14 | 0.7318 |
| Rubiaceae | *Hedyotis* | 120 | 0.6045 |
| Rubiaceae | *Hydnophytum* | 146 | 0.4949 |
| Rubiaceae | *Ixora* | 151 | 0.5252 |
| Rubiaceae | *Knoxia* | 16 | 0.6161 |
| Rubiaceae | *Lasianthus* | 109 | 0.5297 |
| Rubiaceae | *Lucinaea* | 35 | 0.5227 |
| Rubiaceae | *Mastixiodendron* | 52 | 0.4535 |
| Rubiaceae | *Mitracarpus* | 12 | 0.6229 |
| Rubiaceae | *Mitragyna* | 13 | 0.6827 |
| Rubiaceae | *Morinda* | 110 | 0.5744 |
| Rubiaceae | *Mussaenda* | 197 | 0.5562 |
| Rubiaceae | *Mycetia* | 27 | 0.6635 |
| Rubiaceae | *Myrmecodia* | 82 | 0.5607 |
| Rubiaceae | *Nauclea* | 56 | 0.6196 |
| Rubiaceae | *Neanotis* | 19 | 0.8178 |
| Rubiaceae | *Neolamarckia* | 23 | 0.6603 |
| Rubiaceae | *Neonauclea* | 151 | 0.5574 |
| Rubiaceae | *Nertera* | 62 | 0.8898 |
| Rubiaceae | *Oldenlandia* | 81 | 0.5223 |
| Rubiaceae | *Ophiorrhiza* | 98 | 0.6507 |
| Rubiaceae | *Pachystylus* | 29 | 0.5805 |
| Rubiaceae | *Pavetta* | 76 | 0.6188 |
| Rubiaceae | *Porterandia* | 13 | 0.5498 |
| Rubiaceae | *Psychotria* | 465 | 0.5129 |
| Rubiaceae | *Psydrax* | 35 | 0.6165 |
| Rubiaceae | *Randia* | 114 | 0.5005 |
| Rubiaceae | *Rhadinopus* | 10 | 0.7028 |
| Rubiaceae | *Saprosma* | 12 | 0.5267 |
| Rubiaceae | *Schradera* | 52 | 0.5408 |
| Rubiaceae | *Spermacoce* | 92 | 0.6223 |
| Rubiaceae | *Tarenna* | 83 | 0.5612 |
| Rubiaceae | *Timonius* | 292 | 0.5234 |
| Rubiaceae | *Uncaria* | 91 | 0.5181 |
| Rubiaceae | *Urophyllum* | 82 | 0.6932 |
| Rubiaceae | *Versteegia* | 24 | 0.5594 |
| Rubiaceae | *Wendlandia* | 53 | 0.669 |
| Rubiaceae | *Xanthophytum* | 15 | 0.6346 |
| Rutaceae | *Acronychia* | 147 | 0.6892 |
| Rutaceae | *Citrus* | 25 | 0.6731 |
| Rutaceae | *Clausena* | 11 | 0.6755 |
| Rutaceae | *Euodia* | 74 | 0.6171 |
| Rutaceae | *Evodiella* | 16 | 0.8138 |
| Rutaceae | *Flindersia* | 93 | 0.5545 |
| Rutaceae | *Geijera* | 11 | 0.9716 |
| Rutaceae | *Glycosmis* | 18 | 0.6851 |
| Rutaceae | *Halfordia* | 43 | 0.5157 |
| Rutaceae | *Lunasia* | 33 | 0.6806 |
| Rutaceae | *Melicope* | 462 | 0.5848 |
| Rutaceae | *Micromelum* | 79 | 0.6322 |
| Rutaceae | *Murraya* | 10 | 0.8501 |
| Rutaceae | *Tetractomia* | 19 | 0.6185 |
| Rutaceae | *Wenzelia* | 19 | 0.6266 |
| Rutaceae | *Zanthoxylum* | 55 | 0.5841 |
| Sabiaceae | *Meliosma* | 91 | 0.7039 |
| Salicaceae | *Casearia* | 160 | 0.5481 |
| Salicaceae | *Flacourtia* | 41 | 0.6825 |
| Salicaceae | *Homalium* | 57 | 0.6322 |
| Santalaceae | *Cladomyza* | 76 | 0.8639 |
| Santalaceae | *Dendromyza* | 67 | 0.7475 |
| Santalaceae | *Dendrotrophe* | 20 | 0.632 |
| Santalaceae | *Exocarpos* | 66 | 0.77 |
| Santalaceae | *Notothixos* | 30 | 0.5582 |
| Santalaceae | *Santalum* | 32 | 0.9481 |
| Santalaceae | *Scleropyrum* | 34 | 0.58 |
| Santalaceae | *Viscum* | 28 | 0.5673 |
| Sapindaceae | *Alectryon* | 61 | 0.6836 |
| Sapindaceae | *Allophylus* | 96 | 0.6128 |
| Sapindaceae | *Arytera* | 44 | 0.5252 |
| Sapindaceae | *Cardiospermum* | 10 | 0.5905 |
| Sapindaceae | *Cnesmocarpon* | 10 | 0.5297 |
| Sapindaceae | *Cupaniopsis* | 73 | 0.5998 |
| Sapindaceae | *Dictyoneura* | 35 | 0.6608 |
| Sapindaceae | *Dodonaea* | 83 | 0.8281 |
| Sapindaceae | *Elattostachys* | 31 | 0.7194 |
| Sapindaceae | *Ganophyllum* | 21 | 0.525 |
| Sapindaceae | *Guioa* | 98 | 0.5447 |
| Sapindaceae | *Harpullia* | 209 | 0.5843 |
| Sapindaceae | *Jagera* | 39 | 0.6161 |
| Sapindaceae | *Lepisanthes* | 22 | 0.5155 |
| Sapindaceae | *Mischocarpus* | 61 | 0.634 |
| Sapindaceae | *Pometia* | 65 | 0.6184 |
| Sapindaceae | *Sarcopteryx* | 52 | 0.5641 |
| Sapindaceae | *Toechima* | 30 | 0.5919 |
| Sapindaceae | *Tristiropsis* | 28 | 0.582 |
| Sapotaceae | *Burckella* | 30 | 0.7005 |
| Sapotaceae | *Chrysophyllum* | 12 | 0.6426 |
| Sapotaceae | *Madhuca* | 14 | 0.724 |
| Sapotaceae | *Magodendron* | 10 | 0.6999 |
| Sapotaceae | *Palaquium* | 71 | 0.6431 |
| Sapotaceae | *Planchonella* | 148 | 0.5967 |
| Sapotaceae | *Pleioluma* | 46 | 0.6232 |
| Sapotaceae | *Pouteria* | 80 | 0.5769 |
| Saxifragaceae | *Astilbe* | 21 | 0.8728 |
| Scapaniaceae | *Gottschelia* | 15 | 0.9657 |
| Scapaniaceae | *Scapania* | 17 | 0.9215 |
| Schistochilaceae | *Gottschea* | 32 | 0.9213 |
| Schistochilaceae | *Schistochila* | 72 | 0.844 |
| Schizaeaceae | *Schizaea* | 127 | 0.5932 |
| Scrophulariaceae | *Buddleja* | 30 | 0.7153 |
| Scrophulariaceae | *Parahebe* | 50 | 0.8988 |
| Selaginellaceae | *Selaginella* | 285 | 0.5224 |
| Sematophyllaceae | *Acroporium* | 60 | 0.7383 |
| Sematophyllaceae | *Meiothecium* | 12 | 0.7303 |
| Sematophyllaceae | *Sematophyllum* | 10 | 0.918 |
| Sematophyllaceae | *Trismegistia* | 45 | 0.7168 |
| Sematophyllaceae | *Warburgiella* | 15 | 0.9164 |
| Simaroubaceae | *Ailanthus* | 18 | 0.688 |
| Simaroubaceae | *Picrasma* | 13 | 0.6801 |
| Simaroubaceae | *Quassia* | 19 | 0.6102 |
| Smilacaceae | *Smilax* | 92 | 0.4474 |
| Solanaceae | *Lycianthes* | 80 | 0.7378 |
| Solanaceae | *Nicotiana* | 13 | 0.621 |
| Solanaceae | *Solanum* | 279 | 0.6274 |
| Sphagnaceae | *Sphagnum* | 71 | 0.8588 |
| Sphenostemonaceae | *Sphenostemon* | 76 | 0.8034 |
| Spiridentaceae | *Spiridens* | 66 | 0.8452 |
| Splachnaceae | *Tetraplodon* | 10 | 0.9771 |
| Staphyleaceae | *Turpinia* | 62 | 0.6775 |
| Stemonaceae | *Stemona* | 10 | 0.756 |
| Sterculiaceae | *Ambroma* | 13 | 0.6352 |
| Styracaceae | *Bruinsmia* | 16 | 0.5499 |
| Styracaceae | *Styrax* | 18 | 0.6291 |
| Symplocaceae | *Symplocos* | 262 | 0.6733 |
| Tectariaceae | *Pleocnemia* | 55 | 0.6747 |
| Tectariaceae | *Tectaria* | 123 | 0.6266 |
| Theaceae | *Adinandra* | 43 | 0.5158 |
| Theaceae | *Gordonia* | 68 | 0.5825 |
| Theaceae | *Terustroemia* | 59 | 0.4857 |
| Thelypteridaceae | *Amphineuron* | 33 | 0.5947 |
| Thelypteridaceae | *Christella* | 38 | 0.5966 |
| Thelypteridaceae | *Coryphopteris* | 48 | 0.7776 |
| Thelypteridaceae | *Cyclosorus* | 88 | 0.5295 |
| Thelypteridaceae | *Macrothelypteris* | 18 | 0.5671 |
| Thelypteridaceae | *Parathelypteris* | 23 | 0.9298 |
| Thelypteridaceae | *Plesioneuron* | 62 | 0.6897 |
| Thelypteridaceae | *Pneumatopteris* | 117 | 0.5346 |
| Thelypteridaceae | *Pronephrium* | 55 | 0.6531 |
| Thelypteridaceae | *Pseudophegopteris* | 14 | 0.9231 |
| Thelypteridaceae | *Sphaerostephanos* | 272 | 0.5392 |
| Thelypteridaceae | *Thelypteris* | 61 | 0.5456 |
| Thuidiaceae | *Pelekium* | 18 | 0.633 |
| Thuidiaceae | *Thuidium* | 85 | 0.672 |
| Thymelaeaceae | *Drapetes* | 38 | 0.9112 |
| Thymelaeaceae | *Kelleria* | 34 | 0.9484 |
| Thymelaeaceae | *Phaleria* | 145 | 0.5751 |
| Thymelaeaceae | *Thecanthes* | 19 | 0.7012 |
| Thymelaeaceae | *Wikstroemia* | 39 | 0.7917 |
| Tiliaceae | *Microcos* | 132 | 0.6122 |
| Trachypodaceae | *Trachypus* | 10 | 0.9484 |
| Trichocoleaceae | *Trichocolea* | 56 | 0.8242 |
| Trimeniaceae | *Trimenia* | 79 | 0.7708 |
| Triuridaceae | *Sciaphila* | 22 | 0.5558 |
| Typhaceae | *Typha* | 19 | 0.8718 |
| Urticaceae | *Boehmeria* | 39 | 0.6472 |
| Urticaceae | *Cypholophus* | 172 | 0.6314 |
| Urticaceae | *Debregeasia* | 24 | 0.7162 |
| Urticaceae | *Dendrocnide* | 92 | 0.5273 |
| Urticaceae | *Elatostema* | 294 | 0.5848 |
| Urticaceae | *Gonostegia* | 37 | 0.6855 |
| Urticaceae | *Laportea* | 67 | 0.5171 |
| Urticaceae | *Lecanthus* | 17 | 0.9172 |
| Urticaceae | *Leucosyke* | 113 | 0.5934 |
| Urticaceae | *Maoutia* | 78 | 0.6076 |
| Urticaceae | *Nothocnide* | 67 | 0.5317 |
| Urticaceae | *Oreocnide* | 54 | 0.5842 |
| Urticaceae | *Pilea* | 177 | 0.7562 |
| Urticaceae | *Pipturus* | 245 | 0.5618 |
| Urticaceae | *Poikilospermum* | 112 | 0.5027 |
| Urticaceae | *Pouzolzia* | 51 | 0.6001 |
| Urticaceae | *Procris* | 132 | 0.6072 |
| Urticaceae | *Urticastrum* | 32 | 0.6994 |
| Verbenaceae | *Calocarpa* | 28 | 0.5757 |
| Verbenaceae | *Clerodendron* | 45 | 0.6572 |
| Verbenaceae | *Lantana* | 11 | 0.6038 |
| Verbenaceae | *Stachytarpheta* | 39 | 0.5017 |
| Verbenaceae | *Verbena* | 16 | 0.8861 |
| Violaceae | *Rinorea* | 42 | 0.5887 |
| Violaceae | *Viola* | 115 | 0.8447 |
| Vitaceae | *Cayratia* | 82 | 0.5397 |
| Vitaceae | *Cissus* | 106 | 0.4926 |
| Vitaceae | *Nothocissus* | 25 | 0.5505 |
| Vitaceae | *Tetrastigma* | 80 | 0.5031 |
| Vittariaceae | *Vaginularia* | 16 | 0.615 |
| Winteraceae | *Belliolum* | 22 | 0.7237 |
| Winteraceae | *Bubbia* | 96 | 0.7427 |
| Winteraceae | *Drimys* | 159 | 0.8215 |
| Winteraceae | *Takhtajania* | 42 | 0.8194 |
| Winteraceae | *Tasmannia* | 143 | 0.868 |
| Winteraceae | *Zygogynum* | 160 | 0.7737 |
| Woodsiaceae | *Athyrium* | 46 | 0.7835 |
| Woodsiaceae | *Deparia* | 13 | 0.8259 |
| Woodsiaceae | *Diplazium* | 290 | 0.609 |
| Xanthorrhoeaceae | *Dianella* | 98 | 0.5318 |
| Xyridaceae | *Xyris* | 40 | 0.6122 |
| Zingiberaceae | *Alpinia* | 220 | 0.5458 |
| Zingiberaceae | *Curcuma* | 44 | 0.6085 |
| Zingiberaceae | *Etlingera* | 58 | 0.6326 |
| Zingiberaceae | *Hornstedtia* | 43 | 0.6012 |
| Zingiberaceae | *Pleuranthodium* | 38 | 0.5944 |
| Zingiberaceae | *Riedelia* | 206 | 0.565 |

Table 1.5. Comparison of test AUC and null AUC scores for select genera.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Family** | **Genus** | **Occurrences after rarify, biases** | **Test AUC** | **Null AUC** |
| Nothofagaceae | *Nothofagus* | 175 | 0.8419 | 0.503006 |
| Ericaceae | *Rhododendron* | 458 | 0.7947 | 0.504158 |
| Apocynaceae | *Alstonia* | 116 | 0.503 | 0.505113 |
| Rosaceae | *Acaena* | 28 | 0.8881 | 0.504384 |

**SUPPLEMENTARY MATERIAL 2:** List of genera with low AUC scores and fewer than 50 occurrences

Table 4.1. Summary of results for genera not included in the study

|  |  |  |
| --- | --- | --- |
|  | **Occurrences** | **Test AUC** |
| Mean | 21 | 0.4434 |
| Standard deviation | 11 | 0.0532 |
| Most # of occurrences | 46 | 0.4995 |
| Least # of occurrences | 10 | 0.1989 |
|  |  |  |
| Total genera | 62 |  |
| Total occurrences | 1284 |  |

Table 2.2. Genera with test AUC scores less than 0.5 and occurrences fewer than 50.

|  |  |  |  |
| --- | --- | --- | --- |
| **Family** | **Genus** | **Occurrences**  **(after rarify, biases)** | **Test AUC** |
| Acanthaceae | *Leptosiphonium* | 22 | 0.4226 |
| Annonaceae | *Mitrella* | 31 | 0.4372 |
| Apocynaceae | *Asclepias* | 10 | 0.3692 |
| Apocynaceae | *Kopsia* | 10 | 0.4843 |
| Apocynaceae | *Papuechites* | 35 | 0.4856 |
| Apocynaceae | *Tylophora* | 43 | 0.4409 |
| Araceae | *Amydrium* | 20 | 0.4167 |
| Araceae | *Colocasia* | 12 | 0.4328 |
| Arecaceae | *Gronophyllum* | 26 | 0.4675 |
| Aristolochiaceae | *Pararistolochia* | 12 | 0.4312 |
| Asclepiadaceae | *Sarcolobus* | 30 | 0.4937 |
| Bignoniaceae | *Pandorea* | 37 | 0.4217 |
| Calophyllaceae | *Mammea* | 18 | 0.4973 |
| Celastraceae | *Lophopetalum* | 14 | 0.3376 |
| Clethraceae | *Clethra* | 10 | 0.4374 |
| Commelinaceae | *Commelina* | 37 | 0.4995 |
| Euphorbiaceae | *Briedelia* | 10 | 0.3589 |
| Euphorbiaceae | *Omalanthus* | 35 | 0.4656 |
| Euphorbiaceae | *Spathiostemon* | 27 | 0.4984 |
| Fabaceae | *Centrosema* | 10 | 0.4407 |
| Fabaceae | *Flemingia* | 20 | 0.4842 |
| Fabaceae | *Paraderris* | 11 | 0.3842 |
| Fabaceae | *Sesbania* | 11 | 0.3959 |
| Hymenophyllaceae | *Gonocormus* | 12 | 0.3397 |
| Hypoxidaceae | *Molineria* | 11 | 0.4991 |
| Lamiaceae | *Dysophylla* | 13 | 0.468 |
| Lamiaceae | *Orthosiphon* | 15 | 0.468 |
| Lejeuneaceae | *Leptolejeunea* | 10 | 0.4921 |
| Malvaceae | *Abroma* | 19 | 0.4248 |
| Melastomataceae | *Creochiton* | 10 | 0.4229 |
| Menispermaceae | *Stephania* | 46 | 0.4193 |
| Moraceae | *Parartocarpus* | 25 | 0.4128 |
| Moraceae | *Prainea* | 15 | 0.3919 |
| Musaceae | *Musa* | 13 | 0.483 |
| Myrsinaceae | *Fittingia* | 21 | 0.4653 |
| Myrtaceae | *Acmena* | 12 | 0.4534 |
| Olacaceae | *Anacolosa* | 14 | 0.497 |
| Orchidaceae | *Chilopogon* | 11 | 0.493 |
| Orchidaceae | *Corymborkis* | 12 | 0.4518 |
| Orchidaceae | *Dipodium* | 13 | 0.1989 |
| Orchidaceae | *Habenaria* | 34 | 0.4794 |
| Orchidaceae | *Robiquetia* | 14 | 0.492 |
| Orchidaceae | *Thelasis* | 11 | 0.4925 |
| Orchidaceae | *Tropidia* | 14 | 0.4769 |
| Orobanchaceae | *Striga* | 15 | 0.4851 |
| Phyllanthaceae | *Bischofia* | 41 | 0.463 |
| Poaceae | *Axonopus* | 19 | 0.4775 |
| Poaceae | *Bambusa* | 46 | 0.4959 |
| Poaceae | *Ichnanthus* | 22 | 0.4269 |
| Rhizophoraceae | *Carallia* | 42 | 0.4469 |
| Rubiaceae | *Cyclophyllum* | 34 | 0.4892 |
| Rubiaceae | *Gynochthodes* | 31 | 0.4476 |
| Sabiaceae | *Sabia* | 14 | 0.4606 |
| Salicaceae | *Xylosma* | 15 | 0.4724 |
| Sapindaceae | *Sarcotoechia* | 10 | 0.3707 |
| Scrophulariaceae | *Lymnophila* | 10 | 0.3838 |
| Sematophyllaceae | *Taxithelium* | 24 | 0.4682 |
| Solanaceae | *Physalis* | 30 | 0.417 |
| Vitaceae | *Ampelocissus* | 11 | 0.42 |
| Vittariaceae | *Haplopteris* | 35 | 0.4669 |
| Zingiberaceae | *Amomum* | 33 | 0.3868 |
| Zingiberaceae | *Zingiber* | 16 | 0.4904 |

**SUPPLEMENTARY MATERIAL 3:** List of genera with too few occurrences to use in the model

Table 3.1. Summary of genera with too few occurrences to run initially and after rarify and biases were conducted.

|  |  |  |
| --- | --- | --- |
|  | **Number of Genera** | **Occurrences** |
| Too few to run (after rarify, biases) | 178 | ~1600 |
| Too few occurrences initially | 905 | 3241 |

Table 3.2. List of genera with too few occurrences to run after rarify and biases were conducted and too few occurrences initially.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Too few occurrences to run (after rarify, biases, all are <10)** | | ***Too few occurrences initially*** | | |
| **Family** | **Genus** | ***Family*** | ***Genus*** | **Occurrences** |
| Acanthaceae | *Asystasia* | Acanthaceae | *Ancylacanthus* | 1 |
| Achariaceae | *Hydnocarpus* | Acanthaceae | *Aphelandra* | 3 |
| Acoraceae | *Acorus* | Acanthaceae | *Barleria* | 2 |
| Alismataceae | *Caldesia* | Acanthaceae | *Blechum* | 6 |
| Amaryllidaceae | *Crinum* | Acanthaceae | *Brunoniella* | 2 |
| Anacardiaceae | *Gluta* | Acanthaceae | *Dipteracanthus* | 5 |
| Annonaceae | *Fissistigma* | Acanthaceae | *Gendarussa* | 3 |
| Annonaceae | *Friesodielsia* | Acanthaceae | *Geunsia* | 6 |
| Annonaceae | *Meiogyne* | Acanthaceae | *Isoglossa* | 2 |
| Annonaceae | *Miliusa* | Acanthaceae | *Nelsonia* | 3 |
| Annonaceae | *Rauwenhoffia* | Acanthaceae | *Odontonema* | 1 |
| Apocynaceae | *Allamanda* | Acanthaceae | *Pachystachys* | 1 |
| Apocynaceae | *Carissa* | Acanthaceae | *Peristrophe* | 4 |
| Apocynaceae | *Catharanthus* | Acanthaceae | *Phlogacanthus* | 2 |
| Apocynaceae | *Secamone* | Acanthaceae | *Polytrema* | 2 |
| Araceae | *Aglaonema* | Acanthaceae | *Psacadocalymma* | 1 |
| Araceae | *Amorphophallus* | Acanthaceae | *Rhaphidospora* | 5 |
| Araceae | *Pistia* | Acanthaceae | *Sanchezia* | 5 |
| Araceae | *Syngonium* | Acanthaceae | *Strobilanthes* | 2 |
| Araceae | *Typhonium* | Acrobolbaceae | *Lethocolea* | 1 |
| Arecaceae | *Elaeis* | Acrobolbaceae | *Tylimanthus* | 8 |
| Arecaceae | *Pinanga* | Adelanthaceae | *Wettsteinia* | 2 |
| Asparagaceae | *Agave* | Adoxaceae | *Viburnum* | 2 |
| Asteraceae | *Cosmos* | Aizoaceae | *Trianthema* | 6 |
| Asteraceae | *Eleutheranthera* | Alismataceae | *Sagittaria* | 5 |
| Asteraceae | *Epaltes* | Alseuosmiaceae | *Periomphale* | 1 |
| Asteraceae | *Helianthus* | Alseuosmiaceae | *Wittsteinia* | 4 |
| Asteraceae | *Tithonia* | Alstroemeriaceae | *Luzuriaga* | 3 |
| Asteraceae | *Zinnia* | Amaranthaceae | *Aerva* | 2 |
| Balantiopsidaceae | *Isotachis* | Amaranthaceae | *Chenopodium* | 8 |
| Bignoniaceae | *Spathodea* | Amaranthaceae | *Psilotrichum* | 1 |
| Bignoniaceae | *Tecoma* | Amaranthaceae | *Ptilotus* | 1 |
| Bixaceae | *Cochlospermum* | Amaryllidaceae | *Proiphys* | 1 |
| Boraginaceae | *Argusia* | Amblystegiaceae | *Calliergon* | 9 |
| Boraginaceae | *Ehretia* | Amblystegiaceae | *Drepanocladus* | 2 |
| Brassicaceae | *Capsella* | Amblystegiaceae | *Limprichtia* | 3 |
| Cannaceae | *Canna* | Anacardiaceae | *Anacardium* | 4 |
| Caprifoliaceae | *Lonicera* | Anacardiaceae | *Koordersiodendron* | 1 |
| Caricaceae | *Carica* | Anacardiaceae | *Solenocarpus* | 3 |
| Caryophyllaceae | *Silene* | Anacardiaceae | *Toxicodendron* | 7 |
| Celastraceae | *Bhesa* | Annonaceae | *Alphonsea* | 3 |
| Celastraceae | *Euonymus* | Annonaceae | *Anaxagorea* | 1 |
| Celastraceae | *Gymnosporia* | Annonaceae | *Annona* | 2 |
| Chrysobalanaceae | *Hunga* | Annonaceae | *Cyathostemma* | 3 |
| Commelinaceae | *Tradescantia* | Annonaceae | *Desmos* | 1 |
| Convolvulaceae | *Operculina* | Annonaceae | *Enicosanthum* | 3 |
| Convolvulaceae | *Porana* | Annonaceae | *Huberantha* | 7 |
| Cucurbitaceae | *Benincasa* | Annonaceae | *Mitrephora* | 3 |
| Cucurbitaceae | *Cucurbita* | Annonaceae | *Petalolophus* | 6 |
| Cucurbitaceae | *Lagenaria* | Annonaceae | *Rollinia* | 1 |
| Cucurbitaceae | *Sechium* | Antheliaceae | *Anthelia* | 1 |
| Cyperaceae | *Actinoscirpus* | Apiaceae | *Andriana* | 2 |
| Cyperaceae | *Diplacrum* | Apiaceae | *Apium* | 2 |
| Cyperaceae | *Lepironia* | Apiaceae | *Cyclospermum* | 4 |
| Cyperaceae | *Remirea* | Apiaceae | *Lisaea* | 1 |
| Ditrichaceae | *Garckea* | Apiaceae | *Osmorhiza* | 2 |
| Euphorbiaceae | *Hevea* | Apiaceae | *Scandix* | 3 |
| Euphorbiaceae | *Jatropha* | Apocynaceae | *Bleekeria* | 1 |
| Euphorbiaceae | *Manihot* | Apocynaceae | *Brachystelma* | 3 |
| Euphorbiaceae | *Ricinus* | Apocynaceae | *Calotropis* | 4 |
| Fabaceae | *Aganope* | Apocynaceae | *Chilocarpus* | 2 |
| Fabaceae | *Brownea* | Apocynaceae | *Clitandropsis* | 2 |
| Fabaceae | *Butea* | Apocynaceae | *Delphyodon* | 8 |
| Fabaceae | *Calliandra* | Apocynaceae | *Dischidiopsis* | 1 |
| Fabaceae | *Castanospermum* | Apocynaceae | *Ervatamia* | 5 |
| Fabaceae | *Clitoria* | Apocynaceae | *Gymnema* | 9 |
| Fabaceae | *Cullen* | Apocynaceae | *Nerium* | 1 |
| Fabaceae | *Dumasia* | Apocynaceae | *Pachycarpus* | 1 |
| Fabaceae | *Enterolobium* | Apocynaceae | *Rejoua* | 9 |
| Fabaceae | *Eriosema* | Apocynaceae | *Saba* | 1 |
| Fabaceae | *Galactia* | Apocynaceae | *Trachelospermum* | 2 |
| Fabaceae | *Gliricidia* | Araceae | *Anthurium* | 1 |
| Fabaceae | *Lablab* | Araceae | *Arum* | 1 |
| Fabaceae | *Lathyrus* | Araceae | *Lasia* | 7 |
| Fabaceae | *Lonchocarpus* | Araceae | *Lemna* | 4 |
| Fabaceae | *Lupinus* | Araceae | *Pedicellarum* | 1 |
| Fabaceae | *Macrotyloma* | Araceae | *Raphidophora* | 1 |
| Fabaceae | *Mundulea* | Araceae | *Spirodela* | 9 |
| Fabaceae | *Neptunia* | Araceae | *Xanthosoma* | 1 |
| Fabaceae | *Ormosia* | Araliaceae | *Boerlagiodendron* | 5 |
| Fabaceae | *Pachyrhizus* | Araliaceae | *Delarbrea* | 4 |
| Fabaceae | *Peltophorum* | Araliaceae | *Meryta* | 2 |
| Fabaceae | *Pericopsis* | Araliaceae | *Plerandra* | 4 |
| Fabaceae | *Prosopis* | Arecaceae | *Borassus* | 4 |
| Fabaceae | *Psophocarpus* | Arecaceae | *Clinostigma* | 5 |
| Fabaceae | *Saraca* | Arecaceae | *Cocos* | 1 |
| Fabaceae | *Sophora* | Arecaceae | *Corypha* | 1 |
| Fabaceae | *Tamarindus* | Arecaceae | *Drymophloeus* | 8 |
| Fabaceae | *Vicia* | Arecaceae | *Gulubia* | 8 |
| Fabaceae | *Zornia* | Arecaceae | *Iguanura* | 1 |
| Goodeniaceae | *Goodenia* | Arecaceae | *Nypa* | 4 |
| Halimedaceae | *Halimeda* | Arecaceae | *Oraniopsis* | 3 |
| Hydrocharitaceae | *Enhalus* | Arecaceae | *Paralinospadix* | 2 |
| Hydrocharitaceae | *Halophila* | Arecaceae | *Physokentia* | 2 |
| Hydrocharitaceae | *Ottelia* | Arecaceae | *Sabal* | 1 |
| Hymenophyllaceae | *Callistopteris* | Arecaceae | *Saribus* | 2 |
| Icacinaceae | *Merrilliodendron* | Arecaceae | *Thrinax* | 1 |
| Lamiaceae | *Ceratanthus* | Arecaceae | *Veitchia* | 1 |
| Lamiaceae | *Tectona* | Asclepiadaceae | *Gymnanthera* | 5 |
| Lauraceae | *Dehaasia* | Asclepiadaceae | *Ischnostemma* | 2 |
| Lauraceae | *Nothaphoebe* | Asclepiadaceae | *Phyllanthera* | 7 |
| Lauraceae | *Persea* | Asclepiadaceae | *Stephanotis* | 1 |
| Loganiaceae | *Spigelia* | Asparagaceae | *Arthropodium* | 4 |
| Lythraceae | *Pemphis* | Asparagaceae | *Eustrephus* | 5 |
| Malpighiaceae | *Tristellateia* | Asparagaceae | *Romnalda* | 6 |
| Malvaceae | *Camptostemon* | Asparagaceae | *Thysanotus* | 6 |
| Malvaceae | *Ceiba* | Aspleniaceae | *Hymenasplenium* | 6 |
| Malvaceae | *Durio* | Aspleniaceae | *Loxoscaphe* | 2 |
| Malvaceae | *Gossypium* | Asteraceae | *Acanthospermum* | 2 |
| Malvaceae | *Malvastrum* | Asteraceae | *Artemisia* | 1 |
| Malvaceae | *Ochroma* | Asteraceae | *Aster* | 1 |
| Melastomataceae | *Pachycentria* | Asteraceae | *Bedfordia* | 3 |
| Melastomataceae | *Sonerila* | Asteraceae | *Brachycome* | 2 |
| Meliaceae | *Melia* | Asteraceae | *Brachyscome* | 6 |
| Menispermaceae | *Macrococculus* | Asteraceae | *Camptacra* | 9 |
| Molluginaceae | *Mollugo* | Asteraceae | *Celmisia* | 1 |
| Monimiaceae | *Matthaea* | Asteraceae | *Centratherum* | 8 |
| Moraceae | *Broussonetia* | Asteraceae | *Cirsium* | 1 |
| Moraceae | *Morus* | Asteraceae | *Conyza* | 5 |
| Myrtaceae | *Gossia* | Asteraceae | *Cotula* | 6 |
| Myrtaceae | *Kjellbergiodendron* | Asteraceae | *Crepis* | 3 |
| Myrtaceae | *Leptospermum* | Asteraceae | *Dicoma* | 1 |
| Myrtaceae | *Myrtus* | Asteraceae | *Glossocardia* | 3 |
| Myrtaceae | *Psidium* | Asteraceae | *Helichrysum* | 3 |
| Nelumbonaceae | *Nelumbo* | Asteraceae | *Hypochaeris* | 1 |
| Nyctaginaceae | *Mirabilis* | Asteraceae | *Lagenocypsela* | 6 |
| Ochnaceae | *Brackenridgea* | Asteraceae | *Laphangium* | 2 |
| Orchidaceae | *Cleisostoma* | Asteraceae | *Lepidaploa* | 4 |
| Orchidaceae | *Eulophia* | Asteraceae | *Myriactis* | 8 |
| Orchidaceae | *Flickingeria* | Asteraceae | *Phacellothrix* | 2 |
| Orchidaceae | *Grammatophyllum* | Asteraceae | *Phrygia* | 1 |
| Orchidaceae | *Hylophila* | Asteraceae | *Piora* | 4 |
| Orchidaceae | *Nervilia* | Asteraceae | *Pterocaulon* | 8 |
| Phyllanthaceae | *Sauropus* | Asteraceae | *Pyrethrum* | 1 |
| Plantaginaceae | *Angelonia* | Asteraceae | *Raoulia* | 2 |
| Plantaginaceae | *Russelia* | Asteraceae | *Rhamphogyne* | 1 |
| Plumbaginaceae | *Aegialitis* | Asteraceae | *Solidago* | 1 |
| Plumbaginaceae | *Plumbago* | Asteraceae | *Sparganophorus* | 1 |
| Poaceae | *Dactyloctenium* | Asteraceae | *Sphaeranthus* | 5 |
| Poaceae | *Dendrocalamus* | Asteraceae | *Sphaeromorphaea* | 7 |
| Poaceae | *Ectrosiopsis* | Asteraceae | *Spilanthes* | 6 |
| Poaceae | *Elymus* | Asteraceae | *Strobocalyx* | 1 |
| Poaceae | *Eriochloa* | Asteraceae | *Tanacetum* | 4 |
| Poaceae | *Lepturus* | Asteraceae | *Vittadinia* | 2 |
| Poaceae | *Lolium* | Asteraceae | *Wedelia* | 7 |
| Poaceae | *Thuarea* | Asteraceae | *Xanthium* | 3 |
| Podocarpaceae | *Retrophyllum* | Athyriaceae | *Acystopteris* | 2 |
| Polygalaceae | *Salomonia* | Athyriaceae | *Anisocampium* | 1 |
| Polygonaceae | *Antigonon* | Athyriaceae | *Diplaziopsis* | 9 |
| Pteridaceae | *Gaga* | Athyriaceae | *Dryoathyrium* | 3 |
| Restionaceae | *Dapsilanthus* | Balanophoraceae | *Langsdorffia* | 6 |
| Rubiaceae | *Bikkia* | Bartramiaceae | *Anacolia* | 4 |
| Rubiaceae | *Cinchona* | Bartramiaceae | *Conostomum* | 2 |
| Rubiaceae | *Coffea* | Bartramiaceae | *Fleischerobryum* | 3 |
| Rubiaceae | *Paederia* | Bartramiaceae | *Leiomela* | 8 |
| Rubiaceae | *Pentas* | Bataceae | *Batis* | 4 |
| Rubiaceae | *Sarcocephalus* | Batrachospermaceae | *Batrachospermum* | 3 |
| Rubiaceae | *Scyphiphora* | Berberidaceae | *Caulophyllum* | 1 |
| Rutaceae | *Clymenia* | Bignoniaceae | *Jacaranda* | 2 |
| Rutaceae | *Triphasia* | Bignoniaceae | *Lamiodendron* | 6 |
| Santalaceae | *Ginalloa* | Bignoniaceae | *Saritaea* | 1 |
| Sapindaceae | *Dimocarpus* | Blechnaceae | *Woodwardia* | 8 |
| Sapindaceae | *Nephelium* | Boraginaceae | *Bothriospermum* | 5 |
| Sapindaceae | *Rhysotoechia* | Boraginaceae | *Carmona* | 7 |
| Sapindaceae | *Synima* | Boraginaceae | *Coldenia* | 3 |
| Sapotaceae | *Manilkara* | Boraginaceae | *Halgania* | 1 |
| Sapotaceae | *Mimusops* | Boraginaceae | *Lithospermum* | 1 |
| Sapotaceae | *Pichonia* | Boraginaceae | *Trichodesma* | 2 |
| Sematophyllaceae | *Radulina* | Brachytheciaceae | *Cirriphyllum* | 1 |
| Simaroubaceae | *Soulamea* | Brachytheciaceae | *Eurhynchium* | 1 |
| Solanaceae | *Capsicum* | Brachytheciaceae | *Platyhypnidium* | 8 |
| Solanaceae | *Datura* | Brachytheciaceae | *Rhynchostegiella* | 4 |
| Talinaceae | *Talinum* | Brachytheciaceae | *Unclejackia* | 3 |
| Tectariaceae | *Pteridrys* | Brassicaceae | *Papuzilla* | 3 |
| Verbenaceae | *Duranta* | Brassicaceae | *Raphanus* | 2 |
| Verbenaceae | *Phyla* | Bryaceae | *Imbribryum* | 5 |
| Zingiberaceae | *Globba* | Bryaceae | *Mielichhoferia* | 4 |
| Zingiberaceae | *Hedychium* | Bryaceae | *Orthodontium* | 4 |
| Zygophyllaceae | *Tribulus* | Bryaceae | *Ptychostomum* | 1 |
|  |  | Burmanniaceae | *Thismia* | 2 |
|  |  | Burseraceae | *Bursera* | 1 |
|  |  | Burseraceae | *Rosselia* | 4 |
|  |  | Burseraceae | *Scutinanthe* | 2 |
|  |  | Buxbaumiaceae | *Buxbaumia* | 6 |
|  |  | Calymperaceae | *Thyridium* | 1 |
|  |  | Calypogeiaceae | *Mnioloma* | 1 |
|  |  | Campanulaceae | *Cyclocodon* | 9 |
|  |  | Campanulaceae | *Hippobroma* | 4 |
|  |  | Campanulaceae | *Pratia* | 6 |
|  |  | Campanulaceae | *Ruthiella* | 2 |
|  |  | Capparaceae | *Celome* | 4 |
|  |  | Cardiopteridaceae | *Peripterygium* | 4 |
|  |  | Caryophyllaceae | *Agrostemma* | 1 |
|  |  | Caryophyllaceae | *Colobanthus* | 2 |
|  |  | Caryophyllaceae | *Polycarpaea* | 7 |
|  |  | Caryophyllaceae | *Scleranthus* | 9 |
|  |  | Casuarinaceae | *Ceuthostoma* | 2 |
|  |  | Caulacanthaceae | *Catenella* | 1 |
|  |  | Caulerpaceae | *Caulerpa* | 6 |
|  |  | Celastraceae | *Maytenus* | 7 |
|  |  | Celastraceae | *Pleurostylia* | 2 |
|  |  | Cephaloziaceae | *Cephalozia* | 1 |
|  |  | Cephaloziaceae | *Metahygrobiella* | 3 |
|  |  | Cephaloziaceae | *Nowellia* | 3 |
|  |  | Cephaloziaceae | *Odontoschisma* | 3 |
|  |  | Cephaloziaceae | *Schiffneria* | 1 |
|  |  | Cephaloziellaceae | *Cephaloziella* | 1 |
|  |  | Cephaloziellaceae | *Cylindrocolea* | 3 |
|  |  | Characeae | *Lychnothamnus* | 1 |
|  |  | Chenopodiaceae | *Salicornia* | 1 |
|  |  | Chrysobalanaceae | *Cyclandrophora* | 1 |
|  |  | Chrysobalanaceae | *Dactyladenia* | 2 |
|  |  | Chrysobalanaceae | *Licania* | 3 |
|  |  | Cladophoraceae | *Chaetomorpha* | 1 |
|  |  | Cladophoraceae | *Pithophora* | 1 |
|  |  | Cladophoraceae | *Rhizoclonium* | 2 |
|  |  | Cleomaceae | *Hemiscola* | 3 |
|  |  | Cleomaceae | *Tarenaya* | 2 |
|  |  | Clusiaceae | *Kayea* | 9 |
|  |  | Clusiaceae | *Mesua* | 9 |
|  |  | Clusiaceae | *Nouhuysia* | 2 |
|  |  | Clusiaceae | *Ochrocarpos* | 1 |
|  |  | Colchicaceae | *Gloriosa* | 3 |
|  |  | Combretaceae | *Quisqualis* | 9 |
|  |  | Commelinaceae | *Aclisia* | 3 |
|  |  | Commelinaceae | *Cartonema* | 1 |
|  |  | Commelinaceae | *Cyanotis* | 8 |
|  |  | Commelinaceae | *Dictyospermum* | 5 |
|  |  | Commelinaceae | *Forrestia* | 4 |
|  |  | Commelinaceae | *Rhopalephora* | 1 |
|  |  | Commelinaceae | *Tricarpelema* | 1 |
|  |  | Convolvulaceae | *Hewittia* | 1 |
|  |  | Convolvulaceae | *Xenostegia* | 1 |
|  |  | Corallinaceae | *Cheilosporum* | 1 |
|  |  | Corallinaceae | *Jania* | 1 |
|  |  | Costaceae | *Costus* | 1 |
|  |  | Crassulaceae | *Bryophyllum* | 3 |
|  |  | Crassulaceae | *Kalanchoe* | 1 |
|  |  | Cryphaeaceae | *Acrocryphaea* | 1 |
|  |  | Cucurbitaceae | *Bryonia* | 2 |
|  |  | Cucurbitaceae | *Bryonopsis* | 7 |
|  |  | Cucurbitaceae | *Cyclanthera* | 1 |
|  |  | Cucurbitaceae | *Gomphogyne* | 2 |
|  |  | Cucurbitaceae | *Muckia* | 2 |
|  |  | Cucurbitaceae | *Muellerargia* | 4 |
|  |  | Cucurbitaceae | *Papuasicyos* | 5 |
|  |  | Cucurbitaceae | *Thladiantha* | 2 |
|  |  | Culcitaceae | *Culcita* | 7 |
|  |  | Cunoniaceae | *Geissois* | 1 |
|  |  | Cupressaceae | *Cryptomeria* | 3 |
|  |  | Cupressaceae | *Libocedrus* | 2 |
|  |  | Cyatheaceae | *Alsophila* | 5 |
|  |  | Cyatheaceae | *Sphaeropteris* | 4 |
|  |  | Cymodoceaceae | *Cymodocea* | 9 |
|  |  | Cymodoceaceae | *Halodule* | 6 |
|  |  | Cymodoceaceae | *Syringodium* | 3 |
|  |  | Cyperaceae | *Baumea* | 2 |
|  |  | Cyperaceae | *Bolboschoenus* | 3 |
|  |  | Cyperaceae | *Capitularia* | 1 |
|  |  | Cyperaceae | *Capitularina* | 9 |
|  |  | Cyperaceae | *Cladium* | 8 |
|  |  | Cyperaceae | *Exocarya* | 4 |
|  |  | Cyperaceae | *Lepidosperma* | 2 |
|  |  | Cyperaceae | *Scirpodendron* | 4 |
|  |  | Cyperaceae | *Thoracostachyum* | 4 |
|  |  | Cystocloniaceae | *Fimbrifolium* | 3 |
|  |  | Daltoniaceae | *Distichophyllidium* | 3 |
|  |  | Daltoniaceae | *Lepidopilum* | 3 |
|  |  | Dennstaedtiaceae | *Ithycaulon* | 2 |
|  |  | Dicksoniaceae | *Cibotium* | 2 |
|  |  | Dicnemonaceae | *Eucamptodon* | 3 |
|  |  | Dicnemonaceae | *Synodontia* | 3 |
|  |  | Dicranaceae | *Campylopodiella* | 3 |
|  |  | Dicranaceae | *Chorisodontium* | 3 |
|  |  | Dicranaceae | *Cladopodanthus* | 4 |
|  |  | Dicranaceae | *Dichodontium* | 4 |
|  |  | Dicranaceae | *Dicranodontium* | 9 |
|  |  | Dicranaceae | *Dicranoweisia* | 2 |
|  |  | Dicranaceae | *Microcampylopus* | 3 |
|  |  | Dipteridaceae | *Phymatodes* | 3 |
|  |  | Dipterocarpaceae | *Shorea* | 9 |
|  |  | Ditrichaceae | *Rhamphidium* | 4 |
|  |  | Ditrichaceae | *Wilsoniella* | 7 |
|  |  | Dryopteridaceae | *Arcypteris* | 4 |
|  |  | Dryopteridaceae | *Chlamydogramme* | 9 |
|  |  | Dryopteridaceae | *Hypodematium* | 4 |
|  |  | Dryopteridaceae | *Stenosemia* | 3 |
|  |  | Elaeocarpaceae | *Peripentadenia* | 2 |
|  |  | Elatinaceae | *Elatine* | 4 |
|  |  | Encalyptaceae | *Encalypta* | 1 |
|  |  | Entodontaceae | *Plagiotheciopsis* | 6 |
|  |  | Entodontaceae | *Trachyphyllum* | 5 |
|  |  | Eriocaulaceae | *Syngonanthus* | 3 |
|  |  | Euphorbiaceae | *Agrostistachys* | 3 |
|  |  | Euphorbiaceae | *Bischoffia* | 1 |
|  |  | Euphorbiaceae | *Chamaesyce* | 6 |
|  |  | Euphorbiaceae | *Dimorphocalyx* | 4 |
|  |  | Euphorbiaceae | *Flueggia* | 2 |
|  |  | Euphorbiaceae | *Fontainea* | 6 |
|  |  | Euphorbiaceae | *Gymnanthes* | 1 |
|  |  | Euphorbiaceae | *Hura* | 2 |
|  |  | Euphorbiaceae | *Koilodepas* | 5 |
|  |  | Euphorbiaceae | *Leptopus* | 1 |
|  |  | Euphorbiaceae | *Octospermum* | 1 |
|  |  | Euphorbiaceae | *Ptychopyxis* | 7 |
|  |  | Euphorbiaceae | *Ryparia* | 1 |
|  |  | Euphorbiaceae | *Sapium* | 1 |
|  |  | Euphorbiaceae | *Suregada* | 9 |
|  |  | Euphorbiaceae | *Syndyophyllum* | 4 |
|  |  | Euphorbiaceae | *Trigonostemon* | 6 |
|  |  | Euphorbiaceae | *Wetria* | 4 |
|  |  | Fabaceae | *Abarema* | 9 |
|  |  | Fabaceae | *Acaciella* | 1 |
|  |  | Fabaceae | *Anadenanthera* | 4 |
|  |  | Fabaceae | *Aphyllodium* | 4 |
|  |  | Fabaceae | *Archidendropsis* | 9 |
|  |  | Fabaceae | *Austrosteenisia* | 8 |
|  |  | Fabaceae | *Calpurnia* | 1 |
|  |  | Fabaceae | *Colvillea* | 2 |
|  |  | Fabaceae | *Desmanthus* | 1 |
|  |  | Fabaceae | *Lotononis* | 1 |
|  |  | Fabaceae | *Lotus* | 1 |
|  |  | Fabaceae | *Lysiphyllum* | 4 |
|  |  | Fabaceae | *Neonotonia* | 2 |
|  |  | Fabaceae | *Ototropis* | 1 |
|  |  | Fabaceae | *Pararchidendron* | 9 |
|  |  | Fabaceae | *Prioria* | 3 |
|  |  | Fabaceae | *Solori* | 2 |
|  |  | Fagaceae | *Pasania* | 9 |
|  |  | Fagaceae | *Quercus* | 8 |
|  |  | Flacourtiaceae | *Scolopia* | 7 |
|  |  | Funariaceae | *Physcomitrium* | 3 |
|  |  | Galaxauraceae | *Galaxaura* | 2 |
|  |  | Gelidiaceae | *Gelidium* | 5 |
|  |  | Gentianaceae | *Centaurium* | 1 |
|  |  | Gentianaceae | *Cotylanthera* | 8 |
|  |  | Gentianaceae | *Lisianthus* | 1 |
|  |  | Gesneriaceae | *Dichotrichum* | 1 |
|  |  | Gesneriaceae | *Episcia* | 1 |
|  |  | Gesneriaceae | *Epithema* | 1 |
|  |  | Gesneriaceae | *Monophyllaea* | 7 |
|  |  | Gesneriaceae | *Oxychlamys* | 1 |
|  |  | Gesneriaceae | *Paraboea* | 1 |
|  |  | Gesneriaceae | *Sinningia* | 1 |
|  |  | Gesneriaceae | *Trichosporum* | 2 |
|  |  | Gnetaceae | *Thoa* | 1 |
|  |  | Goodeniaceae | *Calogyne* | 2 |
|  |  | Goodeniaceae | *Leschenaultia* | 2 |
|  |  | Goodeniaceae | *Velleia* | 4 |
|  |  | Grammitidaceae | *Acrosorus* | 5 |
|  |  | Grammitidaceae | *Chrysogrammitis* | 3 |
|  |  | Grammitidaceae | *Nematopteris* | 1 |
|  |  | Grammitidaceae | *Radiogrammitis* | 7 |
|  |  | Grimmiaceae | *Grimmia* | 5 |
|  |  | Gymnomitriaceae | *Gymnomitrion* | 1 |
|  |  | Halymeniaceae | *Halymenia* | 2 |
|  |  | Hernandiaceae | *Illigera* | 1 |
|  |  | Himantandraceae | *Himantandra* | 1 |
|  |  | Hookeriaceae | *Bryobrothera* | 1 |
|  |  | Hookeriaceae | *Calyptrochaeta* | 5 |
|  |  | Hookeriaceae | *Eriopus* | 6 |
|  |  | Hookeriaceae | *Hookeria* | 1 |
|  |  | Hookeriaceae | *Hookeriopsis* | 5 |
|  |  | Hookeriaceae | *Pterygophyllum* | 6 |
|  |  | Hydrocharitaceae | *Hydrilla* | 6 |
|  |  | Hydrocharitaceae | *Hydrocharis* | 3 |
|  |  | Hydrocharitaceae | *Thalassia* | 7 |
|  |  | Hymenophyllaceae | *Didymoglossum* | 1 |
|  |  | Hymenophyllaceae | *Polyphlebium* | 4 |
|  |  | Hypnaceae | *Ectropotheciopsis* | 4 |
|  |  | Hypnaceae | *Giraldiella* | 1 |
|  |  | Hypnaceae | *Glossadelphus* | 9 |
|  |  | Hypnaceae | *Gollania* | 4 |
|  |  | Hypnaceae | *Hypnum* | 3 |
|  |  | Hypnaceae | *Leucomium* | 4 |
|  |  | Hypnaceae | *Macrothamniella* | 6 |
|  |  | Hypnaceae | *Rhizohypnella* | 3 |
|  |  | Hypnaceae | *Taxiphyllum* | 7 |
|  |  | Hypnaceae | *Trachythecium* | 9 |
|  |  | Hypnodendraceae | *Mniodendron* | 8 |
|  |  | Hypnodendraceae | *Sciadocladus* | 1 |
|  |  | Hypoxidaceae | *Hypoxis* | 3 |
|  |  | Icacinaceae | *Iodes* | 1 |
|  |  | Icacinaceae | *Phytocrene* | 7 |
|  |  | Iridaceae | *Sisyrinchium* | 7 |
|  |  | Iridaceae | *Tritonia* | 4 |
|  |  | Joinvilleaceae | *Joinvillea* | 3 |
|  |  | Jubulaceae | *Jubula* | 4 |
|  |  | Juncaginaceae | *Cycnogeton* | 2 |
|  |  | Juncaginaceae | *Triglochin* | 2 |
|  |  | Lamiaceae | *Clinopodium* | 1 |
|  |  | Lamiaceae | *Cymaria* | 3 |
|  |  | Lamiaceae | *Glossocarya* | 7 |
|  |  | Lamiaceae | *Marsypianthes* | 4 |
|  |  | Lamiaceae | *Mesona* | 7 |
|  |  | Lamiaceae | *Mesosphaerum* | 1 |
|  |  | Lamiaceae | *Satureja* | 2 |
|  |  | Lamiaceae | *Teucrium* | 4 |
|  |  | Lamiaceae | *Teysmanniodendron* | 1 |
|  |  | Lauraceae | *Brassiodendron* | 1 |
|  |  | Lauraceae | *Lindera* | 3 |
|  |  | Lauraceae | *Notaphoebe* | 1 |
|  |  | Lejeuneaceae | *Acanthocoleus* | 2 |
|  |  | Lejeuneaceae | *Diplasiolejeunea* | 1 |
|  |  | Lejeuneaceae | *Harpalejeunea* | 1 |
|  |  | Lejeuneaceae | *Leucolejeunea* | 5 |
|  |  | Lejeuneaceae | *Metalejeunea* | 4 |
|  |  | Lejeuneaceae | *Microlejeunea* | 3 |
|  |  | Lejeuneaceae | *Myriocoleopsis* | 1 |
|  |  | Lejeuneaceae | *Otolejeunea* | 5 |
|  |  | Lejeuneaceae | *Papillolejeunea* | 9 |
|  |  | Lejeuneaceae | *Phaeolejeunea* | 2 |
|  |  | Lejeuneaceae | *Plagiolejeunea* | 1 |
|  |  | Lejeuneaceae | *Prionolejeunea* | 1 |
|  |  | Lejeuneaceae | *Stictolejeunea* | 1 |
|  |  | Lejeuneaceae | *Trachylejeunea* | 1 |
|  |  | Lejeuneaceae | *Trocholejeunea* | 9 |
|  |  | Lejeuneaceae | *Tuyamaella* | 4 |
|  |  | Lepidoziaceae | *Arachniopsis* | 3 |
|  |  | Lepidoziaceae | *Neolepidozia* | 2 |
|  |  | Lepidoziaceae | *Psiloclada* | 9 |
|  |  | Lepidoziaceae | *Zoopsis* | 8 |
|  |  | Leptodontaceae | *Caduciella* | 8 |
|  |  | Leskeaceae | *Duthiella* | 3 |
|  |  | Leskeaceae | *Lindbergia* | 6 |
|  |  | Leskeaceae | *Pseudoleskeopsis* | 4 |
|  |  | Leskeaceae | *Schwetschkea* | 3 |
|  |  | Leucodontaceae | *Forsstroemia* | 6 |
|  |  | Liliaceae | *Drakaina* | 7 |
|  |  | Linaceae | *Ixionanthes* | 1 |
|  |  | Lindsaeaceae | *Osmolindsaea* | 1 |
|  |  | Loganiaceae | *Mitreola* | 1 |
|  |  | Lomariopsidaceae | *Cyclopeltis* | 9 |
|  |  | Lomariopsidaceae | *Thysanosoria* | 1 |
|  |  | Lomentariaceae | *Gelidiopsis* | 1 |
|  |  | Lophocoleaceae | *Conoscyphus* | 4 |
|  |  | Lophocoleaceae | *Leptoscyphus* | 3 |
|  |  | Lophoziaceae | *Denotrarisia* | 3 |
|  |  | Loranthaceae | *Amylotheca* | 9 |
|  |  | Loranthaceae | *Bakerella* | 4 |
|  |  | Loranthaceae | *Cyne* | 4 |
|  |  | Loranthaceae | *Loranthus* | 5 |
|  |  | Loranthaceae | *Phrygilanthus* | 4 |
|  |  | Loranthaceae | *Scurrula* | 1 |
|  |  | Lythraceae | *Ammannia* | 5 |
|  |  | Lythraceae | *Cuphea* | 7 |
|  |  | Lythraceae | *Lawsonia* | 1 |
|  |  | Lythraceae | *Lythrum* | 3 |
|  |  | Magnoliaceae | *Talauma* | 1 |
|  |  | Malpighiaceae | *Malpighia* | 3 |
|  |  | Malpighiaceae | *Rhyssopteris* | 1 |
|  |  | Malvaceae | *Aquilaria* | 5 |
|  |  | Malvaceae | *Eleutherostylis* | 3 |
|  |  | Malvaceae | *Fioria* | 5 |
|  |  | Malvaceae | *Hildegardia* | 1 |
|  |  | Malvaceae | *Kosteletzkya* | 1 |
|  |  | Malvaceae | *Malachra* | 1 |
|  |  | Malvaceae | *Malva* | 3 |
|  |  | Malvaceae | *Malvaviscus* | 2 |
|  |  | Malvaceae | *Melhania* | 3 |
|  |  | Malvaceae | *Papuodendron* | 9 |
|  |  | Malvaceae | *Pentapetes* | 1 |
|  |  | Malvaceae | *Pterospermum* | 1 |
|  |  | Marantaceae | *Calathea* | 1 |
|  |  | Marantaceae | *Clinogyne* | 1 |
|  |  | Marantaceae | *Megaphrynium* | 1 |
|  |  | Marantaceae | *Phacelophrynium* | 4 |
|  |  | Marantaceae | *Stachyphrynium* | 1 |
|  |  | Marattiaceae | *Marrattia* | 4 |
|  |  | Marattiaceae | *Pecopteris* | 1 |
|  |  | Matoniaceae | *Phanerosorus* | 5 |
|  |  | Melastomataceae | *Bamlera* | 2 |
|  |  | Melastomataceae | *Clidemia* | 4 |
|  |  | Melastomataceae | *Diplectria* | 8 |
|  |  | Melastomataceae | *Everettia* | 3 |
|  |  | Melastomataceae | *Hederella* | 5 |
|  |  | Melastomataceae | *Heteroblemma* | 2 |
|  |  | Melastomataceae | *Heterocentron* | 6 |
|  |  | Melastomataceae | *Hypenanthe* | 1 |
|  |  | Melastomataceae | *Kibessia* | 1 |
|  |  | Melastomataceae | *Macrolenes* | 1 |
|  |  | Melastomataceae | *Phyllapophysis* | 1 |
|  |  | Melastomataceae | *Tibouchina* | 3 |
|  |  | Meliaceae | *Anthocarapa* | 6 |
|  |  | Meliaceae | *Carapa* | 1 |
|  |  | Meliaceae | *Clemensia* | 1 |
|  |  | Meliaceae | *Didymocheton* | 2 |
|  |  | Meliaceae | *Epicharis* | 1 |
|  |  | Meliaceae | *Lansium* | 2 |
|  |  | Meliaceae | *Pseudoclausena* | 1 |
|  |  | Meliaceae | *Reinwardtiodendron* | 1 |
|  |  | Meliaceae | *Sandoricum* | 7 |
|  |  | Meliaceae | *Synoum* | 7 |
|  |  | Meliaceae | *Turraea* | 9 |
|  |  | Menispermaceae | *Albertisia* | 8 |
|  |  | Menispermaceae | *Carronia* | 4 |
|  |  | Menispermaceae | *Cocculus* | 1 |
|  |  | Menispermaceae | *Limacia* | 1 |
|  |  | Menispermaceae | *Pachygone* | 5 |
|  |  | Menispermaceae | *Sarcopetalum* | 4 |
|  |  | Menispermaceae | *Tinomiscium* | 9 |
|  |  | Meteoriaceae | *Barbella* | 8 |
|  |  | Meteoriaceae | *Chrysocladium* | 1 |
|  |  | Mimosaceae | *Albizzia* | 9 |
|  |  | Mniaceae | *Orthomniopsis* | 7 |
|  |  | Monachosoraceae | *Monachosorum* | 4 |
|  |  | Monimiaceae | *Anthobembix* | 2 |
|  |  | Monimiaceae | *Faika* | 2 |
|  |  | Monimiaceae | *Hedycarya* | 7 |
|  |  | Monimiaceae | *Monimia* | 1 |
|  |  | Monimiaceae | *Tetrasynandra* | 1 |
|  |  | Monimiaceae | *Wilkiea* | 6 |
|  |  | Moraceae | *Dammaropsis* | 2 |
|  |  | Moraceae | *Malaisia* | 2 |
|  |  | Moraceae | *Paratrophis* | 1 |
|  |  | Moraceae | *Pseudotrophis* | 1 |
|  |  | Moringaceae | *Moringa* | 5 |
|  |  | Musaceae | *Ensete* | 3 |
|  |  | Myristicaceae | *Knema* | 3 |
|  |  | Myrsinaceae | *Grenacheria* | 7 |
|  |  | Myrsinaceae | *Hymenandra* | 1 |
|  |  | Myrsinaceae | *Labisia* | 5 |
|  |  | Myrsinaceae | *Loheria* | 9 |
|  |  | Myrtaceae | *Acmenosperma* | 2 |
|  |  | Myrtaceae | *Baeckea* | 9 |
|  |  | Myrtaceae | *Cleistocalyx* | 2 |
|  |  | Myrtaceae | *Mosiera* | 1 |
|  |  | Myrtaceae | *Myrceugenia* | 1 |
|  |  | Myrtaceae | *Osbornia* | 6 |
|  |  | Myrtaceae | *Pilidiostigma* | 2 |
|  |  | Myrtaceae | *Syncarpia* | 3 |
|  |  | Neckeraceae | *Neomacounia* | 1 |
|  |  | Neckeraceae | *Porotrichum* | 1 |
|  |  | Neckeraceae | *Thamnobryum* | 7 |
|  |  | Nelumbonaceae | *Nelumbium* | 1 |
|  |  | Notothyladaceae | *Notothylas* | 4 |
|  |  | Nymphaeaceae | *Hydrostemma* | 8 |
|  |  | Olacaceae | *Ximenia* | 7 |
|  |  | Oleaceae | *Linociera* | 5 |
|  |  | Oleaceae | *Myxopyrum* | 7 |
|  |  | Ophioglossaceae | *Japanobotrychum* | 1 |
|  |  | Ophioglossaceae | *Sceptridium* | 2 |
|  |  | Opiliaceae | *Champereia* | 1 |
|  |  | Opiliaceae | *Lepionurus* | 2 |
|  |  | Orchidaceae | *Acanthophippium* | 5 |
|  |  | Orchidaceae | *Adenoncos* | 4 |
|  |  | Orchidaceae | *Amblyanthe* | 7 |
|  |  | Orchidaceae | *Anoectochilus* | 9 |
|  |  | Orchidaceae | *Aphyllorchis* | 2 |
|  |  | Orchidaceae | *Ascoglossum* | 1 |
|  |  | Orchidaceae | *Calcearia* | 1 |
|  |  | Orchidaceae | *Calochilus* | 2 |
|  |  | Orchidaceae | *Calymmanthera* | 2 |
|  |  | Orchidaceae | *Cephalantheropsis* | 3 |
|  |  | Orchidaceae | *Cestichis* | 1 |
|  |  | Orchidaceae | *Chamaeanthus* | 3 |
|  |  | Orchidaceae | *Cheirostylis* | 8 |
|  |  | Orchidaceae | *Chitonanthera* | 5 |
|  |  | Orchidaceae | *Chrysoglossum* | 2 |
|  |  | Orchidaceae | *Cirrhopetalum* | 1 |
|  |  | Orchidaceae | *Claderia* | 1 |
|  |  | Orchidaceae | *Coelandria* | 2 |
|  |  | Orchidaceae | *Collabium* | 2 |
|  |  | Orchidaceae | *Corymborchis* | 2 |
|  |  | Orchidaceae | *Cylindrolobus* | 3 |
|  |  | Orchidaceae | *Cymbidium* | 8 |
|  |  | Orchidaceae | *Cyphochilus* | 6 |
|  |  | Orchidaceae | *Cystorchis* | 2 |
|  |  | Orchidaceae | *Didymoplexis* | 3 |
|  |  | Orchidaceae | *Dienia* | 2 |
|  |  | Orchidaceae | *Diglyphosa* | 3 |
|  |  | Orchidaceae | *Dimorphorchis* | 4 |
|  |  | Orchidaceae | *Epidendrum* | 2 |
|  |  | Orchidaceae | *Epipogium* | 9 |
|  |  | Orchidaceae | *Erythrodes* | 6 |
|  |  | Orchidaceae | *Eucosia* | 1 |
|  |  | Orchidaceae | *Euphlebium* | 2 |
|  |  | Orchidaceae | *Galeola* | 5 |
|  |  | Orchidaceae | *Geodorum* | 5 |
|  |  | Orchidaceae | *Giulianettia* | 7 |
|  |  | Orchidaceae | *Hapalochilus* | 1 |
|  |  | Orchidaceae | *Herpethophytum* | 1 |
|  |  | Orchidaceae | *Hippeophyllum* | 7 |
|  |  | Orchidaceae | *Hymeneria* | 2 |
|  |  | Orchidaceae | *Kuhlhasseltia* | 1 |
|  |  | Orchidaceae | *Laelianthe* | 1 |
|  |  | Orchidaceae | *Lecanorchis* | 4 |
|  |  | Orchidaceae | *Luisia* | 7 |
|  |  | Orchidaceae | *Malleola* | 6 |
|  |  | Orchidaceae | *Micropera* | 4 |
|  |  | Orchidaceae | *Microstylis* | 1 |
|  |  | Orchidaceae | *Mycaranthes* | 4 |
|  |  | Orchidaceae | *Myrmechis* | 1 |
|  |  | Orchidaceae | *Oxyglossellum* | 2 |
|  |  | Orchidaceae | *Oxysepala* | 2 |
|  |  | Orchidaceae | *Parapteroceras* | 1 |
|  |  | Orchidaceae | *Pelma* | 2 |
|  |  | Orchidaceae | *Phalaenopsis* | 1 |
|  |  | Orchidaceae | *Pinalia* | 6 |
|  |  | Orchidaceae | *Platanthera* | 1 |
|  |  | Orchidaceae | *Platylepis* | 1 |
|  |  | Orchidaceae | *Poaephyllum* | 6 |
|  |  | Orchidaceae | *Porphyrodesme* | 2 |
|  |  | Orchidaceae | *Pristiglottis* | 5 |
|  |  | Orchidaceae | *Pseudoliparis* | 1 |
|  |  | Orchidaceae | *Pteroceras* | 2 |
|  |  | Orchidaceae | *Renanthera* | 7 |
|  |  | Orchidaceae | *Rhinerrhiza* | 1 |
|  |  | Orchidaceae | *Rhinerrhizopsis* | 7 |
|  |  | Orchidaceae | *Rhynchophreatia* | 3 |
|  |  | Orchidaceae | *Ridleyella* | 8 |
|  |  | Orchidaceae | *Saccoglossum* | 6 |
|  |  | Orchidaceae | *Saccolabiopsis* | 1 |
|  |  | Orchidaceae | *Salacistis* | 6 |
|  |  | Orchidaceae | *Sarcanthopsis* | 6 |
|  |  | Orchidaceae | *Sarcochilus* | 8 |
|  |  | Orchidaceae | *Sarcoglottis* | 2 |
|  |  | Orchidaceae | *Sayeria* | 2 |
|  |  | Orchidaceae | *Schoenorchis* | 7 |
|  |  | Orchidaceae | *Sepalosiphon* | 1 |
|  |  | Orchidaceae | *Sestochilos* | 1 |
|  |  | Orchidaceae | *Stereosandra* | 2 |
|  |  | Orchidaceae | *Stigmatodactylus* | 8 |
|  |  | Orchidaceae | *Trachoma* | 3 |
|  |  | Orchidaceae | *Tuberolabium* | 3 |
|  |  | Orchidaceae | *Vanda* | 9 |
|  |  | Orchidaceae | *Vandopsis* | 4 |
|  |  | Orchidaceae | *Vanilla* | 8 |
|  |  | Orobanchaceae | *Aeginetia* | 9 |
|  |  | Orobanchaceae | *Centranthera* | 7 |
|  |  | Orthotrichaceae | *Groutiella* | 3 |
|  |  | Orthotrichaceae | *Macrocoma* | 4 |
|  |  | Orthotrichaceae | *Orthotrichum* | 9 |
|  |  | Osmundaceae | *Cladophlebis* | 1 |
|  |  | Osmundaceae | *Osmunda* | 1 |
|  |  | Oxalidaceae | *Biophytum* | 5 |
|  |  | Oxalidaceae | *Xanthoxalis* | 2 |
|  |  | Pallaviciniaceae | *Podomitrium* | 5 |
|  |  | Pallaviciniaceae | *Symphyogyna* | 7 |
|  |  | Pallaviciniaceae | *Symphyogynopsis* | 4 |
|  |  | Pandanaceae | *Benstonea* | 7 |
|  |  | Pandanaceae | *Sararanga* | 6 |
|  |  | Papaveraceae | *Argemone* | 1 |
|  |  | Passifloraceae | *Tacsonia* | 2 |
|  |  | Pedaliaceae | *Ceratotheca* | 1 |
|  |  | Pentoxylaceae | *Taeniopteris* | 1 |
|  |  | Peraceae | *Chaetocarpus* | 1 |
|  |  | Peranemaceae | *Diacalpe* | 5 |
|  |  | Phellinaceae | *Phelline* | 3 |
|  |  | Philydraceae | *Helmholtzia* | 4 |
|  |  | Phyllanthaceae | *Distichirhops* | 6 |
|  |  | Phyllanthaceae | *Flueggea* | 3 |
|  |  | Phyllanthaceae | *Margaritaria* | 2 |
|  |  | Phyllanthaceae | *Notoleptopus* | 1 |
|  |  | Phyllanthaceae | *Synostemon* | 1 |
|  |  | Phyllodrepaniaceae | *Mniomalia* | 1 |
|  |  | Phyllogoniaceae | *Phyllogonium* | 3 |
|  |  | Phytolaccaceae | *Phytolacca* | 2 |
|  |  | Picrodendraceae | *Austrobuxus* | 7 |
|  |  | Picrodendraceae | *Petalostigma* | 4 |
|  |  | Piperaceae | *Macropiper* | 6 |
|  |  | Pittosporaceae | *Citriobatus* | 7 |
|  |  | Plagiochilaceae | *Chiastocaulon* | 6 |
|  |  | Plagiotheciaceae | *Plagiothecium* | 8 |
|  |  | Plantaginaceae | *Adenosma* | 7 |
|  |  | Plantaginaceae | *Antirrhinum* | 2 |
|  |  | Plantaginaceae | *Bacopa* | 7 |
|  |  | Plantaginaceae | *Ellisiophyllum* | 8 |
|  |  | Plantaginaceae | *Gratiola* | 3 |
|  |  | Plantaginaceae | *Lophospermum* | 6 |
|  |  | Plantaginaceae | *Maurandya* | 5 |
|  |  | Plantaginaceae | *Mecardonia* | 3 |
|  |  | Plantaginaceae | *Scoparia* | 7 |
|  |  | Plantaginaceae | *Stemodia* | 5 |
|  |  | Poaceae | *Aegopogon* | 4 |
|  |  | Poaceae | *Ancistragrostis* | 4 |
|  |  | Poaceae | *Andropogon* | 3 |
|  |  | Poaceae | *Australopyrum* | 4 |
|  |  | Poaceae | *Bromus* | 9 |
|  |  | Poaceae | *Chionochloa* | 2 |
|  |  | Poaceae | *Cleistochloa* | 8 |
|  |  | Poaceae | *Danthonia* | 9 |
|  |  | Poaceae | *Deyeuxia* | 3 |
|  |  | Poaceae | *Dinochloa* | 1 |
|  |  | Poaceae | *Diplanche* | 2 |
|  |  | Poaceae | *Enneapogon* | 9 |
|  |  | Poaceae | *Enteropogon* | 5 |
|  |  | Poaceae | *Entolasia* | 3 |
|  |  | Poaceae | *Gastridium* | 1 |
|  |  | Poaceae | *Gigantochloa* | 3 |
|  |  | Poaceae | *Hemarthria* | 8 |
|  |  | Poaceae | *Manisuris* | 2 |
|  |  | Poaceae | *Monostachya* | 1 |
|  |  | Poaceae | *Muhlenbergia* | 6 |
|  |  | Poaceae | *Perostis* | 1 |
|  |  | Poaceae | *Phalaris* | 5 |
|  |  | Poaceae | *Polytrias* | 3 |
|  |  | Poaceae | *Spinifex* | 5 |
|  |  | Poaceae | *Stenotaphrum* | 4 |
|  |  | Poaceae | *Stipa* | 2 |
|  |  | Poaceae | *Tripogon* | 8 |
|  |  | Poaceae | *Tripsacum* | 3 |
|  |  | Poaceae | *Triraphis* | 1 |
|  |  | Poaceae | *Trisetum* | 3 |
|  |  | Poaceae | *Urochloa* | 6 |
|  |  | Poaceae | *Vulpia* | 6 |
|  |  | Podostemaceae | *Torrenticola* | 6 |
|  |  | Polygalaceae | *Bredemeyera* | 4 |
|  |  | Polypodiaceae | *Dendroconche* | 1 |
|  |  | Polypodiaceae | *Dendroglossa* | 1 |
|  |  | Polypodiaceae | *Drymoglossum* | 6 |
|  |  | Polypodiaceae | *Drynariopsis* | 7 |
|  |  | Polypodiaceae | *Grammatopteridium* | 2 |
|  |  | Polypodiaceae | *Holostachyum* | 2 |
|  |  | Polypodiaceae | *Microsorium* | 1 |
|  |  | Polypodiaceae | *Paragramma* | 2 |
|  |  | Polypodiaceae | *Phymatopsis* | 1 |
|  |  | Polypodiaceae | *Thylacopteris* | 6 |
|  |  | Polypodiaceae | *Xiphopterella* | 3 |
|  |  | Polytrichaceae | *Atrichum* | 2 |
|  |  | Polytrichaceae | *Notoligotrichum* | 5 |
|  |  | Polytrichaceae | *Oligotrichum* | 2 |
|  |  | Polytrichaceae | *Psilopilum* | 1 |
|  |  | Pontederiaceae | *Eichhornia* | 5 |
|  |  | Pontederiaceae | *Monochoria* | 6 |
|  |  | Pottiaceae | *Chionoloma* | 5 |
|  |  | Pottiaceae | *Gymnostomiella* | 3 |
|  |  | Pottiaceae | *Hydrogonium* | 1 |
|  |  | Pottiaceae | *Streptopogon* | 4 |
|  |  | Pottiaceae | *Timmiella* | 2 |
|  |  | Pottiaceae | *Tortella* | 2 |
|  |  | Pottiaceae | *Tortula* | 1 |
|  |  | Pottiaceae | *Weissia* | 5 |
|  |  | Primulaceae | *Samolus* | 4 |
|  |  | Proteaceae | *Bleasdalea* | 7 |
|  |  | Proteaceae | *Leucadendron* | 2 |
|  |  | Proteaceae | *Oreocallis* | 8 |
|  |  | Proteaceae | *Ptychocarpa* | 2 |
|  |  | Pseudolepicoleaceae | *Temnoma* | 7 |
|  |  | Pteridaceae | *Aleuritopteris* | 9 |
|  |  | Pteridaceae | *Austrogramme* | 9 |
|  |  | Pteridaceae | *Calciphilopteris* | 4 |
|  |  | Pteridaceae | *Craspedodictyum* | 2 |
|  |  | Pterobryaceae | *Euptychium* | 4 |
|  |  | Pterobryaceae | *Pireella* | 1 |
|  |  | Pterobryaceae | *Pterobryidium* | 3 |
|  |  | Pterobryaceae | *Symphysodontella* | 4 |
|  |  | Ptychomniaceae | *Hampeella* | 4 |
|  |  | Racopilaceae | *Powelliopsis* | 4 |
|  |  | Racopilaceae | *Timokoponenia* | 9 |
|  |  | Restionaceae | *Leptocarpus* | 4 |
|  |  | Rhabdoweisiaceae | *Rhabdoweisia* | 1 |
|  |  | Rhamnaceae | *Berchemia* | 2 |
|  |  | Rhamnaceae | *Cryptandra* | 1 |
|  |  | Rhamnaceae | *Rhamnella* | 6 |
|  |  | Rhamnaceae | *Sageretia* | 4 |
|  |  | Rhipogonaceae | *Rhipogonum* | 6 |
|  |  | Rhipogonaceae | *Ripogonum* | 4 |
|  |  | Rhizophoraceae | *Agatea* | 1 |
|  |  | Rhizophoraceae | *Crossostylis* | 1 |
|  |  | Rhizophoraceae | *Pellacalyx* | 1 |
|  |  | Rhodomelaceae | *Chondrophycus* | 3 |
|  |  | Rhodomelaceae | *Laurencia* | 4 |
|  |  | Rhodomelaceae | *Lophocladia* | 1 |
|  |  | Rhodomelaceae | *Murrayella* | 3 |
|  |  | Rhodomelaceae | *Polysiphonia* | 4 |
|  |  | Rhodomelaceae | *Stictosiphonia* | 3 |
|  |  | Ricciaceae | *Riccia* | 2 |
|  |  | Rosaceae | *Fragaria* | 3 |
|  |  | Rosaceae | *Spiraea* | 5 |
|  |  | Rubiaceae | *Adina* | 1 |
|  |  | Rubiaceae | *Anotis* | 5 |
|  |  | Rubiaceae | *Arcytophyllum* | 2 |
|  |  | Rubiaceae | *Badusa* | 1 |
|  |  | Rubiaceae | *Breonia* | 1 |
|  |  | Rubiaceae | *Caelospermum* | 2 |
|  |  | Rubiaceae | *Calycosia* | 9 |
|  |  | Rubiaceae | *Cephaelis* | 5 |
|  |  | Rubiaceae | *Chaetostachydium* | 2 |
|  |  | Rubiaceae | *Chassalia* | 2 |
|  |  | Rubiaceae | *Cowiea* | 4 |
|  |  | Rubiaceae | *Dentella* | 9 |
|  |  | Rubiaceae | *Diodia* | 4 |
|  |  | Rubiaceae | *Diplospora* | 2 |
|  |  | Rubiaceae | *Discospermum* | 1 |
|  |  | Rubiaceae | *Guettardella* | 1 |
|  |  | Rubiaceae | *Gynochtodes* | 1 |
|  |  | Rubiaceae | *Houstonia* | 1 |
|  |  | Rubiaceae | *Hyperacanthus* | 1 |
|  |  | Rubiaceae | *Hypobathrum* | 1 |
|  |  | Rubiaceae | *Kajewskiella* | 7 |
|  |  | Rubiaceae | *Litosanthes* | 1 |
|  |  | Rubiaceae | *Mapouria* | 1 |
|  |  | Rubiaceae | *Maschalocorymbus* | 1 |
|  |  | Rubiaceae | *Maschalodesme* | 6 |
|  |  | Rubiaceae | *Metadina* | 4 |
|  |  | Rubiaceae | *Oxyceros* | 4 |
|  |  | Rubiaceae | *Palicourea* | 8 |
|  |  | Rubiaceae | *Petunga* | 1 |
|  |  | Rubiaceae | *Pogonolobus* | 3 |
|  |  | Rubiaceae | *Psilanthus* | 2 |
|  |  | Rubiaceae | *Rhodopentas* | 1 |
|  |  | Rubiaceae | *Richardia* | 2 |
|  |  | Rubiaceae | *Tarennoidea* | 3 |
|  |  | Rubiaceae | *Thecagonum* | 5 |
|  |  | Rubiaceae | *Trukia* | 3 |
|  |  | Rutaceae | *Aegle* | 2 |
|  |  | Rutaceae | *Atalantia* | 8 |
|  |  | Rutaceae | *Echinocitrus* | 1 |
|  |  | Rutaceae | *Luvunga* | 5 |
|  |  | Rutaceae | *Medicosma* | 1 |
|  |  | Rutaceae | *Merope* | 1 |
|  |  | Rutaceae | *Monanthocitrus* | 2 |
|  |  | Rutaceae | *Perryodendron* | 8 |
|  |  | Saccolomataceae | *Saccoloma* | 3 |
|  |  | Salviniaceae | *Salvinia* | 6 |
|  |  | Sapindaceae | *Aphania* | 1 |
|  |  | Sapindaceae | *Crossonephelis* | 1 |
|  |  | Sapindaceae | *Diploglottis* | 8 |
|  |  | Sapindaceae | *Euphoria* | 1 |
|  |  | Sapindaceae | *Harpulia* | 3 |
|  |  | Sapindaceae | *Lepiderema* | 2 |
|  |  | Sapindaceae | *Mischarytera* | 7 |
|  |  | Sapindaceae | *Sapindus* | 5 |
|  |  | Sapotaceae | *Achradotypus* | 2 |
|  |  | Sapotaceae | *Beccariella* | 2 |
|  |  | Sapotaceae | *Chelonespermum* | 2 |
|  |  | Sapotaceae | *Niemeyera* | 3 |
|  |  | Sapotaceae | *Pycnandra* | 2 |
|  |  | Sapotaceae | *Sarcosperma* | 2 |
|  |  | Sapotaceae | *Sersalisia* | 9 |
|  |  | Scapaniaceae | *Diplophyllum* | 2 |
|  |  | Schistochilaceae | *Paraschistochila* | 1 |
|  |  | Schizaeaceae | *Actinostachys* | 8 |
|  |  | Scrophulariaceae | *Artanema* | 1 |
|  |  | Scrophulariaceae | *Derwentia* | 1 |
|  |  | Scrophulariaceae | *Ilysanthos* | 1 |
|  |  | Scrophulariaceae | *Masus* | 2 |
|  |  | Seligeriaceae | *Blindia* | 3 |
|  |  | Sematophyllaceae | *Acanthocladium* | 2 |
|  |  | Sematophyllaceae | *Acanthorrhynchium* | 5 |
|  |  | Sematophyllaceae | *Clastobryophilum* | 1 |
|  |  | Sematophyllaceae | *Clastobryopsis* | 1 |
|  |  | Sematophyllaceae | *Clastobryum* | 7 |
|  |  | Sematophyllaceae | *Mastopoma* | 5 |
|  |  | Sematophyllaceae | *Meiotheciella* | 1 |
|  |  | Sematophyllaceae | *Papillidiopsis* | 2 |
|  |  | Sematophyllaceae | *Rhaphidorrhynchium* | 2 |
|  |  | Sematophyllaceae | *Rhaphidostegium* | 3 |
|  |  | Simaroubaceae | *Brucea* | 6 |
|  |  | Simaroubaceae | *Samadera* | 5 |
|  |  | Siphonocladaceae | *Boergesenia* | 1 |
|  |  | Siphonocladaceae | *Ventricaria* | 2 |
|  |  | Solanaceae | *Browallia* | 1 |
|  |  | Solanaceae | *Brugmansia* | 4 |
|  |  | Solanaceae | *Brunfelsia* | 3 |
|  |  | Solanaceae | *Cestrum* | 7 |
|  |  | Solanaceae | *Cyphomandra* | 4 |
|  |  | Solanaceae | *Nicandra* | 3 |
|  |  | Solanaceae | *Salpichroa* | 2 |
|  |  | Solanaceae | *Solandra* | 1 |
|  |  | Solanaceae | *Streptosolen* | 1 |
|  |  | Sorapillaceae | *Sorapilla* | 3 |
|  |  | Sphenophyllaceae | *Sphenophyllum* | 1 |
|  |  | Splachnobryaceae | *Splachnobryum* | 6 |
|  |  | Staphyleaceae | *Staphylea* | 1 |
|  |  | Stemonuraceae | *Hartleya* | 7 |
|  |  | Stemonuraceae | *Urandra* | 9 |
|  |  | Stemonuraceae | *Whitmorea* | 5 |
|  |  | Sterculiaceae | *Keraudrenia* | 2 |
|  |  | Sterculiaceae | *Leptonychia* | 5 |
|  |  | Styracaceae | *Simplocos* | 1 |
|  |  | Symplocaceae | *Cordyloblaste* | 1 |
|  |  | Tectariaceae | *Ataxipteris* | 2 |
|  |  | Tectariaceae | *Ctenitopsis* | 6 |
|  |  | Tectariaceae | *Dryopsis* | 1 |
|  |  | Tectariaceae | *Heterogonium* | 2 |
|  |  | Theaceae | *Camellia* | 3 |
|  |  | Thelypteridaceae | *Mesophlebion* | 5 |
|  |  | Thelypteridaceae | *Metathelypteris* | 5 |
|  |  | Thuidiaceae | *Aequatoriella* | 3 |
|  |  | Thuidiaceae | *Herpetineuron* | 1 |
|  |  | Thuidiaceae | *Orthothuidium* | 8 |
|  |  | Tiliaceae | *Pentace* | 1 |
|  |  | Trachypodaceae | *Diaphanodon* | 4 |
|  |  | Trentepholiaceae | *Printzina* | 2 |
|  |  | Treubiaceae | *Treubia* | 3 |
|  |  | Trichocoleaceae | *Leiomitra* | 3 |
|  |  | Triuridaceae | *Andruris* | 1 |
|  |  | Udoteaceae | *Chlorodesmis* | 3 |
|  |  | Udoteaceae | *Tydemania* | 1 |
|  |  | Udoteaceae | *Udotea* | 2 |
|  |  | Urticaceae | *Distemon* | 4 |
|  |  | Urticaceae | *Elatostemma* | 9 |
|  |  | Urticaceae | *Gibbsia* | 7 |
|  |  | Urticaceae | *Parietaria* | 5 |
|  |  | Urticaceae | *Pellionia* | 5 |
|  |  | Urticaceae | *Pseudopipturus* | 7 |
|  |  | Urticaceae | *Villebrunea* | 7 |
|  |  | Verbenaceae | *Lippia* | 1 |
|  |  | Vitaceae | *Parthenocissus* | 1 |
|  |  | Vitaceae | *Vitis* | 6 |
|  |  | Vittariaceae | *Rheopteris* | 4 |
|  |  | Wiesnerellaceae | *Wiesnerella* | 3 |
|  |  | Woodsiaceae | *Allantodia* | 1 |
|  |  | Woodsiaceae | *Gymnocarpium* | 4 |
|  |  | Xanthorrhoeaceae | *Caesia* | 8 |
|  |  | Zingiberaceae | *Eriolopha* | 3 |
|  |  | Zingiberaceae | *Geanthus* | 6 |
|  |  | Zingiberaceae | *Plagiostachys* | 3 |