

Appendix One

Images from the *'Herbarium Specimen Painting'* and diagrammatic key

Additional document from:

The Glow of Significance: Narrating Stories using Natural History Specimens

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Herbarium Specimen Painting

Watercolour on paper 533cm x 57cm

The Herbarium Specimen Painting combines art and science. The painting depicts one or more specimens to represent each flowering plant family (506) presented in order according to a contemporary DNA based classification system. Each specimen was carefully selected to illustrate its family's diagnostic character (the feature which set it apart from others) in order that the family, genus and possibly the species may be instantly recognisable. The painting was created within the herbarium (dried plant collection) at the Royal Botanic Gardens, Kew. The artist chooses to illustrate herbarium specimens, rather than live plant material, due to their extraordinary aesthetic qualities and their narrative ability arising from an intrinsic connection to a collector, a place and a point in time.

To construct a scientific framework for the painting the artist followed the classification system used in the book *'Flowering Plants of the World'* (Heywood, 2007). This classification system is based on DNA findings and can be followed visually through the painting starting from the bottom left hand corner moving up and then down weaving through whole composition left to right. There are numbered diagrammatic keys available to identify each specimen which are sequenced in the same order as the classification system.

The painting was produced on seven panels for practical reasons. It took 766 days to complete and can viewed on several levels. The painting is a visual depiction of a contemporary classification system and it also highlights herbarium specimens as beautiful aesthetic objects. In addition the painting records important, interesting or unusual scientists/ expeditions/ events through careful specimen selection. It is intended that the painting will raise public awareness of the purpose and importance of the herbarium at the Royal Botanic Gardens, Kew and its rich history.



'Herbarium Specimen Painting', page one



'Herbarium Specimen Painting', page two



'Herbarium Specimen Painting' page three



'Herbarium Specimen Painting', page four



'Herbarium Specimen Painting', page five



'Herbarium Specimen Painting', page six



'Herbarium Specimen Painting', page seven



'Herbarium Specimen Painting' detail from page one



'Herbarium Specimen Painting' detail from page two



'Herbarium Specimen Painting' detail from page two



'Herbarium Specimen Painting' detail from page three



'Herbarium Specimen Painting' details from page one and three



'Herbarium Specimen Painting' detail from page three



'Herbarium Specimen Painting' details from page three



'Herbarium Specimen Painting' detail from page four



'Herbarium Specimen Painting' detail from page four



'Herbarium Specimen Painting' detail from page four



'Herbarium Specimen Painting' detail from page five



'Herbarium Specimen Painting' detail from page five



'Herbarium Specimen Painting' detail from page five



'Herbarium Specimen Painting' detail from page five



'Herbarium Specimen Painting' detail from page five



'Herbarium Specimen Painting' detail from page six



'Herbarium Specimen Painting' detail from page six



'Herbarium Specimen Painting' details from page six and seven



'Herbarium Specimen Painting' detail from page seven

Diagrammatic key to the *'Herbarium Specimen Painting'*















1. Amborellaceae
Amborella tichopoda



2. Chloranthaceae
Chloranthus erectus



3. Nymphaeaceae
Victoria amazonica



4. Cabombaceae
Cabomba aquatica



5. Austrobaileyaceae
Austrobaileya scandens



6. Schisandraceae
Schisandra pubescens



7. Illiciaceae
Illicium verum



8. Trimeniaceae
Piptocalyx macrurus



9. Trimeniaceae
Piptocalyx moorei

Austrobaileyales



10. Ceratophyllaceae
Ceratophyllum demersum

Ceratophyllales



11. Canellaceae
Warburgia stuhlmannii



12. Canellaceae
Warburgia elongata



13. Canellaceae
Canella alba



14. Winteraceae
Drimys piperita



15. Winteraceae
Drimys lanceolata

MAGNOLIIDS

Canellales



16. Atherospermataceae
Atherosperma moschatum



17. Calycanthaceae
Calycanthus praecox



18. Gomortegaceae
Gomortega keule



19. Hernandiaceae
Hernandia peltata



20. Lauraceae
Cinnamomum verum

Laurales



21. Lauraceae
Cinnamomum verum



22. Monimiaceae
Palmeria womersleyi



23. Siparunaceae
Siparuna guianensis



24. Siparunaceae
Siparuna guianensis

Laurales



25. Annonaceae
Polyalthia hookeriana



26. Degeneriaceae
Degeneria vitiensis



27. Degeneriaceae
Degeneria vitiensis



28. Eupomatiaceae
Eupomatia sp.



29. Himantandraceae
Galbulimima belgraveana

Magnoliales



30. Magnoliaceae
Magnolia stellata



31. Myristicaceae
Myristica fragrans

Magnoliales



32. Aristolochiaceae
Aristolochia odoratissima



33. Hydnoraceae
Hydnora abyssinica



34. Lactoridaceae
Lactoris fernandeziana



35. Lactoridaceae
Lactoris fernandeziana



36. Piperaceae
Peperomia tetraphylla

Piperales



37. Saururaceae
Anemopsis californica

Piperales



38. Petrosaviaceae
Petrosavia sakuraii

MONOCOTYLEDONS



39. Acoraceae
Acorus calamus

Acorales



40. Alismataceae
Ranalisma humile



41. Aponogetonaceae
Aponogeton desertorum



42. Araceae
Arum palaestinum



43. Butomaceae
Butomus umbellatus



44. Cymodoceaceae
Syringodium isoetifolium

Alismatales



45. Hydrocharitaceae
Vallisneria americana



46. Juncaginaceae
Triglochin palustris



47. Limncharitaceae
Limncharis flava



48. Najadaceae
Najas horrida



49. Posidoniaceae
Posidonia ostenfeldii

Alismatales



50. Potamogetonaceae
Potamogeton schweinfurthii



51. Ruppiales
Ruppia maritima



52. Ruppiales
Ruppia maritima



53. Scheuchzeriales
Scheuchzeria palustris



54. Tofieldiales
Tofieldia calyculata

Alismatales



55. Zosteriales
Zostera nana

Alismatales



56. Alliaceae
Allium schoenoprasum



57. Alliaceae
Allium sikkimense



58. Agapanthaceae
Agapanthus nutans



59. Amaryllidaceae
Narcissus triandrus



60. Anemarrhenaceae
Anemarrhena asphodeloides

Asparagales



61. Anemarrhenaceae
Anemarrhena asphodeloides



62. Anthericaceae
Chlorophytum subpetiolatum



63. Asparagaceae
Asparagus africanus























































64. Asparagaceae
Asparagus africanus



65. Agavaceae
Agave roseana

Asparagales

- | | | | | | |
|---|--|--|--|---|-------------|
| 
66. Aphyllanthaceae
<i>Aphyllanthes monspeliensis</i> | 
67. Hyacinthaceae
<i>Scilla revoluta</i> | 
68. Laxmanniaceae
<i>Laxmannia grandiflora</i> | 
69. Ruscaceae
<i>Ruscus hypoglossum</i> | 
70. Themidaceae
<i>Brodiaea coronaria</i> | Asparagales |
| 
71. Asteliaceae
<i>Astelia nervosa</i> | 
72. Behniaceae
<i>Behnia reticulata</i> | 
73. Blandfordiaceae
<i>Blandfordia nobilis</i> | 
74. Boryaceae
<i>Borya sphaerocephala</i> | 
75. Convallariaceae
<i>Convallaria majalis</i> | Asparagales |
| 
76. Dracaenaceae
<i>Dracaena</i> sp. | 
77. Doryanthaceae
<i>Doryanthes palmeri</i> | 
78. Eriospermaceae
<i>Eriospermum</i> sp. | 
79. Eriospermaceae
<i>Eriospermum abyssinicum</i> | 
80. Eriospermaceae
<i>Eriospermum abyssinicum</i> | Asparagales |
| 
81. Herreriaceae
<i>Herreria montevidensis</i> | 
82. Hostaceae
<i>Hosta glauca</i> | 
83. Hostaceae
<i>Hosta venusta</i> | 
84. Hypoxidaceae
<i>Hypoxis nyasica</i> | 
85. Iridaceae
<i>Iris xiphium</i> | Asparagales |
| 
86. Ixioliriaceae
<i>Ixiolirion tataricum</i> | 
87. Johnsoniaceae
<i>Johnsonia lupulina</i> | 
88. Lanariaceae
<i>Lanaria plumosa</i> | 
89. Nolinaceae
<i>Nolina longifolia</i> | 
90. Orchidaceae
<i>Angraecum sesquipedale</i> | Asparagales |
| 
91. Tecophilaeaceae
<i>Cyanella lutea</i> | 
92. Xanthorrhoeaceae
<i>Xanthorrhoea</i> sp. | 
93. Asphodelaceae
<i>Kniphofia baurii</i> | 
94. Hemerocallidaceae
<i>Hemerocallis fulva</i> | 
95. Xeronemataceae
<i>Xeronema callistemon</i> | Asparagales |

 <p>96. Burmanniaceae <i>Burmannia coelestis</i></p>	 <p>97. Burmanniaceae <i>Burmannia oblonga</i></p>	 <p>98. Dioscoreaceae <i>Dioscorea karatana</i></p>	 <p>99. Taccaceae <i>Tacca palmatifida</i></p>	 <p>100. Nartheciaceae <i>Narthecium ossifragum</i></p>	<p>Dioscoreales</p>
 <p>101. Alstroemeriaceae <i>Alstroemeria aurantiaca</i></p>	 <p>102. Campynemataceae <i>Campynema lineare</i></p>	 <p>103. Colchicaceae <i>Gloriosa superba</i></p>	 <p>104. Corsiaceae <i>Corsia</i> sp.</p>	 <p>105. Liliaceae <i>Fritillaria meleagris</i></p>	<p>Liliales</p>
 <p>106. Luzuriagaceae <i>Luzuriaga marginata</i></p>	 <p>107. Melanthiaceae <i>Melantherium virginicum</i></p>	 <p>108. Petermanniaceae <i>Petermannia cirrosa</i></p>	 <p>109. Philesiaceae <i>Philesia buxifolia</i></p>	 <p>110. Rhipogonaceae <i>Ripogonum papuanum</i></p>	<p>Liliales</p>
 <p>111. Smilacaceae <i>Smilax china</i></p>					<p>Liliales</p>
 <p>112. Cyclanthaceae <i>Thoracocarpus bissectus</i></p>	 <p>113. Pandanaceae <i>Pandanus tectorius</i></p>	 <p>114. Stemonaceae <i>Stemona curtisii</i></p>	 <p>115. Triuridaceae <i>Sciaphila</i> sp.</p>	 <p>116. Velloziaceae <i>Vellozia epidendroides</i></p>	<p>Pandanales</p>
 <p>117. Dasyogonaceae <i>Dasyogon bromeliifolius</i></p>					<p>COMMELINIDS</p>



118. Arecaceae
Raphia hookeri

Arecales



119. Commelinaceae
Tradescantia occidentalis



120. Haemodoraceae
Anigozanthos manglesii



121. Hanguanaceae
Hanguana malayana



122. Hanguanaceae
Hanguana major



123. Hanguanaceae
Philydrum lanuginosum

Commelinales



124. Pontederiaceae
Eichhornia crassipes

Commelinales



125. Anarthriaceae
Anarthria scabra



126. Bromeliaceae
Tillandsia stricta



127. Centrolepidaceae
Aphelia cyperoides



128. Cyperaceae
Pycurus flavescens



129. Ecdiocoleaceae
Ecdiocolea monostachya

Poales



130. Ecdiocoleaceae
Ecdiocolea monostachya



131. Eriocaulaceae
Syngonanthus longibracteatus



132. Flagellariaceae
Flagellaria indica



133. Hydatellaceae
Trithuria occidentalis



134. Joinvilleaceae
Joinvillea sp.

Poales



135. Juncaceae
Juncus canadensis



136. Mayacaceae
Mayaca longipes



137. Poaceae
Briza maxima



138. Prioniaceae
Pronium serratum



140. Rapateaceae
Rapatea pycnocephala

Poales



140. Restionaceae
Restio bolusii



141. Thurniaceae
Thurnia sphaerocephala



142. Typhaceae
Typha latifolia



143. Xyridaceae
Xyris pauciflora

Poales



144. Cannaceae
Canna indica



145. Cannaceae
Canna indica



146. Costaceae
Costus wilsonii



147. Heliconiaceae
Heliconia rostrata



148. Lowiaceae
Orchidantha maxillarioides

Zingiberales



149. Marantaceae
Maranta bicolor



150. Marantaceae
Musa truncata



151. Marantaceae
Musa sp.



152. Strelitziaceae
Strelitzia reginae



153. Zingiberaceae
Zingiber zerumbet

Zingiberales



154. Buxaceae
Buxus harlandi



156. Didymelaceae
Didymeles perrieri



157. Didymelaceae
Didymeles madagascariensis



158. Meliosmaceae
Meliosma sumatrana

EUDICOTS



159. Sabiaceae
Sabia discolor



160. Trochodendraceae
Trochodendron aralioides



161. Trochodendraceae
Trochodendron aralioides



162. Tetracentraceae
Tetracentron sinense



163. Tetracentraceae
Tetracentron sinense



164. Nelumbonaceae
Nelumbo luteum

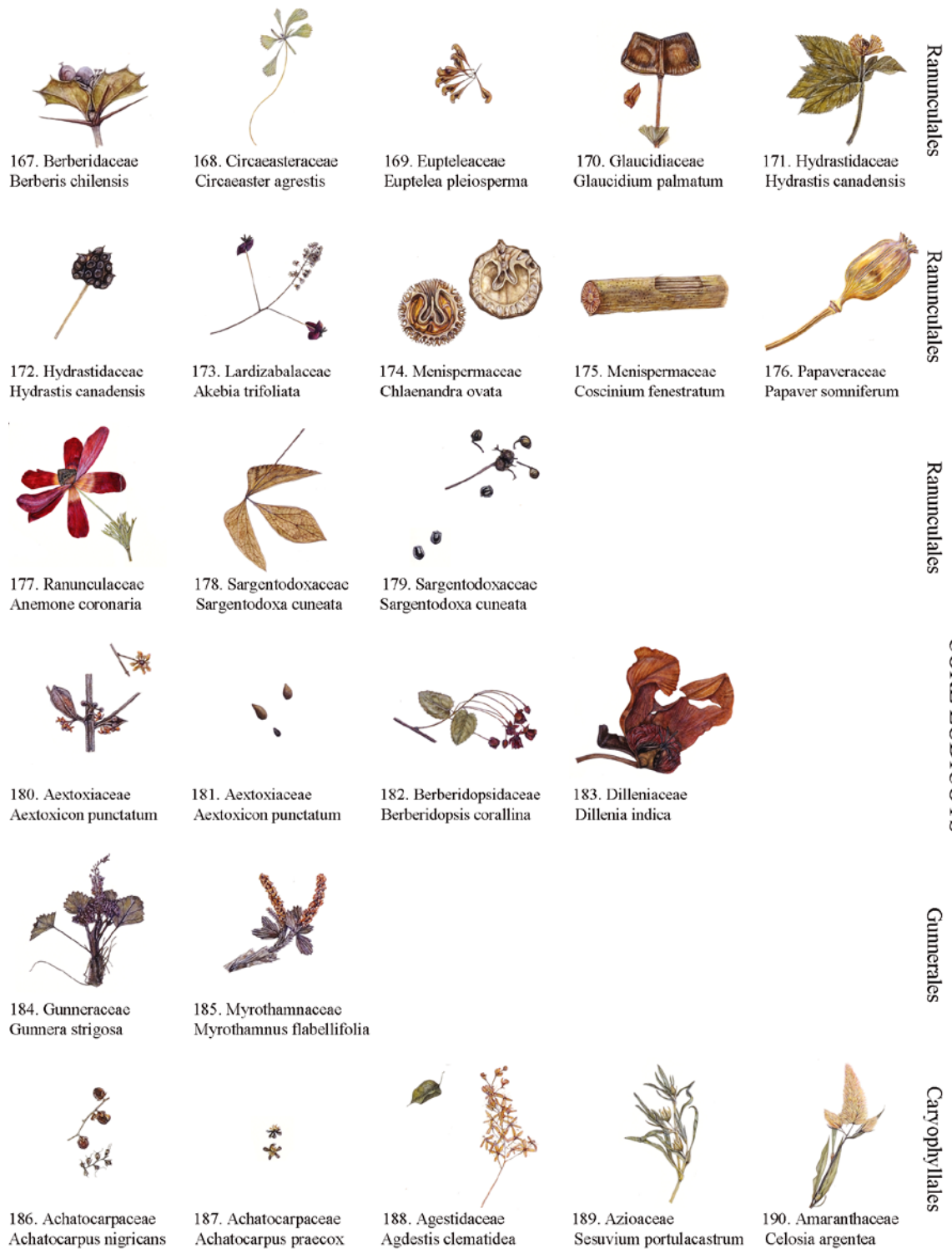








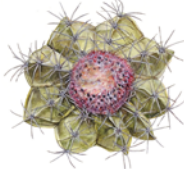























165. Proteaceae
Protea lepidocarpon



















































166. Plantanaceae
Platanus orientalis

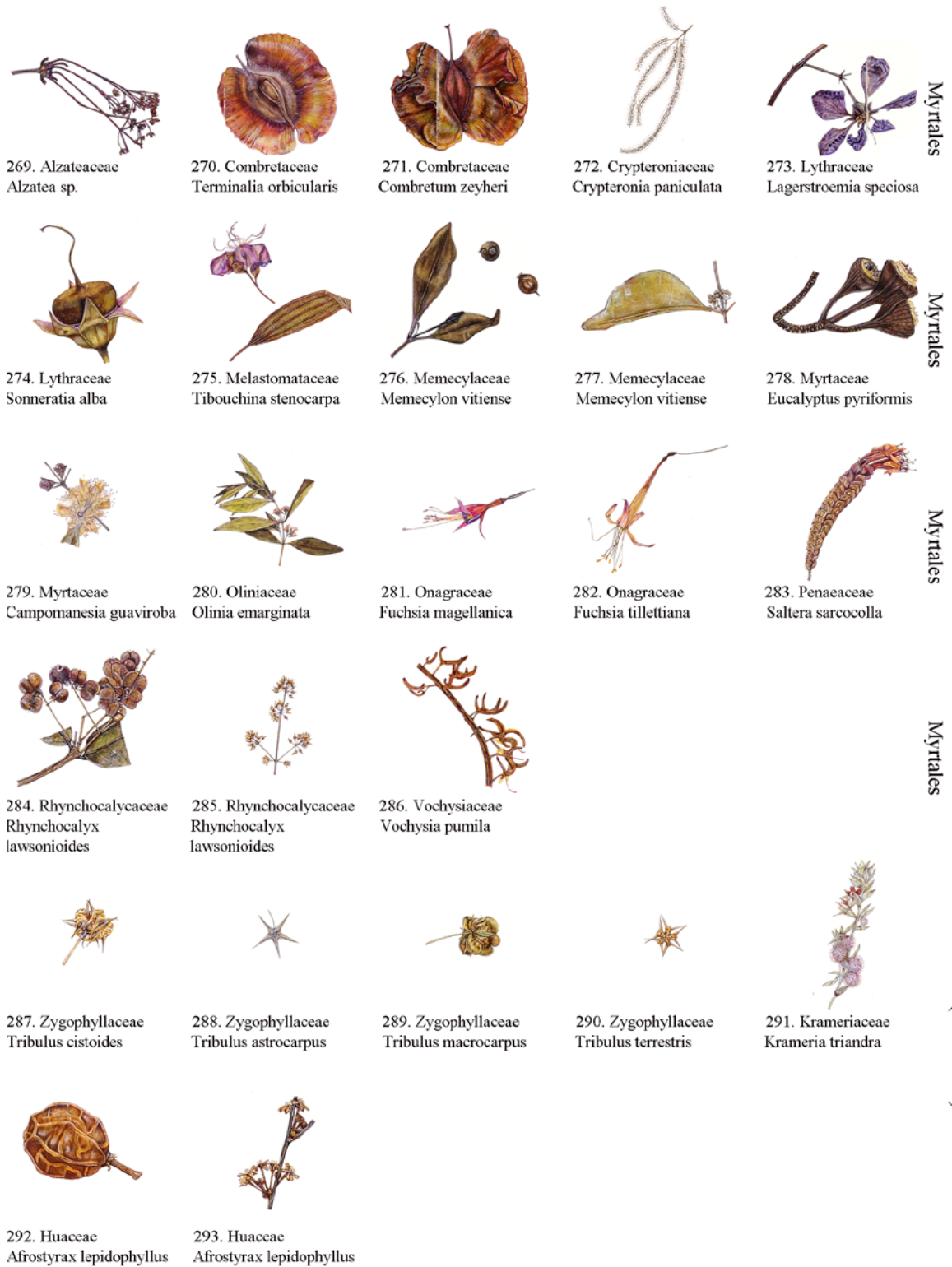
Proteales



- | | | | | | |
|---|---|---|---|---|----------------|
|  |  |  |  |  | Caryophyllales |
| 191. Ancistrocladaceae
<i>Ancistrocladus guineensis</i> | 192. Ancistrocladaceae
<i>Ancistrocladus guineensis</i> | 193. Asteropeiaceae
<i>Asteropeia</i> sp. | 194. Barbeuiaceae
<i>Barbeuia madagascariensis</i> | 195. Barbeuiaceae
<i>Barbeuia madagascariensis</i> | |
|  |  |  |  |  | Caryophyllales |
| 196. Basellaceae
<i>Basella alba</i> | 197. Cactaceae
<i>Melocactus violaceus</i> | 198. Caryophyllaceae
<i>Silene conoidea</i> | 199. Chenopodiaceae
<i>Salsola richteri</i> | 200. Didiereaceae
<i>Alluaudia comosa</i> | |
|  |  |  |  |  | Caryophyllales |
| 201. Dioncophyllaceae
<i>Triphyphyllum peltatum</i> | 202. Droseraceae
<i>Dionaea muscipula</i> | 203. Droseraceae
<i>Dionaea muscipula</i> | 204. Drosophyllaceae
<i>Drosophyllum lusitanicum</i> | 205. Frankeniaceae
<i>Frankenia serpyllifolia</i> | |
|  |  |  |  |  | Caryophyllales |
| 206. Gisekiaceae
<i>Gisekia pharmacioides</i> | 207. Gisekiaceae
<i>Gisekia pharmacioides</i> | 208. Halophytaceae
<i>Halophytum ameghinoi</i> | 209. Hectorellaceae
<i>Lyallia kerguelensis</i> | 210. Limeaceae
<i>Semonvillea pterocarpa</i> | |
|  |  |  |  |  | Caryophyllales |
| 211. Molluginaceae
<i>Telephium imperati</i> | 212. Mesembryanthemaceae
<i>Namibia ponderosa</i> | 213. Nepenthaceae
<i>Nepenthes maxima</i> | 214. Nyctaginaceae
<i>Bougainvillea spectabilis</i> | 215. Petiveriaceae
<i>Petiveria alliacea</i> | |
|  |  |  |  |  | Caryophyllales |
| 216. Petiveriaceae
<i>Petiveria alliacea</i> | 217. Physenaceae
<i>Physena madagascariensis</i> | 218. Physenaceae
<i>Physena madagascariensis</i> | 219. Physenaceae
<i>Physena madagascariensis</i> | 220. Phytolaccaceae
<i>Phytolacca americana</i> | |

					Caryophyllales
221. Plumbaginaceae <i>Limonium thouinii</i>	222. Polygonaceae <i>Polygonum viviparum</i>	223. Portulacaceae <i>Lewisia pygmaea</i>	224. Rhabdodendraceae <i>Lecostemon crassipes</i>	225. Sarcobataceae <i>Sarcobatus vermiculata</i>	
					Caryophyllales
226. Simmondsiaceae <i>Simmondsia californica</i>	227. Stegnospermataceae <i>Stegnosperra alimifolia</i>	228. Tamaricaceae <i>Tamarix tetragyna</i>			
					Santalales
229. Balanophoraceae <i>Balanophora latisejala</i>	230. Eremolepidaceae <i>Eremolepis punctulata</i>	231. Loranthaceae <i>Loranthus gibberulus</i>	232. Misodendraceae <i>Misodendrum quadriflorum</i>	233. Olacaceae <i>Ximena americana</i>	
					Santalales
234. Olacaceae <i>Ximena americana</i>	235. Opiliaceae <i>Melientha suaveis</i>	236. Santalaceae <i>Thesium goetzeanum</i>	237. Viscaceae <i>Viscum album</i>	238. Cynomoriaceae <i>Cynomorium coccineum</i>	
					Saxifragales
239. Aphanopetalaceae <i>Aphanopetalum clematideum</i>	240. Cercidiphyllaceae <i>Cercidiphyllum magnificum</i>	241. Crassulaceae <i>Crassula pyramidalis</i>	242. Daphniphyllaceae <i>Daphniphyllum himalayense</i>	243. Daphniphyllaceae <i>Daphniphyllum glaucescens</i>	
					Saxifragales
244. Grossulariaceae <i>Ribes uva-crispa</i>	245. Haloragaceae <i>Myriophyllum spicatum</i>	246. Penthoraceae <i>Penthorum sedoides</i>	247. Tetracarpaceae <i>Tetracarpaea tasmannica</i>	248. Hamamelidaceae <i>Hamamelis x intermedia</i>	

 <p>249. Hamamelidaceae <i>Altingia excelsa</i></p>	 <p>250. Iteaceae <i>Itea riparia</i></p>	 <p>251. Pterostemonaceae <i>Pterostemon rotundifolius</i></p>	 <p>252. Paeoniaceae <i>Paeonia cambessedesii</i></p>	 <p>253. Peridiscaceae <i>Whittonia guianensis</i></p>	Saxifragales	
 <p>254. Peridiscaceae <i>Peridiscus lucidus</i></p>	 <p>255. Saxifragaceae <i>Saxifraga paniculata</i></p>				Saxifragales	
 <p>256. Aphloiaceae <i>Aphloia theiformis</i></p>	 <p>257. Geissolomataceae <i>Geissoloma marginata</i></p>	 <p>258. Ixerbaceae <i>Ixerba</i> sp.</p>	 <p>259. Picramniaceae <i>Picramnia</i> sp.</p>	 <p>260. Strasburgeriaceae <i>Strasburgeria robusta</i></p>	ROSIDS	
 <p>261. Vitaceae <i>Vitis vinifera</i></p>						
 <p>262. Crossosomataceae <i>Crossosoma californicum</i></p>	 <p>263. Stachyuraceae <i>Stachyurus himalaicus</i></p>	 <p>264. Stachyuraceae <i>Stachyurus himalaicus</i></p>	 <p>265. Staphyleaceae <i>Staphylea bumalda</i></p>	Crossosomatales		
 <p>266. Geraniaceae <i>Pelargonium cucullatum</i></p>	 <p>267. Melianthaceae <i>Melianthus major</i></p>	 <p>268. Vivaniaceae <i>Caesarea albiflora</i></p>				Geraniales





294. Celastraceae
Euonymus grandiflorus



295. Celastraceae
Euonymus grandiflorus



296. Celastraceae
Euonymus javanicus



297. Lepidobotryaceae
Ruptiliocarpon caracolito



298. Lepidobotryaceae
Ruptiliocarpon caracolito

Celastrales



299. Lepidobotryaceae
Ruptiliocarpon caracolito



300. Parnassiaceae
Parnassia palustris



301. Pottingeriaceae
Pottingeria acuminata



302. Stackhousiaceae
Tripterococcus brunonis

Celastrales



303. Anisophylleaceae
Poga oleosa



304. Anisophylleaceae
Anisophyllea corneri



305. Anisophylleaceae
Polygonanthus amazonicus



306. Anisophylleaceae
Combretocarpus rotundatus



307. Begoniaceae
Begonia serratifolia

Cucurbitales



308. Begoniaceae
Begonia kaniensis



309. Coriariaceae
Coriaria pteridoides



310. Coriariaceae
Coriaria japonica



311. Corynocarpaceae
Corynocarpus laevigata



312. Cucurbitaceae
Ruthalicia longipes

Cucurbitales



313. Datisaceae
Octomeles sumatrana



314. Datisaceae
Octomeles sumatrana

Cucurbitales



315. Leguminosae
Lotus berthelotii



316. Leguminosae
Indigofera astragalina



317. Leguminosae
Acacia suma



318. Leguminosae
Acacia suma



319. Leguminosae
Streblorrhiza speciosa

Fabales



320. Leguminosae
Abrus precatorius

321. Leguminosae
Colvillea racemosa

322. Leguminosae
Afzelia quanzensis

323. Leguminosae
Pithecellobium excelsum

324. Leguminosae
Pithecellobium excelsum

Fabales



325. Leguminosae
Adenanthera pavonina

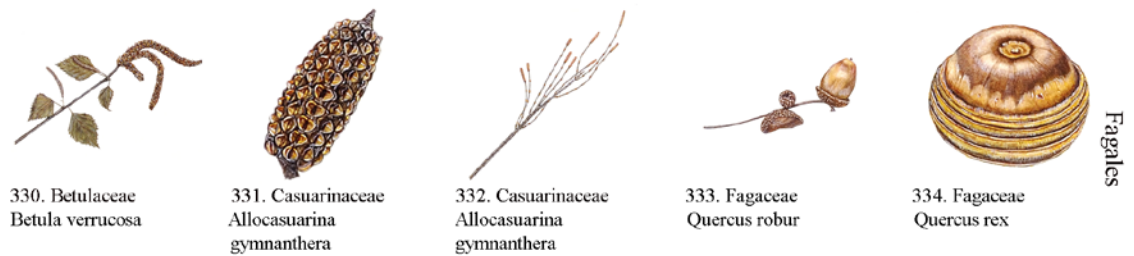
326. Polygalaceae
Polygala major

327. Quillajaceae
Quillaja brasiliensis

328. Quillajaceae
Quillaja brasiliensis

329. Surianaceae
Suriana maritima

Fabales



330. Betulaceae
Betula verrucosa

331. Casuarinaceae
Allocasuarina gymnanthera

332. Casuarinaceae
Allocasuarina gymnanthera

333. Fagaceae
Quercus robur

334. Fagaceae
Quercus rex

Fagales



335. Fagaceae
Quercus mespilifolioides

336. Juglandaceae
Juglans regia

337. Rhoipteleaceae
Rhoiptelea chiliantha

338. Rhoipteleaceae
Rhoiptelea chiliantha

339. Myricaceae
Myrica gale

Fagales



340. Nothofagaceae
Nothofagus procera

341. Ticodendraceae
Ticodendron incognitum

342. Ticodendraceae
Ticodendron incognitum

Fagales



343. Achariaceae
Guthriea capensis














344. Achariaceae
Guthriea capensis






















345. Balanopaceae
Balanops balansae

346. Bonnetiaceae
Bonnetia stricta

347. Bonnetiaceae
Bonnetia stricta

Malpighiales

- | | | | | | |
|---|---|---|--|---|--------------|
|  |  |  |  |  | Malpighiales |
| 348. Bonnetiaceae
<i>Bonnetia stricta</i> | 349. Caryocaraceae
<i>Caryocar microcarpum</i> | 350. Caryocaraceae
<i>Caryocar glabrum</i> | 351. Chrysobalanaceae
<i>Maranthes floribunda</i> | 352. Chrysobalanaceae
<i>Maranthes floribunda</i> | |
|  |  |  |  |  | Malpighiales |
| 353. Dichapetalaceae
<i>Dichapetalum mossambicense</i> | 354. Dichapetalaceae
<i>Dichapetalum mossambicense</i> | 355. Euphroniaceae
<i>Euphronia hirtelloides</i> | 356. Euphroniaceae
<i>Euphronia hirtelloides</i> | 357. Trigoniasaceae
<i>Trigonias prancei</i> | |
|  |  |  |  |  | Malpighiales |
| 358. Clusiaceae
<i>Clusia rosea</i> | 359. Clusiaceae
<i>Clusia sp.</i> | 360. Clusiaceae
<i>Clusia sp.</i> | 361. Ctenolophonaceae
<i>Ctenolophon parvifolius</i> | 362. Elatinaceae
<i>Elatine minima</i> | |
|  |  |  |  |  | Malpighiales |
| 363. Euphorbiaceae
<i>Excoecaria bussei</i> | 364. Euphorbiaceae
<i>Excoecaria bussei</i> | 365. Flacourtiaceae
<i>Hydnocarpus polypetalus</i> | 366. Goupiaceae
<i>Goupia glabra</i> | 367. Hugoniaceae
<i>Hugonia tomentosa</i> | |
|  |  |  |  |  | Malpighiales |
| 368. Humiriaceae
<i>Vantanea obovata</i> | 369. Humiriaceae
<i>Vantanea obovata</i> | 370. Irvingiaceae
<i>Klainedoxa gabonensis</i> | 371. Irvingiaceae
<i>Klainedoxa gabonensis</i> | 372. Ixonanthaceae
<i>Ixonanthes reticulata</i> | |
|  |  |  |  |  | Malpighiales |
| 373. Lacistemataceae
<i>Lacistema pubescens</i> | 374. Linaceae
<i>Linum usitatissimum</i> | 375. Linaceae
<i>Linum usitatissimum</i> | 376. Lophopyxidaceae
<i>Lophopyxis maingayi</i> | 377. Lophopyxidaceae
<i>Lophopyxis maingayi</i> | |

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|---|---|---|---|---|--------------|
|  |  |  |  |  | Malpighiales |
| 378. Lophopyxidaceae
<i>Lophopyxis maingayi</i> | 379. Malpighiaceae
<i>Byrsonima crassifolia</i> | 380. Malpighiaceae
<i>Byrsonima crassifolia</i> | 381. Ochnaceae
<i>Ochna integerrima</i> | 382. Medusagynaceae
<i>Medusagyne oppositifolia</i> | |
|  |  |  |  |  | Malpighiales |
| 383. Medusagynaceae
<i>Medusagyne oppositifolia</i> | 384. Quiinaceae
<i>Lacunaria</i> , sp. | 385. Pandaceae
<i>Galcaria celebica</i> | 386. Pandaceae
<i>Galcaria celebica</i> | 387. Medusandraceae
<i>Medusandra richardsiana</i> | |
|  |  |  |  |  | Malpighiales |
| 388. Medusandraceae
<i>Medusandra richardsiana</i> | 389. Passifloraceae
<i>Passiflora tridactylites</i> | 390. Passifloraceae
<i>Passiflora pinnatistipula</i> | 391. Passifloraceae
<i>Passiflora ambigua</i> | 392. Malesherbiaceae
<i>Malesherbia linearifolia</i> | |
|  |  |  |  |  | Malpighiales |
| 393. Turneraceae
<i>Mathurina penduliflora</i> | 394. Phyllanthaceae
<i>Phyllanthus rheophyticus</i> | 395. Picrodendraceae
<i>Austrobuxus rubiginosus</i> | 396. Podostemaceae
<i>Podostemon olivaceus</i> | 397. Putranjivaceae
<i>Drypetes amazonica</i> | |
|  |  |  |  |  | Malpighiales |
| 398. Putranjivaceae
<i>Drypetes amazonica</i> | 399. Putranjivaceae
<i>Drypetes amazonica</i> | 400. Rafflesiaceae
<i>Rafflesia manillana</i> | 401. Rhizophoraceae
<i>Rhizophora apiculata</i> | 402. Rhizophoraceae
<i>Bruguiera gymnorhiza</i> | |
|  |  |  |  |  | Malpighiales |
| 403. Erythroxylaceae
<i>Erythroxylum coca</i> | 404. Erythroxylaceae
<i>Erythroxylum coca</i> | 405. Salicaceae
<i>Salix caprea</i> | 406. Salicaceae
<i>Salix caprea</i> | 407. Scyphostegiaceae
<i>Scyphostegia borneensis</i> | |



408. Scyphostegiaceae
Scyphostegia borneensis



409. Violaceae
Viola tricolor

Malpighiales



410. Brunelliaceae
Brunellia sibundoya



411. Brunelliaceae
Brunellia costaricensis



412. Brunelliaceae
Brunellia boliviana



413. Cephalotaceae
Cephalotus follicularis



414. Connaraceae
Cnestis palala

Oxalidales



415. Connaraceae
Cnestis palala



416. Cunoniaceae
Cnestis palala



417. Elaeocarpaceae
Elaeocarpus floribundus



418. Elaeocarpaceae
Elaeocarpus altisectus



419. Oxalidaceae
Oxalis sericea

Oxalidales



420. Barbeyaceae
Barbeya oleoides



421. Barbeyaceae
Barbeya oleoides



422. Cannabaceae
Cannabis sativa



423. Cecropiaceae
Cecropia palmata



424. Dirachmaceae
Dirachma socotrana

Rosales



425. Dirachmaceae
Dirachma socotrana



426. Elaeagnaceae
Elaeagnus angustifolia



427. Moraceae
Ficus punctata



428. Moraceae
Ficus abutilifolia



429. Rhamnaceae
Ziziphus mauritiana

Rosales



430. Rosaceae
Rosa moyesii



431. Ulmaceae
Ulmus campestris



432. Urticaceae
Urtica dioica



433. Dipentodontaceae
Dipentodon sinicus



434. Dipentodontaceae
Dipentodon sinicus

Rosales

EUROSIDS II (MALVIDS)

435. Tapisciaceae
Tapiscia sinensis436. Akaniaceae
Akania bidwillii437. Akaniaceae
Akania bidwillii438. Bretschneideraceae
Bretschneidera sinensis439. Bataceae
Batis maritima440. Bataceae
Batis maritima441. Brassicaceae
Lunaria annua442. Brassicaceae
Lunaria annua443. Capparaceae
Capparis spinosa444. Capparaceae
Capparis spinosa445. Caricaceae
Carica papaya446. Cleomaceae
Cleome maculata447. Cleomaceae
Cleome macrophylla448. Emblingiaceae
Emblingia calceoliflora449. Emblingiaceae
Emblingia calceoliflora450. Gyrostemonaceae
Codonocarpus cotinifolius451. Koeberliniaceae
Koeberlinia spinosa452. Limnanthaceae
Limnanthes douglasii453. Moringaceae
Moringa oleifera454. Moringaceae
Moringa oleifera455. Moringaceae
Moringa oleifera456. Pentadiplandraceae
Pentadiplandra brazzeana457. Pentadiplandraceae
Pentadiplandra brazzeana458. Resedaceae
Reseda lutea459. Resedaceae
Reseda lutea460. Salvadoraceae
Salvadora persica

Brassicales

Brassicales

Brassicales

Brassicales

Brassicales





489. Tepuianthaceae
Tepuianthus auyantepuiensis



490. Thymelaeaceae
Edgeworthia chrysantha



491. Tiliaceae
Tilia europaea

Malvales



492. Anacardiaceae
Anacardium occidentale



493. Anacardiaceae
Anacardium occidentale



494. Biebersteiniaceae
Biebersteinia odora



495. Burseraceae
Canarium denticulatum



496. Burseraceae
Canarium denticulatum

Sapindales



497. Cneoraceae
Cneorum tricoccon



498. Kirkiaceae
Kirkia wilmsii



499. Leitneriaceae
Leitneria floridana



500. Leitneriaceae
Leitneria floridana



501. Meliaceae
Entandrophragma sp.

Sapindales



502. Nitrariaceae
Nitraria schoberi



503. Peganaceae
Peganum harmala



504. Tetradielidaceae
Tetradielis tenella



505. Ptaeroxylaceae
Ptaeroxylon obliquum



506. Rutaceae
Citrus sp.

Sapindales



507. Sapindaceae
Litchi chinensis



508. Sapindaceae
Aesculus hippocastanum



509. Simaroubaceae
Ailanthus integrifolia

Sapindales



510. Cornaceae
Cornus kousa



511. Curtisiaceae
Curtisia dentata



512. Curtisiaceae
Curtisia dentata



513. Grubbiaceae
Grubbia rosmarinifolia



514. Hydrangeaceae
Hydrangea macrophylla

ASTERIDS
Cornales

					Cornales
515. Hydrangeaceae <i>Hydrangea aspera</i>	516. Hydrostachyaceae <i>Hydrostachys angustisecta</i>	517. Losaceae <i>Nasa macrothyrsa</i>			
					
518. Actinidiaceae <i>Saurauia</i> sp.	519. Balsaminaceae <i>Impatiens hawkeri</i>	520. Clethraceae <i>Clethra arborea</i>	521. Coridaceae <i>Coris monspeliensis</i>	522. Cyrillaceae <i>Cyrilla racemiflora</i>	
					Ericales
523. Diapensiaceae <i>Diapensia lapponica</i>	524. Ebenaceae <i>Diospyros macrophylla</i>	525. Ebenaceae <i>Diospyros wallichii</i>	526. Ericaceae <i>Erica melastoma</i>	527. Fouquieriaceae <i>Fouquieria formosa</i>	
					
528. Lecythidaceae <i>Couratari guianensis</i>	529. Lissocarpaceae <i>Lissocarpa benthamii</i>	530. Lissocarpaceae <i>Lissocarpa benthamii</i>	531. Maesaceae <i>Maesa macrocarpa</i>	532. Maesaceae <i>Maesa denticulata</i>	
					Ericales
533. Maregraviaceae <i>Marcgravia nepenthoides</i>	534. Myrsinaceae <i>Ardisia villosa</i>	535. Pentaphylacaceae <i>Pentaphylax euryoides</i>	536. Pentaphylacaceae <i>Pentaphylax euryoides</i>	537. Sladeniaceae <i>Sladenia celastrifolia</i>	
					
538. Sladeniaceae <i>Sladenia celastrifolia</i>	539. Polemoniaceae <i>Polemonium caeruleum</i>	540. Primulaceae <i>Cyclamen pseudibericum</i>	541. Roridulaceae <i>Roridula gorgonias</i>	542. Samolaceae <i>Samolus repens</i>	

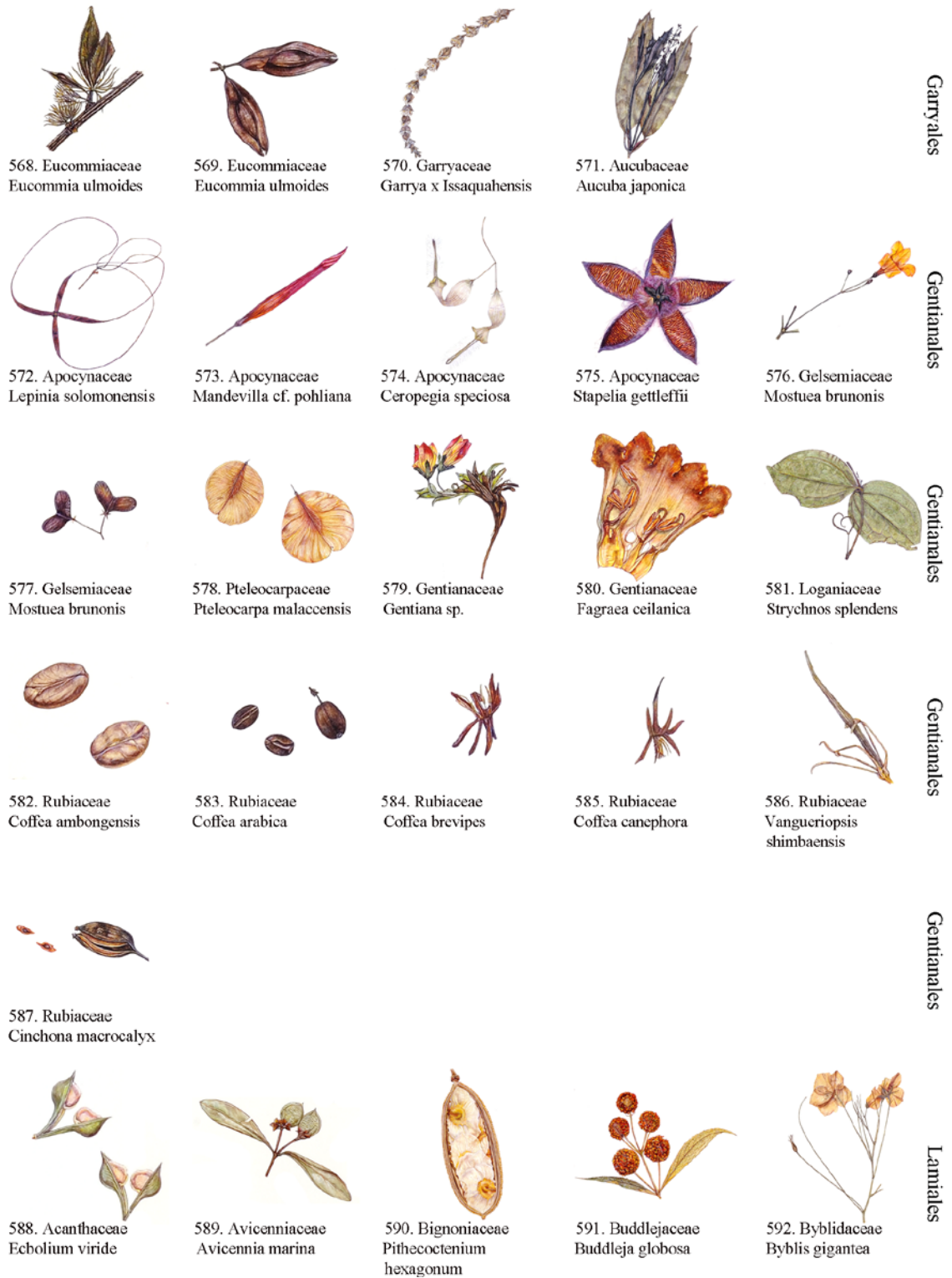



























Ericales

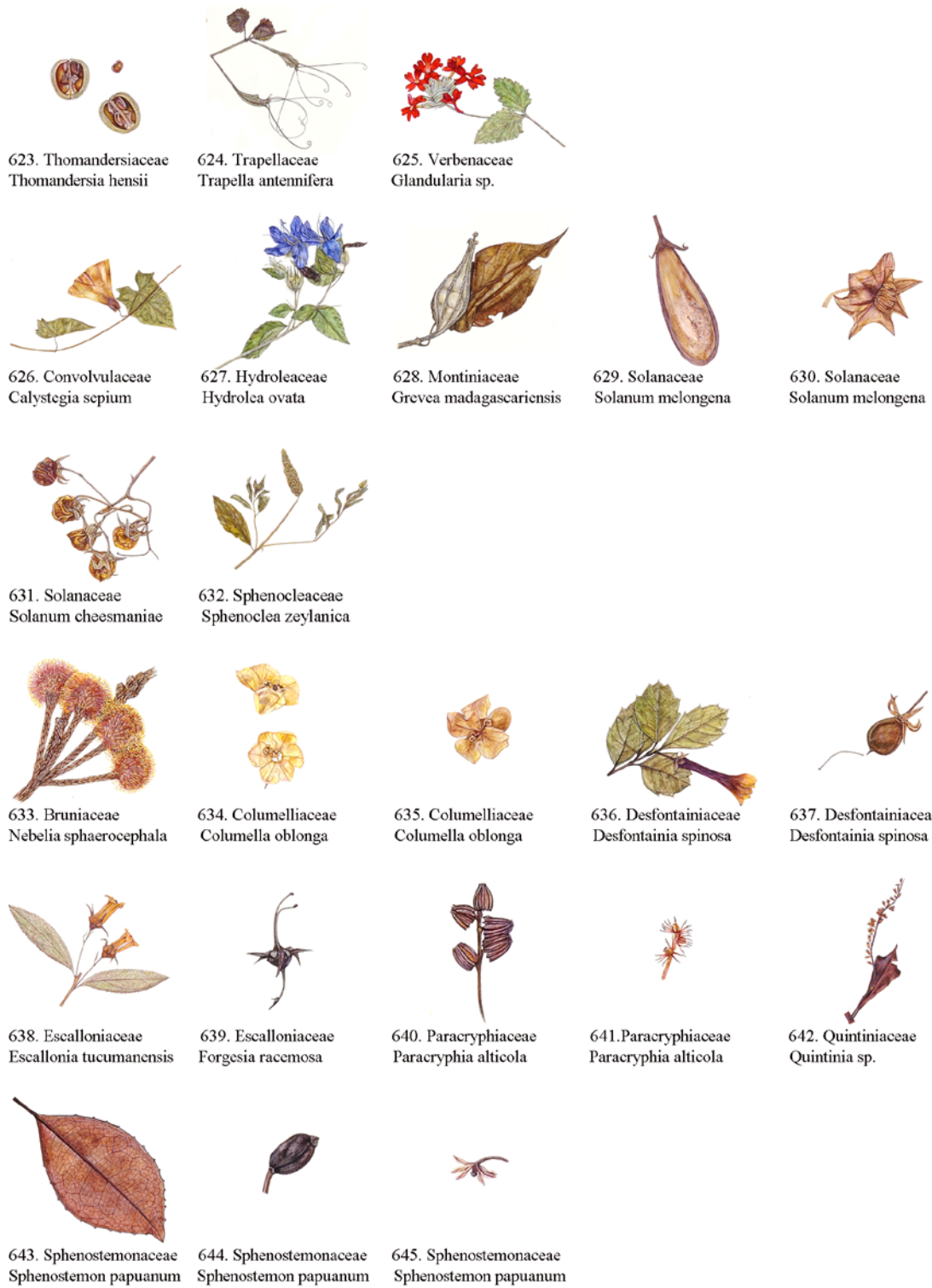
Ericales

Ericales

EUASTERIDS I (LAMIIDS)



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|---|---|---|--|---|-----------|
|  |  |  |  |  | Lamiiales |
| 593. Calceolariaceae
<i>Calceolaria glacialis</i> | 594. Callitrichaceae
<i>Callitriche stagnalis</i> | 595. Callitrichaceae
<i>Callitriche stagnalis</i> | 596. Carlemanniaceae
<i>Carlemannia griffithii</i> | 597. Carlemanniaceae
<i>Carlemannia griffithii</i> | |
|  |  |  |  |  | Lamiiales |
| 598. Cyclocheilaceae
<i>Cyclocheilon somaliense</i> | 599. Gesneriaceae
<i>Streptocarpus hirtinervis</i> | 600. Gesneriaceae
<i>Streptocarpus hirtinervis</i> | 601. Globulariaceae
<i>Globularia trichosantha</i> | 602. Hippuridaceae
<i>Hippuris vulgaris</i> | |
|  |  |  |  |  | Lamiiales |
| 603. Lamiaceae
<i>Salvia quitensis</i> | 604. Lamiaceae
<i>Lavandula angustifolia</i> | 605. Lamiaceae
<i>Clerodendrum myricoides</i> | 606. Lentibulariaceae
<i>Utricularia stellaris</i> | 607. Martyniaceae
<i>Martynia althaeifolia</i> | |
|  |  |  |  |  | Lamiiales |
| 608. Myoporaceae
<i>Eremophila alternifolia</i> | 609. Nesogenaceae
<i>Nesogenes</i> sp. | 610. Oleaceae
<i>Jasminum floribundum</i> | 611. Oleaceae
<i>Olea europaea</i> | 612. Oleaceae
<i>Olea europaea</i> | |
|  |  |  |  |  | Lamiiales |
| 613. Oleaceae
<i>Fraxinus excelsior</i> | 614. Pedaliaceae
<i>Uncarina grandidieri</i> | 615. Phrymaceae
<i>Phryma leptostachya</i> | 616. Plantaginaceae
<i>Plantago lanceolata</i> | 617. Plocospermataceae
<i>Plocosperma buxifolium</i> | |
|  |  |  |  |  | Lamiiales |
| 618. Schlegeliaceae
<i>Schlegelia darienensis</i> | 619. Scrophulariaceae
<i>Digitalis purpurea</i> | 620. Stilbaceae
<i>Campylostachys cernua</i> | 621. Symphoremataceae
<i>Sphenodesme ferruginea</i> | 622. Tetrachondraceae
<i>Tetrachondra hamiltonii</i> | |




















Lamiiales

Solanales

Solanales

EUASTERIDS II (CAMPANULIDS)

 <p>646. Apiaceae <i>Angelica gmelinii</i></p>	 <p>647. Araliaceae <i>Schefflera pachystyla</i></p>	 <p>648. Griselinaceae <i>Griselinia ruscifolia</i></p>	 <p>649. Melanophyllaceae <i>Melanophylla crenata</i></p>	 <p>650. Myodocarpaceae <i>Myodocarpus fraxinifolius</i></p>	<p>Apiales</p>
 <p>651. Pennantiaceae <i>Pennantia corymbosa</i></p>	 <p>652. Pennantiaceae <i>Pennantia corymbosa</i></p>	 <p>653. Pittosporaceae <i>Pittosporum tobira</i></p>	 <p>654. Torricelliaceae <i>Torricellia angulata</i></p>		<p>Apiales</p>
 <p>655. Aquifoliaceae <i>Ilex aquifolium</i></p>	 <p>656. Aquifoliaceae <i>Ilex aquifolium</i></p>	 <p>657. Cardipteridaceae <i>Cardipteris quinqueloba</i></p>	 <p>658. Cardipteridaceae <i>Cardipteris moluccana</i></p>	 <p>659. Helwingiaceae <i>Helwingia himalaica</i></p>	<p>Aquifoliales</p>
 <p>660. Helwingiaceae <i>Helwingia himalaica</i></p>	 <p>661. Phyllonomaceae <i>Phyllonoma ruscifolia</i></p>	 <p>662. Stemonuraceae <i>Stemonurus scorpioides</i></p>			<p>Aquifoliales</p>
 <p>663. Alseuosmiaceae <i>Crispiloba disperma</i></p>	 <p>664. Alseuosmiaceae <i>Crispiloba disperma</i></p>	 <p>665. Alseuosmiaceae <i>Crispiloba disperma</i></p>	 <p>666. Argophyllaceae <i>Corokia cotoneaster</i></p>	 <p>667. Argophyllaceae <i>Corokia cotoneaster</i></p>	<p>Asterales</p>
 <p>668. Argophyllaceae <i>Corokia cotoneaster</i></p>	 <p>669. Asteraceae <i>Phaenocoma prolifera</i></p>	 <p>670. Asteraceae <i>Stiffilia fruticosa</i></p>	 <p>671. Asteraceae <i>Helianthus annuus</i></p>	 <p>672. Asteraceae <i>Helianthus annuus</i></p>	<p>Asterales</p>





700. Sambucaceae
Sambucus nigra



701. Sambucaceae
Sambucus nigra



702. Triplostegiaceae
Triplostegia glandulifera



703. Viburnaceae
Viburnum carlesii