

An Outline of a Classification of Palms

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This paper formalizes a new classification of the palm family used to determine the arrangement of genera in "Genera Palmarum, a Classification of Palms Based on the Work of H. E. Moore, Jr." (Uhl and Dransfield in press). The classification will be discussed and justified in detail in "Genera Palmarum." We present this outline in part to validate new names of some tribes and subtribes and so make them available for use by others working with palms before the publication of the book.

The system we have developed is derived from that of Moore (1973) but with modifications. Although the names of Moore's suprageneric categories have been immensely useful, they have had no formal nomenclatural status. We have critically reviewed all suprageneric categories in the light of recent research to determine those we wish to recognize, and have selected the earliest validly published names that are based on genera included by us in those categories. Each suprageneric name is typified by the name of the genus which forms the root of the name. Thus, as long as a particular group contains the type genus of the earliest valid name at that rank, the category must take this name, even though the original author's conception of the category may differ widely from ours. The rules governing this selection of names are those designated in the International Code of Botanical Nomenclature (ICBN 1983).

ORDER: PRINCIPES Endlicher, *Genera Plantarum* 244. 1837.

FAMILY: PALMAE Jussieu, *Genera Plantarum* 37. 1789 (conserved name).

ARECACEAE C. H. Schultz-Schultzenstein, *Natürliches System des Pflanzenreichs* 317. 1832 (conserved alternative name for the family).

Subfamily I. **Coryphoideae** Griffith, *Calcutta Journal of Natural History* 5: 311. 1844. ('*Coryphinae*').

Corypheae Martius in Endlicher, *Genera Plantarum* 252. 1837. ('*Coryphinae*').

Thrinacinae Beccari, *Webbia* 2: 9. 1907. ('*Thrinaceae*'). Type: **Thrinax**.

1. *Trithrinax* (*Diodosperma*)
2. *Chelyocarpus* (*Tessmanniodoxa*, *Tessmanniophoenix*)
3. *Cryosophila* (*Acanthorrhiza*)
4. *Itaya*
5. *Schippia*
6. *Thrinax* (*Hemithrinax*)
7. *Coccothrinax* (*Haitiella*, *Thrincoma*, *Thringis*)
8. *Zombia* (*Oothrinax*)

9. Trachycarpus
10. Rhapidophyllum
11. Chamaerops (Chamaeriphe, Chamaeriphes)
12. Maxburretia (Liberbaileya, Symphyogyne)
13. Guihaia
14. Rhapsis

Livistoninae Saakov, Palms and their culture in the USSR 193. 1954. Type:

Livistona.

15. Livistona (Saribus, Wissmannia)
16. Pholidocarpus
17. Johannesteijsmannia (Teysmannia)
18. Licuala (Dammera, Pericycla)
19. Pritchardiopsis
20. Pritchardia (Eupritchardia, Styloma)
21. Colpothrinax
22. Acoelorrhaphe (Acanthosabal, Paurotis)
23. Serenoa (Diglossophyllum)
24. Brahea (Erythea, Glaucothea)
25. Copernicia (Arrudaria, Coryphomia)
26. Washingtonia (Neowashingtonia)

Coryphinae J. Dransfield & N. Uhl, **subtribus nova**. Carpella 3, basin connata, stylis distinctis vel connatis sed canalibus stylorum discretis. Typus: **Corypha** Linnaeus.

(Although Beccari (1907) published the name '*Eucorypheae*' as a subtribe including the genus *Corypha*, the root of the subtribal name is *Eucorypha* rather than *Corypha*, and because of this it must be considered invalid under articles 19 and 32 of the International Code (ICBN 1983). We have no choice but to publish Coryphinae as a new name.)

27. Corypha (Codda-Pana, Gembanga, Taliera)
28. Nannorrhops
29. Chuniophoenix
30. Kerriodoxa

Sabalinae Martius in Endlicher, Genera Plantarum 252. 1837. Type: **Sabal**.

31. Sabal (Inodes)

Phoeniceae Drude in Martius, Flora Brasiliensis 3(2): 279. 1881. Type: **Phoenix**.

32. Phoenix (Dachel, Elate, Fulchironia, Palma, Phoniphora, Zelonops)

Borasseae Martius in Endlicher, Genera Plantarum 250. 1837. ('*Borassinae*').

Lataniinae Meisner, Plantarum Vascularium Genera 1: 357. 1842. ('*Latanieae*').

Type: **Latania**.

33. Borassodendron
34. Latania (Cleophora)
35. Borassus (Lontarus)
36. Lodoicea

Hyphaeninae Beccari, Palme della Tribu Borasseae 1. 1924. ('*Hyphaeneae*').

Type: **Hyphaene**.

37. Hyphaene (Cucifera, Doma, Douma)
38. Medemia
39. Bismarckia

Subfamily II. **Calamoideae** Griffith, *Calcutta Journal of Natural History* 5: 4. 1844.

Calameae Drude in Martius, *Flora Brasiliensis* 3(2): 270. 1881.

Ancistrophyllinae Beccari, *Annals of the Royal Botanic Garden, Calcutta* 12(2): 209. 1918. (*Ancistrophyllae*). Type: *Ancistrophyllum* = **Laccosperma**.

40. *Laccosperma* (*Ancistrophyllum*, *Neoancistrophyllum*)

41. *Eremospatha*

Eugeissoninae Beccari, *Annals of the Royal Botanic Garden, Calcutta* 12(2): 210. 1918. (*Eugeissonae*). Type: **Eugeissona**.

42. *Eugeissona*

Metroxylinae Blume, *Rumphia* 2: 157. 1843. (*Metroxyleae*). Type: **Metroxylon**.

43. *Metroxylon* (*Coelococcus*, *Sagus*)

44. *Korthalsia* (*Calamosagus*)

Calamineae Meisner, *Plantarum Vascularium Genera* 1: 356. 1842. Type: **Calamus**.

45. *Eleiodoxa*

46. *Salacca* (*Lophospatha*)

47. *Daemonorops*

48. *Calamus* (*Cornera*, *Palmijuncus*, *Rotang*, *Rotanga*, *Schizospatha*, *Zalaccella*)

49. *Calospatha*

50. *Pogonotium*

51. *Ceratolobus*

52. *Retispatha*

Plectocomiinae J. Dransfield & N. Uhl, **subtribus nova**. *Palmae dioecae, hapaxanthae scandentes, cirro acanthophyllis carenti; bracteae rachillas subtendentae conspicuae vel inconspicuae; rachillae gracillimae vel multo condensentes; flores staminati geminati vel solitarii; flores pistillati solitarii; sarcotesta crassa sed aliquantum sicca. Typus: Plectocomia* Martius ex Blume.

53. *Myrialepis* (*Bejaudia*)

54. *Plectocomiopsis*

55. *Plectocomia*

Pigafettinae J. Dransfield & N. Uhl, **subtribus nova**. *Palma elata dioeca pleoanatha; rachillae gracillimae bracteis minutissimis; flores staminati geminati; flores pistillati solitarii; sarcotesta succosa. Typus: Pigafetta* (Blume) Beccari.

56. *Pigafetta*

Raphiinae J. D. Hooker in Bentham & J. D. Hooker, *Genera Plantarum* 3: 872, 881. 1883. (*Raphieae*). Type: **Raphia**.

57. *Raphia* (*Sagus*)

Oncocalaminae J. Dransfield & N. Uhl, **subtribus nova**. *Palmae monoecae, hapaxanthae, scandentes, cirro acanthophyllas ferenti; bracteae rachillarum 3-11 flores subtendentes, flore centrali pistillato, et cincinnis duobus lateralibus 0-1 flores pistillatos et aliquot flores staminatos ferentibus. Typus: Oncocalamus* (G. Mann & H. A. Wendland) G. Mann & H. A. Wendland.

58. *Oncocalamus*

Lepidocaryeae Martius in Endlicher, *Genera Plantarum* 248. 1837. (*Lepidocaryinae*).

59. *Mauritia* (*Orophoma*)

60. *Mauritiella* (*Lepidococcus*)

61. *Lepidocaryum*

Subfamily III. **Nypoideae** Griffith, Palms of British India 7. 1850. ('*Nipinae*'). Type: **Nypa**.

62. *Nypa* (*Nipa*)

Subfamily IV. **Ceroxyloideae** Drude in Martius, Flora Brasiliensis 3(2): 271. 1881 (as suborder '*Ceroxylinae*').

Cyclospatheae O. F. Cook, Memoirs of the Torrey Botanical Club 12: 24. 1902.

Type: *Cyclospathe* = **Pseudophoenix**.

63. *Pseudophoenix* (*Chamaephoenix*, *Cyclospathe*, *Sargentia*)

Ceroxyleae Satake, Hikobia 3: 125. 1962. Type: **Ceroxylon**.

64. *Ceroxylon* (*Beethovenia*, *Klopstockia*)

65. *Oraniopsis*

66. *Juania*

67. *Louvelia*

68. *Ravenea* (*Ranevea*)

Hyophorbeae Drude in Martius, Flora Brasiliensis 3(2): 275. 1881. Type: **Hyophorbe**.

69. *Gaussia* (*Aeria*, *Opsandra*)

70. *Hyophorbe* (*Mascarena*, *Sublimia*)

71. *Synechanthus* (*Rathea*, *Reineckea*)

72. *Chamaedorea* (*Collinia*, *Dasystachys*, *Eleutheropetalum*, *Kinetostigma*, *Kunthia*, *Morenia*, *Nunnezharia*, *Nunnezia*, *Spathoscaphe*, *Stachyophorbe*, *Stephanostachys*)

73. *Wendlandiella*

Subfamily V. **Arecoideae**

Caryoteae Drude in Martius, Flora Brasiliensis 3(2): 278. 1881. Type: **Caryota**.

74. *Arenga* (*Blancoa*, *Didymosperma*, *Gomutus*, *Saguerus*)

75. *Caryota* (*Schunda-Pana*, *Thuessinkia*)

76. *Wallichia* (*Asraoa*, *Harina*, *Wrightea*)

Iriarteae Drude in Martius, Flora Brasiliensis 3(2): 278. 1881.

Iriarteinae J. D. Hooker in Bentham & J. D. Hooker, Genera Plantarum 3: 872, 875. 1883. ('*Iriarteae*'). Type: **Iriartea**.

77. *Dictyocaryum* (*Dahlgrenia*)

78. *Iriartella* (*Cuatrecasea*)

79. *Iriartea* (*Deckeria*)

80. *Socratea* (*Metasocratea*)

Wettiniinae J. D. Hooker in Bentham & J. D. Hooker, Genera Plantarum 3: 872, 876. 1883. ('*Wetteniae*'). Type: **Wettinia**.

81. *Catoblastus* (*Acrostigma*, *Catostigma*)

82. *Wettinia* (*Wettinella*, *Wettiniicarpus*)

Podococceae J. Dransfield & N. Uhl, **tribus nova**. *Palmae graciles, monoecae, pleonanthae, erectae, foliis reduplicate pinnatis, foliolis praemorsis, nervis basi radiatis; inflorescentia bisexualis, spicata, prophyllum et 2-3 bracteas pedunculares ferens; flores triadibus, in foveis profundis dispositis, singulariter exsertis; petala floris pistillati imbricata; gynoecium triloculare, triovulatum; fructus 1-3 lobatus, 1-3 seminibus, lobis horizontalibus, stigmatibus basali. Typus: **Podococcus** G. Mann & H. A. Wendland.*

83. *Podococcus*.

Areceae

Oraniinae J. Dransfield & N. Uhl, **subtribus nova**. Palmae mediocres vel robustae, inermes; foliis pinnatis, foliolis praemorsis; prophyllum bractea pedunculari multo brevius, vagina folii plerumque occultum; petala floris pistillati valvata; gynoecium triovulatum; fructus 1-3 seminalis, rotundatus vel lobatus, stigmatibus basali; epicarpio laeve; embryo laterali vel subapicali. Typus: **Orania** Zippelius.

84. Halmoorea

85. Orania (Arausiaca, Macrocladus, Sindroa)

Manicariinae J. Dransfield & N. Uhl, **subtribus nova**. Palmae mediocres, inermes, brevicaules, foliis grandis, integris vel irregulariter pinnatis, marginibus praemorsis; prophyllum et bractea pedunculares rostratae, retiformes, inflorescentiam includentes; petala floris pistillati valvata; gynoecium triovulatum; fructus 1-3 seminalis, rotundatus vel lobatus, suberoso-verrucatus, stigmatibus subbasali, embryo basali. Typus: **Manicaria** J. Gaertner.

86. Manicaria (Pilophora)

Leopoldiniinae J. Dransfield & N. Uhl, **subtribus nova**. Palmae mediocres, inermes, brevicaules, foliis pinnatis, foliolis integris; prophyllum bractea pedunculari \pm simile; petala floris pistillati valvata; gynoecium triovulatum; fructus 1-seminalis, rotundatus vel lenticularis, epicarpio laeve, mesocarpio fibris conspicuis ferenti, stigmatibus basali, embryo basali. Typus: **Leopoldinia** Martius.

87. Leopoldinia.

Malortieinae J. D. Hooker in Bentham & J. D. Hooker, *Genera Plantarum* 3: 872, 876. 1883 ('*Malortieae*'). Type: *Malortiea* = **Reinhardtia**.

88. Reinhardtia (Malortiea)

Dypsidinae Beccari, *Palme del Madagascar* 2. 1914. Type: **Dypsis**.

89. Vonitra

90. Chrysalidocarpus (Macrophloga, Phlogella)

91. Neophloga (Dypsidium, Haplodypsis, Haplophloga)

92. Neodypsis (Antongilia tentatively included here)

93. Phloga

94. Dypsis (Adelodypsis, Trichodypsis)

Euterpeinae J. Dransfield & N. Uhl, **subtribus nova**. Palmae parvae vel magnae, columna coronae praesentia vel carenti, foliis pinnatis vel pinnate-nervis, foliolis integris; inflorescentia infrafoliacea vel raro interfoliacea, raro spicata, plerumque 1 ordine ramorum gaudens, prophylo basi ad pedunculum non adnato; bractea peduncularis ante anthesin e prophylo aliquantum vel conspicue exserta; flos masculus plerumque asymmetricalis, \pm acutus, filamentis plerumque inflexis; petala floris pistillati imbricata; gynoecium pseudomonomerum: fructus stigmatibus basali, laterali vel apicali. Typus: **Euterpe** Martius.

95. Euterpe (Catis, Plectis, Rooseveltia)

96. Prestoea (Acrista, Euterpe, Martinezia, Oreodoxa)

97. Neonicholsonia (Bisnicholsonia, Woodsonia)

98. Oenocarpus

99. Jessenia

100. Hyospathe

Roystoneinae J. Dransfield & N. Uhl, **subtribus nova**. Palmae elatae, robustae, inermes, foliis pinnatis, foliolis integris; columna coronae conspicua; inflorescen-

tia infrafoliacea, in 4 ordines ramificans; petala floris pistillati basin connata, apice valvata; staminodia in cupulam connata et ad petala adnata; gynoecium pseudomonomerum; fructus stigmatibus basali. Typus: **Roystonea** O. F. Cook.

101. *Roystonea* (*Oreodoxa*).

Archontophoenicinae J. Dransfield & N. Uhl, **subtribus nova**. Palmae mediocres vel robustae, plerumque elatae, inermes, foliis pinnatis, foliolis integris; columna coronae conspicua; inflorescentia in 2-3 ordines ramorum ramificans; prophyllum bractae pedunculari simile; flores staminati \pm asymmetricales, filamentis in alabastro erectis inflexisve; petala floris pistillati imbricata; gynoecium pseudomonomerum; fructus stigmatibus apicali, endocarpio operculo carenti, embryone basali. Typus: **Archontophoenix** H. A. Wendland & Drude.

102. *Archontophoenix* (*Loroma*)

103. *Chambeyronia*

104. *Hedyscepe*

105. *Rhopalostylis* (*Eora*)

106. *Kentiopsis*

107. *Mackeeia*

108. *Actinokentia*

Cyrtostachyinae J. Dransfield & N. Uhl, **subtribus nova**. Palmae inermes, mediocres vel elatae, foliis pinnatis, foliolis integris; columna coronae conspicua; inflorescentia infrafoliacea, in 3 ordines ramificans, pedunculo brevissimo, ramis basalibus valde divaricantibus; prophyllum bractae pedunculari simile, caducum; triades in foveis rotundate labiatis portati; flores staminati symmetricales, in alabastro rotundati, filamentis basin connatis, inflexis; petala floris pistillati imbricata; gynoecium pseudomonomerum; fructus stigmatibus apicali, embryone basali. Typus: **Cyrtostachys** Blume.

109. *Cyrtostachys*

Linospadicinae J. D. Hooker in Bentham & J. D. Hooker, *Genera Plantarum* 3: 872, 876. 1883. (*Linospadiceae*). Type: **Linospadix**.

110. *Calyptrocalyx* (*Linospadix*, *Paralinospadix*)

111. *Linospadix* (*Bacularia*)

112. *Laccospadix*

113. *Howea* (*Denea*, *Grisebachia*)

Ptychospermatinae J. D. Hooker in Bentham & J. D. Hooker, *Genera Plantarum* 3: 872, 874. 1883. (*Ptychospermeae*). Type: **Ptychosperma**.

114. *Drymophloeus* (*Coleospadix*, *Rehderophoenix*, *Saguaster*, *Solfia*)

115. *Carpentaria*

116. *Veitchia* (*Adonidia*, ?*Kajewskia*, *Vitiphoenix*)

117. *Balaka*

118. *Normanbya*

119. *Wodyetia*

120. *Ptychosperma* (*Actinophloeus*, *Drymophloeus*, *Ponapea*, *Romanowia*, *Seaforthia*, *Strongylocaryum*)

121. *Ptychococcus*

122. *Brassiophoenix*

Arcinae. Type: **Areca**.

123. *Loxococcus*

124. *Gronophyllum* (*Kentia*, *Leptophoenix*, *Nengella*)

125. *Siphokentia*

- 126. Hydriastele (*Adelonenga*)
- 127. *Gulubia* (*Gulubiopsis*, *Paragulubia*)
- 128. *Nenga*
- 129. *Pinanga* (*Cladosperma*, *Ophiria*, *Pseudopinanga*)
- 130. *Areca* (*Gigliolia*, *Mischophloeus*, *Pichisermollia*)

Iguanurinae J. D. Hooker in Bentham & J. D. Hooker, *Genera Plantarum* 3: 872, 876. 1883. (*'Iguanureae'*). Type: **Iguanura**.

- 131. *Neoveitchia*
- 132. *Pelagodoxa*
- 133. *Iguanura* (*Slackia*)
- 134. *Brongniartikentia*
- 135. *Lepidorrhachis*
- 136. *Heterospathe* (*Barkerwebbia*, *Ptychandra*)
- 137. *Sommieria*
- 138. *Bentinckia* (*Keppleria*)
- 139. *Clinosperma*
- 140. *Cyphokentia* (*Dolichokentia*)
- 141. *Moratia*
- 142. *Clinostigma* (*Bentinckiopsis*, *Clinostigmopsis*, *Exorrhiza*)
- 143. *Alsmithia*
- 144. *Satakentia*
- 145. *Rhopaloblaste* (*Ptychoraphis*)
- 146. *Dictyosperma* (*Dicrosperma*, *Linoma*)
- 147. *Actinorhytis*
- 148. *Lavoixia*
- 149. *Alloschmidia*
- 150. *Cyphophoenix*
- 151. *Campecarpus*
- 152. *Basselinia* (*Microkentia*, *Nephrocarpus*)
- 153. *Cyphosperma* (*Taveunia*)
- 154. *Veillonia*
- 155. *Burretiokentia* (*Rhynchocarpa*)
- 156. *Physokentia* (*Goniosperma*)
- 157. *Goniocladus*

Oncospermatinae J. D. Hooker in Bentham & J. D. Hooker, *Genera Plantarum* 3: 872, 874. 1883. (*'Oncospermeae'*). Type: **Oncosperma**.

- 158. *Deckenia*
- 159. *Acanthophoenix*
- 160. *Oncosperma* (*Keppleria*)
- 161. *Tectiphiala*
- 162. *Verschaffeltia*
- 163. *Roscheria*
- 164. *Phoenicophorium* (*Stevensonia*)
- 165. *Nephrosperma*

Sclerospermatinae J. Dransfield & N. Uhl, **subtribus nova**. *Palmae inermes robustae, brevicaules vel acaulescentes, columna coronae carenti; folia magna, bifida vel regulariter vel irregulariter pinnata, marginibus integris vel praemorsis; inflorescentia interfoliacea, spicata vel in 2 ordines ramificans, condensata, pedunculo brevi, crasso, prophylo parvo, bracteae pedunculares 1 completa,*

aliquot incompletae; rachillae crassae; flores saltem staminati in foveis vadis vel altis portati; sepala plerumque angusta, non convenientia; flores pistillati petalis imbricatis, gynoecio pseudomonomero; fructus stigmatate laterali vel apicali, embryone basali. Typus: **Sclerosperma** G. Mann & H. A. Wendland.

166. *Sclerosperma*

167. *Marojejya*

Areceae incertae sedis

168. *Masoala*

169. *Carpoxyton*

Cocoeae Martius in Endlicher, *Genera Plantarum* 254. 1837. ('*Cocoinae*')

Beccariophoenicinae J. Dransfield & N. Uhl, **subtribus nova**. Palma maxima, inermis, foliis regulariter pinnatis, foliolis acutis; inflorescentia in 1 (raro 2) ordines ramificans; bractea peduncularis versus apicem pedunculi portata, crassissima, lignosa, apparenter circumscissilis, anthesin decidua, rachillae basi tumidae; fructus 1-seminalis, endocarpio tenui, poro inconspicuo; endospermium ruminatum, embryone laterali versus basin. Typus: **Beccariophoenix** H. Jumelle & H. Perrier de la Bâthie.

170. *Beccariophoenix*

Butiinae Saakov, *Palms and their culture in the USSR* 193. 1954. Type: **Butia**.

(Hooker in Bentham & Hooker, *Genera Plantarum* 3: 873, 882. 1883. Published 'Eucocoinae' at the subtribal level to include, as type, the genus *Cocos*. Unfortunately the name is invalidly published under articles 19 and 32 of the International Code (ICBN 1983), being based on *Eucocos*, a proscribed name form. Three more names have been published at the subtribal level, which include genera belonging to the subtribe as we define it. These are *Butiinae* Saakov, *Arecastrinae* Saakov, and *Jubaeinae* Saakov (Saakov 1954). Of these we have chosen the first.)

171. *Butia*

172. *Jubaea* (*Micrococos*, *Molinaea*)

173. *Jubaeopsis*

174. *Cocos* (*Calappa*, *Coccus*)

175. *Syagrus* (*Arecastrum*, *Arikury*, *Arikuryroba*, *Barbosa*, *Chrysallidosperma*, *Langsdorffia*, *Platenia*, *Rhyticocos*)

176. *Lytocaryum* (*Glaziova*, *Microcoelum*)

177. *Parajubaea*

178. *Allagoptera* (*Diplothemium*)

179. *Polyandrocos*

Attaleinae Drude in Engler & Prantl, *Natürlichen Pflanzenfamilien* 2, 3: 27, 78.

1887. ('*Attaleae*'). Type: **Attalea**.

180. *Attalea* (*Lithocarpus*, *Pindarea*, *Sarinia*)

181. *Scheelea*

182. *Orbignya* (*Parascheelea*)

183. *Maximiliana* (*Englerophoenix*) (*Markleya*, an intergeneric hybrid between *Maximiliana* and *Orbignya* included here)

Elaeidinae J. D. Hooker in Bentham & J. D. Hooker, *Genera Plantarum* 3: 873,

882. 1883. ('*Elaeideae*'). Type: **Elaeis**.

184. *Barcella*

185. *Elaeis* (*Alfonsia*, *Corozo*)

Bactridinae J. D. Hooker in Bentham & J. D. Hooker, *Genera Plantarum* 3: 873, 881. 1883. ('*Bactrideae*'). Type: **Bactris**.

186. *Acrocomia* (*Acanthococos*)
187. *Gastrococos*
188. *Aiphanes* (*Curima*, *Marara*, *Martinezia*, *Tilmia*)
189. *Bactris* (*Amylocarpus*, *Augustinea*, *Guilielma*, *Pyrenoglyphis*, *Yuyba*)
190. *Desmoncus* (*Atitara*)
191. *Astrocaryum* (*Avoira*, *Hexopetion*, *Toxophoenix*, *Ynesa*)

Geonomeae Drude in Martius, *Flora Brasiliensis* 3(2): 275. 1881.

192. *Pholidostachys*
193. *Welfia*
194. *Calyptronoma* (*Cocops*)
195. *Calyptrogyne*
196. *Asterogyne* (*Aristeyera*)
197. *Geonoma* (*Gynestum*, *Kalbrejera*, *Taenianthera*, *Vouay*)

Subfamily VI. **Phytelephantoideae** Drude in Engler & Prantl, *Natürlichen Pflanzenfamilien* 2, 3: 28, 86. 1887. ('*Phytelephantinae*'). Type: **Phytelephas**.

198. *Palandra*
199. *Phytelephas* (*Elephantusia*, *Yarina*)
200. *Ammandra*

Acknowledgments

We are very grateful for nomenclatural advice from R. K. Brummitt and W. J. Dress; however, we take full responsibility for any misinterpretations of the Code.

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