

geelvinkiana (Becc.) Becc., Ann. Jard. Bot. Buitenzorg 2: 82 (1885). Type: Indonesia, Papua, Geelvinck Bay, *Beccari* s.n. (holotype FI).

16. *Hydriastele gibbsiana* (Becc.) W. J. Baker & Loo, **comb. nov.** *Kentia gibbsiana* Becc. in L. S. Gibbs, Fl. Arfak Mts: 91 (1917). *Gronophyllum gibbsianum* (Becc.) H. E. Moore, Gentes Herb. 9: 264 (1963). Type: Indonesia, Papua, Arfak Mts, *Gibbs* 5951 (holotype FI; isotypes K, L).

17. *Hydriastele gracilis* (Burret) W. J. Baker & Loo, **comb. nov.** *Nengella gracilis* Burret, J. Arnold Arbor. 20: 206 (1939). *Gronophyllum gracile* (Burret) Essig & B. E. Young, Principes 29: 134 (1985). Type: Papua New Guinea, Western, Palmer R., *Brass* 7083 (holotype A).

18. *Hydriastele hombronii* (Becc.) W. J. Baker & Loo, **comb. nov.** *Gulubia hombronii* Becc., *Webbia* 3: 161 (1910). Type: Solomon Islands, St. Georges Island, *Hombro* s.n. (holotype P; isotype fragment FI).

19. *Hydriastele kasesa* (Lauterb.) Burret, Notizbl. Bot. Gart. Berlin-Dahlem 13: 484 (1937). *Ptychosperma kasesa* Lauterb., Bot. Jahrb. Syst. 45: 357 (1911). *Adelonenga kasesa* (Lauterb.) Becc., Bot. Jahrb. Syst. 52: 26 (1914). Type: Papua New Guinea, New Ireland, Namatanai, *Peekel* 109 (holotype B†; isotype FI).

20. *Hydriastele kjellbergii* (Burret) W. J. Baker & Loo, **comb. nov.** *Gronophyllum kjellbergii* Burret, Notizbl. Bot. Gart. Berlin-Dahlem 13: 203 (1936). Type: Indonesia, Sulawesi, Palahari, *Kjellberg* 912 (holotype B†).

21. *Hydriastele ledermanniana* (Becc.) W. J. Baker & Loo, **comb. nov.** *Kentia ledermanniana* Becc., Bot. Jahrb. Syst. 58: 442 (1923). *Gronophyllum ledermannianum* (Becc.) H. E. Moore, Gentes Herb. 9: 264 (1963). Type: Papua New Guinea, East Sepik, Hunstein Mts, *Ledermann* 11229 (holotype B†).

22. *Hydriastele lepidota* Burret, J. Arnold Arbor. 20: 204 (1939). Type: Papua New Guinea, Tarara, *Brass* 8701A (holotype A; isotypes BRI, L).

23. *Hydriastele longispatha* (Becc.) W. J. Baker & Loo, **comb. nov.** *Gulubia longispatha* Becc., Bot. Jahrb. Syst. 52: 25 (1914). Type: Papua New Guinea, East Sepik, Sepik, *Schultze* 323 (holotype B†; isotype FI).

Gulubia crenata Becc., Bot. Jahrb. Syst. 58: 445 (1923). Type: Papua New Guinea, East Sepik, Hunstein Mts, *Ledermann* 8449 (holotype B†).

Gulubia obscura Becc., Bot. Jahrb. Syst. 58: 447 (1923). Type: Papua New Guinea, East Sepik, Ettapenberg, *Ledermann* 9133 (holotype B†).

Gulubia brassii Burret, Notizbl. Bot. Gart. Berlin-Dahlem 12: 336 (1935). Type: Papua New Guinea, *Brass* 5457 (holotype B†; isotype BRI).

24. *Hydriastele lurida* (Becc.) W. J. Baker & Loo, **comb. nov.** *Gronophyllum luridum* Becc., Nova Guinea 8: 207 (1909). Type: Indonesia, Papua, *Versteeg* 1388 (holotype FI; isotype BO, K, L).

25. *Hydriastele macrospadix* (Burret) W. J. Baker & Loo, **comb. nov.** *Paragulubia macrospadix* Burret, Notizbl. Bot. Gart. Berlin-Dahlem 13: 84 (1936). *Gulubia macrospadix* (Burret) H. E. Moore, Principes 10: 88 (1966). Type: Papua New Guinea, Bougainville Island, Kugumara, Buin, *Kajewski* 1787 (holotype B†; isotype A).

26. *Hydriastele manusii* (Essig) W. J. Baker & Loo, **comb. nov.** *Gronophyllum manusii* Essig, Principes 39: 100 (1995). Type: Papua New Guinea, Manus Island, Mt Dremsel, *Sands et al.* 2880 (holotype USF; isotype K).

27. *Hydriastele mayrii* (Burret) W. J. Baker & Loo, **comb. nov.** *Kentia mayrii* Burret, Notizbl. Bot. Gart. Berlin-Dahlem 11: 707 (1933). *Gronophyllum mayrii* (Burret) H. E. Moore, Gentes Herb. 9: 265 (1963). Type: Indonesia, Papua, Cyclops Mts, *Mayr* 658 (holotype B†; isotype BO).

28. *Hydriastele micrantha* (Burret) W. J. Baker & Loo, **comb. nov.** *Leptophoenix micrantha* Burret, Notizbl. Bot. Gart. Berlin-Dahlem 11: 710 (1933). *Nengella micrantha* (Burret) Burret, Notizbl. Bot. Gart. Berlin-Dahlem 13: 314 (1936). *Gronophyllum micranthum* (Burret) Essig & B. E. Young, Principes 29: 136 (1985). Type: Indonesia, Papua, Wandammen Mts, *Mayr* 253 (holotype B†; isotype BO).

29. *Hydriastele microcarpa* (Scheff.) W. J. Baker & Loo, **comb. nov.** *Gronophyllum microcarpum* Scheff., Ann. Jard. Bot. Buitenzorg 1: 153 (1876). Type: Indonesia, cultivated at Bogor Botanic Garden from seed collected in Ceram by Teijsmann (holotype ?BO; isotype ?FI).

NOTE. In his protologue, Scheffer (1876) refers to material grown at Bogor Botanic Garden from seed collected by Teijsmann in Ceram. Type material has not yet been located in the Bogor herbarium. Two specimens in Florence may represent fragments of the type. The first, annotated “Nel Giard. Bot. di Buitenzorg [in Bogor Botanic Garden] Dr. Scheffer, 1877”, is a likely candidate as a type duplicate, but the date does not conform precisely to the publication date of the protologue. The second, annotated “Amboina ad Hutumuri leg. Teijsmann ex. Herb. Bogor.”, could be identified as type material, but the locality information does not match Scheffer’s protologue. The existence and location of type material cannot be confirmed until a more thorough search has been made at the Bogor herbarium.

30. *Hydriastele microspadix* (Warb. ex K. Schum. & Lauterb.) Burret, Notizbl. Bot. Gart. Berlin-Dahlem 13: 484 (1937). *Kentia microspadix* Warb. ex K. Schum. & Lauterb., Fl. Schutzgeb. Südsee: 206 (1900). *Adelonenga microspadix* (Warb. ex K. Schum. & Lauterb.) Becc., Bot. Jahrb. Syst. 52: 26 (1914). Type: Papua New Guinea, Hatzfeldhafen, Warburg s.n. (lectotype (**here designated**) FI).

Ptychosperma beccarianum Warb. ex K. Schum. & Lauterb., Fl. Schutzgeb. Südsee: 208 (1900), nom. nud.

NOTE. Fragments of both collections cited in the protologue of *Hydriastele microspadix* (Warb. ex K. Schum. & Lauterb.) Burret, Warburg s.n. from Hatzfeldhafen and Lauterbach 2448 from the Schumannsfluss, exist in the Florence herbarium. We have chosen the former as lectotype because it is the more complete specimen. The specimen cited in the original literature of the *nomen nudum* *Ptychosperma beccarianum* Warb. ex K. Schum. & Lauterb. was also collected by Warburg at Hatzfeldhafen. Fragments of the collection are held in Florence, as is a photograph of the Berlin specimen, which is now destroyed. We concur with Burret (1928) that the specimen is a mixed gathering, containing parts of both *Hydriastele microspadix* and *Rhopaloblaste ceramica* (Miq.) Burret.

31. *Hydriastele moluccana* (Becc.) W. J. Baker & Loo, **comb. nov.** *Kentia moluccana* Becc., Malesia 1: 35 (1877). *Gulubia moluccana* (Becc.) Becc., Ann. Jard. Bot. Buitenzorg 2: 131 (1885). Type: Indonesia, Maluku, Ternate, Beccari s.n. (holotype FI).

32. *Hydriastele montana* (Becc.) W. J. Baker & Loo, **comb. nov.** *Nengella montana* Becc., Malesia 1: 33 (1877). *Gronophyllum montanum* (Becc.) Essig & B. E. Young, Principes 29: 134 (1985). Type: Indonesia,

Papua, Arfak Mts, Beccari s.n. (holotype FI). *Kentia beccarii* F. Muell., Extra. Trop. Pl. Ind.: 163 (1880). Type: not designated.

33. *Hydriastele nannostachys* W. J. Baker & Loo, **nom. nov.** *Gronophyllum microspadix* Burret, Notizbl. Bot. Gart. Berlin-Dahlem 12: 44 (1934). Type: Indonesia, Sulawesi, Linkobale, Lake Towati, Kjellberg 2232 (holotype B†).

NOTE. A *nomen novum* is required here because a combination of the epithet in the genus *Hydriastele*, *H. microspadix* (Warb. ex K. Schum. & Lauterb.) Burret, already exists.

34. *Hydriastele oxypetala* (Burret) W. J. Baker & Loo, **comb. nov.** *Gronophyllum oxypetalum* Burret, Notizbl. Bot. Gart. Berlin-Dahlem 13: 474 (1937). Type: Cultivated in Bogor Botanic Garden ex Pulau Mangoeli, Maluku, Indonesia, Furtado SFN 30929 (holotype B†; isotype ?SING).

35. *Hydriastele palauensis* (Becc.) W. J. Baker & Loo, **comb. nov.** *Gulubiopsis palauensis* Becc., Bot. Jahrb. Syst. 59: 11 (1924). *Gulubia palauensis* (Becc.) H. E. Moore & Fosberg, Gentes Herb. 8: 455 (1956). Type: Palau, Ledermann 14149 (holotype B†; type photo FI).

36. *Hydriastele pinangoides* (Becc.) W. J. Baker & Loo, **comb. nov.** *Nenga pinangoides* Becc., Malesia 1: 28 (1877). *Leptophoenix pinangoides* (Becc.) Becc., Ann. Jard. Bot. Buitenzorg 2: 82 (1885). *Nengella pinangoides* (Becc.) Burret, Notizbl. Bot. Gart. Berlin-Dahlem 13: 315 (1936). *Gronophyllum pinangoides* (Becc.) Essig & B. E. Young, Principes 29: 135 (1985). Type: Indonesia, Papua, Ramoi, Beccari 430 (holotype FI).

Nenga calophylla K. Schum. & Lauterb., Fl. Schutzgeb. Südsee: 208 (1900). *Nengella calophylla* (K. Schum. & Lauterb.) Becc., Bot. Jahrb. Syst. 52: 27 (1914). Type: Papua New Guinea, Morobe, Sattelberg, Lauterbach 564 (holotype B†, type photo FI).

Leptophoenix minor Becc., Webbia 1: 298 (1905). *Nengella minor* (Becc.) Burret, Notizbl. Bot. Gart. Berlin-Dahlem 13: 315 (1936). Type: Papua New Guinea, San Giuseppe R., Loria 10 (holotype FI).

Gronophyllum densiflorum Ridl., Trans. Linn. Soc. London, Bot. 9: 232 (1916). *Nengella densiflora* (Ridl.) Burret, Notizbl. Bot. Gart. Berlin-Dahlem 13: 316 (1936). *Leptophoenix densiflora* (Ridl.) Burret, Notizbl. Bot. Gart. Berlin-Dahlem 13: 205 (1936). Type: Indonesia, Papua, Mt Carstenz, Kloss s.n. (holotype BM; isotype K).