

Annotated checklist of the *Medinilla* (Melastomataceae) of Malesia

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Abstract: There are 242 species and 2 varieties of Malesian *Medinilla* (Melastomataceae) included in the checklist. Of these, 238 species and 2 varieties are known to be endemic to the Malesian region with 82 endemic to the Philippines, 75 to New Guinea, 32 to Borneo, 13 to Sumatra, 5 to Sulawesi, 4 to Maluku, 4 to Peninsular Malaysia and 2 to Java, while the rest are widespread in Malesia. Two new names, *M. berastagiensis* Karton. and *M. nabirensis* Karton., are proposed here to replace the illegitimate *Medinilla micrantha* Ridl. and *M. pachyphylla* Kaneh. & Hatus. ex Ohwi respectively. The next step for *Medinilla* in Malesia is to carry out a full taxonomic revision to better understand distribution patterns and species limits and also to assign appropriate neotypes for those species still missing original material.

Keywords: Endemic, Malesia, *Medinilla*, Southeast Asia, Typification.

Introduction

Medinilla Gaudich. is the largest genus in the Old World Melastomataceae with 362–375 species (Bodegom & Veldkamp, 2001; Mabberley, 2008; Quakenbush *et al.*, 2020). It consists of epiphytic, terrestrial shrubs, and climbers distributed from tropical Africa, Madagascar, India, Sri Lanka, throughout southeast Asia, Taiwan, Malesia, northern Australia to the Pacific Islands (Bodegom & Veldkamp, 2001; Fernando & Balet, 2013). The Malesian region is believed to be a center of diversity for the genus and an area of ancient diversification (Bodegom & Veldkamp, 2001). The high species number in *Medinilla*, that includes both restricted endemism and widespread distributions, make it an excellent model genus for biogeographic and

ecological studies. However, to achieve these goals, basic taxonomic work is required, particularly on the biodiversity of the Malesian flora.

The first record of *Medinilla* species in Malesia was published by Rumphius in his *Herbarium Amboinense* under the name *Funis muraenarum* (Rumphius, 1747; Merrill, 1917b). Linnaeus in his *Species Plantarum* re-named the species as *Melastoma crispatum* L. [*Medinilla crispata* (L.) Blume] based on Rumphius' illustration from Amboina, Maluku Islands, Indonesia (Linnaeus, 1762). Later, Jack (1823) described three species, with two from Sumatra and one from Singapore, still under *Melastoma* (*M. alpestre* Jack, *M. eximium* Jack and *M. rubicundum* Jack). In 1826, Blume proposed twenty six *Melastoma* species mostly from Malesia, ten of which were later transferred to *Medinilla* (Blume, 1826, 1831). After *Medinilla* was established by Gaudichaud-Beaupré (De Candolle, 1828) with the type species from the Pacific Islands, Blume transferred most of the species of Malesian *Melastoma* into *Medinilla*, and also described several new species (Blume, 1831, 1849). Since then, many more additional species have been published from the region, with the newest species described from the Philippine Islands (Adorador *et al.*, 2021).

Numerous broad systematic reviews and taxonomic revisions of *Medinilla* have been produced in the 19th and 20th centuries (Blume, 1831, 1849; Naudin, 1851; Miquel, 1855; Triana, 1872; Cogniaux, 1891; Bakhuizen van den Brink, 1943). Additionally, regional taxonomic studies were also published for the Malay Peninsula (Clarke, 1879; King, 1900; Ridley, 1922; Maxwell, 1978), Java (Bakhuizen van den Brink, 1964), Borneo (Regalado, 1990), the Philippines (Regalado, 1995),

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and New Guinea (Mansfeld, 1925, 1927, 1928; Bodegom & Veldkamp, 2001; Cámara-Leret *et al.* 2020). Since comprehensive taxonomic studies for Malesian *Medinilla* are out of date and some areas in the region are still understudied, an updated species annotated checklist is needed to provide the latest information about number of species from this region, clarify species nomenclature of taxa originally described from or occurring in Malesia, and ensure that extant type material is correctly associated with each name. Here, a checklist of Malesian *Medinilla* is presented, including currently accepted species and typification based on the literature and some herbarium work. This comprehensive annotated checklist is a significant contribution to our knowledge of the genus in the region and an important first step towards a full taxonomic account of Malesian *Medinilla*.

Materials and Methods

Malesia, or the Malesian region, is the phytogeographical area that lies between the Malayan Peninsula in the west and the Bismarck Archipelago in the east (van Steenis, 1950; Whitmore, 1984). The region includes areas that belong to Indonesia, Malaysia, Singapore, Brunei Darussalam, the Philippines, East Timor and Papua New Guinea (van Steenis, 1950). Malesia contains archipelagoes and large islands such as Sumatra, Borneo, Java, the Lesser Sunda Islands, Sulawesi, the Philippine, the Maluku Islands (also known as the Moluccas), and New Guinea (including the Bismarck Archipelago). The region harbours about 42,000 plant species, including *Medinilla* (Roos, 1993).

A provisional list of *Medinilla* names from Malesia was assembled from available general references (GBIF, 2022; IPNI, 2022; POWO, 2022). All protologues were subsequently checked; the type status of each name was confirmed and, if no holotype had been specified, a lectotype was selected from the original material (Art. 9.4, Turland *et al.*, 2018). Discussions on type designations are provided, with references to the original species authors. Information on taxonomic status was taken from floras, taxonomic revision and other publications on the genus (Jack, 1823; Blume, 1826, 1831, 1849; Naudin, 1851; Miquel, 1855; Clarke, 1879; Cogniaux, 1891; King, 1900; Ridley, 1922; Mansfeld, 1925, 1927; Bakhuizen van

den Brink, 1943, 1964; Maxwell, 1978; Regalado, 1990, 1995; Bodegom & Veldkamp, 2001; GBIF, 2022; POWO, 2022). The checklist entry for each name follows the standard abbreviations for authors (IPNI, 2022) and journals and books (TL2, 2022). Most of the research for this paper was carried out during the restrictions due to the Covid-19 pandemic using online resources from the following herbaria (A, B, BISH, BM, BO, BR, BRI, CAS, E, F, FI, FR, G, GH, HBG, K, L, LE, M, MEL, MICH, MO, MSC, NY, P, S, SING, UC, US, U, WU following Thiers, updated continuously) in addition to GBIF and JSTOR Global Plants (GBIF, 2022; JSTOR, 2022). All type material, either the physical specimens or digital images, have been seen, unless otherwise stated. Type localities are presented to match locality descriptions on the specimen labels rather than as given in protologues, unless specimens could not be located, in which case the details given are those that appear in protologues.

Results and Discussion

Malesian *Medinilla* species

There are 242 species and 2 varieties which are considered to be currently accepted. Of these, 238 species and 2 varieties are known to be endemic to Malesia, with 4 species also distributed in India (Nicobar Islands) and Thailand (Appendix 1). Of the 238 Malesian endemics, 82 are endemic to the Philippines, 75 to New Guinea, 32 to Borneo, 13 to Sumatra, 5 to Sulawesi, 4 to Maluku, 4 to Peninsular Malaysia and 2 to Java, while the rest (21 species) are widespread in Malesia.

Type designation for Malesian *Medinilla*

To avoid repetition in the text, major collectors and authors of Malesian *Medinilla* species are discussed in this section and the decision making regarding typification is outlined. Typification of names follow the International Code of Nomenclature for algae, fungi, and plants (Turland *et al.*, 2018). Lectotypes were selected, where appropriate, from a set of syntypes or paratypes, and neotypes were designated when no original material could be located.

William Jack, a British Botanist, proposed 18 species of *Melastoma* from his explorations in Western Malesia, including Sumatra, Peninsular

Malaysia and Singapore, where 3 of them were later transferred to *Medinilla* (Jack, 1823; Blume, 1831). Jack did not cite specimens when he described species. However, he provided information about localities. Almost all of Jack's collections and some of his manuscripts were burned in a shipwreck in 1824 (Ridley, 1917; Merrill, 1952; Hughes & Girmansyah, 2011). Following Hughes and Girmansyah (2011), it was necessary to neotypify the names when it was not possible to locate Jack's own collections.

Carl Ludwig Blume, a German-Dutch Botanist, did not cite types for his proposed *Medinilla* (or previously *Melastoma*) mostly from the Netherland Indies (now Indonesia) (Blume, 1826, 1831, 1849). All these Blume's *Medinilla* names were lectotypified from Blume's own collections in the Herbarium of Naturalis Biodiversity Center Leiden (L), with some duplicates elsewhere (Bakhuizen van den Brink, 1943). When there were no Blume collections associated with species names, the lectotype was usually chosen by Bakhuizen van den Brink from specimens collected by C.G.C. Reinwardt, H. Kuhl, J.C. van Hasselt, F.W. Junghuhn, E.A. Forsten or A. Zippel, where the types are held in the same Herbarium (L) (Bakhuizen van den Brink, 1943). Friedrich Anton Wilhelm Miquel, a Dutch Botanist, cited specimens when describing *Medinilla* species, but he did not specify a herbarium. Therefore, it was necessary to select a lectotype for names he authored (Miquel, 1855). Miquel, who worked in Utrecht, based his *Medinilla* species on the collections of J.E. Teijsmann, F.W. Junghuhn and T. Horsfield (Van Steenis-Kruseman, 1950), and all these are now stored in the herbarium of the Naturalis Biodiversity Center (under U), with some duplicates in BO and K.

Several German botanists explored northeast New Guinea (German New Guinea), an area referred to as Kaiser Wilhelmsland (Schumann & Lauterbach, 1900, 1905; Mansfeld, 1925, 1927, 1928). These explorations from collectors such as R. Schlechter, G. Bamler, C.L. Ledermann and G. Peckel resulted in several new *Medinilla* species from this region. The specimens from these expeditions are assumed to be held at the Herbarium of the Botanische Garten Berlin-Dahlem (B), where most of the authors worked, and therefore, the types were stored in B, but there was no evidence

that holotypes were formally selected. Sadly, most of these specimens were destroyed in the Second World War in Berlin, with only some duplicates existing in other herbaria. When available, these duplicates were designated as lectotypes for the names. When the type duplicates were not found at any other herbaria, and no paratype was mentioned in the protologues, it was not possible to designate a neotype since no additional specimens or other references were found.

Celestine Alfred Cogniaux, a Belgian Botanist, in his *Melastomataceae* monograph described several new *Medinilla* from Malesia (Cogniaux, 1891) based on type specimens mostly collected by the Italian naturalist O. Beccari, and a few by others (Cogniaux, 1891). Whenever a single specimen was cited with available herbarium information, this was considered the holotype. In other cases where multiple specimens were cited, they were considered syntypes (Art. 9.6 of the ICN, Turland *et al.*, 2018), and here a representative specimen, showing distinguishing characters from the syntypes, was selected as the lectotype.

Other *Medinilla* species from New Guinea were described by Edmund Gilbert Baker, a botanist working at the Natural History Museum in London (BM). His *Medinilla* species were based on specimens collected by C.B. Kloss from the Wollaston Expedition to Dutch New Guinea in 1912–1913 (Baker, 1916). Baker cited a Kloss's collections when he described a new species but did not specify a herbarium (Baker, 1916). All the type sets from this expedition are held in the herbarium of the Natural History Museum, London (BM) and considered here to be the holotypes. Similarly, some *Medinilla* described from Sumatra by Baker based on specimens collected by H.O. Forbes, have holotypes at the BM, and others stored elsewhere were considered isotypes (Baker, 1924).

Ridley (1917, 1922, 1923, 1946) usually cited localities when he described species but did not give collection numbers or herbaria. Turner (2012) observed that 'a high proportion of Ridley's taxa need lectotypification because he rarely designated types from among the various specimens he cited when publishing taxa'. Ridley did not state where the collections he studied were stored. Therefore, following Turner (2012), lectotypes were selected from specimens of the highest quality.

The Archbold Expedition to New Guinea also resulted in the description of new *Medinilla* species from the region (Merrill & Perry, 1943). The holotypes of these species were mostly collected by L.J. Brass and are held in the Herbarium of the Arnold Arboretum, Harvard University (A), and any other duplicates stored elsewhere were considered isotypes. Another New Guinea Expedition by two Japanese Botanists, R. Kanehira and S. Hatusima resulted in some *Medinilla* species described from Dutch New Guinea (Ohwi, 1943). All holotype collections are held in the Kyushu University Herbarium (FU), and any duplicates stored elsewhere were considered isotypes.

From 1905 to 1939, several botanists described a number of species of *Medinilla* for the Philippine flora (Merrill, 1905, 1906a, 1906b, 1907, 1908a, 1908b, 1909, 1910, 1912, 1913a, 1913b, 1913c, 1914, 1915, 1916, 1917a, 1919, 1921; Merrill & Merritt, 1910; Robinson, 1908, 1911a, 1911b; Elmer, 1911, 1915, 1934, 1939; Quisumbing & Merrill, 1928). Rather than designating a single specimen as the type, they referred to a collection of types and did not mention whether and how many duplicates of these had been collected. Lectotypes for these species were selected for the publication of an early revision of *Medinilla*, with most type specimens stored in the herbarium of the Smithsonian National Museum of Natural History (US) (Regalado, 1995).

Checklist

There are 242 species and 2 varieties considered to be accepted in this checklist and the names are listed alphabetically, as there is currently no effective infrageneric classification for *Medinilla*. When a specimen had not been seen, *n.v.* is stated after the specimen citation (indicating not seen). When possible, lectotypes and neotypes have been designated or neotypification based on further research is recommended. The distribution of each species is provided following associated references, and notes are given when appropriate.

1. *Medinilla aggregata* Bakh.f., Contr. Melastom. 169. 1943. *Type*: INDONESIA, **Borneo**, [East Kalimantan province], Samarinda, Sei Boengaloen [Bengalon River], 17.11.1912, *L.M.R. Rutten* 581 (holo U [U 0004062]).

Distribution: Endemic to Borneo (Regalado, 1990).

2. *Medinilla alata* Baker f., Trans. Linn. Soc. London, Bot. 9(1): 54. 1916. *Type*: INDONESIA, **New Guinea**, [Papua province, Jayawijaya Mts.], Utkwa River to Mt. Cartensz, Camp VIc, 5500 ft., *C.B. Kloss s.n.* (holo BM [BM000543861]).

Medinilla nervulosa Baker f., Trans. Linn. Soc. London, Bot. 9(1): 54. 1916, **syn. nov.** *Type*: INDONESIA, **New Guinea**, [Papua province, Jayawijaya Mts.], Utkwa River to Mt. Cartensz, Camp VII–VIII, Feb 1913, *C.B. Kloss s.n.* (holo BM [BM000543864]).

Medinilla mansfeldii Bakh.f., Contr. Melastom.: 175. 1943, **syn. nov.** *Type*: INDONESIA, **New Guinea**, [Papua province, Jayawijaya Mts.], Dromedaris Mts., 1250 m, 08.12.1912, *A.A. Pulle* 619 (holo L [L 0064059]).

Distribution: Endemic to New Guinea [Jayawijaya Mts.] (Baker, 1916; Bakhuizen van den Brink, 1943).

3. *Medinilla albida* Merr. & L.M. Perry, J. Arnold Arbor. 24: 427. 1943. *Type*: INDONESIA, **New Guinea**, [Papua province], Idenburg River [Baliem River], 6 km SW of Bernhard Camp, 1050 m, Feb 1939, *L.J. Brass* 12993 (holo A [A00072472]; iso BO [BO-1294116], BRI [BRI-AQ0023053], L [L 0064058]).

Distribution: Endemic to New Guinea (Merrill & Perry, 1943).

4. *Medinilla allantocalyx* Regalado, Blumea 35(1): 30. 1990. *Type*: MALAYSIA, **Borneo**, [Sarawak state], 2nd Div., Lubok Antu tdistrict, Bukit Sengkayang, Lanjak Entimau Protected Forest, 3000 ft, 17.03.1974, *P. Chai* S.33972 (holo L [L 0537193]; iso K [K000867143], KEP *n.v.*, MO *n.v.*, SAR *n.v.*).

Distribution: Endemic to Borneo [Sarawak] (Regalado, 1990).

5. *Medinilla alpestris* (Jack) Blume, Flora 14: 514. 1831. *Melastoma alpestre* Jack, Trans. Linn. Soc. London 14(1): 20 (1823). *Neotype* (designated here): INDONESIA, **Sumatra**, [Bengkulu province], Gunong Bungko [Mt. Bungkuk], *W. Jack s.n.* (lost), INDONESIA, **Sumatra**, [Lampung province], Gunung Tanggamus, on a peak mountain, c. 2100 m, 06.02.2016, *M. Hughes et al.* SUBOE 82 (BO [BO-1934206]; isoneo BO [BO-1934205], E [E00845128]).

Melastoma verrucosum Blume, Bijdr. Fl. Ned. Ind. 17: 1078. 1826, **syn. nov.** *Medinilla verrucosa* (Blume) Blume, Flora 14: 514. 1831. *Lectotype* (designated by Bakhuizen van den Brink, 1943: 182): INDONESIA, **Java**, [West Java province], G. Salak, Tjiapoes, *C.L. Blume s.n.* (L [L.2550229]).

Medinilla kuhlii Blume, Flora 14: 514. 1831. *Lectotype* (designated by Bakhuizen van den Brink, 1943: 184): INDONESIA, **Java**, *J.C. van Hasselt s.n.* (L [L.2538860]; isolecto L [L.2538861]).

Melastoma javanense Blume, Bijdr. Fl. Ned. Ind. 17: 1078. 1826. *Medinilla javanensis* (Blume) Blume, Flora 14: 515. 1831. *Lectotype* (designated by Bakhuizen van den Brink, 1943: 184): INDONESIA, **Java**, *C.L. Blume s.n.* (L [L.2538827], isolecto E [E00276260, E00197627]).

Medinilla septuplinervia Cogn. in A.DC. & C.DC., Monogr. Phan. 7: 576. 1891. *Type*: INDONESIA, in **Sumatra** occidentale [West Sumatra province], “Padangsche bovenlanden” sul monte Singalan [Mt. Singgalang], 1600 m, November 1878, *O. Beccari* PS 10 (holo FI [FI007957, FI007958]; *iso K* [K000867240], L [L.2550251]).

Medinilla sumatrana Baker f., J. Bot. 62, Suppl. 1: 41. 1924. *Type*: INDONESIA, **Sumatra**, Resident Palembang [South Sumatra province], Mount Dempo, 2500 m, *H.O. Forbes* 2414a (holo BM [BM000796150]; *iso L* [L.2550231]).

Medinilla verrucosa Baker f., J. Bot. 62, Suppl. 1: 41. 1924, *non* Blume (1831). *Medinilla acrochordonocarpa* Merr., Pap. Michigan Acad. Sci. 24: 84. 1939. *Type*: INDONESIA, **Sumatra**, Resident Palembang [South Sumatra province], Mount Dempo, 1550 m, 1880, *H.O. Forbes* 2292a (holo BM [BM000796150]; *iso GH* [GH00072471], L [L.2538848, L.2538849, L.2538850], *WU* [WU0045756]).

Melastoma epidendrum [*epidendra*] Reinw. ex Blume, Flora 14: 515. 1831 [*nomen*].

Distribution: Thailand, Malay Peninsula, Sumatra, Java, Lesser Sunda Islands (Renner *et al.*, 2001).

Notes: It has not been possible to locate Jack's own collection of *M. alpestris* from Sumatra in any herbaria consulted, therefore the neotype is chosen here from a locality close to the original type from BO. *Medinilla verrucosa* and *M. javanensis* are considered as synonyms of *M. alpestris* here based on morphological similarity, including all the

species that were previously synonymized under them (Bakhuizen van den Brink, 1943).

6. *Medinilla amplexens* Regalado, Blumea 35(1): 47, fig. 10. 1990. *Type*: MALAYSIA, **Borneo**, [Sabah state], Penampang district, Crocker Range, km. 51.8 on Kota Kinabalu-Tambunan Road, 1500–1600 m, 16.03.1984, *J.H. Beaman, R.S. Beaman & P. Decker* 8954 (holo MSC [MSC0092359]; *iso GH* [GH00072454], *K* [K000867273], *L* [L 0008938], *MO* [MO-313745], *NY* [NY00228806], *S* [S-G-10131], *UKMS n.v.*, *US* [US00323956]).

Distribution: Endemic to Borneo (Regalado, 1990).

7. *Medinilla amplexicaulis* Blume, Mus. Bot. 1(2): 20. 1849. *Lectotype* (designated by Bakhuizen van den Brink, 1943: 192): INDONESIA, **Sumatra**, *leg. ign. s.n.* (L [L 0537187]; *isolecto L* [L 0537186], *P* [P05260804]).

Distribution: Endemic to Sumatra (Bakhuizen van den Brink, 1943).

Notes: According to Bakhuizen van den Brink (1943), Blume is the collector of the type. However, Blume never recorded collecting plants outside Java during his stay in the Netherland Indies (now Indonesia) (van Steenis-Kruseman, 1950).

8. *Medinilla amplifolia* Merr., Publ. Bur. Sci. Gov. Lab. 29: 37. 1905. *Lectotype* (designated by Regalado, 1995: 136): PHILIPPINES **Luzon**, Cordillera [Benguet province], Sablan, April 1904, *A.D.E. Elmer* 6112; *US* [US00120535], *isolecto FR* [FR0036227], *K* [K000867224], *NY* [NY00228807]).

Distribution: Endemic to the Philippines [Luzon] (Regalado, 1995).

9. *Medinilla annulata* C.B.Rob., Philipp. J. Sci., C Bot. 6: 215. 1911. *Lectotype* (designated by Regalado, 1995: 183): PHILIPPINES, **Calabarzon**, [Quezon province], Polillo Island, San Fransisco, August 1909, *C.B. Robinson* BS 9002 (*US* [US00120536], *isolecto K* [K000867289]).

Medinilla brevipedunculata Elmer, Leaf. Philipp. Bot. 4: 1216. 1911. *Lectotype* (designated by Regalado, 1995: 183): PHILIPPINES, **Luzon**, [Quezon province], Tayabas, Lucban, Mt. Banahao, *c.* 1200 m, May 1907, *A.D.E. Elmer* 7584 (*G n.v.*, *isolecto BO* [BO-1759385]).

Medinilla longipes Merr., Philipp. J. Sci., C Bot.

10: 278. 1915. *Lectotype* (designated by Regalado, 1995: 183): PHILIPPINES, **Leyte**, [Leyte province], Buenavista, Jaro, 12.09.1914, *C.A. Wenzel* 1131 (MO *n.v.*, isolecto A [A00072553], F [V0362119F]).

Distribution: Sulawesi, the Philippines (Regalado, 1995).

10. *Medinilla annulifera* Ohwi, Bot. Mag. (Tokyo) 57: 13, fig. 1R. 1943. *Type*: INDONESIA, **New Guinea**, [West Papua province], Arfak Mts., Angi, on the ridge running up to Lake Gita, *c.* 2000 m, 05.04.1940, *R. Kanehira & S. Hatusima s.n.* (holo FU *n.v.*).

Distribution: Endemic to New Guinea [West Papua] (Ohwi, 1943).

Notes: No isotype is found in any herbarium consulted and the holotype in Kyushu University Herbarium (FU) is not accessible online.

11. *Medinilla antonii* Elmer, Leaf. Philipp. Bot. 8: 2756. 1915. *Lectotype* (designated by Regalado, 1995: 155): PHILIPPINES, **Mindanao**, Caraga [Agusan del Norte province], Cabadbaran, Mt. Urdaneta, ridge between Duros and Cawilanan, *c.* 1500 m, August 1912, *A.D.E. Elmer* 13633 (US [US00516753], isolecto A [A00072482, A00072483], BISH [BISH1003283], BO [BO-1759349], CAS [CAS0008154], K [K000867191], L [L.2542458], MO [MO-313744], NY [NY00228808], U [U 0226555]).

Distribution: Endemic to the Philippines (Regalado, 1995).

12. *Medinilla apayaensis* Merr., Philipp. J. Sci., C Bot. 12: 343. 1917. *Lectotype* (designated by Regalado, 1995: 141): PHILIPPINES, **Luzon**, Cordillera, [Apayao province], Ngagan, May 1917, *E. Fénix* BS 28142 (US [US00120538], isolecto A [A00072484], BM *n.v.*, BO [BO-1759343], CAL *n.v.*, K [K000867213], L *n.v.*, NY [NY00228825], P [P05260791]).

Distribution: Endemic to the Philippines [Luzon] (Regalado, 1995).

13. *Medinilla apoensis* C.B.Rob., Philipp. J. Sci., C Bot. 3: 207. 1908. *Lectotype* (designated by Regalado, 1995: 140): PHILIPPINES, **Mindanao**, [Davao del Sur province], Davao, Mount Apo, 1950 m, 30.03.1905, *R.S. Williams* 2569 (US [US00120539], isolecto NY [NY00228826,

NY00228827]).

Medinilla confluentinervia Elmer, Leaf. Philipp. Bot. 4: 1224. 1911. *Lectotype* (designated by Regalado, 1995: 140): PHILIPPINES, **Mindanao**, [Davao del Sur province], Davao, Todaya, Mount Apo, *c.* 2300 m, August 1909, *A.D.E. Elmer* 11469 (US [US00120558], isolecto BISH [BISH512438], BO [BO-1759380], E [E00504460], F [V00063631F], G *n.v.*, GH [GH00072536], HBG [HBG523042], K [K000867215], L [L 0008939], MO [MO-2196128], NY [NY00228833], U [U 0226523]).

Distribution: Endemic to the Philippines [Mindanao] (Regalado, 1995).

14. *Medinilla arfakensis* Baker f. in Gibbs, Fl. Arfak Mts.: 158. 1917. *Type*: INDONESIA, **New Guinea**, [West Papua province], Arfak Mts., Mt. Koebré, Anggi Lake, 2440–2745 m, December 1913, *L.S. Gibbs* 5597 (holo BM [BM000510199, BM000510200]).

Distribution: Endemic to New Guinea (Bodegom & Veldkamp, 2001).

15. *Medinilla astronioides* Triana, Trans. Linn. Soc. London 28: 88. 1872. *Type*: PHILIPPINES, **Luzon**, [Quezon province], Tayabas, 1840, *H. Cuming* 758 (holo P [P02274798]; iso BM [BM000796113], BR [BR0000005191956], G-DC [G00316251], K [K0008667203], L [L 0008942, L 0008943, L.2542453], M [M0165522], MO [MO-313741], NY [NY00228811], P [P02274799]).

Medinilla bolsteri Merr., Philipp. J. Sci., C Bot. 1, Suppl. 3: 214. 1906. *Lectotype* (designated by Regalado, 1995: 150): PHILIPPINES, **Luzon**, [Laguna province], Rizal, Bosoboso, August 1905, *Ahern's* collector FB 3262 (US [US00120547], isolecto K [K000867199], NY [NY00228821]).

Medinilla versicolor Elmer, Leaf. Philipp. Bot. 4: 1214. 1911. *Lectotype* (designated by Regalado, 1995: 150): PHILIPPINES, **Mindanao**, [Davao del Sur province], Todaya, Mount Apo, *c.* 1800 m, 15.09.1909, *A.D.E. Elmer* 11824 (US [US00120634]; isolecto BISH [BISH1003317], BO [BO-1414212], CAS [CAS0007328], E [E00504450], F [V0063657F], GH [GH00072572], K [K000867201], L [L 0008941], MO [MO-313802], NY [NY00228897], U [U 0226528]).

Medinilla acuminata Merr., Philipp. J. Sci., C Bot. 8: 238. 1913. *Lectotype* (designated by Regalado,

1995: 150): PHILIPPINES, **Mindoro**, Mimaropa [Oriental Mindoro province], Mount Halcon, 1800 m, 18.11.1906, *E.D. Merrill* 5667 (US [US00120534], isolecto G [G00353700]).

Medinilla negrito Elmer, *Leafl. Philipp. Bot.* 9: 3203. 1934. *Lectotype* (designated by Regalado, 1995: 150): PHILIPPINES, **Luzon**, [Pampanga province], Mount Pinatubo, Camp Stotsenburg, 01.05.1927, *A.D.E. Elmer* 22374 (GH [GH00072559]; isolecto A [A00072560], B [B_10_0294212], BO [BO-1294117], C [C10014667], K [K000867200], L [L 0008940], LE [LE00015451], MICH [MICH1111815], MO [MO-313722], NY [NY00228869], UC *n.v.*).

Distribution: Endemic to the Philippines (Regalado, 1995).

16. *Medinilla atroviridis* Regalado, *Blumea* 35: 25. 1990. *Type*: MALAYSIA, **Borneo**, [Sarawak state], fig. 2., 3rd Div., Kapit district, Balleh River, foothills of Bt. Batu Tibang, 3100 ft., 05.07.1969, *J.A.R. Anderson* S.28398 (holo K [K000867146]; iso A [A00072455], L [L 0484342], SING [SING0045549]).

Distribution: Endemic to Borneo (Regalado, 1990).

17. *Medinilla aurantiflora* Elmer, *Leafl. Philipp. Bot.* 4: 1208. 1911. *Lectotype* (designated by Regalado, 1995: 153): PHILIPPINES, **Negros**, [Negros Oriental province], Dumaguete, Cuernos Mts., *c.* 1200 m, April 1908, *A.D.E. Elmer* 9934 (US [US00120541]; isolecto A [A00003541], BISH [BISH1003285], BO [BO-1759383], F [V0063622F], GH [GH00003542], HBG [HBG523049], K [K000867193], L [L.2542417], MO [MO-2196130], NY [NY00228813], U [U 0226521]).

Medinilla cauliflora Merr., *Philipp. J. Sci., C Bot.* 5: 207. 1910, *non* Hemsley (1895). *Medinilla trunciflora* Merr., *Philipp. J. Sci., C Bot.* 8: 247. 1913. *Lectotype* (designated by Regalado, 1995: 153): PHILIPPINES, **Negros**, [Negros Oriental province], Mount Canlaon, 1200 m, September 1909, *H.M. Curran* FB 17397 (US [US00120554]).

Medinilla confertiflora Merr., *Philipp. J. Sci.* 17: 296. 1920. *Lectotype* (designated by Regalado, 1995: 153): PHILIPPINES: **Panay**, [Capiz province], Libacao, May 1919, *A. Martelino & G.E. Edaña* BS 35413 (US [US00120557], designated by

Regalado (1995: 153); isolecto A [A00003545], K [K000867194]).

Distribution: Endemic to the Philippines (Regalado, 1995).

18. *Medinilla auriculata* Lauterb., *Nachtr. Fl. Schutzgeb. Südsee*: 328. 1905. *Lectotype* (designated here): PAPUA NEW GUINEA, **New Guinea**, [Sandaun province], Torricelli Mts., 1100 m, April 1902, *FR.R. Schlechter* 14454 (BO [BO-1759382]; isolecto K [K000867278]).

Medinilla dallmannensis Kaneh. & Hatus. ex Ohwi, *Bot. Mag (Tokyo)* 57: 11. 1943, *syn. nov.* *Type*: INDONESIA, **New Guinea**, [Papua province], 45 km inward of Nabire, Dallmann, 400 m, 01.03.1940, *R. Kanehira & S. Hatusima* 12107 (holo FU *n.v.*; iso A [A00064193], BO [BO-1769430]).

Distribution: Endemic to New Guinea (Bakhuizen van den Brink, 1943; Ohwi, 1943).

Notes: The original type for *M. auriculata*, stored in the herbarium of the Botanische Garten Berlin-Dahlem (B), was destroyed during the Second World War. Therefore a lectotype is chosen here from the Herbarium Bogoriense (BO). *Medinilla dallmannensis* is here considered as a synonym of *M. auriculata*.

19. *Medinilla bakeriana* Mansf., *Bot. Jahrb. Syst.* 60: 122. 1925. *Type*: PAPUA NEW GUINEA, [East Sepik province], Hunstein Range, 1350 m, 22.08.1912, *C.L. Ledermann* 8507 (not found).

Distribution: Endemic to New Guinea (Mansfeld, 1925).

Notes: The original type for *M. bakeriana* is no longer available from the herbarium of the Botanische Garten Berlin (B) because it was destroyed during the Second World War and a duplicate was not found at any other of the herbaria consulted. On the other hand, there is no other associated specimen that can be designated as a neotype.

20. *Medinilla banahaensis* Elmer, *Leafl. Philipp. Bot.* 4: 1225. 1911. *Lectotype* (designated by Regalado, 1995: 134): PHILIPPINES, **Mindanao**, [Davao del Sur province], Davao, Todaya, Mount Apo, *c.* 2300 m, August 1909, *A.D.E. Elmer* 11466a (US [US00120544], isolecto BISH [BISH1003288], BO [BO-1759369], CAL *n.v.*, CAS [CAS0008156], F [V0093022F], G *n.v.*, GH [GH00072490], HBG

[HBG523047], K [K000867226], L [L.2542398], MO [MO-313737], NY [NY00228817], U [U 0226524]).

Distribution: Endemic to the Philippines (Regalado, 1995).

21. *Medinilla beamanii* Regalado, *Blumea* 35(1): 29, fig. 4. 1990. *Type:* MALAYSIA, **Borneo**, [Sabah state], Tambunan district, Crocker Range crest at km 55 on Kota Kinabalu-Tambunan road, 1700–1800 m, 04.09.1983, *J.H. Beaman et al.* 6901 (holo MSC [MSC0050884]; iso GH [GH00072456], K [K000867144], L [L 0008945], NY [NY00228818], S [S-G-10132], UKMS *n.v.*).

Distribution: Endemic to Borneo [Sabah] (Regalado, 1990).

22. *Medinilla beccariana* Cogn. in A.D.C. & C.D.C., *Monogr. Phan.* 7: 600. 1891. *Lectotype* (designated here): INDONESIA, **Borneo**, [West Kalimantan province], di Pontianak, Danau Lamadjian, *O. Beccari* PB 3439 (FI [FI007934]; isolecto FI [FI007935]).

Distribution: Endemic to Borneo (Cogniaux, 1891).

Notes: Regalado (1990) excluded this species from *Medinilla* and transferred it to *P. beccariana* (Cogn.) Merr. The correct basionym for *Plethiandra beccariana* is actually *Medinillopsis beccariana* Cogn., not *Medinilla beccariana* (Kadereit, 2005). *Beccari* PB 3439 from the herbarium of Florence University (FI) is here chosen as the lectotype. Cogniaux (1891) erroneously cited the type locality in Sarawak. However, based on the specimen label the locality is actually around Pontianak in the West Kalimantan province, Indonesia.

23. *Medinilla benguetensis* Elmer, *Leafl. Philipp. Bot.* 4: 1207. 1911. *Lectotype* (designated by Regalado, 1995: 167): PHILIPPINES, **Luzon**, Cordillera [Benguet province], Baguio, Mt. Santo Tomas, 1800 m, 01.03.1907, *A.D.E. Elmer* 8435 (lecto US [US00120545]; isolecto A [A00072491], BISH [BISH1003287], BM *n.v.*, BO [BO-1759399], CAS [CAS0008157], F [V0093023F], G [G00353701, G00353702, G00353703], HBG [HBG523046], K [K000867320], L [L.2542375], MO [MO-313736], NY [NY00228819], U [U 0226520]).

Distribution: Endemic to the Philippines [Luzon] (Regalado, 1995).

24. *Medinilla bicolor* Merr., *Philipp. J. Sci., C Bot.* 3: 152. 1908. *Type:* PHILIPPINES, **Mindanao**, [Lanao del Sur province], Lake Lanao, Camp Keithley, April 1906, *M.S. Clemens* 514 (syntype, not found); *Ibid.*, January 1907, *M.S. Clemens* 885 (syntype, not found).

Distribution: Endemic to the Philippines [Mindanao] (Regalado, 1995).

Notes: Types of this species cannot be found in any herbaria consulted, and no other collections were cited. Regalado (1995) excluded *M. bicolor* from the Philippines.

25. *Medinilla binaria* Elmer, *Leafl. Philipp. Bot.* 4: 1211. 1911. *Lectotype* (designated by Regalado, 1995: 135): PHILIPPINES, **Negros**, [Negros Oriental province], Cumaguete, Cuernos Mts., *c.* 2300 m, April 1908, *A.D.E. Elmer* 9736 (US [US00120546]; isolecto A [A00003544], BISH [BISH1003289], BO [BO-1759390], F [V0063626F], GH [GH00003543], HBG [HBG523045], K [K000867225], L [L 0484343], MO [MO-313735], NY [NY00228820], U [U 0226545]).

Distribution: Endemic to the Philippines (Regalado, 1995).

26. *Medinilla bismarck-ramuensis* W.N. Takeuchi, *Sida* 18(4): 1071, fig. 1. 1999. *Type:* PAPUA NEW GUINEA, **New Guinea**, [Western Highlands province], Bismarck Range, Mt. Oibo, ridgeline near Camp 1, 2357 m, 04.10.1995, *W.N. Takeuchi* 10408 (holo LAE *n.v.*; iso A [A00100930, A00100931], K [K000867471, K000867472], L [L 0821472]).

Distribution: Endemic to New Guinea (Takeuchi, 1999).

Notes: Further investigation is needed to clarify the relationship among *M. bismarck-ramuensis* and its close relatives such as *M. markgrafii* Merr. & L.M. Perry and *M. multibracteata* Bodegom. Bodegom and Veldkamp (2001) confirmed that the holotype (*Takeuchi* 10408) resembled *M. multibracteata*, while the paratype (*Craven & Schodde* 1157) represented *M. markgrafii* var. *markgrafii*.

27. *Medinilla boemiensis* Kaneh. & Hatus. ex Ohwi, *Bot. Mag. (Tokyo)* 57: 9. 1943. *Type:* INDONESIA, **New Guinea**, [Papua province], Geelvink Bay, 40 km inward Nabire, Boemi, 300 m, 10.03.1940, *R. Kanehira & S. Hatusima* 12728

(holo FU *n.v.*; iso A [A00064197], BO [BO-1759514]).

Distribution: Endemic to New Guinea (Ohwi, 1943).

28. *Medinilla botryocarpa* Regalado, *Blumea* 35: 33, fig. 5. 1990. *Type*: MALAYSIA, **Borneo**, (Sarawak state), 5th Division, Ulu Lawas, Kenaya Forest Reserve, 800 ft, 27.10.1971, *P.Chai & Ilias Paie* S.31519 (holo K [K000867132]; iso L [L.2542377], SAN *n.v.*, SAR *n.v.*, SING [SING0045552]).

Distribution: Endemic to Borneo (Regalado, 1990).

29. *Medinilla bracteata* Blume, *Flora* 14: 519. 1831. *Axinaea bracteata* Zipp. ex Blume, *Flora* 14: 519. 1831. [*nomen*]. *Dactyliota bracteata* (Blume) Blume, *Mus. Bot.* 1(2): 22 1849. *Hypenanthe bracteatum* (Blume) Bakh.f., *Contr. Melastom.* 237. 1943. *Lectotype* (designated by Bakhuizen van den Brink, 1943: 238); INDONESIA, **Maluku**, [Maluku province], *A. Zippel s.n.* (L [L.2534559]; isolecto E [E00276241]).

Distribution: Maluku, New Guinea (Bakhuizen van den Brink, 1943).

Note: Bakhuizen van den Brink (1943) stated that the type (*Zippel s.n.*) in L was collected from New Guinea. In fact, based on the type in E and the protologue, the type was collected in the Moluccas (Maluku Islands) (Blume, 1831).

30. *Medinilla brassii* Markgr., *Brittonia* 2: 142. 1936. *Type*: PAPUA NEW GUINEA, **New Guinea**, [Madang province], Kani Gebirges, 1000 m, 24.12.1907, *FR.R. Schlechter* 17037 (holo B *n.v.*; iso A [A00072473], K [K000867470], L [L 0699628], NY [NY00228822]).

Distribution: Endemic to New Guinea (Bodegom & Veldkamp, 2001).

31. *Medinilla berastagiensis* Karton., *nom. nov.* *Medinilla micrantha* Ridl., *J. Malay. Branch Roy. Asiat. Soc.* 1: 61. 1923, *non* Jum. & H.Perrier (1913). *Lectotype* (designated here): INDONESIA, **Sumatra**, [North Sumatra province], Berastagi, February 1921, *H.N. Ridley s.n.* (K [K000867266], designated here).

Distribution: Endemic to Sumatra (Ridley, 1923).

Note: Ridley (1923) did not mention which specimen he used for the type of *Medinilla micrantha*. The

specimen at K collected by Ridley from Berastagi, North Sumatra, with his original handwriting of *M. micrantha* is chosen here as the lectotype. Since the name was a homonym of *M. micrantha* Jum. & H.Perrier (Jumelle & Perrier de la Bâthie, 1913), a new name *M. berastagiensis* is proposed here.

32. *Medinilla brevipes* Merr., *Philipp. J. Sci., C Bot.* 8: 241. 1913. *Neotype* (designated by Regalado, 1995: 147): PHILIPPINES, **Luzon**, Calabarzon, [Tayabas province], Mt. Binuang, May 1917, *M. Ramos & G.E. Edaño* BS 28833 (US [US02928007]; isoneo K [K000867208]).

Distribution: Endemic to the Philippines (Regalado, 1995).

33. *Medinilla buennemeyeri* Bakh.f., *Contr. Melastom.* 192. 1943. *Type*: INDONESIA, **Sumatra**, [West Sumatra province], Padang Bovenlanden, Gunung Talang, Laras Talang, 1300 m, 13.11.1918, *H.A.B. Bünnemeijer* 5662 (holo L [L 0537183]; iso BO [BO-1752055, BO-1752056, BO-1752057]).

Distribution: Endemic to Sumatra (Bakhuizen van den Brink, 1943).

34. *Medinilla calcicola* Merr., *Philipp. J. Sci., C Bot.* 8: 244. 1913. *Lectotype* (designated by Regalado, 1995: 175) PHILIPPINES, **Luzon**, [Cagayan province], Cagayan Valley, Abulug River, 45 m, 29.01.1912, *C.M. Weber* 1574 (US [US00120550]; isolecto CAS [CAS0008159], CM [CM266909], E [E00504465], F [V0063629F], GH [GH00072533], K [K000867301]).

Distribution: Endemic to the Philippines [Luzon] (Regalado, 1995).

35. *Medinilla calelanensis* Elmer, *Leafl. Philipp. Bot.* 4: 1209. 1911. *Lectotype* (designated by Regalado, 1995: 129): PHILIPPINES, **Mindanao**, [Davao del Sur province], Davao, Todaya, Mt. Apo, ravines along the Ceriban Creek, c. 2500 m, August 1909, *A.D.E. Elmer* 11406 (US [US00120551]; isolecto A [A00072534], BISH [BISH512944], BO [BO-1765712], CAS [CAS0008160], F [V0063630F], K [K000867231], L [L.2542325], MO [MO-313733], NY [NY00228828], U [U 0226522]).

Distribution: Endemic to the Philippines [Mindanao] (Regalado, 1995).

36. *Medinilla capitata* Merr., *Philipp. J. Sci.* 17:

295. 1920. *Lectotype* (designated by Regalado, 1995: 174): PHILIPPINES, **Caraga**, [Dinagat province], Dinagat Island, May 1919, *M. Ramos* & *J. Pascasio* BS 35179 (US [US00120553], isolecto A [A00072535], BO [BO-1865989], K [K000867305], L [L.2542301], UC *n.v.*).

Distribution: Endemic to the Philippines [Dinagat] (Regalado, 1995).

37. *Medinilla celebica* Blume, Mus. Bot. 1(2): 18. 1849. *Lectotype* (designated by Bakhuizen van den Brink, 1943: 186): INDONESIA, **Sulawesi**, [North Sulawesi province], Minahassa, boschen rand Tondano, *E.A. Forsten s.n.* (16) (L [L 0931224]).

Distribution: Endemic to Sulawesi (Bakhuizen van den Brink, 1943).

38. *Medinilla cephalophora* Merr., Philipp. J. Sci., C Bot. 3: 250. 1908. *Lectotype* (designated by Regalado, 1995: 151): PHILIPPINES, **Mindanao**, [Surigao del Norte province], Surigao, Biga Creek, *F.H. Bolster* 290 (UC *n.v.*).

Distribution: Endemic to the Philippines (Regalado, 1995).

39. *Medinilla ceramensis* Bakh.f., Contr. Melastom. 173. 1943. *Type*: INDONESIA, **Maluku**, [Maluku province], Ceram, G. Murkele, 1000–1900 m, 30.06.1917, *Kornassi* 1462 (holo L [L 0614227]; iso BO [BO-1763206]).

Distribution: Endemic to Maluku [Ceram] (Bakhuizen van den Brink, 1943).

40. *Medinilla clarkei* King, J. Asiat. Soc. Bengal, Pt. 2, Nat. Hist. 69(1): 63. 1900. *Lectotype* (designated here): MALAYSIA, **Peninsular Malaysia**, [Perak state], *B. Scortechini* 243 (E [E00276204]; isolecto GH [GH00072457], L [L 0008953], SING [SING0045556]).

Medinilla pahangensis Ridl., J. Linn. Soc. 38: 310. 1908. *Lectotype* (designated here): MALAYSIA, **Peninsular Malaysia**, [Pahang state], Gunong Tahan, *L. Wray* & *H.C. Robinson* 5396 (BM [BM000796105]; isolecto K [K000867092], SING [SING0045559]).

Distribution: Malay Peninsula, Sumatra (Maxwell, 1978).

Notes: Maxwell (1978) stated that *M. perakensis* King was a synonym of *M. clarkei* based on the

morphological similarity of pustulate stems, whorled leaves and axillary inflorescences. However, both species are actually significantly different. *Medinilla clarkei* differs from *M. perakensis* by having scattered pustulate stems (*vs.* dense pustulate stems), small obovate leaves [3–9.5 × 1–5 cm] with triplinerve venation (*vs.* large ovate leaves [11–15 × 6.5–9 cm] with 5–7-plinerve venation), smaller cyme [2–6 cm long] with glabrous axes (*vs.* larger cyme [up to 7 cm long] densely red brown furfuraceous). Therefore, *M. perakensis* is considered here as a separate species from *M. clarkei*. *Medinilla crassiramea* M.R.Hend. was considered a variety of *M. clarkei* (Maxwell, 1978), but it is here excluded because of its close resemblance to *M. perakensis*.

41. *Medinilla clathrata* Bodegom, Blumea 46(3): 542, fig. 2. 2001. *Type*: PAPUA NEW GUINEA, **New Guinea**, [West Sepik province], junction of Bielga and Mogofogola rivers, on tracks between Busilmin and Tel Basin, 1900 m, 22.04.1975, *W.R. Barker* & *J. Wiakabu* LAE 67576 (holo LAE *n.v.*; iso L [L 0699627], LTB *n.v.*).

Distribution: Endemic to New Guinea (Bodegom & Veldkamp, 2001).

42. *Medinilla clemensiana* Regalado, Blumea 35 (1): 25, fig. 3. 1990. *Type*: MALAYSIA, **Borneo**, [Sabah state], Mt. Kinabalu, Penataran Basin, 3000 ft, 28.07.1933, *J. Clemens* & *M.S. Clemens* 34232 (holo BM [BM000796488]; iso A [A00072459], BO [BO-1294118], HBG [HBG523476], NY [NY00228829]).

Distribution: Endemic to Borneo [Mt. Kinabalu] (Regalado, 1990).

43. *Medinilla clementis* Merr., Philipp. J. Sci., C Bot. 5: 208. 1910. *Neotype* (designated by Regalado, 1995: 145): PHILIPPINES, **Mindanao**, [Bukidnon province], Mt. Katanglad [Kitanglad], S slope under Kaguiba, 1800 m, 19.02.1949, *M.D. Sulit* PNH 9892 (PNH *n.v.*; isoneo A *n.v.*, L [L.2542568]).

Medinilla cordatifolia Elmer, Leaf. Philipp. Bot. 4: 1226. 1911. *Lectotype* (designated by Regalado, 1995: 145): PHILIPPINES, **Mindanao**, [Davao del Sur province], Davao, Todaya, Mt. Apo, S of Baruring River, *c.* 1600 m, June 1909, *A.D.E. Elmer* 10890a (US [US00120562]; isolecto A [A00072538], BISH [BISH512945], BO [BO-

1415604], E [E00504463], F [V0063632F], G *n.v.*, GH [GH00072537], HBG [HBG523058], L [L 00089846], MO [MO-313732], NY *n.v.*, U [U 0226551]).

Medinilla polisensis Merr., Philipp. J. Sci., C Bot. 12: 349. 1917. *Lectotype* (designated by Regalado, 1995: 145): PHILIPPINES, **Luzon**, Cordillera [Ifugao province], Mt. Polis, *R.C. MacGregor* BS 19870 (US [00120615]).

Distribution: Endemic to the Philippines (Regalado, 1995), pending evaluation of new records.

44. *Medinilla compressicaulis* Merr., Philipp. J. Sci., C Bot. 8: 238. 1913. *Lectotype* (designated by Regalado, 1995: 137): PHILIPPINES, **Luzon**, Cordillera [Benguet province], *c.* 35 km N of Bagoio, May 1907, *E.D. Merrill* 7687 (US [US00120556]; isolecto K [K000867223]).

Distribution: Endemic to the Philippines [Luzon] (Regalado, 1995).

45. *Medinilla congesta* Merr., Philipp. J. Sci., C Bot. 3: 251. 1908. *Lectotype* (designated by Regalado, 1995: 185): PHILIPPINES, **Mindoro**, [Occidental Mindoro province], Mt. Sablayan, Feb–Apr 1908, *M.L. Merritt* FB 9760 (US [US00120560]).

Distribution: Endemic to the Philippines (Regalado, 1995).

46. *Medinilla copelandii* Merr., Publ. Bur. Sci. Gov. Lab. 35: 52. 1906. *Neotype* (designated here): PHILIPPINES, **Mindanao**, Zamboanga, San Ramon, *E.B. Copeland s.n.* (not found); PHILIPPINES, Mindanao, [Davao del Sur province], Davao, Mt. Apo, October 1904, *E.B. Copeland* 6 (US [US02928071]).

Medinilla pumilis Elmer, Leaf. Philipp. Bot. 4: 1217. 1911. *Lectotype* (designated here): PHILIPPINES, **Mindanao**, [Davao del Sur province], Davao, Todaya, Mt. Apo, *c.* 1700 m, 15.05.1909, *A.D.E. Elmer* 10533 (E [E00504449]; isolecto BISH [BISH512455], BM *n.v.*, BO [BO-1759536], F [V0093024F], HBG [HBG523059], L [L.2534959], MO [MO-313923], NY [NY00228881], US [US00120616]).

Distribution: Endemic to the Philippines [Mindanao] (Regalado, 1995).

Notes: A new type for *M. copelandii* (Copeland 6) from a different location on the same island is

chosen here due to the original type collection not being found in any of the herbaria consulted.

47. *Medinilla corallina* Cogn. in A.D.C. & C.D.C., Monogr. Phan. 7: 599. 1891. *Type*: MALAYSIA, **Borneo**, [Sarawak state], Marop, March 1867, *O. Beccari* PB 3145 (holo FI [FI007936]; iso BR [BR0000005191987]).

Medinilla dajakorum O.Schwartz, Mitt. Inst. Allg. Bot. Hamburg 7: 254. 1931. *Type*: INDONESIA, **Borneo**, [West Kalimantan province], Sungei Bika, 50 m, 05.01.1925, *J.K.A. Winkler* 1424 (holo HBG [HBG522784]).

Distribution: Endemic to Borneo (Regalado, 1990).

48. *Medinilla cordata* Merr., Publ. Bur. Sci. Gov. Lab. 29: 37. 1905. *Lectotype* (designated by Regalado, 1995: 137): PHILIPPINES, **Luzon**, Cordillera [Benguet province], Mt. Santo Tomas, March 1904, *A.D.E. Elmer* 5805 (US [US00120561]; isolecto K [K000867285], NY [NY00228834]).

Medinilla macgregorii Merr., Philipp. J. Sci., C Bot. 12: 346. 1917. *Lectotype* (designated by Regalado, 1995: 186): PHILIPPINES, **Luzon**, [Ifugao province], Mt. Polis, February 1913, *R.C. Macgregor* BS 19863 (US [US00120589]; isolecto L [L 0008948]).

Distribution: Endemic to the Philippines (Regalado, 1995).

49. *Medinilla coriacea* Merr., Publ. Bur. Sci. Gov. Lab. 29: 35. 1905. *Lectotype* (designated by Regalado, 1995: 166): PHILIPPINES, **Luzon**, [Bataan province], Mt. Mariveles, 1000 m, May 1904, *H.N. Whitford* 228 (US [US00120563], isolecto F [V0362121F], K [K000867325], NY [NY00228835]).

Medinilla rotundifolia Elmer, Leaf. Philipp. Bot. 8: 2757. 1915. *Lectotype* (designated by Regalado, 1995: 186): PHILIPPINES, **Mindanao**, [Agusan del Norte province], Cabadbaran, Mt. Urdaneta, ridge between Duros and Cawilanan peaks, *c.* 1500 m, September 1912, *A.D.E. Elmer* 13738 (US [US00120622]; isolecto BISH [BISH512952], BO [BO-1765846], CAS [CAS0007325], E [E00504456], F [V0063652F], GH [GH00072568], HBG [HBG523081], L [L 0008949], MICH *n.v.*, MO [MO-313804], NY [NY00228887], U [U 0226529]).

Medinilla wenzelii Merr., Philipp. J. Sci., C Bot. 10: 281. 1915. *Lectotype* (designated by Regalado, 1995: 166): PHILIPPINES, **Leyte**, [Leyte province], Buenavista, near Jaro, 05.07.1914, *C.A. Wenzel* 941 (MO [MO-3085793]; isolecto A [A00072574], BM *n.v.*, F [V0063659F], GH [GH00072575]).

Distribution: Endemic to the Philippines (Regalado, 1995).

50. *Medinilla corneri* Regalado, *Blumea* 35(1): 27. 1990. *Type*: MALAYSIA, **Borneo**, [sabah state], Ranau district, Mt. Kinabalu, eastern shoulder, 4000 ft, 07.08.1961, *W.L. Chew, E.J.H. Corner & A. Stainton* RSNB 279 (holo K [K000867145]; iso L [L 0537180], SING [SING0045560]).

Distribution: Endemic to Borneo [Mt. Kinabalu] (Regalado, 1990).

51. *Medinilla coronata* Regalado, *Blumea* 40: 149. 1995. *Carionia elegans* Naudin, *Ann. Sci. Nat., Bot. sér.* 3, 15: 312. 1851. *Type*: PHILIPPINES, **Luzon**, Cordillera, Manille [Manila], Mont. Igorrotes, 1840, *J.M.M. Callery* 18 (holo P [P02274800]).

Distribution: Endemic to the Philippines [Luzon] (Regalado, 1995).

52. *Medinilla crassata* Elmer, *Leafl. Philipp. Bot.* 4: 1208. 1911. *Lectotype* (designated by Regalado, 1995: 163): PHILIPPINES, **Luzon**, [Tayabas province], Lucban, Mt. Banahao, *c.* 800 m, May 1907, *A.D.E. Elmer* 9311 (L [L.2542513]; isolecto BO [BO-1763262], E [E00504461], F [V0362116F], HBG [HBG523057], NY [NY00228836]).

Medinilla gracilipes Merr., Philipp. J. Sci., C Bot. 8: 236. 1913. *Lectotype* (designated by Regalado, 1995: 163): PHILIPPINES, **Luzon**, [Rizal province], Angilog, March 1906, *A. Loher* 6275 (M *n.v.*; isolecto K [K000867330]).

Distribution: Endemic to the Philippines [Luzon] (Regalado, 1995).

53. *Medinilla crassinervia* Blume, *Flora* 14: 510. 1831. *Lectotype* (designated by Bakhuizen van den Brink, 1943: 159): INDONESIA, **Maluku**, [Maluku province], Banda, G. Bandaë, *C.G.C. Reinwardt s.n.* [1383] (L [L 0063345]; isolecto L [L 0063346]).

Medinilla macrocarpa Blume, *Flora* 14: 510. 1831. *Lectotype*: (designated by Bakhuizen van den Brink,

1943: 159): INDONESIA, **Maluku**, [Maluku province], Amboina, *A. Zippel s.n.* (L [L.2545163]; isolecto E [E00197630]).

Melastoma nodosum Zipp. ex Blume, *Flora* 14: 510. 1831 [*nomen*].

Distribution: Sulawesi, Maluku, New Guinea (Bakhuizen van den Brink, 1943).

54. *Medinilla crassiuscula* Ohwi, *Bot. Mag.* (Tokyo) 57: 8. 1943. *Type*: INDONESIA, **New Guinea**, [Papua province], Nabire, Patema, 300 m, 05.03.1940, *R. Kanehira & S. Hatusima* 12353 (holo FU *n.v.*).

Distribution: Endemic to New Guinea (Ohwi, 1943).

Notes: There was no isotype found in any herbarium consulted and the holotype in the Kyushu University Herbarium (FU) is not accessible online.

55. *Medinilla crispata* (L.) Blume, *Flora* 14: 517. 1831. *Melastoma crispatum* L., *Sp. Pl.*, ed. 2, 1: 560. 1762. *Type*: INDONESIA, **Maluku**, [Maluku province], Amboina, *Funis muraenarum mas*, *Rumphius Herbarium Amboinense* vol. 5, tab. 35, fig. 1.

Distribution: Sulawesi, Maluku (Bakhuizen van den Brink, 1943).

Notes: Rumphius (1747) described *Funis muraenarum* based on two collections representing a male (fig. 1) and a female (fig. 2) specimen. *Funis muraenarum mas* (male) was confirmed as *M. crispata*, while the female (*Funis muraenarum femina*) was identified as *M. macrocarpa* (now *M. crassinervia*) (Blume, 1831; Merrill, 1917b).

56. *Medinilla cuernosensis* Elmer, *Leafl. Philipp. Bot.* 4: 1221. 1911. *Lectotype* (designated by Regalado, 1995: 176): PHILIPPINES, **Negros**, Central Visayas [Negros Oriental province], Dumaguete, Cuernos Mts., *c.* 1700 m, June 1908, *A.D.E. Elmer* 10227 (US [US00120564]; isolecto A [A00072539], BISH [BISH512439], BO [BO-1757043], CAS [CAS0008161], E [E00504462], F [V0063633F], HBG [HBG523067], K [K000867300], L [L 0484345], MO [MO-313731], NY [NY00228837], U [U 0226546]).

Medinilla oligantha Merr., Philipp. J. Sci., C Bot. 10: 280. 1915. *Lectotype* (designated by Regalado, 1995: 176): PHILIPPINES, **Leyte**, [Leyte province],

Masaganap, Jaro, 27.09.1914, *C.A. Wenzel* 1145 (A [A00072563]; isolecto F [V0362117F, V0362118F]).

Distribution: Endemic to the Philippines (Regalado, 1995).

57. *Medinilla cummingii* Naudin, *Ann. Sci. Nat., Bot. Sér.* 3, 15: 292. 1851. *Type*: PHILIPPINES, Luzon, [Albay province], *H. Cuming* 836 (holo P [P02274797]; iso BR [BR0000005192311], E [E00276234], K [K000867232, K000867233], L [L 0008955]).

Medinilla vanoverberghii Merr., *Philipp. J. Sci., C Bot.* 7: 94. 1912. *Lectotype* (designated by Regalado, 1995: 127): PHILIPPINES, Luzon, [Mountain province], Bontoc, Bauco, *M. Vanoverbergh* 448 (G [G00353705]; isolecto F *n.v.*).

Medinilla peninsula Elmer, *Leafl. Philipp. Bot.* 10: 3667. 1939. *nom. inval.*

Distribution: Endemic to the Philippines [Luzon] (Regalado, 1995).

Notes: Occasionally, this name is incorrectly spelled as *M. cumingii* by several authors (Triana, 1872; Cogniaux, 1891; Regalado, 1995).

58. *Medinilla curranii* Merr., *Philipp. J. Sci., C Bot.* 4: 302. 1909. *Lectotype* (designated by Regalado, 1995: 160): PHILIPPINES, Luzon, Bicol, [Camarines sur province], Caramoan, June 1908, *H.M. Curran* FB 12289 (US [US00120565]).

Distribution: Endemic to the Philippines [Luzon] (Regalado, 1995).

59. *Medinilla curtisii* Hook.f., *Gard. Chron., n.s.*, 20: 621, f. 108. 1883. *Type*: INDONESIA, Sumatra, [West Sumatra province], *C. Curtis s.n.* (holo K [K000867267]).

Distribution: Endemic to Sumatra (Bakhuizen van den Brink, 1943).

Notes: Maxwell (1978) stated that the distribution of this species extended to southern Thailand. However, collections from southern Thailand represent *M. elliptica* Craib, a different species with much more compact inflorescences, and therefore, the distribution of *M. curtisii* is restricted to West Sumatra. The correct author for this species is J.D. Hooker who described it from the living collection provided by Messrs. Veitch Nursery and originally

collected by C. Curtis from Western Sumatra (Hooker, 1883; Cogniaux, 1891; Bakhuizen van den Brink, 1943).

60. *Medinilla dallciana* Fernando & Balete, *Philipp. J. Sci., C* 142 (special Issue): 89, pl. 1, 2, 3, 2013. *Type*: PHILIPPINES, Luzon, [Camarines Sur province], Municipality of Lagonoy, Saddle Peak, 950 m, 29.02.2008, *D.S. Balete, J. Sarmiento & R. Buenviaje* 06–09 (holo CAHUP *n.v.*; iso K *n.v.*, PNH *n.v.*).

Distribution: Endemic to the Philippines [Luzon] (Fernando & Balete, 2013).

61. *Medinilla danumensis* Regalado, *Blumea* 35: 27. 1990. *Type*: MALAYSIA, Borneo, [Sabah state], Lahad Datu district, Sg. Segama, below Kuala Beatrice, 900 ft, 17.08.1976, *P.F. Cockburn* SAN 84910 (holo L [L 0484346]; iso K [K000610790], SAN *n.v.*).

Distribution: Endemic to Borneo [Sabah] (Regalado, 1990).

62. *Medinilla dentata* Veldkamp, *Blumea* 24(2): 448. 1979. *Type*: PAPUA NEW GUINEA, New Guinea, [West Sepik province], Lumi subdistrict, Mt. Somoro (Torricelli Mts.), 4500 ft, 01.09.1961, *P.J. Darbyshire* 341 (holo L [L 0931225]; iso A [A00064201], CANB *n.v.*, LAE *n.v.*).

Medinilla myrtiformis var. *papuana* Baker f., *Trans. Linn. Soc. London, Bot.* 9(1): 52, pl. 2, fig. 28–33. 1916. *Medinilla monantha* var. *papuana* (Baker f.) Mansf., *Bot. Jahrb. Syst.* 60: 122. 1925. *Type*: INDONESIA, New Guinea, [Papua province, Jayawijaya Mts.], Utaqua River to Mt. Cartensz, Camp 6b, January 1913, *C.B. Kloss s.n.* (holo BM [BM000796103]).

Medinilla monantha var. *subuninervis* Mansf., *Bot. Jahrb. Syst.* 60: 123. 1925. *Lectotype* (designated by Veldkamp, 1979: 448): PAPUA NEW GUINEA, New Guinea, [West Sepik province], Sepigebiet, Felsspitze, 1400–1500 m, 11.08.1913, *C.L. Ledermann* 12807 (B[†]; isolecto L [L 0484347]).

Distribution: Endemic to New Guinea (Veldkamp, 1979).

63. *Medinilla disparifolia* C.B.Rob., *Philipp. J. Sci., C Bot.* 6: 351. 1911. *Lectotype* (designated here) PHILIPPINES, Luzon, [Laguna Prov], Mt. Banajao, 05–07.03.1910, *C.B. Robinson* BS 9764 (K [K000867291]).

Medinilla loheri Merr., Philipp. J. Sci., C Bot. 8: 248. 1913. *Lectotype* (designated here): PHILIPPINES, Luzon, [Rizal province], Oriud, 08.05.1906, *A. Loher* 6280 (K [K000867292]).

Distribution: Endemic to Philippines [Luzon] (Regalado, 1995).

Notes: Regalado (1995) erroneously designated a new type for *M. disparifolia* C.B.Rob. because the original type (*Robinson* BS 9764) was not found at any herbarium that he consulted and assumed that the type specimen was destroyed by the fires in the Philippine National Herbarium (PNH) during the Second World War. Nevertheless, a duplicate type for *M. disparifolia* was found at K and designated here as the lectotype. A similar case also applies to *M. loheri* Merr., where Regalado (1995) designated a new type for the same reason. However, a duplicate of the original type for *M. loheri* (*Loher* 6280) was found at K and designated here as a lectotype.

64. *Medinilla dolichophylla* Merr., Philipp. J. Sci. 1(Suppl. 3): 214. 1906. *Lectotype* (designated by Regalado, 1995: 143): PHILIPPINES, Luzon, Cordillera [Benguet province], Baguio, October 1905, *E.D. Merrill* 4332 (US [US00120569]; isolecto K [K000867212], NY [NY00228842]).

Medinilla subdolichophylla Elmer, Leaf. Philipp. Bot. 4: 1220. 1911. *Lectotype* (designated by Regalado, 1995: 143): PHILIPPINES, Luzon, [Benguet province], Baguio, Mt. Santo Tomas, c. 2000 m, March 1907, *A.D.E. Elmer* 8635 (US; isolecto BISH [BISH512954], BO [BO-1752054], E [E00504464], F [V0063653F], G *n.v.*, HBG [HBG523080], L [L 0043200], MO [MO-2196126], NY [NY00228893]).

Distribution: Endemic to the Philippines [Luzon] (Regalado, 1995).

65. *Medinilla elegans* Elmer, Leaf. Philipp. Bot. 4: 1213. 1911. *Lectotype* (designated by Regalado, 1995: 162): PHILIPPINES, Mindanao, [Davao del Sur province], Davao, Todaya, Mt. Apo, c. 1800 m, August 1909, *A.D.E. Elmer* 11311 (S [US00120571]; isolecto A [A00072548], BISH [BISH512440], BO [BO-1761739], E [E00504458], F [V0063638F], GH [GH00072547], HBG [HBG523062], K [K000867177], L [L.2543046], MO [MO-313726], NY [NY00228843], U [U 0226518]).

Distribution: Endemic to the Philippines [Mindanao] (Regalado, 1995).

66. *Medinilla endertii* Regalado, Blumea 35(1): 52. 1990. *Type*: INDONESIA, Borneo, [East Kalimantan province], West Koetai, Mt. Kemoel, 1800 m, 22.10.1925, *F.H. Ender* 4463 (holo L [L 0008958, L 0008959]; iso BO [BO-1757070]).

Distribution: Endemic to Borneo (Regalado, 1990).

67. *Medinilla engganensis* Bakh.f., Contr. Melastom. 164. 1943. *Type*: INDONESIA, Sumatra, [Bengkulu province], Enggano Eiland, Boea-Boea, 100 m, 09.06.1936, *W.J. Lütjeharms* 4469 (holo L [L 0008960]; iso BO [BO-1761758]).

Distribution: Endemic to Sumatra [Enggano Island] (Bakhuizen van den Brink, 1943).

68. *Medinilla ericoidea* Steenis, Blumea 17: 271, figs. 1, 2. 1969. *Type*: INDONESIA, New Guinea, [Papua province], Mamberamo River region, Mt. Doorman top, 1450 m, 07.11.1920, *H.J. Lam* 1907 (holo L [L 0008961]; iso BO [BO-1294119, BO-1294120]).

Distribution: Endemic to New Guinea (Veldkamp, 1979).

69. *Medinilla erythrotricha* Elmer, Leaf. Philipp. Bot. 4: 1222. 1911. *Lectotype* (designated by Regalado, 1995: 178): PHILIPPINES, Mindanao, [Davao del Sur province], Davao, Todaya, Mt. Apo, c. 1700 m, May 1911, *A.D.E. Elmer* 10537 (US [US00120573]; isolecto A [A00072550], BISH [BISH512442], BO [BO-1813334], CAS [CAS0007320], DS *n.v.*, E [E00504459], F [V0063639F], GH [GH00072549], HBG [HBG523061], K [K000867298], L *n.v.*, MO [MO-313725], NY [NY00228846], U [U 0226543]).

Medinilla attenuata Elmer, Leaf. Philipp. Bot. 4: 1223. 1911. *Lectotype* (designated by Regalado, 1995: 178): PHILIPPINES, Mindanao, [Davao del Sur province], Davao, Todaya, Mt. Apo, S of Baruring River, c. 1500 m, September 1909, *A.D.E. Elmer* 11740 (US [US00120540]; isolecto BISH [BISH512412], BO [BO-1865975], F [V0063621F], GH [GH00072485], HBG [HBG523050], L [L 0008954], MO [MO-313742], NY [NY00228812]).

Medinilla hirsuta Merr., Philipp. J. Sci., C Bot. 8: 246. 1913. *Lectotype* (designated by Regalado, 1995:

178): PHILIPPINES, **Mindanao**, [Zamboanga del Sur province], Zamboanga, San Ramon, Sax River Mts., 900 m, 27.11.1911, *E.D. Merrill* 8296 (US [US00120582]).

Distribution: Endemic to the Philippines [Mindanao] (Regalado, 1995).

70. *Medinilla exigua* Merr. & L.M.Perry, *J. Arnold Arbor.* 24: 424. 1943. *Type*: INDONESIA, **New Guinea**, [Papua province], Idenburg River (Baliem River), 18 km SW of Bernhard Camp, 2050 m, February 1939, *L.J. Brass* 12696 (holo A [A00072474]; iso BO [BO-1356205], BRI [BRI-AQ0023054], L [L 0063349]).

Distribution: Endemic to New Guinea (Merrill & Perry, 1943).

71. *Medinilla eximia* (Jack) Blume, *Flora* 14: 515. 1831. *Melastoma eximium* Jack, *Trans. Linn. Soc. London* 14(1): 17. 1823, “*eximia*”. *Neotype* (designated here): INDONESIA, **Sumatra**, [Lampung province], Gunung Bungko [Mount Bungkok], Lampung *W. Jack s.n.* (lost), INDONESIA, **Sumatra**, [Bengkulu province], Liwa, 900 m, 26.02.1928, *C.N.A. de Voogd* 123 (L [L.2539786], isoneo BO, L [L.2539792]).

Medinilla speciosa Reinw. ex Blume, *Flora* 14: 515. 1831, **syn. nov.** *Lectotype* (designated by Regalado, 1995: 19): INDONESIA, **Java**, *C.G.C. Reinwardt s.n.* (L [L.2539797]).

Medinilla sieboldiana Planch., *Fl. Serres Jard. Eur.*, Ser. 1, 5: t. 482. 1849, “*sieboldiana*”, *syn. nov.* *Melastoma eximium* Siebold ex Triana, *Trans. Linn. Soc. London* 28: 87. 1872 [*nomen*]. *Medinilla intermedia* Blume var. *sieboldiana* (Planch.) Bakh.f., *Contr. Melastom.* 168. 1943. *Type*: Cultivated at Hortus Van Houtteanus [Originally collected from Maluku] (not traced).

Melastoma speciosum Reinw. ex Blume, *Flora* 14: 516. 1831 [*nomen*].

Distribution: Nicobar Islands, Malay Peninsula, Sumatra, Java, Lesser Sunda Islands, Borneo, Sulawesi, Maluku (Regalado, 1990; Jayanthi *et al.*, 2009).

Notes: *Medinilla speciosa* and *M. sieboldiana* are here synonymized based on their morphological similarities with *M. eximia*. The name of *M. eximia* (basonym: *Melastoma eximium*) is used here as the

correct name following the priority rule (Art. 11.4, Turland *et al.*, 2018), although usage of the name *Medinilla speciosa* is more frequent. The neotype of *M. eximia* is here chosen from a locality close to that of the lost original type of Jack’s from Sumatra (Jack, 1823). *Medinilla sieboldiana* was established by Planchon from the unpublished name *Medinilla eximia* Siebold (non Blume) (Planchon, 1849). Triana (1872) stated that the unpublished name represented *Melastoma eximium* Siebold (non Jack) and synonymized it under *M. sieboldiana*. The original spelling *M. sieboldiana* was corrected to *M. sieboldiana* (Hooker, 1852; Triana, 1872; Cogniaux, 1891).

72. *Medinilla fasciculiflora* Ohwi, *Bot. Mag. (Tokyo)* 57: 9. 1943. *Type*: INDONESIA, **New Guinea**, [West Papua province], Arfak Mts., Angi, 200 m, 06.04.1940, *R. Kanehira & S. Hatusima* 13649 (holo FU *n.v.*).

Distribution: Endemic to New Guinea (Ohwi, 1943).

Notes: No isotype of this species could be found at any herbarium consulted here and the holotype in Kyushu University Herbarium (FU) was not accessible online.

73. *Medinilla fenicis* Merr., *Philipp. J. Sci., C Bot.* 12: 344. 1917. *Lectotype* (designated by Regalado, 1995: 186): PHILIPPINES, **Luzon**, Cordillera [Apayao province], Mt. Sulu, May 1917, *E. Fénix* BS 28426 (US [US00120574]; isolecto A [A00003546], BO [BO-1761792], K [000867287], L [L.2538660], NY [NY00228847]).

Distribution: Endemic to the Philippines [Luzon] (Regalado, 1995).

74. *Medinilla ferruginea* Merr., *Philipp. J. Sci.* 17: 297. 1920. *Lectotype* (designated by Regalado, 1995: 180): PHILIPPINES, **Caraga**, [Dinagat province], Dinagat Island, Bucas Grande, May 1919, *M. Ramos & J. Pascasio* BS 35217 (US [US00120575]; isolecto A [A00072551], K [K000867294]).

Distribution: Endemic to the Philippines (Regalado, 1995).

75. *Medinilla ferruginescens* Ohwi, *Bot. Mag. (Tokyo)* 57: 15. 1943. *Type*: INDONESIA, **New Guinea**, [West Papua province], Arfak Mts., Angi, in forests near Iray by the Lake Giji, 1900 m, 05–08.04.1940, *R. Kanehira & S. Hatusima* 13926 (holo FU *n.v.*; iso A [A00072475]).

Distribution: Endemic to New Guinea (Ohwi, 1943).

76. *Medinilla forbesii* Baker f., Trans. Linn. Soc. London, Bot. 9(1): 55. 1916. *Lectotype* (designated here): PAPUA NEW GUINEA, **New Guinea**, [Central province], Sogeri Region, Mt. Woriwori, *H.O. Forbes* 757 (BM [BM000543802]).

Distribution: Endemic to New Guinea (Baker, 1916; Mansfeld, 1925).

77. *Medinilla fragilis* Regalado, Blumea 35(1): 30. 1990. *Type*: MALAYSIA, **Borneo**, [Sarawak state], 7th Division, Ulu Sungai Kapit, Bukit Goram, 800 m, 01.03.1975, *P. Chai* S.36155 (holo K [K000867142]; iso L [L.2538625], SAN *n.v.*, SAR *n.v.*).

Distribution: Endemic to Borneo [Sarawak] (Regalado, 1990).

78. *Medinilla frodinii* Bodegom, Blumea 46(3): 543, fig. 3. 2001. *Type*: PAPUA NEW GUINEA, **New Guinea**, [Southern Highlands province], Lalibu, near Capuchin Mission Sawmill, on the north side of Pangia Road, 2100 m, 17.12.1973, *D.G. Frodin* UPNG 4225 (holo L [L 0699626]; iso K [K000867466], UPNG *n.v.*).

Distribution: Endemic to New Guinea (Bodegom & Veldkamp, 2001).

79. *Medinilla furfuracea* Merr., Philipp. J. Sci., C Bot. 8: 245. 1913. *Lectotype* (designated by Regalado, 1995: 162): PHILIPPINES, **Leyte**, Eastern Visayas [Leyte province], Dagami, 06.08.1912, *M. Ramos* BS 15224 (US [US00120576]; isolecto K [K000867175, K0008677176]).

Distribution: Endemic to the Philippines (Regalado, 1995).

80. *Medinilla glandulosa* Bodegom, Blumea 46(3): 544, fig. 4. 2001. *Type*: PAPUA NEW GUINEA, **Goodenough Island**, [Milne Bay province], Maneau Range, N slope of Mt. Dayman, 2060 m, 03.06.1953, *L.J. Brass* 22727 (holo L [L 0699623]; iso K [K000867468], LAE *n.v.*, US [US00611141]).

Distribution: Endemic to New Guinea (Bodegom & Veldkamp, 2001).

81. *Medinilla gracilis* Veldkamp, Blumea 33: 509. 1988. *Type*: INDONESIA, **New Guinea**, [Papua province], Jayapura district, Cycloop Mts., path

Ifar–Ormoe, Faika River bank, 990 m, 10.06.1961, *P. van Royen & H. Sleumer* 5778 (holo L [L 0484348]; iso A [A00064199], CANB *n.v.*).

Distribution: Endemic to New Guinea (Veldkamp, 1988).

82. *Medinilla grandifolia* Bodegom, Blumea 46(3): 545, fig. 5. 2001. *Type*: PAPUA NEW GUINEA, **New Guinea**, [Western province], Ok Tedi headwaters, 855 m, 29.10.1969, *E.E. Henty, D.B. Foreman & M. Galore* NGF 42782 (holo L [L 0699624, L 0699625]; iso LAE *n.v.*).

Distribution: Endemic to New Guinea (Bodegom & Veldkamp, 2001).

83. *Medinilla halconensis* Merr., Philipp. J. Sci., C Bot. 2: 287. 1907. *Lectotype* (designated by Regalado, 1995: 175): PHILIPPINES, **Mindoro**, [Oriental Mindoro province], Mt. Halcon, Nov 1906, *E.D. Merrill* 5642 (US [US00120579]; isolecto G [G00353706], K [K000867303]).

Medinilla microphylla Merr., Philipp. J. Sci., C Bot. 2: 288. 1907. *Lectotype* (designated by Regalado, 1995: 175): PHILIPPINES, **Mindoro**, [Oriental Mindoro province], Mt. Halcon, *E.D. Merrill* 5599 (US [US00120596]; isolecto G [G00353707], K [K000867302], NY [NY00228865], P *n.v.*).

Medinilla longidens Merr., Philipp. J. Sci., C Bot. 12: 345. 1917. *Lectotype* (designated by Regalado, 1995: 175): PHILIPPINES, **Luzon**, [Apayao province], Mt. Sulu, May 1917, *E. Fénix* BS 28422 (US [US00120588]; isolecto K [K000867304], NY [NY00228858], P *n.v.*).

Distribution: Endemic to the Philippines (Regalado, 1995).

84. *Medinilla halogeton* S. Moore, J. Bot. 18: 3. 1880. *Type*: PAPUA NEW GUINEA, **Admiralty Islands**, [Manus province], March 1875, *H.N. Moseley s.n.* (holo BM [BM000543803]; iso K [K000867465]).

Distribution: Endemic to New Guinea [Admiralty Islands] (Moore, 1880).

85. *Medinilla hellwigiana* Mansf., Nova Guinea 14(2): 205. 1927. *Pachycentria hellwigiana* (Mansf.) Bakh.f., Contr. Melastom. 123. 1943, "*hellwigii*". *Lectotype* (designated here): INDONESIA, **New Guinea**, [Papua province], Hellwig Mts., 19.10.1909, *L.S.A.M. von Römer* 761 (L [L.2538563]).

Distribution: Endemic to New Guinea [Jayawijaya Mts.] (Mansfeld, 1927).

86. *Medinilla hexamera* Baker f., Trans. Linn. Soc. London, Bot. 9(1): 53. 1916. *Type:* INDONESIA, New Guinea, [Papua province, Jayawijaya Mts.], Utaqua River to Mt. Cartensz, C.B. Kloss s.n. (holo BM [BM000543863]).

Distribution: Endemic to New Guinea [Jayawijaya Mts.] (Bakhuizen van den Brink, 1943).

87. *Medinilla hollrungiana* Mansf., Bot. Jahrb. Syst. 60: 120. 1925. *Type:* PAPUA NEW GUINEA, [East Sepik province], Lordberg, 1000 m, December 1913, C.L. Ledermann 10157a (not found).

Distribution: Endemic to New Guinea (Mansfeld, 1925).

Notes: The original type collection of *M. hollrungiana* from Berlin herbarium (B) was not found and assumed lost during the Second World War. Apparently, there is no other associated specimens that can be chosen as a neotype.

88. *Medinilla homoeandra* (Stapf) M.P.Nayar, Kew Bull. 20: 240. 1966. *Anplectrum homoeandrum* Stapf, Trans. Linn. Soc. London, Bot. 4(2): 161. 1894. *Type:* MALAYSIA, Borneo, [Sabah state], Mt. Kinabalu, 6000 ft, January 1893, G.D. Haviland 1170 (holo K [K000867127]; iso K [K000867126]).

Distribution: Endemic to Borneo (Regalado, 1990).

89. *Medinilla humilis* Teijsm & Binn., Natuurk. Tijdschr. Ned. Indië 25: 427. 1863. *Type:* INDONESIA, Sulawesi, [North Sulawesi province], Menado, Kakas, J.E. Teijsmann s.n. (holo L n.v.).

Distribution: Endemic to Sulawesi (Cogniaux, 1891).

Notes: The original type specimen of the species was not seen in L or in any other herbarium consulted.

90. *Medinilla hypericifolia* (Blume) Blume, Flora 14: 513. 1831. *Melastoma hypericifolium* Blume, Bijdr. Fl. Ned. Ind. 17: 1070. 1826. *Lectotype:* (designated by Bakhuizen van den Brink, 1943: 180): INDONESIA, Java, C.L. Blume s.n. (L [L 0936344]; isolecto E [E00197626]).

Medinilla pallida Cogn. in A.D.C. & C.D.C., Monogr. Phan. 7: 577. 1891. *Type:* INDONESIA, In Sumatra occidentale [West Sumatra province], "Padangsche bovenlanden", sul Monte Singalang,

Jun–Jul 1878, O. Beccari PS 214 (holo FI [FI007947, FI007948]; iso K [K000867249], L [L.2538931]).

Distribution: Sumatra, Java (Bakhuizen van den Brink, 1943).

91. *Medinilla inaequifolia* C.B.Rob., Philipp. J. Sci., C Bot. 6: 219. 1911. *Lectotype* (designated by Regalado, 1995: 180): PHILIPPINES, Polillo Island, [Quezon province], R.C. Macgregor BS 10264 (lecto US [US00120584]; isolecto K [K000867295], NY [NY00228852]).

Distribution: Endemic to the Philippines (Regalado, 1995).

92. *Medinilla insignis* Mansf., Bot. Jahrb. Syst. 60: 129. 1925. *Type:* PAPUA NEW GUINEA, [Western Highlands province], Schrader Mts., 2070 m, 02.06.1913, C.L. Ledermann 11924 (not found).

Distribution: Endemic to New Guinea (Mansfeld, 1925).

Notes: The original type collection of *M. insignis* from the herbarium in Berlin (B) was not found and assumed lost during the Second World War. Additionally, there was no other associated specimen that could have been chosen as a neotype.

93. *Medinilla interiadiens* Bodegom, Blumea 46(3): 546, fig. 6. 2001. *Type:* PAPUA NEW GUINEA, New Guinea, [West Sepik province], Telefomin subdistrict, Oksapmin, 1985 m, 23.10.1975, E.E. Henty, R. Isgar & M. Galore NGF 41723 (holo L [L 0699622]; iso LAE n.v.).

Distribution: Endemic to New Guinea (Bodegom & Veldkamp, 2001).

94. *Medinilla intermedia* Blume, Flora 14: 516. 1831. *Lectotype* (designated by Bakhuizen van den Brink, 1943: 168): INDONESIA, Java, [Banten province], Tjihanjawar [Cihanyawar], H. Kuhl & J.C. van Hasselt s.n. (L [L 0537200]).

Distribution: Endemic to Java (Bakhuizen van den Brink, 1943).

95. *Medinilla kanehirae* Ohwi, Bot. Mag. (Tokyo) 57: 14. 1943. *Type:* INDONESIA, New Guinea, [Papua province], 45 km inward of Nabire, Dallmann, 400 m, 02.03.1940, R. Kanehira & S. Hatusima 12140 (holo FU n.v.; iso A [A00064187], BO [BO-1356247]).

Distribution: Endemic to New Guinea (Ohwi, 1943).

96. *Medinilla kaniensis* Mansf., Bot. Jahrb. Syst. 60: 119. 1925. *Lectotype* (designated here): PAPUA NEW GUINEA, **New Guinea**, [Madang province], Kani Gebirges, c. 600 m, 30.04.1908, *FR.R. Schlechter* 17630 (BM [BM000543804]; isolecto A [A00072476], BRI [BRI-AQ0059649], C [C10014665], K [K000867464], L [L 0063285], S [S-G-3981]).

Distribution: Endemic to New Guinea (Mansfeld, 1925).

97. *Medinilla kinabaluensis* Regalado, Blumea 35(1): 21, fig. 1. 1990. *Type*: MALAYSIA, **Borneo**, [Sabah state], Mt. Kinabalu, Tenompok, 5000 ft, 10.03.1932, *J. Clemens & M.S. Clemens* 28775 (holo UC [UC541195, UC558983]; iso A [A00072462], BM [BM000532535], BO [BO-1292321], K [K000867151], L [L 0008963], NY [NY00228856], SING [SING0045564]).

Distribution: Endemic to Borneo [Mt. Kinabalu] (Regalado, 1990).

98. *Medinilla korinchensis* Ridl., J. Fed. Malay states Mus. 8(4): 36. 1917. *Type*: INDONESIA, **Sumatra**, [Jambi province], Sungei Kumbang, 4000–5000 ft, *H.C. Robinson & C.B. Kloss s.n.* (not found).

Distribution: Endemic to Sumatra [Kerinci Range] (Ridley, 1917).

Notes: The original type specimen for *M. korinchensis* was not found at the Royal Botanic Gardens, Kew (K) or the Natural History Museum, London (BM).

99. *Medinilla lagunae* S.Vidal, Sin. Gen. Pl. Leños. Filip., Atlas 27. 1883. *Type*: PHILIPPINES, **Luzon**, [Albay province], *H. Cuming* 1333 (holo K [K000867307, K000867308]; iso BR [BR0000005192526], L [L 0597836]).

Distribution: Endemic to the Philippines (Regalado, 1995).

100. *Medinilla lasiocladus* Stapf, Trans. Linn. Soc. London, Bot. 4(2): 161. 1894. *Type*: MALAYSIA, **Borneo**, [Sabah state], Mt. Kinabalu, 6000 ft, January 1893, *C.D. Haviland* 1225 (holo K [K000867271]).

Distribution: Endemic to Borneo [Mt. Kinabalu] (Regalado, 1990).

101. *Medinilla lateralis* Merr., Philipp. J. Sci., C Bot. 8: 232. 1913. *Neotype* (designated here):

PHILIPPINES, **Mindanao**, [Zamboanga del Sur province], Zamboanga, Sax River Mts., 1100 m, 28.11.1911, *E.D. Merrill* 8292 (not found), Philippines. Mindanao, [Bukidnon province], Tangcunan and vicinity, June–July 1920, *M. Ramos & G.E. Edaño* BS 39109 (US [US02928183]).

Distribution: Endemic to the Philippines [Mindanao] (Regalado, 1995).

102. *Medinilla latericia* Regalado, Blumea 35(1): 31. 1990. *Type*: MALAYSIA, **Borneo**, [Sarawak state], 3rd Division, Kapit district, Melinau, Bukit Salong, Ulu Sampurau Waterfall, 3300 ft, 23.08.1967, *Ilias Paie* S.26592 (holo K [K000867141]; iso L [L 0484349], SAR *n.v.*).

Distribution: Endemic to Borneo [Sarawak] (Regalado, 1990).

103. *Medinilla laurifolia* (Blume) Blume, Flora 14: 511. 1831. *Melastoma laurifolium* Blume, Bijdr. Fl. Ned. Ind. 17: 1069. 1826. *Lectotype* (designated by Bakhuizen van den Brink, 1943: 188): INDONESIA, **Java**, *leg. ign. s.n.* (L [L 0537308]; isolecto E [E00197629]; K [K000867251, K000867252], L [L.2538774]).

Medinilla horsfieldii Miq., Fl. Ned. Ind. 1: 545. 1855. *Lectotype* (designated here): INDONESIA, **Java**, [Central Java province], Banjoemas, *T. Horsfield* 3 (K [K000867256]; isolecto K [K000867258], U [U 0226544]).

Medinilla horsfieldii var. *ovalis* Miq., Fl. Ned. Ind. 1: 546. 1855. *Lectotype* (designated here): INDONESIA, **Java**, [Central Java province], G. Dieng, *FW. Junghuhn s.n.* (L [L.2538807]; isolecto U [U.1385689]).

Melastoma carneum Zipp. ex Blume, Flora 14: 511. 1831 [*nomen*].

Distribution: Sumatra, Java, Sulawesi (Bakhuizen van den Brink, 1943).

Notes: Maxwell (1978) included *M. ferrata* Craib from Thailand as a variety of *M. laurifolia*. However, since *M. ferrata* has a different leaf thickness and narrow lateral veins, it is considered a different species.

104. *Medinilla lauterbachiana* Mansf., Nova Guinea 14(2): 205. 1927. *Lectotype* (designated here): INDONESIA, **New Guinea**, [Papua province], Lorentz River, Alkmaar Bivak, 03.07.1907, *G.M. Versteeg* 1361 (BO [BO-1769467]; isolecto BO

[BO-1820727, BO-1820728], K [K000867277], L [L.2538756]).

Distribution: Maluku, New Guinea (Bakhuizen van den Brink, 1943).

105. *Medinilla laxiflora* Ridl., Kew Bull. 1: 38. 1946. *Type:* MALAYSIA, **Borneo**, [Sarawak state], near Kuching, 23.11.1894, *G.D. Haviland* 1529 (holo K [K000867133, K000867134]; iso BM [BM000796104], BO [BO-1820729], GH [GH00072463], L [L.2538764], UC *n.v.*).

Distribution: Endemic to Borneo [Sarawak] (Regalado, 1990).

106. *Medinilla ledermannii* Mansf., Bot. Jahrb. Syst. 60: 121. 1925. *Lectotype* (designated here): PAPUA NEW GUINEA, **New Guinea**, Kaiser Wilhelmsland, [East Sepik province], April Fluss [April River], 400 m, 16.09.1912, *C.L. Ledermann* 9713 (L [L.2538766]).

Distribution: Endemic to New Guinea (Mansfeld, 1925).

107. *Medinilla lenticellata* Bodegom, Blumea 46(3): 548, fig. 7. 2001. *Type:* PAPUA NEW GUINEA, **New Guinea**, [Milne Bay province], Tantam Plateau, Raba Raba sub-district, scarp of Tantam Plateau overlooking Mayu River, 1980 m, 19.07.1972, *PF Stevens* LAE 55675 (holo L [L 0699621]; iso A *n.v.*, BRI [BRI-AQ0356430], CANB *n.v.*, K [K000867463], LAE *n.v.*).

Distribution: Endemic to New Guinea (Bodegom & Veldkamp, 2001).

108. *Medinilla leucantha* Merr. & L.M.Perry, J. Arnold Arbor. 24: 426. 1943. *Type:* INDONESIA, **New Guinea**, [Papua province], Idenburg River [Baliem River], Bernhard Camp, 60 m, April 1939, *L.J. Brass* 13770 (holo A [A00072477]; iso BO [BO-1292322, BO-1292323], BRI [BRI-AQ0023055], L [L 0064062]).

Distribution: Endemic to New Guinea (Merrill & Perry, 1943).

109. *Medinilla leytensis* Merr., Philipp. J. Sci., C Bot. 10: 279. 1915. *Lectotype* (designated by Regalado, 1995: 174): PHILIPPINES, **Leyte**, [Leyte province], Masaganap, Jaro, 20.09.1914, *C.A. Wenzel* 1140 (A [A00003547]; isolecto GH [GH00003548], NY [NY00228857]).

Distribution: Endemic to the Philippines (Regalado, 1995).

110. *Medinilla longifolia* Cogn. in A.DC. & C.DC., Monogr. Phan. 7: 597. 1891. *Lectotype* (designated here): INDONESIA, **New Guinea**, [West Papua province], Andai, August 1872, *O. Beccari* PP 605 (FI [FI007942]; isolecto BR [BR0000005192854]).

Medinilla sapoi-riverensis W.N.Takeuchi, Sida 18(4): 1074, fig. 2. 1999. *Type:* PAPUA NEW GUINEA, **New Guinea**, [Gulf province], Lakekamu, near Sapoi River, first ravine on the track above Ivimka Research Station, 183 m, 22.10.1996, *W.N. Takeuchi & J. Kulang* 11398 (holo LAE *n.v.*; iso A [A00100927, A00100928, A00100929], BISH [BISH1003310], BRI *n.v.*, CANB [CANB590245], K [K000565239, K000565240, K000565241], L [L 0538666, L 0538667]).

Distribution: Endemic to New Guinea (Takeuchi & Arifiani, 2010).

111. *Medinilla longipedunculata* Cogn. in A.DC. & C.DC., Monogr. Phan. 7: 577. 1891. *Type:* MALAYSIA, **Borneo**, [Sarawak state], Matang, May 1866, *O. Beccari* PB 1646 (holo FI [FI007944, FI007945]).

Distribution: Endemic to Borneo [Sarawak] (Regalado, 1990).

112. *Medinilla lordbergiana* Mansf. Bot. Jahrb. Syst. 60: 127. 1925. *Type:* PAPUA NEW GUINEA, [East Sepik province], Lordberg, 1000 m, 11.12.1912, *C.L. Ledermann* 10304 (syntype, not found); 07.12.1912, *C.L. Ledermann* 10164 (syntype, not found).

Distribution: Endemic to New Guinea (Mansfeld, 1925).

Notes: The original type collections of *M. lordbergiana* from the herbarium in Berlin (B) was not found and assumed lost during the Second World War. There was no other duplicate found at any other of the herbaria consulted.

113. *Medinilla lorentziana* Mansf., Nova Guinea 14(2): 206. 1927. *Lectotype* (designated here): INDONESIA, **New Guinea**, [Papua province], Lorentz River, Alkmaar Bivak, 24.07.1907, *G.M. Versteeg* 1520 (BO [BO-0126436]; isolecto L [L 0063348]).

Medinilla lorentziana var. *suffruticosa* Mansf., Bot. Jahrb. Syst. 60: 128. 1925. *Lectotype* (designated here): INDONESIA, **New Guinea**, [Papua province], Mamberamo, Pionierbivak, 60 m, 02.07.1920, *H.J. Lam* 495 (BO [BO-1759376]; isolecto K [K000867280, K000867281], L [L.2539161]).

Distribution: Endemic to New Guinea (Bakhuizen van den Brink, 1943).

114. *Medinilla macrophylla* Blume, Mus. Bot. 1(2): 19. 1849. *Lectotype*: (designated by Bakhuizen van den Brink, 1943: 181): INDONESIA, **Sumatra**, [West Sumatra province], *P.W. Korthals s.n.* (L [L 0537202]; isolecto L [L 0008964]).

Medinilla borneensis Blume, Mus. Bot. 1(2): 20. 1849. *Lectotype*: (designated by Bakhuizen van den Brink, 1943: 182): INDONESIA, **Borneo**, [South Kalimantan province], Bandjermassin, G. Sakoembang, *P.W. Korthals s.n.* (L [L 0008965]).

Medinilla motleyi Hook.f. ex Triana, Trans. Linn. Soc. London 28: 87. 1872. *Lectotype* (designated by Regalado, 1990: 49): INDONESIA, **Borneo**, [South Kalimantan province], Banjarmasin, *J. Motley s.n.* (K *n.v.*)

Medinilla floribunda Cogn. in A.DC. & C.DC., Monogr. Phan. 7: 599. 1891. *Type*: INDONESIA, **Sumatra**, [West Sumatra province], Ajer Mantjoer, near Padang, 360 m, *O. Beccari* PS 747 (holo FI [FI007940, FI007941]).

Distribution: Sumatra, Borneo, Sulawesi, Maluku (Regalado, 1990).

115. *Medinilla magnifica* Lindl. in Paxt., Flow. Gard. 1: 55, t. 12. 1850. *Type*: PHILIPPINES, **Luzon**, *J.H. Veitch s.n.* (holo K [K000867227, K000867228, K000867229]).

Medinilla bracteata Hort. Veitch, Fl. des Serres Ser. I, 6: t. 572. 1850–1851, *non* Blume [*nomen*].

Distribution: Endemic to the Philippines (Regalado, 1995).

116. *Medinilla maidenii* F.Muell., Bot. Centralbl. 26: 20. 1886. *Type*: PAPUA NEW GUINEA, **New Guinea**, [Western province], Fly River, Strickland River, *W. Bäuerlen* 169 (holo MEL [MEL2468046]).

Medinilla coccinea Baker f., Trans. Linn. Soc. London, Bot. 9(1): 56. 1916, **syn. nov.** *Type*:

INDONESIA, **New Guinea**, [Papua province], Utakwa River to Mt. Cartenz., Canoe Camp, 150 ft., November 1912, *C.B. Kloss s.n.* (holo BM [BM000543862]).

Medinilla rubrifolia Mansf., Bot. Jahrb. Syst. 60: 122. 1925, *syn. nov.* *Type*: INDONESIA, **New Guinea**, [Papua province], Lorentz River, 16.05.1909, *G.M. Versteeg* 1109 (lecto BO [BO-1769485], designated here; isolecto BO [BO-1769486]).

Medinilla nidularis Markgr., J. Arnold Arbor. 21: 198. 1940, *syn. nov.* *Type*: PAPUA NEW GUINEA, **New Guinea**, [Western province], Palmer River, 2 miles below junction Black River, 100 m, July 1936, *L.J. Brass* 7057 (holo A [A00064177]).

Distribution: Maluku, New Guinea (Cogniaux, 1891; Baker, 1916; Bakhuizen van den Brink, 1943).

Notes: Clausen (2000) suggested that *M. maidenii* is conspecific with *M. versteegii* Mansf. However, *M. maidenii* is known to have sessile leaves, while *M. versteegii* has petiolate leaves and therefore both are considered different species here. *M. coccinea*, *M. rubrifolia* and *M. nidularis* are synonymized since those three species have morphological similarity with *M. maidenii*. A charming cultivated *Medinilla* “Gregori Hambali”, common in many nurseries, was confirmed as *M. maidenii* (pers. comm.)

117. *Medinilla malaboensis* Bakh.f., Contr. Melastom. 184. 1943. *Type*: INDONESIA, **Sulawesi**, [West Sulawesi province], Malabo, August 1913, *Rachmat* 507 (holo L [L 0008966]; iso BO [BO-1761767, BO-1761768]).

Distribution: Endemic to Sulawesi (Bakhuizen van den Brink, 1943).

118. *Medinilla malabrigoi* Z.D.Meneses, Adorador & Quakenbush, Phytotaxa 483(2): 98. 2021. *Type*: PHILIPPINES, **Samar**, [Samar province], Paranas, Barangay San Isidro, c. 300 m, 13.07.2017, *J.T. Adorador & Z.D. Meneses* 010 (holo PNH *n.v.*; iso CAHUP *n.v.*, LBC *n.v.*).

Distribution: Endemic to the Philippines [Samar] (Adorador *et al.*, 2021).

119. *Medinilla malindangensis* Merr., Philipp. J. Sci., C Bot. 3: 250. 1908. *Lectotype* (designated by Regalado, 1995: 156): PHILIPPINES, **Mindanao**, [Misamis province], Mt. Malindang, May 1905,

E.A. Mearns & W.J. Hutchinson FB 4557 (US [US00120590]; isolecto K [K000867190], NY [NY00228859]).

Medinilla burebidensis Elmer, Leaf. Philipp. Bot. 4: 1229. 1911. *Lectotype*: designated by Regalado (1995: 156): PHILIPPINES, **Mindanao**, [Davao del Sur province], Davao, Todaya, Mt. Apo, Mt. Burebid, *c.* 1750 m, September 1909, *A.D.E. Elmer* 11839 (US [US00120549]; isolecto A [A00072494], BISH [BISH1003290], BO [BO-1759397], CAS [CAS0008158], F [F0063628F], GH *n.v.*, HBG [HBG523044], K [K000867189], L [L 0008968], MO [MO-313734], NY [NY00228824], U [U 0226550]).

Medinilla permicrophylla Elmer, Leaf. Philipp. Bot. 4: 1230. 1911. *Lectotype* (designated by Regalado, 1995: 156): PHILIPPINES, **Mindanao**, [Davao del Sur province], Davao, Todaya, Mt. Apo, on Mt. Burebid, *c.* 1500 m, July 1909, *A.D.E. Elmer* 11226 (US [US00120611]; isolecto A [A00072566], BISH [BISH1003305], BO [BO-1885499], CAS [CAS0007324], DS *n.v.*, E [E00219470], F [F0063647F], GH [GH00072564], HBG [HBG523069], K [K000867188], L [L 0008967], MO [MO-313718], NY [NY00228878], U [U 0004064]).

Distribution: Endemic to the Philippines (Regalado, 1995).

120. *Medinilla maluensis* Mansf., Bot. Jahrb. Syst. 60: 123. 1925. *Lectotype* (designated here): PAPUA NEW GUINEA, **New Guinea**, [East Sepik province], Malu, 50–100 m, 22.07.1912, *C.L. Ledermann* 8007 (SING [SING0186347]).

Distribution: Endemic to New Guinea [Papua New Guinea] (Mansfeld, 1925).

121. *Medinilla mansfeldiana* Merr. & L.M.Perry, J. Arnold Arbor. 24: 422. 1943. *Type*: PAPUA NEW GUINEA, **New Guinea**, [Sepik province], Goridjoa, 1200 m, 08.06.1909, *FR.R. Schlechter* 19744 (holo A [A00064180]; iso K [K000867462], NY [NY00228860]).

Distribution: Endemic to New Guinea (Merrill & Perry, 1943).

122. *Medinilla markgrafii* Merr. & L.M.Perry, J. Arnold Arbor. 24: 427. 1943. *Type*: PAPUA NEW GUINEA, **New Guinea**, [Central province], Mt. Tafa, 2310 m, May 1933, *L.J. Brass* 4018 (holo NY [NY00228861]; iso A [A00064178], BRI [BRI-AQ0059533]).

a. *Medinilla markgrafii* var. *markgrafi*

Distribution: Endemic to New Guinea (Bodegom & Veldkamp, 2001).

b. *Medinilla markgrafii* var. *insularis* Bodegom, Blumea 46(3): 552. 2001. *Type*: PAPUA NEW GUINEA, **New Guinea** [New Ireland province], Hans Meyer Range, 1710 m, 09.10.1975, *M.J.S. Sands, G.A. Pattison & J.J. Wood* 1933 (holo L [L 0699620]; iso K [K000867460]).

Distribution: Endemic to New Guinea (Bodegom & Veldkamp, 2001).

123. *Medinilla matthewi* Ridl., Kew Bull. 1: 39. 1946. *Type*: INDONESIA, **Sumatra**, [West Sumatra province], Gunung Tandikat, 5000 ft, *C.G. Matthew s.n.* (holo K *n.v.*).

Distribution: Endemic to Sumatra (Ridley, 1946).

124. *Medinilla mearnsii* Merr., Philipp. J. Sci., C Bot. 8: 230. 1913. *Lectotype* (designated by Regalado, 1995: 159): PHILIPPINES, **Mindanao**, [Misamis province], Mt. Malindang, 1000 m, 16.05.1906, *E.A. Mearns & W.J. Hutchinson* FB 4685 (US [US00120591]).

Distribution: Endemic to the Philippines [Mindanao] (Regalado, 1995).

125. *Medinilla megacalyx* Merr., Publ. Bur. Sci. Gov. Lab. 29: 36. 1905. *Lectotype* (designated by Regalado, 1995: 159): PHILIPPINES, **Luzon**, [Bataan province], Mt. Mariveles, Lamao River, July–August 1904, *Ahern's collector* FB 1514 (US [US00120592]; isolecto K [K000867182], NY [NY00228862]).

Distribution: Endemic to the Philippines [Luzon] (Regalado, 1995).

126. *Medinilla membranacea* Merr., Philipp. J. Sci., C Bot. 12: 346. 1917. *Lectotype* (designated here): PHILIPPINES, **Luzon**, [Apayao province], Mt. Sulu, May 1917, *E. Fénix* BS 28361 (K [K000867187]; isolecto A [A00072554], BM [BM000797574], BO [BO-1751095], NY [NY00228863], US [US00120593]).

Distribution: Endemic to the Philippines [Luzon] (Regalado, 1995).

127. *Medinilla merrittii* Merr., Philipp. J. Sci., C Bot. 2: 286. 1907. *Lectotype* (designated by Regalado, 1995: 166): PHILIPPINES, **Mindoro**, [Oriental

Mindoro province], Mt. Halcon, 15–27.06.1906, *M.L. Merritt* FB 4336 (US [US00120595]).

Medinilla megacarpa Merr., Philipp. J. Sci., C Bot. 8: 237. 1913. *Lectotype* (designated by Regalado, 1995: 166): PHILIPPINES, **Luzon**, [Laguna province], San Antonio, August 1910, *M. Ramos* BS 10977 (G [G00353708]).

Medinilla piperoides Elmer, Leaf. Philipp. Bot. 10: 3668. 1939, *nom. inval.*

Distribution: Endemic to the Philippines (Regalado, 1995).

128. *Medinilla microcephala* Regalado, Blumea 40(1): 181. 1995. *Cephalomedinilla anisophylla* Merr., Philipp. J. Sci., C Bot. 5: 205. 1910. *Lectotype* (designated by Regalado, 1995: 181): PHILIPPINES, **Luzon**, [Laguna province], Dahican, Paete, 25.07.1909, *FW. Foxworthy* BS 8986 (US [US00120640]; isolecto K [K000867293]).

Distribution: Endemic to the Philippines (Regalado, 1995).

129. *Medinilla mindorensis* Merr., Philipp. J. Sci., C Bot. 4: 302. 1909. *Lectotype* (designated by Regalado, 1995: 145): PHILIPPINES, **Mindoro**, [Mindoro Occidental province], Ibalon River, April–May 1908, *M.L. Merritt* FB 11489 (US [US00120598]).

Distribution: Endemic to the Philippines (Regalado, 1995).

130. *Medinilla miniata* Merr., Philipp. J. Sci., C Bot. 9: 382. 1914. *Lectotype* (designated by Regalado, 1995: 130): PHILIPPINES, **Leyte**, [Leyte province], 12.05.1914, *C.A. Wenzel* 653 (MO *n.v.*; isolecto A *n.v.*, CAS [CAS0007322], F [V0063642F], GH [GH00072557, GH00072558]).

Distribution: Endemic to the Philippines (Regalado, 1995).

131. *Medinilla minutibracteata* Bodegom, Blumea 46(3): 552, fig. 9. 2001. *Type*: PAPUA NEW GUINEA, **New Guinea**, [Northern province], Isurava, Iora Valley (S. of Kokoda), 1100 m, 26.09.1953, *R.D. Hoogland* 4014 (holo L [L 0699617]; iso A [A00073475], CANB *n.v.*, LAE *n.v.*).

Distribution: Endemic to New Guinea (Bodegom & Veldkamp, 2001).

132. *Medinilla minutifolia* Bodegom, Blumea 46(3): 553, fig. 10. 2001. *Type*: PAPUA NEW

GUINEA, **D'Entrecasteaux Islands**, [Milne Bay province], Goodenough Island, Mt. Oiamadawa'a, 1900 m, 22.12.1977, *M.A. Benjamin* LAE 67948 (holo L [L 0699616]; iso A *n.v.*, BISH [BISH1003302], BRI [BRI-AQ0361556], CANB *n.v.*, E *n.v.*, K [K000867461], LTB *n.v.*, M *n.v.*, UPNG *n.v.*).

Distribution: Endemic to New Guinea (Bodegom & Veldkamp, 2001).

133. *Medinilla montana* Cogn. in A.DC. & C.DC., Monogr. Phan. 7: 592. 1891. *Type*: INDONESIA, **New Guinea**, [West Papua province], Arfak Mts., Hatam, 1700–2300 m, July 1875, *O. Beccari s.n.* (holo FI [FI007946]; iso BR [BR0000005193189]).

Distribution: Endemic to New Guinea (Cogniaux, 1891).

134. *Medinilla montisaping* Regalado, Blumea 35: 38. 1990. *Type*: MALAYSIA, **Borneo**, [Sarawak state], 1st Division, Mount Aping, 914 m, 13.06.1961, *S. Collette* 738 (holo K [K000867129]).

Distribution: Endemic to Borneo [Sarawak] (Regalado, 1990).

135. *Medinilla mucronata* Koord. ex Bakh.f., Contr. Melastom. 159. 1943. *Type*: INDONESIA, **Sulawesi**, [North Sulawesi province], Minahassa, *G. Pinamorongan*, Kakas, 500 m, 25.01.1895, *S.H. Koorders* 17856β (holo L [L.2539337]; iso BO [BO-1757046, BO-1757061]).

Distribution: Endemic to Sulawesi (Bakhuizen van den Brink, 1943).

136. *Medinilla multialata* Quisumb. & Merr., Philipp. J. Sci. 37: 178. 1928. *Lectotype* (designated by Regalado, 1995: 160): PHILIPPINES, **Mindanao**, [Davao province], Mt. Mayo, 1000 m, 16.05.1927, *M. Ramos* & *G.E. Edaño* BS 49447 (US [US00120600]; isolecto BO [BO-1758295], K [K000867180], NY [NY00228866], UC *n.v.*).

Distribution: Endemic to the Philippines [Mindanao] (Regalado, 1995).

137. *Medinilla multibracteata* Bodegom, Blumea 46(3): 555, fig. 11. 2001. *Type*: PAPUA NEW GUINEA, **New Guinea**, [Eastern Highlands province], Goroka, Daulo Pass, 2655 m, 26.08.1970, *A.N. Millar* NGF 48631 (holo L [L 0699615]; iso BRI [BRI-AQ0361538], CANB *n.v.*, LAE *n.v.*).

Distribution: Endemic to New Guinea (Bodegom & Veldkamp, 2001).

138. *Medinilla multiflora* Merr., Publ. Bur. Sci. Gov. Lab. 29: 35. 1905. *Lectotype* (designated by Regalado, 1995: 139): PHILIPPINES, **Luzon**, [Pampanga province], Mt. Arayat, 870 m, October 1904, *E.D. Merrill* 3915 (US [US02928244]; isolecto K [K000867222], NY [NY00228867]).

Medinilla myriantha Merr., Philipp. J. Sci. 1(Suppl. 3): 215. 1906. *Lectotype*: (designated by Bakhuizen van den Brink, 1943: 182): PHILIPPINES, **Luzon**, [Laguna province], Mt. Maquiling, 17.03.1906, *E.D. Merrill* 5129 (lecto US [US00120602], designated by Regalado (1995: 140); isolecto K [K000867217], NY [NY00228868]).

Medinilla camiguinensis Merr., Philipp. J. Sci., C Bot. 8: 233. 1913. *Lectotype* (designated by Regalado, 1995: 140): PHILIPPINES, **Camiguin de Mindanao**, [Camiguin province], 29.03.1912, *M. Ramos* BS 14639 (US [US00120552]).

Medinilla canlaonensis Merr., Philipp. J. Sci., C Bot. 8: 239. 1913. *Neotype* (designated by Regalado, 1995: 140): PHILIPPINES, **Negros**, [Negros Oriental province], Mt. Canlaon, April 1954, *G.E. Edaño* PNH 21998 (A *n.v.*)

Medinilla negrosensis Merr., Philipp. J. Sci., C Bot. 8: 240. 1913. *Lectotype* (designated by Regalado, 1995: 140): PHILIPPINES, **Negros**, [Negros Oriental province], Dumaguete, Cuernos Mts., May 1908, *A.D.E. Elmer* 10049 (US [US00120603]; isolecto A *n.v.*, BO [BO-1813387], CAS [CAS0007323], GH [GH00072561], K [K000867218], L [L.2539351], MO *n.v.*, NY *n.v.*, U [U.1385673]).

Medinilla confusa Merr., Philipp. J. Sci., C Bot. 8: 242. 1913. *Neotype* (designated by Regalado, 1995: 140): PHILIPPINES, **Luzon**, [Bataan province], Mt. Mariveles, Maril 1905, *E.D. Merrill* 3965 (neo US [US02928238], designated by Regalado (1995: 140); isoneo K [K000867220], L [L.2539352], NY *n.v.*).

Medinilla vulcanica Merr., Philipp. J. Sci., C Bot. 12: 352. 1917. *Lectotype* (designated by Regalado, 1995: 140): PHILIPPINES, **Camiguin de Mindanao**, [Camiguin province], April 1912, *M. Ramos* Phil. Pl. 1164 (US [US00120636]; isolecto JE [JE00002763], U [0226258]).

Distribution: Endemic to the Philippines (Regalado, 1995).

139. *Medinilla multinervia* Merr., Philipp. J. Sci., C Bot. 8: 247. 1913. *Lectotype* (designated by Bakhuizen van den Brink, 1943: 182): PHILIPPINES, **Leyte**, Eastern Visayas [Leyte province], Dagami, Mt. Ibuni, 23.08.1912, *M. Ramos* BS 15386 (US [US00120601]; isolecto BM [BM000797573], G [G00353709], K [K000867331, K000867332]).

Distribution: Endemic to the Philippines [Leyte] (Regalado, 1995).

140. *Medinilla muricata* Blume, Mus. Bot. 1(2): 20. 1849. *Lectotype*: (designated by Bakhuizen van den Brink, 1943: 166): INDONESIA, **Sumatra**, [West Sumatra province], *P.W. Korthals s.n.* (lecto L [L.2539361], designated by Bakhuizen van den Brink (1943: 166)).

Distribution: Sumatra, Borneo, Sulawesi (Regalado, 1990).

141. *Medinilla musofo* K.Schum. & Lauterb., Fl. Schutzgeb. Südsee: 480. 1900. *Type*: PAPUA NEW GUINEA, **New Guinea**, Kaiser Wilhelmsland, [Morobe province], Sattelberg [Saddle Mountain], 12.12.1898, *G. Bamlér* 11 (not found).

Distribution: Endemic to New Guinea (Bakhuizen van den Brink, 1943).

Notes: The original type specimen of *M. musofo* was not found at the herbarium of the Botanischer Garten Berlin-Dahlem (B) and assumed destroyed during the Second World War. There is no way to designate a neotype for this species at present because no other associated specimens were found in the herbaria consulted.

142. *Medinilla myrtiformis* (Naudin) Triana, Trans. Linn. Soc. London 28: 86, t. 7, fig. 94c. 1872. *Aplectrum myrtiforme* Naudin, Ann. Sci. Nat., Bot. sér. 3, 15: 305. 1851. *Type*: PHILIPPINES, **Luzon**, [Tayabas province], 1841, *H. Cuming* 753 (holo P [P05283228], iso BR [BR0000005192588], E [E00288125, E00288126], G-DC [G00316246], K [K000867317, K000867319], L [L 0008971, L 0008972, L 0008973, L0484350], MW [MW0593703], NY [NY00221308], P [P05283227]).

Medinilla monantha Merr., Philipp. J. Sci., C Bot. 3: 152. 1908. *Lectotype* (designated by Regalado, 1995: 167): PHILIPPINES, **Mindanao**, [Lanao del Sur province], Lake Lanao, Camp Keithley, *M.S.*

Clemens 1136 (US [US00120599]; isolecto BO [BO-1751953, BO-1751954]).

Medinilla cardiophylla Merr., Philipp. J. Sci., C Bot. 5: 206. 1910. *Lectotype* (designated by Regalado, 1995: 167): PHILIPPINES, **Mindanao**, [Lanao del Sur province], Lake Lanao, Camp Keithley, September 1907, *M.S. Clemens s.n.* (US [US00344974]).

Medinilla bulusanensis Elmer, Leaflet Philipp. Bot. 10: 3661. *nom. inval.*

Distribution: Sulawesi, Maluku, the Philippines (Regalado, 1995).

143. *Medinilla nabirensis* Kartton., *nom. nov.* *Medinilla pachyphylla* Kaneh. & Hatus. ex Ohwi, Bot. Mag (Tokyo) 57: 10 (1943), *non* Jum. & H. Perrier (1913). *Type*: INDONESIA, **New Guinea**, [Papua province], 45 km inward of Nabire, Dallman, 500 m, 02.03.1940, *R. Kanehira & S. Hatusima* 12171 (holo FU, *n.v.*; iso A [A00073474]).

Distribution: Endemic to New Guinea (Ohwi, 1943).

Note: A new name, *M. nabirensis*, is proposed here for *M. pachyphylla* Kaneh. & Hatus. ex Ohwi because the name of *M. pachyphylla* has already been used for a species from Madagascar (Jumelle & Perrier de la Bâthie, 1913).

144. *Medinilla napiformis* Bakh.f., Contr. Melastom. 173. 1943. *Type*: INDONESIA, **New Guinea**, [Papua province], Mamberamo River Region, Doorman River, 200 m, 24.09.1920, *H.J. Lam* 1383 (holo L [L 0008974]; iso BO [BO-1412594], K [000867279], U [U.1385650]).

Distribution: Endemic to New Guinea (Bakhuizen van den Brink, 1943).

145. *Medinilla novoguineensis* Baker f., Trans. Linn. Soc. London, Bot. 9(1): 55. 1916. *Type*: INDONESIA, **New Guinea**, [Papua province, Jayawijaya Mts.], Cartensz Mts., Camp VIII to IX, 4900–5500 ft, *C.B. Kloss s.n.* (holo BM [BM000543865]).

Medinilla compacta Bakh.f., Contr. Melastom. 184. 1943, *syn. nov.* *Type*: INDONESIA, **New Guinea**, [Papua province, Jayawijaya Mts.], Mamberamo River Region, Doorman top, 1420 m, 08.10.1920, *H.J. Lam* 1558 (holo L [L 0008947]; iso BO [BO-1887576]).

Distribution: Endemic to New Guinea [Jayawijaya Mts.] (Baker, 1916; Bakhuizen van den Brink, 1943).

146. *Medinilla oblanceolata* Merr., Philipp. J. Sci. 14: 431. 1919. *Lectotype* (designated by Regalado, 1995: 183): PHILIPPINES, **Panay**, Western Visayas [Capiz province], Mt. Madiaas, April 1918, *M. Ramos & G.E. Edaña* BS 30703 (US [US00120604]; isolecto A [A00072562], K [K000867290]).

Distribution: Endemic to the Philippines [Panay] (Regalado, 1995).

147. *Medinilla obovata* Merr., Philipp. J. Sci., C Bot. 5: 208. 1910. *Lectotype* (designated by Regalado, 1995: 155): PHILIPPINES, **Negros**, Western Visayas [Negros Oriental province], Mt. Marapara, 500 m, 11.09.1909, *H.M. Curran* FB 17353 (lecto US [US00120605]).

Distribution: Endemic to the Philippines (Regalado, 1995).

148. *Medinilla obreensis* Mansf., Bot. Jahrb. Syst. 60: 129. 1925. *Type*: PAPUA NEW GUINEA, **New Guinea**, [Central province], Mt. Obree, 1887, *W.A. Sayer s.n.* (not found).

Distribution: Endemic to New Guinea (Mansfeld, 1925).

Notes: The original type specimen of *M. obreensis* was not found at the herbarium of the Botanischer Garten Berlin-Dahlem (B) and assumed destroyed during the Second World War. There is currently no possibility to designate a neotype because no other associated specimens are known.

149. *Medinilla ovalis* Merr., Philipp. J. Sci., C Bot. 4: 303. 1909. *Neotype* (designated by Regalado, 1995: 147): PHILIPPINES, **Luzon**, [Sorsogon province], Mt. Bulusan, July 1947, *M.D. Sulit* PNH 3652 (PNH *n.v.*; isoneotypes A *n.v.*, L [L.2534810]).

Medinilla epiphytica Merr., Philipp. J. Sci., C Bot. 8: 242. 1913. *Lectotype* (designated by Regalado, 1995: 147): PHILIPPINES, **Luzon**, [Laguna province], San Antonio, Dahican River, June 1912, *M. Ramos* BS 15002 (K [K000867209]; isolecto G [G00353710]).

Distribution: Endemic to the Philippines (Regalado, 1995).

150. *Medinilla pachygona* C.B. Rob., Philipp. J.

Sci., C Bot. 3: 208. 1908. *Type*: PHILIPPINES, **Luzon**, Cordillera [Benguet province], Baguio, 19.09.1904, *R.S. Williams* 952 (US [US00120606]), designated by Regalado (1995: 165); isolecto GH *n.v.*, K [K000867327], NY [NY00228872, NY00228873]).

Distribution: Endemic to the Philippines [Luzon] (Regalado, 1995).

151. **Medinilla palawanensis** Regalado, *Blumea* 40(1): 170. 1995. *Type*: PHILIPPINES, **Palawan**, [Puerto Princesa province], Mt. Beaufort, *c.* 775 m, 29.03.1984, *C.E. Ridsdale* SMHI 233 (holo L [L.2534770]; iso A *n.v.*, BO [BO-1887575], K [K000867313]).

Distribution: Endemic to the Philippines [Palawan] (Regalado, 1995).

152. **Medinilla panayensis** Merr., *Philipp. J. Sci., C Bot.* 12: 347. 1917. *Lectotype* (designated by Regalado, 1995: 143): PHILIPPINES, **Panay**, Western Visayas [Iloilo province], Ulian River, *C.B. Robinson* BS 18253 (US [US00120607]).

Distribution: Endemic to the Philippines [Panay] (Regalado, 1995).

153. **Medinilla paniculata** Mansf., *Bot. Jahrb. Syst.* 60: 126. 1925. *Type*: PAPUA NEW GUINEA, **New Guinea**, [East Sepik province], Felsspitze [Rocky Peak], 1500 m, 14.08.1913, *C.L. Ledermann* 12880 (not found)

Distribution: Endemic to New Guinea (Mansfeld, 1925).

Notes: The original type specimen of *M. paniculata* in B was lost during the Second World War and no other associated specimens are known for a new type designation.

154. **Medinilla papuana** Scheff., *Ann. Jard. Bot. Buitenzorg* 1: 24. 1876. *Type*: INDONESIA, **New Guinea**, [West Papua province], Andai, *J.E. Teijsmann* HB 7813 (holo BO [BO-0120188, BO-0120189]; iso BR [BR0000008026545]).

Distribution: Endemic to New Guinea (Cogniaux, 1891).

155. **Medinilla papulosa** Ohwi, *Bot. Mag. (Tokyo)* 57: 10. 1943. *Type*: INDONESIA, **New Guinea**, [Papua province], Nabire, Patema, 500 m, 1940, *R. Kanehira & S. Hatusima* 12369 (holo

FU *n.v.*).

Distribution: Endemic to New Guinea (Ohwi, 1943).

Notes: There was no isotype of *M. papulosa* found in any herbarium consulted here and the holotype in Kyushu University Herbarium (FU) is not accessible online.

156. **Medinilla parva** Merr., *Philipp. J. Sci., C Bot.* 8: 243. 1913. *Type*: PHILIPPINES, **Luzon**, [Tayabas province], Infanta, Mt. Binuang, 960 m, 28.08.1909, *C.B. Robinson* 9398 (not found).

Distribution: Endemic to Philippines [Luzon] (Regalado, 1995).

Notes: Regalado (1995) stated that no original type for *M. parva* was found and no other associated specimens are known.

157. **Medinilla parvibractea** Merr., *Philipp. J. Sci., C Bot.* 12: 349. 1917. *Lectotype* (designated by Regalado, 1995: 134): PHILIPPINES, **Babuyan Islands**, [Cagayan province], Camiguin Island, Mt. Camiguin, June–July 1907, *E. Fénix* BS 4151 (NY [NY03754554]).

Distribution: Endemic to the Philippines (Regalado, 1995).

158. **Medinilla patens** Ridl., *J. Fed. Malay states Mus.* 8(4): 36. 1917. *Lectotype* (designated here): INDONESIA, **Sumatra**, [Jambi province], Korinchi peak [Mt. Kerinci], 7300 ft., April 1914, *H.C. Robinson & C.B. Kloss* 101. *Distribution*: Endemic to Sumatra [Kerinci Range] (Merrill, 1934).

159. **Medinilla pedunculosa** Ohwi ex Regalado, *Blumea* 35(1): 31. 1990. *Type*: INDONESIA, **Borneo**, [West Kalimantan province], Gunung Damus, 1893–1894, *J.G. Hallier* 583 (holo BO [BO-1292294]).

Distribution: Endemic to Borneo [West Kalimantan] (Regalado, 1990).

160. **Medinilla peekelii** Mansf. in Diels, *Notizbl. Bot. Gart. Berlin-Dahlem* 10: 282. 1928. *Type*: PAPUA NEW GUINEA, **Neu-Mecklenburg**, [New Ireland], Lamekot [Lemakot], Lugagun, August 1926, *G. Peekel* 1074 (syntype, not found); Namatanai, Bolai, October 1910, *G. Peekel* 660 (syntype, not found).

Distribution: Endemic to New Guinea [New

Ireland] (Mansfeld, 1928).

Notes: It was not possible to designate a lectotype for *M. peekeli* here as the types in B were lost in the Second World War.

161. *Medinilla pellita* Veldkamp & Karton., *Reinwardtia* 16(1): 26, fig. 2. 2017. *Type:* INDONESIA, **Maluku**, [North Maluku province], Halmahera, Taso, Gn. Sembilan, near Mumar River, 300 m, 25.09.1951, *D.R. Pleyte* 255 (holo L [L.2546603]; iso BO [BO-1763144]).

Distribution: Maluku, New Guinea (Veldkamp & Kartonegoro, 2017).

162. *Medinilla peltata* Merr., *Philipp. J. Sci., C Bot.* 12: 348. 1917. *Type:* PHILIPPINES, **Leyte**, Eastern Visayas [Leyte province], Biliran, Mt. Suiro, June 1914, *R.C. MacGregor* BS 18953 (lecto US [US00120608], designated by Regalado (1995: 164); isolecto K [K000867329]).

Distribution: Endemic to the Philippines (Regalado, 1995).

163. *Medinilla pendens* Ridl., *J. Straits Branch. Roy. Asiat. Soc.* 61: 6 (1912). *Lectotype* (designated here): MALAYSIA, **Peninsular Malaysia**, [Johor state], Kota Tinggi, Panti River, 15.10.1910, *H.N. Ridley s.n.* (K [K000867074]; isolecto K [K000867075]).

Distribution: Endemic to Peninsular Malaysia (Maxwell, 1978).

164. *Medinilla pendula* Merr., *Publ. Bur. Sci. Gov. Lab.* 29: 34. 1905. *Lectotype:* PHILIPPINES, **Luzon**, Cordillera [Benguet province], Baguio, March 1904, *A.D.E. Elmer* 6037 (US [US00120609]; isolecto BO [BO-1885498], K [K000867236], NY [NY00228875], PNH *n.v.*).

Medinilla elmeri Merr., *Publ. Bur. Sci. Gov. Lab.* 29: 36. 1905. *Lectotype:* PHILIPPINES, **Luzon**, [Benguet province], Mt. Santo Tomas, March 1904, *A.D.E. Elmer* 5848 (lecto US [US00120572]; isolecto K [K000867238], NY [NY00228845]).

Medinilla gitingensis Elmer, *Leaf. Philipp. Bot.* 4: 1218. 1911. *Lectotype:* PHILIPPINES, **Sibuyan**, [Capiz province], Magallanes, Mt. Giting-Giting, *c.* 600 m, 15.05.1910, *A.D.E. Elmer* 12417 (US [US00120577]; isolecto A *n.v.*, BISH [BISH1003299], BO [BO-1761777], CAS [CAS0007321], E [E00504457], F [V0063640F],

GH [GH00072552], HBG [HBG523060], K [K000867235], L [L 0008975], MO [MO-313724], NY [NY00228848], U [U 0226540]).

Medinilla merrillii Elmer, *Leaf. Philipp. Bot.* 4: 1219. 1911. *Type:* PHILIPPINES, **Mindanao**, [Davao del Sur province], Davao, Todaya, Mt. Apo, *c.* 1200 m, July 1909, *A.D.E. Elmer* 11249 (lecto US [US00120594]; isolecto A [A00072556], BO [BO-1761778], E [E00504454], F [V0063641F], GH [GH00072555], HBG [HBG523076], K [K000867237], L [L.2534722], MO [MO-313723], NY [NY00228864], U [U 0226541]).

Medinilla subsessilis Merr., *Philipp. J. Sci., C Bot.* 7: 94. 1912. *Type:* PHILIPPINES, **Luzon**, [Mountain province], Bontoc, Malamey, November 1910, *M. Vanoverbegrh* 792 (lecto K [K000867234]; isolecto G [G00353711], P *n.v.*).

Distribution: Endemic to the Philippines (Regalado, 1995).

165. *Medinilla penduliflora* Ridl., *J. Fed. Malay states Mus.* 4: 19. 1909. *Lectotype* (designated here): MALAYSIA, **Peninsular Malaysia**, [Pahang state], Cameron Highlands, Gunong Berumbun, November 1908, *H.N. Ridley* 13688 (K [K000867174]).

Distribution: Southern Thailand, Peninsular Malaysia (Maxwell, 1978).

Notes: Renner *et al.* (2001) included *M. penduliflora* as a synonym of *M. alpestris*. Both species are actually morphologically different and following Maxwell (1978), *M. penduliflora* is accepted as different species from *M. alpestris* here.

166. *Medinilla perakensis* King, *J. Asiat. Soc. Bengal, Pt. 2, Nat. Hist.* 69(1); 64. 1900. *Lectotype* (designated here): MALAYSIA, **Peninsular Malaysia**, [Perak state], Gunong Batu Putih, 6000 ft, *L. Wray* 378 (K [K000867093]; isolecto SING [SING0045557]).

Medinilla crassiramea M.R.Hend., *Gard. Bull. Straits Settle.* 7: 103. 1933, *syn. nov. Medinilla clarkei* var. *crassiramea* (M.R.Hend.) J.F.Maxwell, *Gard. Bull. Singapore* 31: 156. 1978. *Type:* MALAYSIA, **Peninsular Malaysia**, [Pahang state], Cameron Highlands, Gunong Batu Brinchang, 6600 ft, 17.04.1930, *M.R. Henderson* SFN 23588 (holo SING [SING0045561]; iso BO [BO-1761712], K [K000867083, K000867084, K000867085,

K000867086, K000867087, K000867088], NY [NY00228803]).

Distribution: Endemic to Peninsular Malaysia (King, 1900; Maxwell, 1978).

Notes: Maxwell (1978) considered this species as a synonym of *M. clarkei*. However, the species is reinstated again here as its morphological appearance differs from *M. clarkei* (see notes under *M. clarkei*). *Medinilla crassiramea* is much closer to *M. perakensis* rather than *M. clarkei*, and is synonymized here.

167. *Medinilla pinnatinervia* Merr., Philipp. J. Sci., C Bot. 8: 235. 1913. *Lectotype* (designated by Regalado, 1995: 152): PHILIPPINES, **Luzon**, [Cagayan province], Cagayan Valley, Pamplona, March 1909, *M. Ramos* BS 7483 (US [US00344975]).

Distribution: Endemic to the Philippines [Luzon] (Regalado, 1995).

168. *Medinilla plumosa* Mansf., Bot. Jahrb. Syst. 60: 128. 1925. *Lectotype* (designated here): PAPUA NEW GUINEA, **New Guinea**, [Madang province], Kani Gebirges, 800 m, 05.05.1908, *FR.R. Schlechter* 17658 (A [A00072478]; isolecto BRI [BRI-AQ0059550], C [C10014668], K [K000867459], L [L0008976], NY [NY00228880]).

Distribution: Endemic to New Guinea (Mansfeld, 1925).

169. *Medinilla polillensis* C.B.Rob., Philipp. J. Sci., C Bot. 6: 217. 1911. *Lectotype* (designated by Regalado, 1995: 152): PHILIPPINES, **Calabarzon**, [Quezon province], Polillo Island, October 1909, *R.C. MacGregor* BS 10260 (US [US00120614]; isolecto K [K000867196]).

Medinilla nodiflora C.B.Rob., Philipp. J. Sci., C Bot. 6: 217. 1911. *Type*: PHILIPPINES, **Luzon**, [Laguna province], San Antonio, Papatahan, August 1910, *M. Ramos* BS 12005 (lecto *G n.v.*, designated by Regalado (1995: 152); isolecto K [K000867195]).

Medinilla sorsogonensis Merr., Philipp. J. Sci., C Bot. 11: 25. 1916. *Lectotype* (designated by Regalado, 1995: 152): PHILIPPINES, **Luzon**, [Sorsogon province], Bicol, Mt. Pocardal, July 1915, *M. Ramos* BS 23556 (US [US00120623]; isolecto A [A00072569], K [K000867197]).

Medinilla bakeri Elmer, Leaf. Philipp. Bot. 10: 3660. 1939, *nom. inval.*

Distribution: Endemic to the Philippines (Regalado, 1995).

170. *Medinilla porphyandra* Ridl., J. Fed. Malay states Mus. 8(4): 35. 1917. *Type*: INDONESIA, **Sumatra**, [Jambi province], Korinchi, Siolak Dras, 4400 ft, 16.03.1914, *H.C. Robinson & C.B. Kloss s.n.* (holo BM [BM000796118]).

Distribution: Endemic to Sumatra [Kerinci Range] (Ridley, 1917).

171. *Medinilla pterocaula* Blume, Flora 14: 509. 1831. *Lectotype*: (designated by Bakhuizen van den Brink, 1943: 157): INDONESIA, **Java**, [West Java province], Mount Salak, *C.L. Blume s.n.* [1793] (L [L 0008977]; isolecto K [K000867147, K000867148], S [S-G-3984]). *Distribution*: Malay Peninsula, Sumatra, Java, Borneo, Sulawesi, Maluku, New Guinea (Bakhuizen van den Brink, 1943; Regalado, 1990).

172. *Medinilla pulleana* Mansf., Nova Guinea 14(2): 207. 1927. *Hypenanthe pulleanum* (Mansf.) Bakh.f., Contr. Melastom. 236. 1943. *Lectotype* (designated here): INDONESIA, **New Guinea**, [Papua province], Hellwig Mts., 1750 m, 15.12.1912, *A.A. Pulle* 684 (lecto BO [BO-1863250]; isolecto K [K000859599, K000850600], L [L 0063347]).

Distribution: Endemic to New Guinea [Jayawijaya Mts.] (Bakhuizen van den Brink, 1943).

173. *Medinilla punicea* Bodegom, Blumea 46(3): 557, fig. 12. 2001. *Lectotype* (designated by Regalado, 1995: 151): PAPUA NEW GUINEA, **D'Entrecasteaux Islands**, [Milne Bay province], Normanby Island, NE of Bwasiaiai, 800 m, 05.12.1977, *J.R. Croft & M. Galore* LAE 71190 (holo L [L 0699664]; iso BRI [BRI-AQ0355619], CANB *n.v.*, LAE *n.v.*, LTB *n.v.*, UPNG *n.v.*).

Distribution: Endemic to New Guinea (Bodegom & Veldkamp, 2001).

174. *Medinilla purpurea* Elmer ex Merr., Philipp. J. Sci. 17: 298. 1920. *Lectotype* (designated by Regalado, 1995: 151): PHILIPPINES, **Luzon**, [Sorsogon province], Bicol, Mt. Kilibong, July 1915, *M. Ramos* BS 23701 (US [US00120617]; isolecto A [A00072565], BISH [BISH1003307], K [K000867198], L [L 00089778], NY [NY00228882]).

Distribution: Endemic to the Philippines (Regalado, 1995).

175. *Medinilla pycnantha* Quisumb. & Merr., Philipp. J. Sci. 37: 179. 1928. *Lectotype* (designated by Regalado, 1995: 175): PHILIPPINES, **Luzon**, Cagayan Valley [Nueva Vizcaya province], Mt. Alzapan, 1600 m, 24.05. 1925, *M. Ramos & G.E. Edaño* BS 45580 (US [US00120618]; isolecto A [A00072567], BM [BM000796141, BM000796142], BO [BO-1865974], K [K000867306], NY [NY00228883], P [05282924], UC *n.v.*).

Distribution: Endemic to the Philippines [Luzon] (Regalado, 1995).

176. *Medinilla quadrialata* Ohwi ex Regalado, Blumea 35: 43. 1990. *Type*: MALAYSIA, **Borneo**, [Sabah state], Sandakan, Paitan Forest Reserve, 15 m, 06.02.1963, *J. Ampuria* SAN 32819 (holo K [K000867276]; iso L [L 0537203], SAN *n.v.*).

Distribution: Endemic to Borneo (Regalado, 1990).

177. *Medinilla quadrifolia* (Blume) Blume, Flora 14: 509. 1831. *Melastoma quadrifolium* Blume, Bijdr. Fl. Ned. Ind. 17: 1069. 1826. *Lectotype*: (designated by Bakhuizen van den Brink, 1943: 162): INDONESIA, **Java**, [West Java province], Mt. Salak, *C.L. Blume s.n.* (L [L 0936170]; isolecto E [E00197632], K [K000867152, K000867153]).

Medinilla polyantha Korth. in Temminck, Verh. Nat. Gesch. Ned. Bezitt., Bot. t. 61. 1842. *Lectotype* (designated here): INDONESIA, **Sumatra**, [West Sumatra province], Doekoe, *P.W. Korthals s.n.* (L [L 0936162]).

Medinilla minahassae Koord., Meded. Lands Plantentuin 19: 467, 633. 1898. *Type*: INDONESIA, **Sulawesi**, [North Sulawesi province], Minahassa, oerwoud bij bivak Pinamorongan, 500 m, *S.H. Koorders* 17863 β (holo BO *n.v.*; iso L [L.2534851]).

Medinilla mindanaensis Merr., Publ. Bur. Sci. Gov. Lab. 29: 34. 1905. *Lectotype* (designated by Regalado, 1995: 157): PHILIPPINES, **Mindanao**, [Davao del Sur province], Davao, March 1904, *E.B. Copeland* 439 (US [US00120597]; isolecto K [K000867184], NY *n.v.*).

Medinilla verticillata Merr., Publ. Bur. Sci. Gov. Lab. 29: 34. 1905. *Lectotype* (designated by Regalado, 1995: 157): PHILIPPINES, **Luzon**, [Benguet

province], Sablan, April 1904, *A.D.E. Elmer* 6080 (US [US00120635]; isolecto K [K000867183], NY [NY00228898], PNH *n.v.*).

Medinilla bagobo Elmer, Leaf. Philipp. Bot. 4: 1212. 1911. *Lectotype* (designated by Regalado, 1995: 157): PHILIPPINES, **Mindanao**, [Davao del Sur province], Davao, Todaya, Mt. Apo, *c.* 1600 m, September 1909, *A.D.E. Elmer* 11617 (US [US00120542]; isolecto A *n.v.*, BISH [BISH1003286], BO [BO-1759391], F [V0063623f], HBG [HBG523048], K [K000867185], L [L 0008979], MO [MO-313740], NY [NY00228814]).

Medinilla duodecandra Merr., Philipp. J. Sci., C Bot. 8: 229. 1913. *Lectotype* (designated by Regalado, 1995: 157): PHILIPPINES, **Mindanao**, Caraga [Agusan del Norte province], Butuan, Mt. Hilong-Hilong, 150 m, 15.03.1911, *C.M. Weber* 1010 (US [US00120570]; isolecto A [A00072546], CAS [CAS0007319], CM [CM1533], E [E00504453], F [V0063636F], GH *n.v.*, K [K000867186], MIN [MIN1001794], UC *n.v.*).

Medinilla mirandae Merr., Philipp. J. Sci., C Bot. 8: 231. 1913. *Lectotype* (designated by Regalado, 1995: 157): PHILIPPINES, **Bangsamoro**, [Basilan province], Basilan Island, Mt. Calvario, September 1912, *D.P. Miranda* FB 18922 (lecto BM [BM000796167], designated by Regalado (1995: 157)).

Medinilla subumbellata Merr., Philipp. J. Sci., C Bot. 8: 232. 1913. *Lectotype* (designated by Regalado, 1995: 157): PHILIPPINES, **Mindoro**, Mimaropa [Oriental Mindoro province], Mt. Halcon, 700 m, 10.11.1906, *E.D. Merrill* 5660 (US [US00120627]; isolecto G [G00353713], NY *n.v.*).

Medinilla affinis Merr., Philipp. J. Sci., C Bot. 10: 281. 1915. *Lectotype* (designated by Regalado, 1995: 157): PHILIPPINES, **Leyte**, [Leyte province], Jaro, 18.07.1914, *C.A. Wenzel* 1003 (A [A00072481]; isolecto F [V0362120F]).

Medinilla trianae Merr., Philipp. J. Sci., C Bot. 12: 352. 1917. *Lectotype* (designated by Regalado, 1995: 157): PHILIPPINES, **Luzon**, [Laguna province], Dahican River, September 1912, *M. Ramos* Phil. Pl. 1131 (US [US00120631]; isolecto FR [FR0036222], JE [JE00001698], U [U 0226259]).

Medinilla pachyphylla Elmer, Leaf. Philipp. Bot. 10: 3665. 1939. *nom. inval.*

Distribution: Malay Peninsula, Sumatra, Java, Borneo, the Philippines (Regalado, 1995).

Notes: A taxonomic revision is needed to clarify the actual distribution of this species.

178. *Medinilla quintuplinervis* Cogn., Bot. Jahrb. Syst. 13: 393. 1891. *Lectotype:* INDONESIA, **New Guinea**, [Papua province], *O. Warburg s.n.* (lecto BR [BR0000005227488], designated here).

Distribution: Endemic to New Guinea (Bakhuizen van den Brink, 1943).

179. *Medinilla radicans* (Blume) Blume, Flora 14: 509. 1831. *Melastoma radicans* Blume, Bijdr. Fl. Ned. Ind. 17: 1069. 1826. *Lectotype:* (designated by Bakhuizen van den Brink, 1943: 161): INDONESIA, **Java**, [West Java province], G. Pantjar, *legign. s.n.* (L [L0537309]; isolecto K [K000867247], L [L 0936181, L 0936186]). *Distribution:* Java, Lesser Sunda Islands (Bakhuizen van Brink, 1943).

Notes: A taxonomic revision is needed to clarify the actual distribution of this species.

180. *Medinilla radiciflora* Quisumb. & Merr., Philipp. J. Sci. 37: 180. 1928. *Lectotype* (designated by Regalado, 1995: 171): PHILIPPINES, **Mindanao**, [Davao del Sur province], Davao, Mt. Mayo, 1000 m, 16.05.1927, *M. Ramos & G.E. Edaño* BS 49544 (US [US00120619]; isolecto K [K000867312], NY [NY00228884], UC *n.v.*).

Distribution: Endemic to the Philippines [Mindanao] (Regalado, 1995).

181. *Medinilla ramiflora* Merr., Publ. Bur. Sci. Gov. Lab. 29: 35. 1905. *Lectotype* (designated by Regalado, 1995: 169): PHILIPPINES, **Luzon**, [Bataan province], Lamao River, Mt. Mariveles, May 1904, *H.N. Whitford* 148 (US [US00120620]; isolecto F [V0063649F], K [K000867314], NY [NY00228885]).

Medinilla weberi Merr., Philipp. J. Sci., C Bot. 8: 235. 1913. *Lectotype* (designated by Regalado, 1995: 169): PHILIPPINES, **Mindanao**, [Agusan del Norte province], Butuan, Mt. Hilong-Hilong, 400 m, 28.03.1911, *C.M. Weber* 1009 (US [US00120637]; isolecto A [A00072573], CAS [CAS0007329], CM [CM1535], F [V0063658F], GH *n.v.*).

Distribution: Endemic to the Philippines (Regalado, 1995).

182. *Medinilla rhodorhachis* Baker f. in Gibbs, Fl. Arfak Mts. 216. 1917. *Type:* INDONESIA, **New Guinea**, [Papua province], Biak Island, Bosnik, January 1914, *L.S. Gibbs* 6275 (holo BM [BM000543860]; iso L [L 0063344]).

Distribution: Endemic to New Guinea [Biak Island] (Bakhuizen van den Brink, 1943).

183. *Medinilla richardsii* Regalado, Blumea 35(1): 36. 1990. *Type:* MALAYSIA, **Borneo**, [Sarawak state], Mt. Dulit, 1300 m, 10.08.1932, *P.W. Richards* 2172 (holo K [K000867131]).

Distribution: Endemic to Borneo [Sarawak] (Regalado, 1990).

184. *Medinilla ridleyi* Merr., Pap. Michigan Acad. Sci. 24: 85. 1939. *Medinilla vulcanica* Ridl., J. Malay. Branch. Roy. Asiat. Soc. 1: 61. 1923, *non* Merrill (1917). *Medinilla dumosa* Ridl., Kew Bull. 1: 39. 1946, *nom. superfl.* *Type:* INDONESIA, **Sumatra**, [North Sumatra province], Berastagi, Mount Sibayak, 11.02.1921, *H.N. Ridley s.n.* (holo K [K000867246]).

Distribution: Endemic to Sumatra (Merrill, 1934).

185. *Medinilla robinsonii* Elmer, Leaf. Philipp. Bot. 4: 1228. 1911. *Lectotype* (designated by Regalado, 1995: 165): PHILIPPINES, **Negros**, [Negros Oriental province], Dumaguete, Cuernos Mts., c. 1700 m, 15.04.1908, *A.D.E. Elmer* 9826 (L [L.2545190]; isolecto BISH [BISH1003309], BO [BO-1757049], E [E00504448], F [V0063650F], HBG [HBG523082], MO [MO-313805], NY [NY00228886]).

Medinilla rolfei Merr., Philipp. J. Sci., C Bot. 8: 230. 1913. *Lectotype* (designated by Regalado, 1995: 165): PHILIPPINES, **Negros**, [Negros Occidental province], Mt. Silay, 1100 m, May 1906, *H.N. Whitford* 1500 (K [K000867328]).

Distribution: Endemic to the Philippines (Regalado, 1995).

186. *Medinilla robusticaulis* Bakh.f., Contr. Melastom. 192. 1943. *Type:* INDONESIA, **Sumatra**, [North Sumatra province], W of Bandar Baru, 850 m, 13.10.1919, *J.A. Lörzing* 6880 (holo L [L 0008980]; iso BO [BO1765868, BO-1765869]).

Distribution: Endemic to Sumatra (Bakhuizen van den Brink, 1943).

187. *Medinilla rubicunda* (Jack) Blume, Flora 14: 512. 1823. *Melastoma rubicundum* Jack, Trans. Linn. Soc. London 14(1): 18. 1823. *Neotype* (designated here): SINGAPORE, **Nee Soon**, Seletar Forest, behind vegetable gardens, 22.01.1949, *J. Sinclair s.n.* (BO [BO-1750500]; isoneo SING *n.v.*).

Medinilla crassifolia (Reinw. ex Blume) Blume, Flora 14: 511. 1831. *Melastoma crassifolium* Reinw. ex Blume, Bijdr. Fl. Ned. Ind. 17: 1075. 1826. *Lectotype*: (designated by Bakhuizen van den Brink, 1943: 189): INDONESIA, **Java**, *C.L. Blume s.n.* (L [L 0008951]; isolecto E [E00197625], K [K000867136, K000867137, K000867139]).

Melastoma diaphanum Blume, Bijdr. Fl. Ned. Ind. 17: 1075. 1826. *Medinilla crassifolia* var. *diaphana* (Blume) Blume, Flora 14: 511. 1831. *Lectotype*: (designated by Bakhuizen van den Brink, 1943: 189): INDONESIA, **Java**, *C.L. Blume s.n.* (L [L.2542965]).

Medinilla hasseltii Blume, Flora 14: 513. 1831. *Lectotype*: (designated by Bakhuizen van den Brink, 1943: 190): INDONESIA, **Java**, [West Java province], Tjiharang, *H. Kuhl & J.C. van Hasselt s.n.* (L [L 0008950]; isolecto S [S-G-3977]).

Medinilla cuspidata Blume, Mus. Bot. 1(2): 18, 1849. *Lectotype*: (designated by Bakhuizen van den Brink, 1943: 189): INDONESIA, **Borneo**, [Central Kalimantan province], G. Rantau, *P.W. Korthals s.n.* (L [L.2543148]).

Medinilla inaequalis Miq., Fl. Ned. Ind. 1: 542. 1855. *Lectotype* (designated here): INDONESIA, **Java**, 1802, *T. Horsfield s.n.* (lecto K [K000867135]; isolecto U [U 0004063]).

Medinilla naudinii Triana, Trans. Linn. Soc. London 28: 86. 1872. *Type*: INDONESIA, **Java**, *C.L. Blume s.n.* (holo P [P05260818, P05260819]).

Medinilla caudatifolia O.Schwartz, Mitt. Allg. Inst. Bot. Hamburg 7: 252. 1931. *Type*: INDONESIA, **Borneo**, [West Kalimantan province], Bukit Raya, 1250 m, 17.12.1924, *J.K.A. Winkler* 901 (holo HBG [HBG523053, HBG523054]; iso BO [BO-1763295], C [C10014664], P [P05260881]).

Medinilla hasseltii var. *subsessilis* O.Schwartz, Mitt. Allg. Inst. Bot. Hamburg 7: 255. 1931. *Type*: INDONESIA, **Borneo**, [West Kalimantan province], Bukit Mulu, *J.K.A. Winkler* 458 (holo HBG [HBG523055, HBG523056]).

Distribution: Malay Peninsula, Sumatra, Java, Borneo, Sulawesi, the Philippines (Regalado, 1995).

Notes: Maxwell (1978) stated that *M. rubicunda* has an extended distribution into Indochina and India following some previous authors, and believed that *Wallich* 4086 from Penang was the type for the species (Triana, 1872; Clarke, 1879; Cogniaux, 1891; Ridley, 1922). However, Singapore is the actual type locality of *M. rubicunda* as stated by Jack (Jack, 1823). Detailed observations revealed that *Wallich* 4086 did not match the description of *M. rubicunda*. The type of *M. erythrophylla* Lindl., *Wallich* 4085, from India is close similar with *Wallich* 4086. Based on that, both are considered as the same species of *M. erythrophylla* and differs from *M. rubicunda*. Here, it is agreed with Bakhuizen van den Brink (1964) that *M. rubicunda* is conspecific with *M. crassifolia*, the widespread species in Malesia. Following the ICN code (Art. 11.4, Turland *et al.*, 2018), *M. rubicunda* is the older name and has priority over *M. crassifolia*. The original type specimen of *M. rubicunda* was lost during a shipwreck. Therefore, the neotype was designated here from a close to locality in Singapore.

188. *Medinilla rubiginosa* Cogn. in A.DC. & C.DC., Monogr. Phan. 7: 598. 1891. *Type*: INDONESIA, **New Guinea**, [West Papua province], Arfak Mts., Hatam, 1700–2300 m, July 1875, *O. Beccari s.n.* (holo FI [FI007956]; iso BR [BR0000005192489]).

Pogonantha hexamera Baker f. in Gibbs, Fl. Arfak Mts.: 158. 1917. *Type*: INDONESIA, **New Guinea**, [West Papua province], Arfak Mts., Koebré Mt., Angi Lakes, edge of forest patches, 3000 m, *L.S. Gibbs* 5649 (holo BM [BM000030925]; iso K [K000867458]).

Distribution: Endemic to New Guinea (Cogniaux, 1891).

189. *Medinilla rubrifrons* Regalado, Blumea 35(1): 23. 1990. *Type*: MALAYSIA, **Borneo**, [Sabah state], Mt. Kinabalu, Tenompok, 1500 m, 09.02.1932, *J. Clemens & M.S. Clemens* 27693 (holo A [A00072465]; iso BM [BM000796121], BO [BO-1292295], K [K000867149], L [L 0484351], NY [NY00228888], UC *n.v.*).

Distribution: Endemic to Borneo (Regalado, 1990).

190. *Medinilla rubrifructus* Ohwi, Bot. Mag. (Tokyo) 57: 7. 1943. *Type*: INDONESIA, **New Guinea**, [Papua province], 40 km inward of

Nabire, Ayerjat, 300 m, 09.04.1940, *R. Kanehira* & *S. Hatusima* 12662 (holo FU *n.v.*).

Medinilla neglecta M.P.Nayar, *Kew Bull.* 20: 242. 1966. *Type*: INDONESIA, **New Guinea**, [Papua province], Idenburg River [Baliem River], Bernhard Camp, 50 m, April 1939, *L.J. Brass* 13967 (holo K [K000867457]; iso A [A00064200], BO [BO-1759585], BRI [BRI-AQ0059674], L [L 0008982]).

Distribution: Endemic to New Guinea (Veldkamp, 1979).

Notes: No isotype of *M. rubrifructus* was found in any of the herbaria consulted here, and the holotype in Kyushu University Herbarium (FU) was not accessible online.

191. *Medinilla rubrovenia* Baker f., *Trans. Linn. Soc. London, Bot.* 9(1): 53, pl. 2, fig. 40–42. 1916. *Pachycentria rubrovenia* (Baker f.) Bakh.f., *Contr. Melastom.* 121. 1943, “*rubrivenia*”. *Type*: INDONESIA, **New Guinea**, [Papua province], Cartensz Mts., Camp VII, 3600 ft, *C.B. Kloss s.n.* (holo BM [BM000543866]).

Medinilla angusto-acuminata Bakh.f., *Contr. Melastom.* 167. 1943, **syn. nov.** *Type*: INDONESIA, **New Guinea**, [Papua province], Mount Hellwig, 1350–1600 m, 01.11.1909, *L.S.A.M. von Römer* 1149 (holo L [L 0700166]).

Distribution: Endemic to New Guinea [Jayawijaya Mts.] (Bakhuizen van den Brink, 1943).

192. *Medinilla rufescens* Regalado, *Blumea* 35: 51, fig. 11. 1990. *Type*: MALAYSIA, **Borneo**, [Sarawak state], 4th Division, Bintulu, Ulu Segan, c. 21 m, 28.08.1968, *E. Wright* S.27964 (holo K [K000867272]; iso A [A00072466], BO [BO-1292296], L [L 0484352], SAN *n.v.*, SAR *n.v.*).

Distribution: Endemic to Borneo [Sarawak] (Regalado, 1990).

193. *Medinilla rufopilosa* Ohwi ex Regalado, *Blumea* 35(1): 53, fig. 12. 1990. *Type*: MALAYSIA, **Borneo**, [Sarawak state], Balleh, Mujong, N. Pengian, 140 m, 17.03.1964, *P.S. Ashton* S.12106 (holo K [K000867270]; iso L [L 0484353], SAN *n.v.*, SAR *n.v.*, SING [SING0045568]).

Distribution: Endemic to Borneo (Regalado, 1990).

194. *Medinilla salicifolia* Blume, *Mus. Bot.* 1(2):

21. 1849. *Type*: INDONESIA, **Java**, [West Java province], montanis Harriang, *C.L. Blume s.n.* [23] (L [L 0537204]).

Distribution: Endemic to Java (Cogniaux, 1891).

Notes: Lectotype of *M. salicifolia* (*Blume s.n.* [23]) is chosen here from Herbarium Naturalis Biodiversity Center (L) because it is the only specimen contains Blume’s original handwriting on the label.

195. *Medinilla salicina* Ohwi ex Regalado, *Blumea* 35(1): 41, fig. 8. 1990. *Type*: MALAYSIA, **Borneo**, [Sarawak state], 3rd Division, Kapit district, Melinau, Ulu Sampurau Waterfall, Bukit Salong, 1000 m, 23.08.1967, *Ilias Paie* S.26590 (holo K [K000867124]; iso L [L 0008983], SAR *n.v.*).

Distribution: Endemic to Borneo (Regalado, 1990).

196. *Medinilla schlechteri* Mansf., *Bot. Jahrb. Syst.* 60: 129. 1925. *Lectotype* (designated here): PAPUA NEW GUINEA, **New Guinea**, [Western Highlands province], Bismarck Mts., 2400 m, 14.11.1908, *F.R.R. Schlechter* 18743 (K [K000867455]; isolecto A [A00072479], K [K000867456], NY [NY00228889]).

Distribution: Endemic to New Guinea (Mansfeld, 1925).

Notes: The original type of *M. schlechteri* (*Schlechter* 18743) at the Herbarium Berlin (B) was not found and assumed lost during the Second World War. Several duplicates were seen in several herbaria and the most complete specimen from Herbarium of the Royal Botanic Gardens, Kew (K) chosen as a lectotype here.

197. *Medinilla schraderbergensis* Mansf., *Bot. Jahrb. Syst.* 60: 126. 1925. *Type*: PAPUA NEW GUINEA, **New Guinea** [Western Highlands province], Schrader Mts., 2070 m, 29.05.1913, *C.L. Ledermann* 11755 (syntype, not found); 26.05.1913, *C.L. Ledermann* 11591 (syntype, not found); 02.05.1913, *C.L. Ledermann* 11943 (syntype, not found).

Distribution: Endemic to New Guinea (Bakhuizen van den Brink, 1943).

Notes: It was not possible to designate a lectotype for *M. schraderbergensis* as the types in B were not found. Due to lack of type material or any associated specimens, it is hard to make any taxonomic decision and clarify its relationship with other species.

198. *Medinilla schumanniana* Mansf., Bot. Jahrb. Syst. 60: 121. 1925. *Lectotype* (designated here): PAPUA NEW GUINEA, **New Guinea**, [East Sepik province], Etappenberg, 850 m, 10.10.1913, C.L. Ledermann 8921 (SING [SING0186348]).

Distribution: Endemic to New Guinea (Bakhuizen van den Brink, 1943).

Notes: The original type of *M. schumanniana* (Ledermann 8921) at the Herbarium Berlin (B) was not found and assumed lost during the Second World War. The only type duplicate is found in the Herbarium of the Singapore Botanic Garden (SING) and chosen as a lectotype here.

199. *Medinilla scortechinii* King, J. Asiat. Soc. Bengal, Pt. 2, Nat. Hist. 69(1): 62. 1900. *Lectotype* (designated here): MALAYSIA, **Peninsular Malaysia**, [Perak state], Larut, B. Scortechini 622 (K [K000867078]; isolecto A [A00072467], E [E00276203], K [K000867079], L [L 0484354]).

Medinilla hasseltii var. *griffithii* C.B. Clarke in Hook.f., Fl. Brit. India 2: 547. 1879. *Type*: MALAYSIA, **Peninsular Malaysia**, [Malacca state], Mt. Ophir, W. Griffith KD 2282 (holo K [K000867080]).

Distribution: Endemic to Peninsular Malaysia (Maxwell, 1978).

200. *Medinilla selangorensis* J.F. Maxwell, Gard. Bull. Singapore 31: 180, pl. 5, fig. 12. 1978. *Type*: MALAYSIA, **Peninsular Malaysia**, [Selangor state], Gunong Mengkuang, 02.02.1913, H.C. Robinson s.n. (holo K n.v.; iso L n.v.).

Distribution: Endemic to Peninsular Malaysia (Maxwell, 1978).

201. *Medinilla sessiliflora* Regalado, Blumea 35(1): 36, fig. 6. 1990. *Type*: MALAYSIA, **Borneo**, [Sarawak state], 1st Division, Tanjong Po, 05.09.1955, W.M.A. Brooke 10590 (holo BM [BM000796139]; iso L [L 0484355], US [US00323958]).

Distribution: Endemic to Borneo (Regalado, 1990).

202. *Medinilla sessilifolia* Merr., Philipp. J. Sci., C Bot. 8: 234. 1913. *Lectotype* (designated by Regalado, 1995: 170): PHILIPPINES, **Mindanao**, [Basilan province], Basilan Island, Cumalarang, 22.08.1912, J.S. Reillo BS 16145 (BM [BM000796143]).

Medinilla myrmecorhiza Regalado, Blumea 35(1): 44. 1990. *Type*: BRUNEI DARUSSALAM, **Borneo**, [Temburong state], along Temburong and Belalong rivers, 500 m, 30.09.1958, M. Jacobs 5577 (holo L [L 0537208]; iso K [K000867275]).

Distribution: Borneo, the Philippines (Regalado, 1995).

203. *Medinilla setiflora* Bodegom, Blumea 46(3): 558, fig. 13. 2001. *Type*: PAPUA NEW GUINEA, **New Guinea**, [Morobe province], Edie Creek, 2160 m, 17.09.1964, C.D. Sayers NGF 19943 (holo L [L 0699662]; iso A n.v., BO [BO-1866173], BRI [BRI-AQ0060218], CANB n.v., K n.v., LAE n.v., NSW n.v., SING n.v.).

Distribution: Endemic to New Guinea (Bodegom & Veldkamp, 2001).

204. *Medinilla setigera* (Blume) Miq., Fl. Ned. Ind. 1: 550. 1855. *Dactyliota setigera* Blume, Mus. Bot. 1(2): 22. 1849. *Hypenanthe setigerum* (Blume) Bakh.f., Contr. Melastom. 238. 1943. *Lectotype*: (designated by Bakhuizen van den Brink, 1943: 239): INDONESIA, **Sumatra**, [West Sumatra province], P.W. Korthals s.n. (L n.v.).

Medinilla involucrata Merr., Publ. Bur. Sci. Gov. Lab. 35: 51. 1906. *Lectotype* (designated by Regalado, 1995: 179): PHILIPPINES, **Mindoro**, Mimaropa [Oriental Mindoro province], Baco River, April 1905, R.C. MacGregor 328 (US [US00120585]; isolecto K [K000867296], NY [NY00228853]).

Medinilla cogniauxii Merr., Philipp. J. Sci., C Bot. 3: 249. 1908. *Type*: PHILIPPINES, **Luzon**, Calabarzon [Batangas province], H. Cuming 1487 (holo K n.v.; iso C [C10014663], E [E00276240], G-DC [G00316255], L [L.2539860]).

Medinilla cogniauxii var. *angustifolia* Merr., Philipp. J. Sci., C Bot. 3: 250. 1908. *Lectotype* (designated by Regalado, 1995: 179): PHILIPPINES, **Mindanao**, [Misamis province], Mount Malindang, May 1906, E.A. Mearns & W.J. Hutchinson FB 4567 (US [US00120555]; isolecto BO [BO-1414205], K [K000867297], NY [NY00228832]).

Medinilla curtiflora Elmer, Leaf. Philipp. Bot. 10: 3662. 1939. *nom. inval.*

Distribution: Sumatra, Borneo, the Philippines (Regalado, 1995).

205. *Medinilla simplicymosa* Malabrigo,

A.G.Umali & B.Tobias, Syst. Bot. 45(4): 867, fig. 3, 4. 2020. *Type*: PHILIPPINES, **Palawan**, Barangay Ransang, Mt. Mantalingahan Protected Landscape, 1500 m, 26.07.2019, *PL. Malabrigo* 516 (holo LBC *n.v.*; iso CAHUP *n.v.*, EBL *n.v.*, PNH *n.v.*).

Distribution: Endemic to the Philippines [Palawan] (Quakenbush *et al.*, 2020).

206. **Medinilla sogeriensis** Baker f., Trans. Linn. Soc. London, Bot. 9(1): 56. 1916. *Lectotype* (designated by Bodegom & Veldkamp, 2001: 559): PAPUA NEW GUINEA, **New Guinea**, [Morobe province], Sogeri, 1885, *H.O. Forbes* 305 (BM [BM000510197]; isolecto A [A00053135], BM [BM000510119], K [K000867454], L [L 0699660]).

Distribution: Endemic to New Guinea (Bodegom & Veldkamp, 2001).

207. **Medinilla squillula** Veldkamp, Reinwardtia 16(1): 27, fig. 3. 2017. *Type*: INDONESIA, **Maluku**, [North Maluku province], Halmahera, Weda Bay Road to Bukit Limber, *P. Lowry & P. Phillipson* 7287 (holo L [L.4310780]; iso BO *n.v.*, G [G00341753], MO [MO-2985907]).

Distribution: Endemic to Maluku [Halmahera] (Veldkamp & Kartonegoro, 2017).

208. **Medinilla stenobotrys** Merr., Philipp. J. Sci., 12: 350. 1917. *Lectotype* (designated by Regalado, 1995: 130): PHILIPPINES, **Luzon**, [Apayao province], Mt. Sulu, May 1917, *E. Fénix* BS 28355 (lecto US [US00120626]; isolecto A [A00003549], K [K000867230], NY [NY00228891]).

Distribution: Endemic to the Philippines [Luzon] (Regalado, 1995).

209. **Medinilla stephanostegia** Stapf, Trans. Linn. Soc. London, Bot. 4(2): 160. 1894. *Type*: MALAYSIA, **Borneo**, [Sabah state], Mt. Kinabalu, c. 2316 m, *C.D. Haviland* 1171 (holo K [K000867269]).

Distribution: Endemic to Borneo [Mt. Kinabalu] (Regalado, 1990).

210. **Medinilla subalata** Baker f., Trans. Linn. Soc. London, Bot. 9(1): 52. 1916. *Type*: INDONESIA, **New Guinea**, [Papua province], Cartenz Mts., Utaqua River, Camp I-III, *C.B. Kloss s.n.* (holo BM [BM000543867]).

Distribution: Endemic to New Guinea [Jayawijaya Mts.] (Baker, 1916).

211. **Medinilla subauriculata** Regalado, Blumea 35(1): 41, fig. 7. 1990. *Type*: MALAYSIA, **Borneo**, [Sarawak state], Bintulu, Ulu Segan, 28.08.1968, *E. Wright* S.27200 (holo K [K000867125]; iso A [A00072468], L [L 0484356], SAR *n.v.*, SING *n.v.*).

Distribution: Endemic to Borneo (Regalado, 1990).

212. **Medinilla suberosa** Regalado, Blumea 35(1): 45, fig. 9. 1990. *Type*: MALAYSIA, **Borneo**, [Sabah state], Mt. Kinabalu, Tenompok, 1524 m, 27.01.1932, *J. Clemens & M.S. Clemens* 28773 (holo BM [BM000796148]; iso A [A00072469], BO [BO-1292297], K [K000867274], L [L 0008987], NY [NY00228892]).

Distribution: Endemic to Borneo [Mt. Kinabalu] (Regalado, 1990).

213. **Medinilla succulenta** (Blume) Blume, Flora 14: 513. 1831. *Melastoma succulentum* Blume, Bijdr. Fl. Ned. Ind. 17: 1070. 1826. *Lectotype*: (designated by Bakhuizen van den Brink, 1943: 194): INDONESIA, Java, *leg. ign. s.n.* (L [L 0008988]).

Medinilla korthalsii Blume, Mus. Bot. 1(2): 18. 1849. *Lectotype*: (designated by Bakhuizen van den Brink, 1943: 194): INDONESIA, **Sumatra**, *P.W. Korthals s.n.* (L [L.2539647]).

Distribution: Malay Peninsula, Sumatra, Java, Borneo, Sulawesi, Maluku (Regalado, 1990).

214. **Medinilla sulcata** Quisumb. & Merr., Philipp. J. Sci. 37: 181. 1928. *Lectotype* (designated by Regalado, 1995: 160): PHILIPPINES, **Luzon**, [Cagayan province], Peñablanca, April 126, *M. Ramos & G.E. Edaña* BS 46549 (US [US00120629]; isolecto A [A00072570], K [K000867181], NY [NY00228895], UC *n.v.*).

Distribution: Endemic to the Philippines [Luzon] (Regalado, 1995).

215. **Medinilla surigaoensis** Regalado, Blumea 40(1): 153. 1995. *Medinilla wenzelii* Quisumb. & Merr., Philipp. J. Sci. 37: 182. 1928, *non* Merr. (1915). *Type*: PHILIPPINES, **Mindanao**, Surigao, [Surigao del Norte province], Placer, 15.07.1927, *C.A. Wenzel* 3021 (holo UC [UC316803]; iso A [A00072576], BO [BO-1414173, BO-1414174], BR [BR0000005227815], CAS [CAS0007330], K [K000867192], MO [MO-2894474], NY [NY00228899]).

Distribution. Endemic to the Philippines (Regalado, 1995).

216. *Medinilla tapete-magicum* Cámara-Leret & Veldkamp, Gard. Bull. Singapore 62(2): 216. 2011. *Type*: Cultivated at Eka Karya Botanical Gardens Bali, plot no. XV.B-242, 7.05.2007, *M.M.J. van Balgooy* 7557 [Originally from Sulawesi [South Sulawesi province], Enrekang Regency, Bukit Batusetan, 550 m] (holo L [L 0820695]).

Distribution: Endemic to Sulawesi (Cámara-Leret & Veldkamp, 2011).

217. *Medinilla tayabensis* Merr., Philipp. J. Sci., C Bot. 12: 351. 1917. *Lectotype* (designated by Regalado, 1995: 141): PHILIPPINES, Luzon, Calabarzon [Tayabas province], Mt. Binuang, May 1917, *M. Ramos & G.E. Edaña* BS 28605 (US [US00120630]; isolecto BM [BM000796164], K [K000867214], P [P05259407]).

Distribution. Endemic to the Philippines [Luzon] (Regalado, 1995).

218. *Medinilla tenuicaulis* Ridl., J. Fed. Malay states Mus. 8(4): 36 (1917). *Lectotype* (designated here): INDONESIA, Sumatra, [Jambi province], Kerinci, Sungei Kumbang, 31.03.1914, *H.C. Robinson & C.B. Kloss s.n.* (BM [BM000796122]; isolecto K [K000867245]).

Distribution. Endemic to Sumatra [Kerinci Range] (Ridley, 1917).

219. *Medinilla tenuipedicellata* Baker f., Trans. Linn. Soc. London, Bot. 9(1): 53. 1916. *Type*: INDONESIA, New Guinea, [Papua province, Jayawijaya Mts.], Cartensz Mts., Utakwa River, Camp VIc, 5500 ft, 1912, *C.B. Kloss s.n.* (holo BM [BM000543868]).

Distribution: Endemic to New Guinea (Mansfeld, 1925).

220. *Medinilla tenuipes* Merr., Philipp. J. Sci., C Bot. 12: 353. 1917. *Medinilla gracilipes* Merr., Philipp. J. Sci., C Bot. 8: 249. 1913, *non* Merr. (1913: 236). *Lectotype* (designated by Regalado, 1995: 185): PHILIPPINES, Leyte, [Leyte province], Dagami, Mt. Ibuni, 23.08.1912, *M. Ramos* BS 15228 (K [K000867288]; isolecto G [G00353712]).

Distribution: Endemic to the Philippines (Regalado, 1995).

221. *Medinilla ternatensis* Miq., Ann. Mus. Bot. Lugd.-Bat. 1: 217. 1863. *Lectotype*: (designated by Bakhuizen van den Brink, 1943: 165):

INDONESIA, Maluku, [North Maluku province], Ternate, *J.E. Teijsmann* HB 5227 (U [U 0004065]; isolecto BO [BO-1761761]).

Distribution: Sulawesi, Maluku (Bakhuizen van den Brink, 1943).

222. *Medinilla ternifolia* Triana, Trans. Linn. Soc. London 28: 88. 1872. *Neotype* (designated by Regalado, 1995: 176): PHILIPPINES, Luzon, Calabarzon [Laguna province], Mt. Makiling, September 1910, *E.D. Merrill* Phil. Pl. 418 (US [US02928359]).

Distribution. Endemic to the Philippines (Regalado, 1995).

223. *Medinilla tetraptera* Ohwi, Bot. Mag. (Tokyo) 57: 13. 1943. *Type*: INDONESIA, New Guinea, [Papua province], 45 km inward of Nabire, Dallmann, 500 m, 03.03.1940, *R. Kanehira & S. Hatusima* 12261 (holo FU *n.v.*; iso A [A00064167], BO [BO-1865978]).

Distribution: Endemic to New Guinea (Ohwi, 1943).

224. *Medinilla teysmannii* Miq., Ann. Mus. Bot. Lugd.-Bat. 1: 217. 1864. *Lectotype* (designated here): INDONESIA, Sulawesi, [North Sulawesi province], Manado, *J.E. Teijsmann* HB 5277 (U [U 0004066]; isolecto BO [BO-1415628, BO-1415630, BO-1415632], K [K000867244], L [L.2550010]).

Medinilla amabilis Dyer, Gard. Chron. n.s., 1: 373. 1874, *syn. nov.* *Type*: Cultivated at the Royal Botanic Gardens, Kew, *leg. ign. s.n.* (originally from Indonesia. Java) (holo K [K000867243]).

Medinilla albiflora Merr., Philipp. J. Sci., C Bot. 8: 385. 1913. *Lectotype* (designated by Regalado, 1995: 135): PHILIPPINES, Leyte, [Leyte province], Dagami, 22.06.1913, *C.A. Wenzel* 262 (MO *n.v.*; isolecto BM *n.v.*, F [V0093998F, V0063618F], L [L.2550029]).

Medinilla superba Teism. & Binn. ex Triana, Trans. Linn. Soc. London 28: 87. 1872 "1871" [*nomen*].

Distribution: Sulawesi, Maluku, the Philippines (Regalado, 1995).

225. *Medinilla theresae* Fernando, PhytoKeys 113: 146. 2018. *Type*: PHILIPPINES, [Dinagat province], Municipality of Loreto, Mt Redondo, 840 m, 29.09.2015, *E.S. Fernando* 3831 (holo PNH

n.v.; iso LBC *n.v.*, PUH *n.v.*).

Distribution: Endemic to the Philippines (Fernando *et al.*, 2018).

226. *Medinilla torricellensis* Mansf., Bot. Jahrb. Syst. 60: 119. 1925. *Lectotype* (designated here): PAPUA NEW GUINEA, **New Guinea**, Kaiser Wilhelmsland, [Sandaun province], Torricelli Mts., 1000 m, 21.09.1909, *FR.R. Schlechter* 20305 (BM [BM000543805]; isolecto K [K000867451, K000867452]).

Distribution: Endemic to New Guinea (Mansfeld, 1925).

227. *Medinilla trinervia* Cogn. in A.DC. & C.DC., Monogr. Phan. 7: 596. 1891. *Type*: INDONESIA, **New Guinea**, [West Papua province], Arfak Mts., Hatam, 1700–2300 m, July 1875, *O. Beccari s.n.* (holo FI [FI007959, FI007960]; iso BR [BR0000005192816]).

Distribution: Endemic to New Guinea (Cogniaux, 1891).

228. *Medinilla triochiton* Bodegom, Blumea 46(3): 561, fig. 15. 2001. *Type*: PAPUA NEW GUINEA, **New Guinea**, [Southern Highlands province], Mt. Lalibu, 2042 m, 22.06.1969, *M.J.E. Coode, P. Wardle & P. Katik* NGF 40294 (holo L [L 0699656]; iso A *n.v.*, CANB *n.v.*, K [K000566766], LAE *n.v.*).

Distribution: Endemic to New Guinea (Bodegom & Veldkamp, 2001).

229. *Medinilla triplinervia* Cogn. in A.DC. & C.DC., Monogr. Phan. 7: 1185. 1891. *Medinilla fasciculata* Cogn. in A.DC. & C.DC., Monogr. Phan. 7: 575. 1891, *non* Baker (1883). *Type*: INDONESIA, **New Guinea**, [West Papua province], Andai, 1872, *O. Beccari* PP 676 (holo FI [FI007938]; iso BR [BR0000005193141]).

Distribution: Endemic to New Guinea (Cogniaux, 1891).

230. *Medinilla ultramaficola* Quakenbush, Y.P. Ang & R. Bustam., Syst. Bot. 45(4): 868, fig. 5, 6. 2020. *Type*: PHILIPPINES, **Palawan**, [Puerto Princesa province], Mt. Beaufort, summit, 1010 m, 16.08.2019, *L.M. Camangeg & R.A.A. Bustamante 1* (holo PNH *n.v.*; iso FEUH *n.v.*, PPC *n.v.*).

Distribution: Endemic to the Philippines [Palawan] (Quakenbush *et al.*, 2020).

231. *Medinilla umbellata* Merr., Philipp. J. Sci. 17: 299. 1920. *Lectotype* (designated by Regalado, 1995: 161): PHILIPPINES, **Mindanao**, Surigao, [Surigao del Norte province], June 1919, *M. Ramos & J. Pascasio* BS 34744 (lecto US [US00120632], designated by Regalado (1995: 161); isolecto K [K000867179]).

Distribution: Endemic to the Philippines [Mindanao] (Regalado, 1995).

232. *Medinilla umbrina* Elmer, Leaf. Philipp. Bot. 4: 1215. 1911. *Type*: PHILIPPINES, **Mindanao**, [Davao del Sur province], Davao, Todaya, Mt. Apo, ravine along the Cati Creek, c. 2400 m, August 1909, *A.D.E. Elmer* 11496 (lecto US [US00120633], designated by Regalado (1995: 161); isolecto A [A00072571], BISH [BISH1003316], BO [BO-1415610], CAS [CAS0007327], E [E00504451], F [V0063656F], GH *n.v.*, HBG [HBG523078], K [K000867178], L [L.2539945], MO [MO-313801], NY [NY00228896], U [U 0226527]).

Distribution: Endemic to the Philippines [Mindanao] (Regalado, 1995).

233. *Medinilla uninervis* Veldkamp, Reinwardtia 16(1): 28, fig. 4. 2017. *Type*: INDONESIA, **Maluku**, [North Maluku province], Halmahera, Weda Bay, 6 km to Bukit Limber, 451 m, 29.10.2012, *R. Mahroji, B. Fabanyo & M. Soleman* 69 (holo L [L.4310778]; iso BO *n.v.*, G [G00341752], MO [MO-2985908]).

Distribution: Endemic to Maluku [Halmahera] (Veldkamp & Kartonegoro, 2017).

234. *Medinilla urophylla* Stapf, Trans. Linn. Soc. London, Bot. 4(2): 160. 1894. *Lectotype* (designated here): MALAYSIA, **Borneo**, [Sabah state], Mt. Kinabalu, Penokok, 1000 m, *C.D. Haviland* 1278 (K [K000867150]).

Distribution: Endemic to Borneo [Mt. Kinabalu] (Regalado, 1990).

235. *Medinilla varingoidea* Bakh.f., Contr. Melastom. 178. 1943. *Type*: INDONESIA, **Sumatra**, [West Sumatra province], Bukit Gombak, Laras Talang, 2330 m, 16.11.1918, *H.A.B. Bünnemeijer* 5741 (holo L [L 0936071]; iso BO [BO-1887574]).

Distribution: Endemic to Sumatra (Bakhuizen van den Brink, 1943).

236. *Medinilla venosa* (Blume) Blume, Flora 14: 518. 1831. *Melastoma venosum* Blume, Bijdr. Fl.

Ned. Ind. 17: 1075. 1826. *Hypenanthe venosum* (Blume) Blume, Mus. Bot. 1(2): 21. 1849. *Lectotype*: (designated by Bakhuizen van den Brink, 1943: 236): INDONESIA, **Maluku**, [North Maluku province], Ternate, *E.A. Forsten s.n.* (L [L 0931223]; isolecto K [K000859603]).

Medinilla farinosa Regel, Index Seminum 1865: 52. 1865. *Type*: (not traced).

Medinilla philippensis Cham. & Schldl. ex Merr., Philipp. J. Sci., C Bot. 3: 248. 1908. *Axanthes philippensis* Cham. & Schldl., Nomencl. Bot., ed. 2, 1: 174. 1840 [*nomen*]. *Neotype* (designated by Regalado, 1995: 171): PHILIPPINES, **Luzon**, Calabarzon [Cavite province], Mendez Nuñez, August 1906, *L. Mangubat* BS 1341 (US [US02928388]; isolecto K [K000867309, K000867310]).

Medinilla luzonensis Hook.f. ex Triana, Trans. Linn. Soc. London 28: 88. 1872. *Type*: PHILIPPINES, **Luzon**, *T. Lobb s.n.* (holo K [K000859601]).

Medinilla williamsii C.B.Rob., Philipp. J. Sci., C Bot. 3: 208. 1908. *Lectotype* (designated by Regalado, 1995: 171): PHILIPPINES, **Mindanao**, Zamboanga, [Zamboanga province], Sax River, 152 m, 20.02.1905, *R.S. Williams* 2412 (NY [NY00228902]; isolecto GH *n.v.*, K [K000867311], NY [NY00228901], US [US00120639]).

Distribution: Sulawesi, Maluku, the Philippines (Regalado, 1995).

237. *Medinilla venusta* King, J. Asiat. Soc. Bengal, Pt. 2, Nat. Hist. 69(1): 61. 1900. *Lectotype* (designated here): MALAYSIA, **Peninsular Malaysia**, [Perak state], Larut, September 1881, *King's collector [H. Kunstler]* 2390 (K [K000867163]; isolecto K [K000867164]).

Medinilla chionantha Stapf, Bull. Misc. Inform. Kew 1906: 73. 1906. *Type*: Cultivated at the Royal Botanic Gardens, Kew, *P.C.M. Veitch s.n.* [Originally collected by C. Curtis from Peninsular Malaysia, Perak state] (holo K [K000867165]).

Medinilla gratiosa Stapf, Bull. Misc. Inform. Kew 1933: 184. 1933. *Type*: Cultivated at the Royal Botanic Gardens, Kew, *leg. ign. s.n.* [Originally from Peninsular Malaysia, Pahang state, Fraser's Hill] (holo K [K000867162]; iso L *n.v.*).

Distribution: Southern Thailand, Peninsular Malaysia (Maxwell, 1978).

238. *Medinilla versteegii* Mansf., Bot. Jahrb. Syst. 60: 125. 1925. *Pachycentria versteegii* (Mansf.) Bakh.f., Contr. Melastom. 122. 1943. *Lectotype* (designated here): INDONESIA, **New Guinea**, [Papua province], Lorentz River, 17.05.1907, *G.M. Versteeg* 1110 (BO [BO-1757066]; isolecto BO [BO-1757065], K [K000867449]).

Medinilla versteegii var. *tetragona* Mansf., Bot. Jahrb. Syst. 60: 125. 1925. *Lectotype*: INDONESIA, **New Guinea**, [Papua province], Alkmaar Camp, 03.08.1907, *G.M. Versteeg* 1563 (BO [BO-1757053]; isolecto BO [BO-1757054], K [K000867450], L [L.2534783, L.2534784], U [U0008366]).

Distribution: Endemic to New Guinea (Mansfeld, 1925).

239. *Medinilla vexillifera* C.W.Lin & Rubite, Taiwania 65(2): 149, fig. 1, 2. 2020. "*vexillifer*". *Type*: PHILIPPINES, **Luzon**, original locality unknown, *C.W. Lin* 676 (holo PNH *n.v.*; iso SING *n.v.*, TAIF *n.v.*).

Distribution: Endemic to the Philippines [Luzon] (Lin & Rubite, 2020).

240. *Medinilla warica* Mansf., Nova Guinea 14(2): 206. 1927. *Lectotype* (designated here): INDONESIA, **New Guinea**, [Papua province], Biak Island, Wari, 05.09.1915, *W.K.H. Feuilletau de Bruyn* 388 (L [L.2550233]).

Distribution: Endemic to New Guinea (Bakhuizen van den Brink, 1943).

241. *Medinilla whitfordii* Merr., Publ. Bur. Sci. Gov. Lab. 29: 37. 1905. *Lectotype* (designated by Regalado, 1995: 149): PHILIPPINES, **Luzon**, [Tayabas province], Mt. Banahao, 1700 m, 19.09.1904, *H.N. Whitford* 961 (US [US00120638]; isolecto K [K000867206], NY [NY00228900]).

Carionia triplinervia Rolfe, J. Linn. Soc. 21: 310. 1884. *Type*: PHILIPPINES, **Luzon**, [Albay province], Mt. Mayon, April 1887, *S. Vidal* 779 (holo K [K000867205]; iso FI [FI007621], L [L.2550190], MA [MA732218]).

Medinilla pulogensis Merr., Philipp. J. Sci., C Bot. 5: 368. 1910. *Lectotype* (designated by Regalado, 1995: 149): PHILIPPINES, **Luzon**, [Benguet province], Mt. Pulog, January 1910, *H.M. Curran, M.L. Merritt & T.C. Zschokke* BS 18105 (lecto US [US00344976]; isolecto K [K000867207]).

Distribution: Endemic to the Philippines (Regalado, 1995).

242. *Medinilla zoster* Veldkamp, Reinwardtia 16(1): 29, fig. 5. 2017. *Type*: INDONESIA, **Maluku** [North Maluku province], Central Halmahera, Weda Bay, Doromesmesan, 109 m, 26.01.2013, *M.W. Callmander, R. Mahroji & M. Soleman* 1067 (holo L [L.4310775]; iso BO *n.v.*, G [G00341749], MO [MO-2985909]).

Distribution: Endemic to Maluku [North Maluku] (Veldkamp & Kartonegoro, 2017).

Excluded species

Medinilla alternifolia Blume, Mus. Bot. 1(2): 19. 1849. *Lectotype*: (designated by Bakhuizen van den Brink [1943: 177] and Camara-Leret et al. [2013: 234]): INDONESIA, **Sumatra**, [West Sumatra province], Indrapoera, *P.W. Korthals s.n.* (lecto L [L 0537189]; isolecto K [K000867268], L [L 0537188, L 0537190, L 0537191, L 0537192]). \equiv ***Heteroblemma alternifolium*** (Blume) Camara-Leret, Ridd.-Num. & Veldkamp, Blumea 58(3): 234. 2013.

Medinilla anomala Cogn. in A.DC. & C.DC., Monogr. Phan. 7: 1185. 1891. *Type*: PAPUA NEW GUINEA, **New Guinea**, [Central province], Sogeri, 1885, *H.O. Forbes* 451 (holo P [P02274934]; iso A [A00072024], BM [BM000944543], K [K000859594], L [L0008832], MEL [MEL2398642, MEL2398643], P [P02274935]). \equiv ***Catanthera lypipetala*** F.Muell., J. Bot. 24: 289. 1886.

Medinilla bakhuizenii M.P.Nayar, Blumea 18: 569, fig. 1. 1970. *Pachycentria speciosa* Ridl., J. Fed. Malay States Mus. 6: 149. 1915. *Type*: MALAYSIA, **Peninsular Malaysia**, [Pahang state], Gunong Tahan, near Wray Camp, July 1911, *H.N. Ridley* 16339 (holo K [K000867166]; iso K [K000867167]). \equiv ***Pachycentria varingiaefolia*** (Blume) Blume, Flora 14: 520. 1831.

Medinilla barbata Bakh.f., Contr. Melastom.: 176. 1943. *Type*: INDONESIA, **New Guinea**, [Papua province], Mamberamo River, Pioneer bivak, 60 m, 17.07.1920, *H.J. Lam* 663 (holo L [L 0008944]; iso BO [BO-1820726]). \equiv ***Heteroblemma barbatum*** (Bakh.f.) Camara-Leret, Ridd.-Num. & Veldkamp, Blumea 58(3): 234. 2013.

Medinilla bisetosa Bakh.f., Contr. Melastom.: 177. 1943. *Type*: INDONESIA, **Sumatra**, [South

Sumatra province], *H.O. Forbes* 2342 (holo L [L 0537184]; iso BM [BM000907610], BO [BO-1763215]). \equiv ***Heteroblemma bisetosum*** (Bakh.f.) Camara-Leret, Ridd.-Num. & Veldkamp, Blumea 58(3): 235. 2013.

Medinilla capillipes Regalado, Blumea 35: 61, fig. 14. 1990. *Type*: MALAYSIA, **Borneo**, [Sarawak state], 7th Division, Apa River between Bukit Bakar and Bukit Goram, 280 m, 08.03.1975, *Ilias Paie* S.36279 (holo K [K000277064]; iso L [L 0537181], MO [MO-3085794], SAN *n.v.*, SAR *n.v.*). \equiv ***Heteroblemma capillipes*** (Regalado) Camara-Leret, Ridd.-Num. & Veldkamp, Blumea 58(3): 235. 2013.

Medinilla decurrens Cogn. in A.DC. & C.DC., Monogr. Phan. 7: 591. 1891. *Type*: MALAYSIA, **Borneo**, [Sarawak state], Tubao, September 1867, *O. Beccari* PB 4016 (holo FI [FI007937]; iso BR [BR0000005192250]). \equiv ***Heteroblemma decurrens*** (Cogn.) Camara-Leret, Ridd.-Num. & Veldkamp, Blumea 58(3): 237. 2013.

Medinilla dispar Cogn. in H.J.P.Winkl., Bot. Jahrb. Syst. 48: 108. 1912. *Type*: INDONESIA, **Borneo**, [South Kalimantan province], between Batu Babi and Lumowia, 10.07.1908, *H. Winkler* 2812 (holo BR [BR0000005223961]; iso BO [BO-1421693], K [K000867570], P [P05283798], WRSL *n.v.*). \equiv ***Driessenia dispar*** (Cogn.) C.Hansen, Nordic J. Bot. 5: 346. 1985.

Medinilla driesenioides Bakh.f., Contr. Melastom. 186. 1943. *Type*: INDONESIA, **Sumatra**, [South Sumatra province], *H.O. Forbes* 3094 (holo L [L 0008957]; iso BM *n.v.*). \equiv ***Driessenia minutiflora*** O.Schwartz, Mitt. Inst. Allg. Bot. Hamburg 7: 238. 1931.

Medinilla flagellata Stapf in Hook.f., Icon. Pl. 25: t. 2411.1895. *Type*: MALAYSIA, **Borneo**, [Sarawak state], Sarawak River, Mt. Braang, 152 m, *C.D. Haviland* 68 (holo K [K000277065]). \equiv ***Heteroblemma flagellatum*** (Stapf) Camara-Leret, Ridd.-Num. & Veldkamp, Blumea 58(3): 238. 2013.

Medinilla formanii Regalado, Blumea 35(1): 56. 1990. *Type*: INDONESIA, **Borneo**, [East Kalimantan province], Tabang, Belayan River, 100 m, 22.08.1956, *L.L. Forman* 521 (holo K [K000277069, K000277070]; iso BO [BO-1294121, BO-1294122], L [L 0537179], US [US00323957]). \equiv ***Heteroblemma formanii*** (Regalado) Camara-Leret, Ridd.-Num. &

Veldkamp, *Blumea* 58(3): 238. 2013.

Medinilla gibbifolia Ohwi, Bot. Mag. (Tokyo) 57: 12. 1943. *Type*: INDONESIA, **New Guinea**, [Papua province], 45 km inward of Nabire, Dallmann, 400 m, 03.03.1940, *R. Kanehira* & *S. Hatusima* 12236 (holo FU *n.v.*; iso A [A00064192]). ≡ **Pachycentria pulverulenta** (Jack) Clausen, *Blumea* 45(2): 362. 2000.

Medinilla heteranthera King, J. Asiat. Soc. Bengal, Pt. 2, Nat. Hist. 69(1): 61. 1900. *Lectotype* (designated here): Malaysia, Peninsular Malaysia, [Perak state], Larut, 3500–4500 ft, November 1884, *King's collector* 6904 (K [K000867170]; isolecto E [E00276202]). ≡ **Pachycentria varingiaefolia** (Blume) Blume, *Flora* 14: 520. 1831.

Medinilla heteranthera var. *latifolia* King, J. Asiat. Soc. Bengal, Pt. 2, Nat. Hist. 69(1): 61. 1900. *Lectotype* (designated here): MALAYSIA, **Peninsular Malaysia**, [Perak state], Gunong Batu Puteh, 4500 ft., *L. Wray* 268 (lecto K [K000867173], designated here). ≡ **Pachycentria varingiaefolia** (Blume) Blume, *Flora* 14: 520. 1831.

Medinilla kemulensis Regalado, *Blumea* 35: 57, fig. 13 (1990). *Type*: INDONESIA, **Borneo**, [East Kalimantan province], West Koetai, Mt. Kemoel, 1600 m, 18.10.1925, *F.H. Endert* 4330 (holo K [K000277071]; iso BO [BO-1294123, BO-1294124], L [L 0537201]). ≡ **Heteroblemma kemulense** (Regalado) Cámara-Leret, Ridd.-Num. & Veldkamp, *Blumea* 58(3): 238. 2013.

Medinilla longistylis Mansf., Bot. Jahrb. Syst. 60: 123. 1925. *Lectotype* (designated here): PAPUA NEW GUINEA, **New Guinea**, [Sepik province], Jaduna, 300 m, 16.04.1909, *FR.R. Schlechter* 19258 (K [K000859596]; isolecto K [K000859595]). ≡ **Catanthera longistylis** (Mansf.) M.P.Nayar, Gard. Bull. Singapore 24: 353. 1969.

Medinilla lorata Stapf in Hook.f., Icon. Pl. 25: t. 2417. 1895. *Type*: MALAYSIA, **Borneo**, [Sarawak state], Kuching, October 1892, *C.D. Haviland* 1785 (holo K [K000277066, K000277067]). ≡ **Heteroblemma loratum** (Stapf) Cámara-Leret, Ridd.-Num. & Veldkamp, *Blumea* 58(3): 238. 2013.

Medinilla lysipetala (F.Muell.) Mansf., Bot. Jahrb. Syst. 60: 124. 1925. *Type*: PAPUA NEW GUINEA, **New Guinea**, [Central province], Sogeri, *H.O. Forbes* 419 (lecto BM *n.v.*, designated by Nayar

(1982: 52); isolecto CAL *n.v.*). ≡ **Catanthera lysipetala** F.Muell., J. Bot. 24: 289. 1886.

Medinilla maingayi C.B. Clarke in Hook.f., Fl. Brit. India 2: 549. 1879. *Lectotype* (designated here): MALAYSIA, **Peninsular Malaysia**, [Malacca state], *A.C. Maingay* 807 (2960) (K [K000867441]) ≡ **Pachycentria maingayi** (C.B. Clarke) J.F. Maxwell, Gard. Bull. Singapore 31: 203. 1978.

Medinilla muelleri Cogn. in A.D.C. & C.D.C., Monogr. Phan. 7: 1195. 1891. *Type*: PAPUA NEW GUINEA, **New Guinea**, [Central province], Yule Island, Mt. Yule, 3700 m, 15.12.1890, *F. von Mueller s.n.* (lecto BR [BR0000005195275]). ≡ **Astronidium** sp.

Medinilla ohwii M.P. Nayar, *Blumea* 18: 567. 1970. *Type*: INDONESIA, **Sumatra**, [Aceh province], Gayo Alas Lands, Mt. Goh Lembuh, 2700 m, 19.02.1937, *C.G.G.J. van Steenis* 8992 (holo L [L 0056319]; iso A [A00072464], BO [BO-1757299], K [K000867429]). ≡ **Pachycentria varingiaefolia** (Blume) Blume, *Flora* 14: 520. 1831.

Medinilla robusta Cogn. in A.D.C. & C.D.C., Monogr. Phan. 7: 576. 1891. *Lectotype* (designated by Kadereit, 2005: 137):: MALAYSIA, **Borneo**, [Sarawak state], Kuching, November 1871, *O. Beccari* PB 542 (FI [FI007953]; isolecto FI [FI007954], K [K000867419]). ≡ **Plethiandra robusta** (Cogn.) M.P. Nayar, Reinwardtia 9(1): 148. 1974.

Medinilla sandakanensis Regalado, *Blumea* 35(1): 63, fig. 15. 1990. *Type*: MALAYSIA **Borneo**, [Sabah state], Sandakan, Sepilok Forest Reserve, *PP. Sam* SAN 20602 (holo K [K000277068]; iso L [L 0537205], SAN *n.v.*). ≡ **Heteroblemma sandakanense** (Regalado) Cámara-Leret, Ridd.-Num. & Veldkamp, *Blumea* 58(3): 239. 2013.

Medinilla scandens King, J. Asiat. Soc. Bengal, Pt. 2, Nat. Hist. 69(1): 60. 1900. *Lectotype* (designated by Cámara-Leret et al., 2013: 234): MALAYSIA, **Peninsular Malaysia**, [Perak state], Larut, *King's collector* 1814 (CAL *n.v.*; isolecto BM *n.v.*, P [P05282951]). ≡ **Heteroblemma alternifolium** (Blume) Cámara-Leret, Ridd.-Num. & Veldkamp, *Blumea* 58(3): 234. 2013.

Medinilla serpens Stapf in Hooker, Icon. Pl. 25: t. 2411. 1895. *Type*: MALAYSIA, **Borneo**, [Sarawak state], near Kuching, 29.05.1896, *C.D. Haviland* & *C. Hose* 551 (holo K [K000277072, K000277073];

iso BO [BO-1414166]). ≡ **Heteroblemma serpens** (Stapf) Cámara-Leret, Ridd.-Num. & Veldkamp, *Blumea* 58(3): 239. 2013.

Medinilla tawaensis Merr., Univ. Calif. Publ. Bot. 15: 225. 1929. *Lectotype* (designated here): MALAYSIA, Borneo, [Sabah state], Tawao Elphinstone, A.D.E. Elmer 21490 (A [A00072470]; isolecto BO [BO-1766628], BR [BR0000005227570], C [C10014533], CAS [CAS0007326], CM [CM1534], K [K000859413], L [L 0008837], M [M0165523], MICH [MICH1111813], PH [PH00017143], S [S09-15039, S-G-3988], U [U0226553]). ≡ **Catanthera tawaensis** (Merr.) Regalado, *Blumea* 35(1): 64. 1990.

Medinilla vanraaltii Boerl. & Koord. in Koord.-Schum., Syst. Verz. 2: 47. 1911. *Type*: INDONESIA, Sumatra, Expeditie Yzerman Midden Sumatra, [Riau province], S.H. Koorders 22333β (holo BO). ≡ **Pachycentria pulverulenta** (Jack) Clausing, *Blumea* 45(2): 362. 2000.

Medinilla varingiaefolia (Blume) M.P.Nayar, *Blumea* 18: 569. 1970. *Lectotype*: (designated by Bakhuizen van den Brink, 1943: 127): INDONESIA, Java, [West Java province], G. Megamendoeng, 1800 m, H. Kuhl & J.C. van Hasselt s.n. (L [L 0537312]; isolecto E [E00276216], K [K000867241], L [L 0537310, L 0537311]). ≡ **Pachycentria varingiaefolia** (Blume) Blume, *Flora* 14: 520. 1831.

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Appendix 1. Table of all Malesian *Medinilla* names with status, distribution and type status (Accepted name in bold; Herbarium abbreviations for deposition follow Thiers, updated continuously).

Name	Accepted name when different from species	Distribution	Types, deposition and status
<i>Medinilla acrochordonocarpa</i> Merr.	Medinilla alpestris (Jack) Blume		see under <i>M. verrucosa</i> Baker f.
<i>Medinilla acuminata</i> Merr.	Medinilla astronoioides Triana		lecto US; isolecto G
<i>Medinilla affinis</i> Merr.	Medinilla quadrifolia (Blume) Blume		lecto A; isolecto F
Medinilla aggregata Bakh.f.		Borneo	holo U
Medinilla alata Baker f.		New Guinea [Jayawijaya Mts.]	holo BM
Medinilla albida Merr. & L.M.Perry		New Guinea	holo A; iso BO, BRI, L
<i>Medinilla albiflora</i> Merr.	Medinilla teysmannii Miq.		lecto MO; isolecto BM, F, L
Medinilla allantocalyx Regalado		Borneo [Sarawak]	holo L; iso K, KEP, MO, SAR
Medinilla alpestris (Jack) Blume		Thailand, Malay Peninsula, Sumatra, Java, Lesser Sunda Islands	neo BO; isoneo BO, E
<i>Medinilla alternifolia</i> Blume	Heteroblemma alternifolium (Blume) Cámara-Leret, Ridd.-Num. & Veldkamp		lecto L; isolecto K, L
<i>Medinilla amabilis</i> Dyer	Medinilla teysmannii Miq.		holo K
Medinilla amplexens Regalado		Borneo	holo MSC; iso GH, K, L, MO, NY, S, UKMS, US
Medinilla amplexicaulis Blume		Sumatra	lecto L; isolecto L, P
Medinilla amplifolia Merr.		Philippines [Luzon]	lecto US; isolecto FR, K, NY
<i>Medinilla angusto-acuminata</i> Bakh.f.	Medinilla rubrovenia Baker f.		holo L
Medinilla annulata C.B.Rob.		Sulawesi, Philippines	lecto US; isolecto K
Medinilla annulifera Ohwi		New Guinea [West Papua]	holo FU
<i>Medinilla anomala</i> Cogn.	Catanthera lysipetala F. Muell.		holo P; iso A, BM, K, L, MEL, P
Medinilla antonii Elmer		Philippines	lecto US; isolecto A, BISH, BO, CAS, K, L, MO, NY, U
Medinilla apayaoensis Merr.		Philippines [Luzon]	lecto US; isolecto A, BM, BO, CAL, K, L, NY, P

<i>Medinilla apoensis</i> C.B.Rob.		Philippines [Mindanao]	lecto US; isolecto NY
<i>Medinilla arfakensis</i> Baker f.		New Guinea	holo BM
<i>Medinilla astronoioides</i> Triana		Philippines	holo P; iso BM, BR, G-DC, K, L, M, MO, NY, P
<i>Medinilla atroviridis</i> Regalado		Borneo	holo K; iso A, L, SING
<i>Medinilla attenuata</i> Elmer	Medinilla erythrotricha Elmer		lecto US; isolecto BISH, BO, F, GH, HBG, L, MO, NY
<i>Medinilla aurantiflora</i> Elmer		Philippines	lecto US; isolecto A, BISH, BO, F, GH, HBG, K, L, MO, NY, U
<i>Medinilla auriculata</i> Lauterb.		New Guinea	lecto BO; isolecto K
<i>Medinilla bagobo</i> Elmer	Medinilla quadrifolia (Blume) Blume		lecto US; isolecto A, BISH, BO, F, HBG, K, L, MO, NY
<i>Medinilla bakeri</i> Elmer	Medinilla polillensis C.B.Rob.		nom. inval.
<i>Medinilla bakeriana</i> Mansf.		New Guinea	not found
<i>Medinilla bakhuiizenii</i> M.P.Nayar	Pachycentria varingiaefolia (Blume) Blume		holo K; iso K
<i>Medinilla banahaensis</i> Elmer		Philippines	lecto US; isolecto BISH, BO, CAL, CAS, F, G, GH, HBG, K, L, MO, NY, U
<i>Medinilla barbata</i> Bakh.f.	Heteroblemma barbatum (Bakh.f.) Cámara-Leret, Ridd.-Num. & Veldkamp		holo L; iso BO
<i>Medinilla beamanii</i> Regalado		Borneo [Sabah]	holo MSC; iso GH, K, L, NY, S, UKMS
<i>Medinilla beccariana</i> Cogn.		Borneo	lecto FI; isolecto FI
<i>Medinilla benguetensis</i> Elmer		Philippines [Luzon]	lecto US; isolecto A, BISH, BM, BO, CAS, F, G, HBG, K, L, MO, NY, U
<i>Medinilla bicolor</i> Merr.		Philippines [Mindanao]	not found
<i>Medinilla binaria</i> Elmer		Philippines	lecto US; isolecto A, BISH, BO, F, GH, HBG, K, L, MO, NY, U
<i>Medinilla bisetosa</i> Bakh.f.	Heteroblemma bisetosum (Bakh.f.) Cámara-Leret, Ridd.-Num. & Veldkamp		holo L; iso BM, BO
<i>Medinilla bismarck-ramuensis</i> W.N.Takeuchi		New Guinea	holo LAE; iso A, K, L

Medinilla boemiensis Kaneh. & Hatus. ex Ohwi		New Guinea	holo FU; iso A, BO
<i>Medinilla bolsteri</i> Merr.	Medinilla astronioides Triana		lecto US; isolecto K, NY
<i>Medinilla borneensis</i> Blume	Medinilla macrophylla Blume		lecto L
Medinilla botryocarpa Regalado		Borneo	holo K; iso L, SAN, SAR, SING
Medinilla bracteata Blume		Maluku, New Guinea	lecto L; isolecto E
Medinilla brassii Markgr.		New Guinea	holo B; iso A, K, L, NY
Medinilla berastagiensis Karton.		Sumatra	lecto K
<i>Medinilla brevipedunculata</i> Elmer	Medinilla annulata C.B.Rob.		lecto G; isolecto BO
Medinilla brevipes Merr.		Philippines	neo US; isoneo K
Medinilla buennemeyeri Bakh.f.		Sumatra	holo L; iso BO
<i>Medinilla bulusanensis</i> Elmer	Medinilla myrtiformis (Naudin) Triana		nom. inval.
<i>Medinilla burebidensis</i> Elmer	Medinilla malindangensis Merr.		lecto US; isolecto A, BISH, BO, CAS, F, GH, HBG, K, L, MO, NY, U
Medinilla calcicola Merr.		Philippines [Luzon]	lecto US; isolecto CAS, CM, E, F, GH, K
Medinilla calelanensis Elmer		Philippines [Mindanao]	lecto US; isolecto A, BISH, BO, CAS, F, K, L, MO, NY, U
<i>Medinilla camiguinensis</i> Merr.	Medinilla multiflora Merr.		lecto US
<i>Medinilla canlaonensis</i> Merr.	Medinilla multiflora Merr.		neo A
<i>Medinilla capillipes</i> Regalado	Heteroblemma capillipes (Regalado) Cámara-Leret, Ridd.-Num. & Veldkamp		holo K; iso L, MO, SAN, SAR
Medinilla capitata Merr.		Philippines [Dinagat]	lecto US; isolecto A, BO, K, L, UC
<i>Medinilla cardiophylla</i> Merr.	Medinilla myrtiformis (Naudin) Triana		lecto US
<i>Medinilla caudatifolia</i> O.Schwartz	Medinilla rubicunda (Jack) Blume		holo HBG; iso BO, C, P
<i>Medinilla cauliflora</i> Merr.	Medinilla aurantiflora Elmer		lecto US
Medinilla celebica Blume		Sulawesi	lecto L
Medinilla cephalophora Merr.		Philippines	lecto UC
Medinilla ceramensis Bakh.f.		Maluku [Seram]	holo L; iso BO

<i>Medinilla chionantha</i> Stapf	Medinilla venusta King		holo K
Medinilla clarkei King		Malay Peninsula, Sumatra	lecto E; isolecto GH, L, SING
Medinilla clathrata Bodegom		New Guinea	holo LAE; iso L, LTB
Medinilla clemensiana Regalado		Borneo [Mt. Kinabalu]	holo BM; iso A, BO, HBG, NY
Medinilla clementis Merr.		Philippines	neo PNH; isoneo A, L
<i>Medinilla coccinea</i> Baker f.	Medinilla maidenii F.Muell.		holo BM
<i>Medinilla cogniauxii</i> Merr.	Medinilla setigera (Blume) Miq.		holo K; iso C, E, G-DC, L
<i>Medinilla cogniauxii</i> var. <i>angustifolia</i> Merr.	Medinilla setigera (Blume) Miq.		lecto US; isolecto BO, K, NY
<i>Medinilla compacta</i> Bakh.f.	Medinilla novoguineensis Baker f.		holo L; iso BO
Medinilla compressicaulis Merr.		Philippines [Luzon]	lecto US; isolecto K
<i>Medinilla confertiflora</i> Merr.	Medinilla aurantiflora Elmer		lecto US; isolecto A, K
<i>Medinilla confluentinervia</i> Elmer	Medinilla apoensis C.B.Rob.		lecto US; isolecto BISH, BO, E, F, G, GH, HBG, K, L, MO, NY, U
<i>Medinilla confusa</i> Merr.	Medinilla multiflora Merr.		neo US; isoneo K, L, NY
Medinilla congesta Merr.		Philippines	lecto US
Medinilla copelandii Merr.		Philippines [Mindanao]	neo US
Medinilla corallina Cogn.		Borneo	holo FI; iso BR
Medinilla cordata Merr.		Philippines	lecto US; isolecto K, NY
<i>Medinilla cordatifolia</i> Elmer	Medinilla clementis Merr.		lecto US; isolecto A, BISH, BO, E, F, G, GH, HBG, L, MO, NY, U
Medinilla coriacea Merr.		Philippines	lecto US; isolecto F, K, NY
Medinilla corneri Regalado		Borneo [Mt. Kinabalu]	holo K; iso L, SING
Medinilla coronata Regalado		Philippines [Luzon]	holo P
Medinilla crassata Elmer		Philippines [Luzon]	lecto L; isolecto BO, E, F, HBG, NY
<i>Medinilla crassifolia</i> (Reinw. ex Blume) Blume	Medinilla rubicunda (Jack) Blume		lecto L; isolecto E, K

<i>Medinilla crassifolia</i> var. <i>diaphana</i> (Blume) Blume	Medinilla rubicunda (Jack) Blume		lecto L
Medinilla crassinervia Blume		Sulawesi, Maluku, New Guinea	lecto L; isolecto L
<i>Medinilla crassiramea</i> M.R.Hend.	Medinilla perakensis King		holo SING; iso BO, K, NY
Medinilla crassiuscula Ohwi		New Guinea	holo FU
Medinilla crispata (L.) Blume		Sulawesi, Maluku	Rumphius Herbarium Amboinense vol. 5, tab. 35, fig. 1
Medinilla cuernosensis Elmer		Philippines	lecto US; isolecto A, BISH, BO, CAS, E, F, HBG, K, L, MO, NY, U
Medinilla cummingii Naudin		Philippines [Luzon]	holo P; iso BR, E, K, L
Medinilla curranii Merr.		Philippines [Luzon]	lecto US
<i>Medinilla curtiflora</i> Elmer	Medinilla setigera (Blume) Miq.		nom. inval.
Medinilla curtisii Hook.f.		Sumatra	holo K
<i>Medinilla cuspidata</i> Blume	Medinilla rubicunda (Jack) Blume)		lecto L
<i>Medinilla dajakorum</i> O.Schwartz	Medinilla corallina Cogn.		holo HBG
Medinilla dallciana Fernando & Balete		Philippines [Luzon]	holo CAHUP; iso K, PNH
<i>Medinilla dallmannensis</i> Kaneh. & Hatus. ex Ohwi	Medinilla auriculata Lauterb.		holo FU; iso A, BO
Medinilla danumensis Regalado		Borneo [Sabah]	holo L; iso K, SAN
<i>Medinilla decurrens</i> Cogn.	Heteroblemma decurrens (Cogn.) Cámara-Leret, Ridd.-Num. & Veldkamp		holo FI; iso BR
Medinilla dentata Veldkamp		New Guinea	holo L; iso A, CANB, LAE
<i>Medinilla dispar</i> Cogn.	Driessenia dispar (Cogn.) C.Hansen		holo BR; iso BO, K, P, WRSL
Medinilla disparifolia C.B.Rob.		Philippines [Luzon]	lecto K
Medinilla dolichophylla Merr.		Philippines [Luzon]	lecto US; isolecto K, NY
<i>Medinilla driessenioides</i> Bakh.f.	Driessenia minutiflora O.Schwartz		holo L; iso BM
<i>Medinilla dumosa</i> Ridl.	Medinilla ridleyi Merr.		see <i>M. ridleyi</i>
<i>Medinilla duodecandra</i> Merr.	Medinilla quadrifolia (Blume) Blume		lecto US; isolecto A, CAS, CM, E, F, GH, MIN, UC

<i>Medinilla elegans</i> Elmer		Philippines [Mindanao]	lecto US; isolecto A, BISH, BO, E, F, GH, HBG, K, L, MO, NY, U
<i>Medinilla elmeri</i> Merr.	<i>Medinilla pendula</i> Merr.		lecto US; isolecto K, NY
<i>Medinilla endertii</i> Regalado		Borneo	holo L; iso A, BO
<i>Medinilla engganensis</i> Bakh.f.		Sumatra [Enggano]	holo L; iso BO
<i>Medinilla epiphytica</i> Merr.	<i>Medinilla ovalis</i> Merr.		lecto K; isolecto G
<i>Medinilla ericoidea</i> Steenis		New Guinea	holo L; iso BO
<i>Medinilla erythrotricha</i> Elmer		Philippines [Mindanao]	lecto US; isolecto A, BISH, BO, CAS, DS, E, F, GH, HBG, K, L, MO, NY, U
<i>Medinilla exigua</i> Merr. & L.M.Perry		New Guinea	holo A; iso BO, BRI, L
<i>Medinilla eximia</i> (Jack) Blume		Nicobar, Malay Peninsula, Sumatra, Java, Lesser Sunda, Borneo, Sulawesi, Maluku	neo L; isoneo BO
<i>Medinilla fasciculata</i> Cogn.	<i>Medinilla triplinervia</i> Cogn.		see <i>M. triplinervia</i>
<i>Medinilla fasciculiflora</i> Ohwi		New Guinea	holo FU
<i>Medinilla fenicis</i> Merr.		Philippines [Luzon]	lecto US; isolecto A, BO, K, L, NY
<i>Medinilla ferruginea</i> Merr.		Philippines	lecto US; isolecto A, K
<i>Medinilla ferruginescens</i> Ohwi		New Guinea	holo FU; iso A
<i>Medinilla flagellata</i> Stapf	<i>Heteroblemma flagellatum</i> (Stapf) Cámara-Leret, Ridd.- Num. & Veldkamp		holo K
<i>Medinilla floribunda</i> Cogn.	<i>Medinilla macrophylla</i> Blume		holo FI
<i>Medinilla forbesii</i> Baker f.		New Guinea	lecto BM
<i>Medinilla formanii</i> Regalado	<i>Heteroblemma formanii</i> (Regalado) Cámara-Leret, Ridd.-Num. & Vedkamp		holo K; iso BO, L, US
<i>Medinilla fragilis</i> Regalado		Borneo [Sarawak]	holo K; iso L, SAN, SAR
<i>Medinilla frodinii</i> Bodegom		New Guinea	holo L; iso K, UPNG
<i>Medinilla furfuracea</i> Merr.		Philippines	lecto US; isolecto K
<i>Medinilla gibbifolia</i> Ohwi	<i>Pachycentria pulverulenta</i> (Jack) Clausing		holo FU; iso A

<i>Medinilla gitingensis</i> Elmer	Medinilla pendula Merr.		lecto US; isolecto A, BISH, BO, CAS, E, F, GH, HBG, K, L, MO, NY, U
Medinilla glandulosa Bodegom		New Guinea	holo L; iso K, LAE, US
<i>Medinilla gracilipes</i> Merr. (1913: 236)	Medinilla crassata Elmer		lecto M; isolecto K
<i>Medinilla gracilipes</i> Merr. (1913: 249)	Medinilla tenuipes Merr.		see <i>M. tenuipes</i>
Medinilla gracilis Veldkamp		New Guinea	holo L; iso A, CANB
Medinilla grandifolia Bodegom		New Guinea	holo L; iso LAE
<i>Medinilla gratiosa</i> Stapf	Medinilla venusta King		holo K; iso L
Medinilla halconensis Merr.		Philippines	lecto US; isolecto G, K
Medinilla halogeton S.Moore		New Guinea [Admiralty Islands]	holo BM; iso K
<i>Medinilla hasseltii</i> Blume	Medinilla rubicunda (Jack) Blume		lecto L; isolecto S
<i>Medinilla hasseltii</i> var. <i>griffithii</i> C.B.Clarke	Medinilla scortechinii King		holo K
<i>Medinilla hasseltii</i> var. <i>subsessilis</i> O.Schwartz	Medinilla rubicunda (Jack) Blume		holo HBG
Medinilla hellwigiana Mansf.		New Guinea [Jayawijaya Mts.]	lecto L
<i>Medinilla heteranthera</i> King	Pachycentria varingiaefolia (Blume) Blume		lecto K; isolecto E
<i>Medinilla heteranthera</i> var. <i>latifolia</i> King	Pachycentria varingiaefolia (Blume) Blume		lecto K
Medinilla hexamera Baker f.		New Guinea [Jayawijaya Mts.]	holo BM
<i>Medinilla hirsuta</i> Merr.	Medinilla erythrotricha Elmer		lecto US
Medinilla hollrungiana Mansf.		New Guinea	not found
Medinilla homoeandra (Stapf) M.P.Nayar		Borneo	holo K; iso K
<i>Medinilla horsfieldii</i> Miq.	Medinilla laurifolia (Blume) Blume		lecto K; isolecto K, U
<i>Medinilla horsfieldii</i> var. <i>ovalis</i> Miq.	Medinilla laurifolia (Blume) Blume		lecto L; isolecto U
Medinilla humilis Teijsm. & Binn.		Sulawesi	holo L
Medinilla hypericifolia (Blume) Blume		Sumatra, Java	lecto L; isolecto E
<i>Medinilla inaequalis</i> Miq.	Medinilla rubicunda (Jack) Blume		lecto K; isolecto U

Medinilla inaequifolia C.B.Rob.		Philippines	lecto US; isolecto K, NY
Medinilla insignis Mansf.		New Guinea	not found
Medinilla interiadiens Bodegom		New Guinea	holo L; iso LAE
Medinilla intermedia Blume		Java	lecto L
<i>Medinilla involucrata</i> Merr.	Medinilla setigera (Blume) Miq.		lecto US; isolecto K, NY
<i>Medinilla javanensis</i> (Blume) Blume	Medinilla alpestris (Jack) Blume		lecto L; isolecto E
Medinilla kanehirae Ohwi		New Guinea	holo FU; iso A, BO
Medinilla kaniensis Mansf.		New Guinea [Papua New Guinea]	lecto BM; isolecto A, BRI, C, K, L, S
<i>Medinilla kemulensis</i> Regalado	Heteroblemma kemulense (Regalado) Cámara-Leret, Ridd.-Num. & Veldkamp		holo K; iso BO, L
Medinilla kinabaluensis Regalado		Borneo [Mt. Kinabalu]	holo UC; iso A, BM, BO, K, L, NY, SING
Medinilla korinchensis Ridl.		Sumatra [Kerinci]	not found
<i>Medinilla korthalsii</i> Blume	Medinilla succulenta (Blume) Blume)		lecto L
<i>Medinilla kuhlii</i> Blume	Medinilla alpestris (Jack) Blume		lecto L; isolecto L
Medinilla lagunae S.Vidal		Philippines	holo K; iso BR, L
Medinilla lasiocladus Stapf		Borneo [Mt. Kinabalu]	holo K
Medinilla lateralis Merr.		Philippines [Mindanao]	neo US
Medinilla latericia Regalado		Borneo [Sarawak]	holo K; iso L, SAR
Medinilla laurifolia (Blume) Blume		Sumatra, Java, Sulawesi	lecto L; isolecto E, K, L
Medinilla lauterbachiana Mansf.		Maluku, New Guinea	lecto BO; isolecto BO, K, L
Medinilla laxiflora Ridl.		Borneo [Sarawak]	holo K; iso BM, BO, GH, L, UC
Medinilla ledermannii Mansf.		New Guinea	lecto L
Medinilla lenticellata Bodegom		New Guinea	holo L; iso A, BRI, CANB, K, LAE
Medinilla leucantha Merr. & L.M.Perry		New Guinea	holo A; iso BO, BRI, L
Medinilla leytensis Merr.		Philippines	lecto A; isolecto GH, NY
<i>Medinilla loheri</i> Merr.	Medinilla disparifolia C.B.Rob.		lecto K
<i>Medinilla longidens</i> Merr.	Medinilla halconensis Merr.		lecto US; isolecto K, NY, P

Medinilla longifolia Cogn.		New Guinea	lecto FI; iso BR
Medinilla longipedunculata Cogn.		Borneo [Sarawak]	holo FI
<i>Medinilla longipes</i> Merr.	Medinilla annulata C.B.Rob.		lecto MO; isolecto A, F
<i>Medinilla longistylis</i> Mansf.	Catanthera longistylis (Mansf.) M.P.Nayar		lecto K; isolecto K
<i>Medinilla lorata</i> Stapf	Heteroblemma loratum (Stapf) Cámara-Leret, Ridd.-Num. & Veldkamp		holo K
Medinilla lordbergiana Mansf.		New Guinea	not found
Medinilla lorentziana Mansf.		New Guinea	lecto BO; isolecto L
<i>Medinilla lorentziana</i> var. <i>suffruticosa</i> Mansf.	Medinilla lorentziana Mansf.		lecto BO; isolecto K, L
<i>Medinilla luzonensis</i> Hook.f. ex Triana	Medinilla venosa (Blume) Blume		holo K
<i>Medinilla lysipetala</i> (F.Muell.) Mansf.	Catanthera lysipetala F.Muell.		lecto BM; isolecto CAL
<i>Medinilla macgregorii</i> Merr.	Medinilla cordata Merr.		lecto US; isolecto L
<i>Medinilla macrocarpa</i> Blume	Medinilla crassinervia Blume		lecto L; isolecto E
Medinilla macrophylla Blume		Sumatra, Borneo, Sulawesi, Maluku	lecto L; isolecto L
Medinilla magnifica Lindl.		Philippines	holo K
Medinilla maidenii F.Muell.		New Guinea	holo MEL
<i>Medinilla maingayi</i> C.B.Clarke	Pachycentria maingayi (C.B.Clarke) J.F.Maxwell		lecto K
Medinilla malaboensis Bakh.f.		Sulawesi	holo L; iso BO
Medinilla malabrigoi Z.D.Meneses, Adorador & Quakenbush		Philippines [Samar]	holo PNH; iso CAHUP, LBC
Medinilla malindangensis Merr.		Philippines	lecto US; isolecto K, NY
Medinilla maluensis Mansf.		New Guinea [Papua New Guinea]	lecto SING
Medinilla mansfeldiana Merr. & L.M.Perry		New Guinea	holo A; iso K, NY
<i>Medinilla mansfeldii</i> Bakh.f.	Medinilla alata Baker f.		holo L
Medinilla markgrafii Merr. & L.M.Perry		New Guinea	holo NY; iso A, BRI
Medinilla markgrafii var. <i>insularis</i> Bodegom		New Guinea	holo L; iso K
Medinilla matthewii Ridl.		Sumatra	holo K
Medinilla mearnsii Merr.		Philippines [Mindanao]	lecto US

Medinilla megacalyx Merr.		Philippines [Luzon]	lecto US; isolecto K, NY
<i>Medinilla megacarpa</i> Merr.	Medinilla merrittii Merr.		lecto G
Medinilla membranacea Merr.		Philippines [Luzon]	lecto K; isolecto A, BM, BO, NY, US
<i>Medinilla merrillii</i> Elmer	Medinilla pendula Merr.		lecto US; isolecto A, BO, E, F, GH, HBG, K, L, MO, NY, U
Medinilla merrittii Merr.		Philippines	lecto US
<i>Medinilla micrantha</i> Ridl.	Medinilla berastagiensis Karton.		see <i>M. berastagiensis</i>
Medinilla microcephala Regalado		Philippines	lecto US; isolecto K
<i>Medinilla microphylla</i> Merr.	Medinilla halconensis Merr.		lecto US; isolecto G, K, NY, P
<i>Medinilla minahassae</i> Koord.	Medinilla quadrifolia (Blume) Blume		holo BO; iso L
<i>Medinilla mindanaensis</i> Merr.	Medinilla quadrifolia (Blume) Blume		lecto US; isolecto K, NY
Medinilla mindorensis Merr.		Philippines	lecto US
Medinilla miniata Merr.		Philippines	lecto MO; isolecto A, CAS, F, GH
Medinilla minutibracteata Bodegom		New Guinea	holo L; iso A, CANB, LAE
Medinilla minutifolia Bodegom		New Guinea	holo L; iso A, BISH, BRI, CANB, E, K, LTB, M, UPNG
<i>Medinilla mirandae</i> Merr.	Medinilla quadrifolia (Blume) Blume		lecto BM
<i>Medinilla monantha</i> Merr.	Medinilla myrtiformis (Naudin) Triana		lecto US; isolecto BO
<i>Medinilla monantha</i> var. <i>papuana</i> (Baker f.) Mansf.	Medinilla dentata Veldkamp		see <i>M. myrtiformis</i> var. <i>papuana</i>
<i>Medinilla monantha</i> var. <i>subuninervis</i> Mansf.	Medinilla dentata Veldkamp		lecto B; isolecto L
Medinilla montana Cogn.		New Guinea	holo FI; iso BR
Medinilla montisaping Regalado		Borneo [Sarawak]	holo K
<i>Medinilla motleyi</i> Hook.f. ex Triana	Medinilla macrophylla Blume		lecto K
Medinilla mucronata Koord. ex Bakh.f.		Sulawesi	holo L; iso BO
<i>Medinilla muelleri</i> Cogn.	Astronidium sp.		lecto BR
Medinilla multialata Quisumb. & Merr.		Philippines [Mindanao]	lecto US; isolecto BO, K, NY, UC

Medinilla multibracteata Bodegom		New Guinea [Papua New Guinea]	holo L; iso BRI, CANB, LAE
Medinilla multiflora Merr.		Philippines	lecto US; isolecto K, NY
Medinilla multinervia Merr.		Philippines [Leyte]	lecto US; isolecto BM, G, K
Medinilla muricata Blume		Sumatra, Borneo, Sulawesi	lecto L
Medinilla musofo K.Schum. & Lauterb.		New Guinea	not found
<i>Medinilla myriantha</i> Merr.	Medinilla multiflora Merr.		lecto US; isolecto K, NY
<i>Medinilla myrmecorhiza</i> Regalado	Medinilla sessilifolia Merr.		holo L; iso K
Medinilla myrtiformis (Naudin) Triana		Sulawesi, Maluku, Philippines	holo P; iso BR, E, G-DC, K, L, MW, NY, P
<i>Medinilla myrtiformis</i> var. <i>papuana</i> Baker f.	Medinilla dentata Veldkamp		holo BM
Medinilla nabirensis Karton.		New Guinea	holo FU; iso A
Medinilla napiformis Bakh.f.		New Guinea	holo L; iso BO, K, U
<i>Medinilla naudinii</i> Triana	Medinilla rubicunda (Jack) Blume		holo P
<i>Medinilla neglecta</i> M.P.Nayar	Medinilla rubrifructus Ohwi		holo K; iso A, BO, BRI, L
<i>Medinilla negro</i> Elmer	Medinilla astronioides Triana		lecto GH; isolecto A, B, BO, C, K, L, LE, MICH, MO, NY, UC
<i>Medinilla negrosensis</i> Elmer	Medinilla multiflora Merr.		lecto US; isolecto A, BO, CAS, GH, K, L, MO, NY, U
<i>Medinilla nervulosa</i> Baker f.	Medinilla alata Baker f.		holo BM
<i>Medinilla nidularis</i> Markgr.	Medinilla maidenii F.Muell.		holo A
<i>Medinilla nodiflora</i> C.B.Rob.	Medinilla polillensis C.B.Rob.		lecto G; isolecto K
Medinilla novoguineensis Baker f.		New Guinea [Jayawijaya Mts.]	holo BM
Medinilla oblanceolata Merr.		Philippines [Panay]	lecto US; isolecto A, K
Medinilla obovata Merr.		Philippines	lecto US
Medinilla obreensis Mansf.		New Guinea	not found
<i>Medinilla ohwii</i> M.P.Nayar	Pachycentria varingiaefolia (Blume) Blume		holo L; iso A, BO, K
<i>Medinilla oligantha</i> Merr.	Medinilla cuernosensis Elmer		lecto A; isolecto F

<i>Medinilla ovalis</i> Merr.		Philippines	neo PNH; isoneo A, L
<i>Medinilla pachygonia</i> C.B.Rob.		Philippines [Luzon]	lecto US; isolecto GH, K, NY
<i>Medinilla pachyphylla</i> Elmer	<i>Medinilla quadrifolia</i> (Blume) Blume		nom. inval.
<i>Medinilla pachyphylla</i> Kaneh. & Hatus. ex Ohwi	<i>Medinilla nabirensis</i> Karton.		See <i>M. nabirensis</i>
<i>Medinilla pahangensis</i> Ridl.	<i>Medinilla clarkei</i> King		lecto BM; isolecto K, SING
<i>Medinilla palawanensis</i> Regalado		Philippines [Palawan]	holo L; iso A, BO, K
<i>Medinilla pallida</i> Cogn.	<i>Medinilla hypericifolia</i> (Blume) Blume		holo FI; iso K, L
<i>Medinilla panayensis</i> Merr.		Philippines [Panay]	lecto US
<i>Medinilla paniculata</i> Mansf.		New Guinea	not found
<i>Medinilla papuana</i> Scheff.		New Guinea	holo BO; iso BR
<i>Medinilla papulosa</i> Ohwi		New Guinea	holo FU
<i>Medinilla parva</i> Merr.		Philippines [Luzon]	not found
<i>Medinilla parvibractea</i> Merr.		Philippines	lecto NY
<i>Medinilla patens</i> Ridl.		Sumatra [Kerinci]	holo BM
<i>Medinilla pedunculosa</i> Ohwi ex Regalado		Borneo [West Kalimantan]	holo BO
<i>Medinilla peekelii</i> Mansf.		New Guinea [New Ireland]	not found
<i>Medinilla pellita</i> Veldkamp & Karton.		Maluku, New Guinea	holo L; iso BO
<i>Medinilla peltata</i> Merr.		Philippines	lecto US; isolecto K
<i>Medinilla pendens</i> Ridl.		Peninsular Malaysia	lecto K; isolecto K
<i>Medinilla pendula</i> Merr.		Philippines	lecto US; isolecto BO, K, NY, PNH
<i>Medinilla penduliflora</i> Ridl.		Southern Thailand, Peninsular Malaysia	lecto K
<i>Medinilla peninsula</i> Elmer	<i>Medinilla cummingii</i> Naudin		nom. inval.
<i>Medinilla perakensis</i> Ridl.		Peninsular Malaysia	lecto K; isolecto SING
<i>Medinilla permicrophylla</i> Elmer	<i>Medinilla malindangensis</i> Merr.		lecto US; isolecto A, BISH, BO, CAS, DS, E, F, GH, HBG, K, L, MO, NY, U
<i>Medinilla philippensis</i> Champ. & Schltld. ex Merr.	<i>Medinilla venosa</i> (Blume) Blume		neo US; isoneo K
<i>Medinilla pinnatinervia</i> Merr.		Philippines [Luzon]	lecto US

<i>Medinilla piperoides</i> Elmer	Medinilla merrittii Merr.		nom. inval.
Medinilla plumosa Mansf.		New Guinea	lecto A; isolecto BRI, C, K, L, NY
Medinilla polillensis C.B.Rob.		Philippines	lecto US; isolecto K
<i>Medinilla polisensis</i> Merr.	Medinilla clementis Merr.		lecto US
<i>Medinilla polyantha</i> Korth.	Medinilla quadrifolia (Blume) Blume		lecto L
Medinilla porphyrandra Ridl.		Sumatra [Kerinci]	holo BM
Medinilla pterocaula Blume		Malay Peninsula, Sumatra, Java, Borneo, Sulawesi, Maluku	lecto L; isolecto K, S
Medinilla pulleana Mansf.		New Guinea [Jayawijaya Mts.]	lecto BO; isolecto K, L
<i>Medinilla pulogensis</i> Merr.	Medinilla whitfordii Merr.		lecto US; isolecto K
<i>Medinilla pumilis</i> Elmer	Medinilla copelandii Merr.		lecto E; isolecto BISH, BM, BO, F, HBG, L, MO, NY, U
Medinilla punicea Bodegom		New Guinea	holo L; iso BRI, CANB, LAE, LTB, UPNG
Medinilla purpurea Elmer ex Merr.		Philippines	lecto US; isolecto A, BISH, K, L, NY
Medinilla pycnantha Quisumb. & Merr.		Philippines [Luzon]	lecto US; isolecto A, BM, BO, K, NY, P, UC
Medinilla quadrialata Ohwi ex Regalado		Borneo	holo K; iso L, SAN
Medinilla quadrifolia (Blume) Blume		Malay Peninsula, Sumatra, Java, Borneo, Philippines	lecto L; isolecto E, K
Medinilla quintuplinervis Cogn.		New Guinea	lecto BR
Medinilla radicans (Blume) Blume		Java, Lesser Sunda Islands	lecto L; isolecto K, L
Medinilla radicyflora Quisumb. & Merr.		Philippines [Mindanao]	lecto US; isolecto K, NY, UC
Medinilla ramiflora Merr.		Philippines	lecto US; isolecto F, K, NY
Medinilla rhodorachis Baker f.		New Guinea [Biak]	holo BM; iso L
Medinilla richardsii Regalado		Borneo [Sarawak]	holo K
Medinilla ridleyi Merr.		Sumatra	holo K
Medinilla robinsonii Elmer		Philippines	lecto L; isolecto BISH, BO, E, F, HBG, MO, NY

<i>Medinilla robusta</i> Cogn.	Plethiandra robusta (Cogn.) M.P.Nayar		lecto FI; isolecto FI, K
Medinilla robusticaulis Bakh.f.		Sumatra	holo L; iso BO
<i>Medinilla rolfei</i> Merr.	Medinilla robinsonii Elmer		lecto K
<i>Medinilla rotundifolia</i> Elmer	Medinilla coriacea Merr.		lecto US; isolecto BISH, BO, CAS, E, F, GH, HBG, L, MICH, MO, NY, U
Medinilla rubicunda (Jack) Blume		Malay Peninsula, Sumatra, Java, Borneo, Sulawesi, Philippines	neotype BO; isoneo SING
Medinilla rubiginosa Cogn.		New Guinea	holo FI; iso BR
<i>Medinilla rubrifolia</i> Mansf.	Medinilla maidenii F.Muell.		lecto BO; isolecto BO
Medinilla rubrifrons Regalado		Borneo	holo A; iso BM, BO, K, L, NY, UC
Medinilla rubrifructus Ohwi		New Guinea	holo FU
Medinilla rubrovenia Baker f.		New Guinea [Jayawijaya Mts.]	holo BM
Medinilla rufescens Regalado		Borneo [Sarawak]	holo K; iso A, BO, L, SAN, SAR
Medinilla rufopilosa Ohwi ex Regalado		Borneo	holo K; iso L, SAN, SAR, SING
Medinilla salicifolia Blume		Java	lecto L
Medinilla salicina Ohwi ex Regalado		Borneo	holo K; iso L, SAR
<i>Medinilla sandakanensis</i> Regalado	Heteroblemma sandakanense (Regalado) Cámara-Leret, Ridd.-Num. & Veldkamp		holo K; iso L, SAN
<i>Medinilla sapoi-riverensis</i> W.N.Takeuchi	Medinilla longifolia Cogn.		holo LAE; iso A, BISH, BRI, CANB, K, L
<i>Medinilla scandens</i> King	Heteroblemma alternifolium (Blume) Cámara-Leret, Ridd.- Num. & Veldkamp		lecto CAL; isolecto BM, P
Medinilla schlechteri Mansf.		New Guinea	lecto K; isolecto A, K, NY
Medinilla schraderbergensis Mansf.		New Guinea	not found
Medinilla schumanniana Mansf.		New Guinea	lecto SING
Medinilla scortechinii King		Peninsular Malaysia	lecto K; isolecto A, E, K, L
Medinilla selangorensis J.F.Maxwell		Peninsular Malaysia	holo K; iso L

<i>Medinilla septuplinervia</i> Cogn.	Medinilla alpestris (Jack) Blume		holo FI; iso K, L
<i>Medinilla serpens</i> Stapf	Heteroblemma serpens (Stapf) Cámara-Leret, Ridd.-Num. & Veldkamp		holo K; iso BO
Medinilla sessiliflora Regalado		Borneo	holo BM; iso L, US
Medinilla sessilifolia Merr.		Borneo, Philippines	lecto BM
Medinilla setiflora Bodegom		New Guinea	holo L; iso A, BO, BRI, CANB, K, LAE, NSW, SING
Medinilla setigera (Blume) Miq.		Sumatra, Borneo, Philippines	lecto L
<i>Medinilla sieboldiana</i> Planch.	Medinilla eximia (Jack) Blume		not traced
Medinilla simplicymosa Malabrigo, A.G.Umali & B.Tobias		Philippines [Palawan]	holo LBC; iso CAHUP, EBL, PNH
Medinilla sogeriensis Baker f.		New Guinea	lecto BM; isolecto A, BM, K, L
<i>Medinilla sorsogonensis</i> Merr.	Medinilla polillensis C.B.Rob.		lecto US; isolecto A, K
<i>Medinilla speciosa</i> Reinw. ex Blume	Medinilla eximia (Jack) Blume		lecto L
Medinilla squillula Veldkamp		Maluku [Halmahera]	holo L; iso BO, G, MO
Medinilla stenobotrys Merr.		Philippines [Luzon]	lecto US; isolecto A, K, NY
Medinilla stephanostegia Regalado		Borneo [Mt. Kinabalu]	holo K
Medinilla subalata Baker f.		New Guinea [Jayawijaya Mts.]	holo BM
Medinilla subauriculata Regalado		Borneo	holo K; iso A, L, SAR, SING
<i>Medinilla subdolichophylla</i> Elmer	Medinilla dolichophylla Merr.		lecto US; isolecto BISH, BO, E F, G, HBG, L, MO, NY
Medinilla suberosa Regalado		Borneo [Mt. Kinabalu]	holo BM; iso A, BO, K, L, NY
<i>Medinilla subsessilis</i> Merr.	Medinilla pendula Merr.		lecto K; isolecto G, P
<i>Medinilla subumbellata</i> Merr.	Medinilla quadrifolia (Blume) Blume		lecto US; isolecto G, NY
Medinilla succulenta (Blume) Blume		Malay Peninsula, Sumatra, Java, Borneo, Sulawesi, Maluku	lecto L
Medinilla sulcata Quisumb. & Merr.		Philippines [Luzon]	lecto US; isolecto A, K, NY, UC

<i>Medinilla sumatrana</i> Baker f.	Medinilla alpestris (Jack) Blume		holo BM; iso L
Medinilla surigaoensis Regalado		Philippines	holo UC; iso A, BO, BR, CAS, K, MO, NY
Medinilla tapete-magicum Cámara-Leret & Veldkamp		Sulawesi	holo L
<i>Medinilla tawaensis</i> Merr.	Catanthera tawaensis (Merr.) Regalado		lecto A; isolecto BO, BR, C, CAS, CM, K, L, M, MICH, PH, S, U
Medinilla tayabensis Merr.		Philippines [Luzon]	lecto US; isolecto BM, K, P
Medinilla tenuicaulis Ridl.		Sumatra [Kerinci]	lecto BM; isolecto K
Medinilla tenuipedicellata Baker f.		New Guinea	holo BM
Medinilla tenuipes Merr.		Philippines	lecto K; isolecto G
Medinilla ternatensis Miq.		Sulawesi, Maluku	lecto U; isolecto BO
Medinilla ternifolia Triana		Philippines	neo US
Medinilla tetraptera Ohwi		New Guinea	holo FU; iso A, BO
Medinilla teysmannii Miq.		Sulawesi, Maluku, Philippines	lecto U; isolecto BO, K, L
Medinilla theresae Fernando		Philippines	holo PNH; iso LBC, PUH
Medinilla torricellensis Mansf.		New Guinea	lecto BM; isolecto K
<i>Medinilla trianae</i> Merr.	Medinilla quadrifolia (Blume) Blume		lecto US; isolecto JE, U
Medinilla trinervia Cogn.		New Guinea	holo FI; iso BR
Medinilla triochiton Bodegom		New Guinea	holo L; iso A, CANB, K, LAE
Medinilla triplinervia Cogn.		New Guinea	holo FI; iso BR
<i>Medinilla trunciflora</i> Merr.	Medinilla aurantiflora Elmer		See. <i>M. cauliflora</i> Merr.
Medinilla ultramaficola Quakenbush, Y.P. Ang & R. Bustam.		Philippines [Palawan]	holo PNH; iso FEUH, PPC
Medinilla umbellata Merr.		Philippines [Mindanao]	lecto US; isolecto K
Medinilla umbrina Elmer		Philippines [Mindanao]	lecto US; isolecto A, BISH, BO, CAS, E, F, GH, HBG, K, L, MO, NY, U
Medinilla uninervis Veldkamp		Maluku [Halmahera]	holo L; iso BO, G, MO

Medinilla urophylla Stapf		Borneo [Mt. Kinabalu]	lecto K
<i>Medinilla vanoverberghii</i> Merr.	Medinilla cummingii Naudin		lecto G; isolecto F
<i>Medinilla vanraaltii</i> Boerl. & Koord.	Pachycentria pulverulenta (Jack) Clausing		holo BO
<i>Medinilla varingiaefolia</i> (Blume) M.P. Nayar	Pachycentria varingiaefolia (Blume) Blume		lecto L; isolecto E, K, L
Medinilla varingoidea Bakh.f.		Sumatra	holo L; iso BO
Medinilla venosa (Blume) Blume		Sulawesi, Maluku, Philippines	lecto L; isolecto K
Medinilla venusta King		Thailand, Peninsular Malaysia	lecto K; isolecto K
<i>Medinilla verrucosa</i> (Blume) Blume	Medinilla alpestris (Jack) Blume		lecto L
<i>Medinilla verrucosa</i> Baker f.	Medinilla alpestris (Jack) Blume		holo BM; iso GH, L, WU
<i>Medinilla versicolor</i> Elmer	Medinilla astronioides Triana		lecto US; isolecto BISH, BO, CAS, E, F, GH, K, L, MO, NY, U
Medinilla versteegii Mansf.		New Guinea	lecto BO; isolecto BO, K
<i>Medinilla versteegii</i> var. <i>tetragona</i> Mansf.	Medinilla versteegii Mansf.		lecto BO; isolecto BO, K, L, U
<i>Medinilla verticillata</i> Merr.	Medinilla quadrifolia (Blume) Blume		lecto US; isolecto K, NY, PNH
Medinilla vexillifera C.W.Lin & Rubite		Philippines [Luzon]	holo PNH; iso SING, TAIF
<i>Medinilla vulcanica</i> Merr.	Medinilla multiflora Merr.		lecto US; isolecto JE, U
<i>Medinilla vulcanica</i> Ridl.	Medinilla ridleyi Merr.		See <i>M. Ridleyi</i>
Medinilla warica Mansf.		New Guinea	lecto L
<i>Medinilla weberi</i> Merr.	Medinilla ramiflora Merr.		lecto US; isolecto A, CAS, CM, F, GH
<i>Medinilla wenzelii</i> Merr.	Medinilla coriacea Merr.		lecto MO; isolecto A, BM, F, GH
<i>Medinilla wenzelii</i> Quisumb. & Merr.	Medinilla surigaoensis Regalado		see <i>M. surigaoensis</i>
Medinilla whitfordii Merr.		Philippines	lecto US; isolecto K, NY
<i>Medinilla williamsii</i> C.B.Rob.	Medinilla venosa (Blume) Blume		lecto NY; isolecto GH, K, NY, US
Medinilla zoster Veldkamp		Maluku [Halmahera]	holo L; iso BO, G, MO