

Family 223. MELASTOMATACEAE

Literature:

Bakhuizen van den Brink, RC. 1945. *A contribution to the knowledge of the Melastomataceae occurring in the Malay archipelago*. Rec. Trav. Bot. Néerl. 40: 1-391.

1. *Anerinckleisthus* Korthals

Revision:

Gardens' Bulletin Singapore 35 (1982) 212

Anerinckleisthus philippinensis Merr., PJS 12 c (1917) Bot. 337; EPFP 3 (1923) 190. --Type: Merrill 9412 (L*, lecto, isolecto in NY*, SING*). Palawan: Malampaya Bay, May 1913.
Syntypes: Merrill 7241 (=Phil. Pl. 408) (L*, US*). Palawan: Malampaya Bay, in thin forests at an altitude of 2-5m, on hillsides near the sea, 18 Sept. 1910; Merrill 9552 (not seen). Palawan: Mt Capoas, 21 Apr 1913.

PALAWAN. Primary forests, sea-level to altitude 800m.

2. *Astrocalyx* Merrill

Revision:

Maxwell, JF & JF Veldkamp. 1990. *Notes on the Astronieae (Melastomataceae)*. 1. *Astrocalyx*, *Astronia*. Blumea 35: 75-114.

Astrocalyx calycina (Vidal) Merr., PJS 5 c (1910) Bot. 203; EPFP 3 (1923) 211.
LUZON: Laguna, Quezon, Camarines Norte (Maniba River near Daet), Albay, Sorsogon, CATANDUANES, LEYTE (Dagami) SAMAR, MINDANAO. Primary forests, often in damp areas, 550-1700m. Genus is a Philippine endemic.

3. *Astronia* Blume

Maxwell, JF & JF Veldkamp. 1990. *Notes on the Astronieae (Melastomataceae)*. 1. *Astrocalyx*, *Astronia*. Blumea 35: 75-114.

Astronia acuminatissima Merr., PJS 8 c (1913) Bot. 345; EPFP 3 (1923) 206. --Type: Philip. Pl. 357 (Ramos), (PNH, holo, lost; US), Luzon: Rizal prov., San Isidro, Jun 1910.

Astronia parvifolia Merr., PJS 12 c (1917) Bot. 351; EPFP 3 (1923) 209.

Astronia sorsogonensis Merr., PJS 11 c (1916) Bot. 26; EPFP 3 (1923) 210.

var. *acuminatissima*

LUZON, MINDORO, LEYTE, MINDANAO. Primary forest, often mossy; 400-1190m.

var. ***palawanensis*** Maxw., Blumea 35 (1990) 105. --Type: PNH 8 Edaño (SING, holo; iso L, PNH), Palawan: Mt Mantalingahan, 935m, 7 May 1947..

PALAWAN (known only from the type collection) Primary forest; c. 930m.

var. ***subcaudata*** (Merr.) Maxw., Blumea 35 (1990) 105. --Type: BS 9457 Robinson (PNH, holo, lost), Luzon: Quezon prov., Infanta, Mt Binuang, 800m, 29 Aug 1909.

Astronia subcaudata Merr., PJS 8 c (1913) Bot. 349; EPFP 3 (1923) 210.

LUZON, CATANDUANES, SAMAR, BILIRAN, LEYTE, CAMIGUIN, MINDANAO.

Primary forests (often with dipterocarps), 150-800m.

Astronia alata Maxw., Blumea 35 (1990) 105. --Type: BS 40598 Ramos & Edano (A, holo; iso L),

Mindoro: Mindoro Oriental prov., Mt Halcon, Mar 1922.

MINDORO (known only from the type collection). Mossy montane forest, 1800m.

Astronia apoensis Elmer, LPB 4 (1911) 1206; --Merr., EPFP 3 (1923) 207. --Type: Elmer 11427 (PNH, holo, lost; A, BO, E, L, US, Z), Mindanao: Davao, Mt Apo, Todaya, 1675m, Aug 1909
Astronia mearnsii Merr., PJS 8 c (1913) Bot. 340; EPFP 3 (1923) 208. --Type: MINDANAO. Mountain forest, often along streams; 1800-2065m.

Astronia benguetensis Maxw., Blumea 35 (1990) 106; --Type: Celestino 4381 (L, holo; iso A). Luzon: Benguet prov.,
Astronia mearnsii Merr., PJS 8 c (1913) Bot. 340. --Type: FB 4699 Mearns & Hutchinson (PNH, holo, lost; US). Mindanao: Misamis Occidental prov., Mt Malindang, 1800m, May 1906.
LUZON, MINDANAO. Forest near creek, c. 2000m.

Astronia candolleana Cogn. in DC, Monogr. Phan. 7 (1891) 1099; --Merr., EPFP 3 (1923) 207. --Type: Cuming 850 (E, L, MO; G, LE, not seen by Maxwell), Luzon: Albay prov, 1837.
Astronia platyphylla Merr., PJS 8 c (1913) Bot. 355; EPFP 3 (1923) 209. --Type: BS 16545 Ramos (PNH, holo, lost; iso BO, L, US). Luzon: Laguna prov., San Antonio, 2 Oct 1912.
Astronia tetragona Merr., PJS 12 c (1917) Bot. 341; EPFP 3 (1923) 210. --Type: FB 25204 Alvarez (PNH, holo, lost). Mindanao, Lanao del Sur prov., Lanao-Cotabato Trail, in dipterocarp forest, c. 1000m, 21 Mar 1916.
Astronia zambalensis Elmer, LPB 9 (1934) 3202. --Type: Elmer 22065 (PNH, holo, lost; iso A, BO, L, MO, SING, Z). Luzon: Pampan,
Astronia bulusanensis Elmer, LPB 10 (1939) 3653; invalid name, no Latin diagnosis. --Type: Elmer 17036 (PNH, holo, lost; iso A, BO, L, Z). Luzon: Sorsogon, Mt Bulusan, 610 m, Nov 1915.
LUZON: Abra, Mountain Province, Benguet, Sierra Madre Range from Cagayan to Quezon, Zambales Range, Bataan, Laguna, Albay, Sorsogon, MINDORO, PANAY, MINDANAO: Lanao. Primary forest, damp areas; lowland to 1350m.

Astronia cumingiana Vidal, Phan. Cuming. Philipp. (1885) 174; --Merr., EPFP 3 (1923) 207. --Type: Cuming 999 (PNH, holo, lost; E, L, MO). Luzon: Albay ('Prov. Pangasana'),
Astronia foxworthyi Elmer, LPB 8 (1919) 3091. --Type: Elmer 17964 (PNH, holo, lost; iso A, BO, L, MO, US, Z). Luzon: Laguna prov., Mt Maquiling, middle elevation, Jun/Jul 1917.

var. cumingiana.

LUZON, MINDORO, NEGROS, MINDANAO. Primary forest and secondary forest at low to medium elevation.

var. bicolor (Merr.) Maxw., Blumea 35 (1990) 107; --Astronia bicolor Merr., PJS 8 c (1913) Bot. 350; EPFP 3 (1923) 207. --Type: FB 10851 Curran (PNH, holo, lost), Luzon: Benguet prov., Mt Ugo, altitude 2000m, 16 Dec 1908.
Astronia discolor Merr., PJS 8 c (1913) Bot. 352; EPFP 3 (1923) 208. --Type: Loher 6270 (PNH, holo, lost; iso: US); Luzon: Laguna prov., Mt Makiling, Apr 1906.
LUZON; MINDANAO. Primary forests, 300-2000m.

Astronia dioica Merr., PJS 8 c (1913) Bot. 343; EPFP 3 (1923) 208. --Type: BS 15293 Ramos (PNH, holo, lost). Leyte: Mt Ibuni, near Dagami, Aug 1912.
CATANDUANES, SAMAR, LEYTE. Primary forest, up to 500m.

Astronia ferruginea Elmer, LPB 4 (1911) 1205; --Merr., EPFP 3 (1923) 208. --Type: Elmer 11426 (PNH, holo, lost; iso A, BO, E, L, MO, US, Z). Mindanao: Davao, Mt Apo, Todaya, 1675m, Aug 1909.
Astronia ferruginea var. ampla Merr., PJS 8 c (1913) Bot. 342; EPFP 3 (1923) 208. --Lectotype: BS 18900 Miranda (PNH, holo, lost; iso L). Basilan: Comalarang River, Sept 1912.
LUZON; BASILAN; MINDANAO. Primary forest; 500-2000m.

Astronia gitingensis Elmer, LPB 4 (1911) 1202; --Merr., EPFP 3 (1923) 208. --Type: Elmer 12518 (PNH, holo, lost; iso A, BO, E, L, MO, US, Z). Sibuyan: Mt Giting-giting, Magallanes (=Magdiwang), 1450m, May 1910.
SIBUYAN. Ridge in primary forest, c. 1600m.

Astronia glauca Merr., Govt. Lab. Publ. (Philipp.) 29 (1905) 31; EPFP 3 (1923) 208. --Type: Elmer 6294 (PNH, holo, lost; iso SING, US). Luzon: Benguet prov., Baguio, May 1904.
LUZON (Cordillera Highlands). Primary forest and thickets; 700-1600m.

Astronia katangladensis Maxw., Blumea 35 (1990) 109. --Type: PNH 9936 Sulit (A, holo; iso L, PNH). Mindanao: Bukidnon prov., Mt Kitanglad, 1800m, 27 Feb 1949.
MINDANAO (known only from the type collection). Mossy forest, c. 1800m.

Astronia lagunensis Merr., PJS 1 suppl. (1906) 213; --Merr., EPFP 3 (1923) 208. --Type: Merrill 5144 (PNH, holo, lost; US), Luzon: Laguna prov., Mt Makiling, 1100m, 17 Mar 1906.

Astronia loheri Merr., PJS 8 c (1913) Bot. 341; EPFP 3 (1923) 208. --Type: Loher 6294 (PNH, holo, lost). Luzon: Rizal prov., Angilog, Mar 1906.

Astronia consanguinea Merr., PJS 12 c (1917) Bot. 338; EPFP 3 (1923) 207. --Type: BS 29215 Ramos & Edaño (PNH, holo, lost; iso A, US*). Luzon: Quezon prov., Infanta-Siniloan Trail, forest along small stream, 12 Jun 1917.

Astronia verruculosa Merr., PJS 12 c (1917) Bot. 342; EPFP 3 (1923) 210. --Type: Philip. Pl. 1569 Ramos (PNH, holo, lost; iso A, BO, L*, MO, NY*, SING*). Luzon: Camarines Sur prov., Mt Isarog, mossy forest near summit, altitude c. 1900m, 23 Nov 1913.

Astronia pacifica Elmer, LPB 10 (1939) 3654, invalid name, no Latin descr. --Voucher: Elmer 16526 (PNH, holo, lost; iso: A, BO, L, US, Z). Luzon: Sorsogon prov., Mt Bulusan, 915m, Jul 1916.

var. lagunensis.

LUZON, CATANDUANES, SAMAR, PANAY. Primary forests, often along streams, or in wet, mossy areas, 350-2700m.

var. pachyphylla (Merr.) Maxw., Blumea 35 (1990) 110; --*Astronia pachyphylla* Merr., PJS 12 c (1917) Bot. 339; EPFP 3 (1917) Bot. 339; EPFP 3 (1923) 209. --Type: BS 33279 Ramos (PNH, holo, lost; iso: BO, L). Luzon: Ilocos Norte prov., Mt Palimlim, 1000m, 21 Aug 1918.

LUZON. Montane forests, c. 1000m.

var. pauciflora (Merr.) Maxw., Blumea 35 (1990) 110; --*Astronia pauciflora* Merr., PJS 14 (1919) 434; EPFP 3 (1923) 209. --Type: BS 28646 Ramos & Edaño (PNH, holo, lost; iso: A, BO, NY*, US*). Luzon: Quezon prov., Mt Binuang, in forest, altitude apparently c. 1000m, May 1917.

Astronia brachybotrys Merr., PJS 14 (1919) 434; EPFP 3 (1923) 207. --Type: BS 33279 Ramos (PNH, holo, lost; iso: BO, L). Luzon: Ilocos Norte prov., Mt Palimlim, 1000m, 21 Aug 1918.

LUZON. Montane forests, often in mossy areas, c. 1000m.

Astronia megalantha Merr., PJS 8 c (1913) Bot. 347; EPFP 3 (1923) 208. --Type: BS 15258 Ramos (PNH, holo, lost; iso US). Leyte: Leyte prov., near summit of Mt Burauí, near Dagami, 13 Aug 1912.

Astronia negrosensis Merr., PJS 8 (1913) Bot. 348; EPFP 3 (1923) 209. --Type: FB 4298 Everett (PNH, holo, lost; iso US). Negros Occidental: Zamboanga City, Mt Apo, 1900m, 1904.

var. megalantha

LUZON, SAMAR, LEYTE, CEBU, NEGROS, BUCAS GRANDE, MINDANAO. Primary forests, 100-1300m.

var. campanulata Maxw., Blumea 35 (1990) 110. --Type: BS 38670 Ramos & Edaño (A, holo; iso: US). Mindanao: Bukidnon prov., Mahilucot River, Jun/Jul 1920.

MINDANAO.

Astronia meyeri Merr., Govt. Lab. Publ. (Philipp.) 35 (1905) 51; EPFP 3 (1923) 209. --Type: FB 2840 Meyer (PNH, holo, lost; BO, SING, US). Luzon: Bataan prov., Mt Mariveles, Lamao River, 22 Nov 1904.

Astronia badia Merr., PJS 11 c (1916) Bot. 26; EPFP 3 (1923) 207. --Type:

LUZON, SAMAR, PANAY. Primary and mossy forests, 300-1150m.

Astronia pulchra Vidal, Rev. Pl. Vasc. Filip. (1886) 136; --Merr., EPFP 3 (1923) 209. --Type: Vidal 345 (PNH, holo, lost; A, L). Luzon: Camarines Sur prov., Mt Iriga.

Astronia pulchra var. *obovata* Merr., PJS 8 c (1913) Bot. 350; EPFP 3 (1923) 210. --Type: BS 5013 Ramos (PNH, holo, lost; US). Luzon: Zambales prov., Mt Tapulao, Nov 1907.

Astronia cuernosensis Elmer, LPB 4 (1911) 1204; --Merr., EPFP 3 (1923) 209. --Type: Elmer 10234 (PNH, holo, lost; iso: A, BO, E, L, MO, US, Z). Negros: Negros Oriental prov., Cuernos Mtns, 1220m, Jun 1908.

Astronia bicolorana Elmer, LPB 10 (1939) 3651.

BATANES, LUZON, MINDORO, BILIRAN, LEYTE, NEGROS, CAMIGUIN, MINDANAO. Montane forests, often mossy; 550-2400m.

Astronia quadrangulata Maxw., Blumea 35 (1990) 111. --Type: Jacobs 7353 (SING, holo; iso A, L, MO). Luzon: Benguet prov., Mt Pulog, mossy forest bordering open grassland, on sandy loamy soil, 2500-2700m, 6 Feb 1968.

LUZON: Benguet (Mt Pulog). Primary forest, mossy areas, 2250-2700m. Known only from the type collection.

Astronia rolfei Vidal, Phan. Cuming. Philipp. (1885) 174; --Merr., EPFP 3 (1923) 210. --Type: Cuming 1723 (PNH, holo, lost; iso: K, L). Samar, no precise locality, 1837.

Astronia rolfei var. *furfuracea* Merr., PJS 8 c (1913) Bot. 345; EPFP 3 (1923) 210. --Type: FB 17180 Curran (PNH, holo, lost; US). Luzon: Cagayan prov, Misiones River.

Astronia lucbanensis Ekmer, LPB 4 (1911) 1201. --Lectotype: Elmer 7807 (PNH, holo, lost; iso A, BO, E, L, MO, US, Z). Luzon: Quezon prov., Lucban, Mt Banahaw, 610m, May 1907.

LUZON, CATANDUANES, SAMAR, LEYTE, NEGROS, MINDANAO. Mountain forest; c. 700m.

Astronia scabrida Maxw., Blumea 35 (1990) 113. --Type: BS 38555 Ramos & Edaña (A, holo; iso L, US), Mindanao: Bukidnon prov., Mt Lipa, Jun/Jul 1920.

MINDANAO.

Astronia viridifolia Elmer, LPB 4 (1911) 1203; --Merr., EPFP 3 (1923) 211. --Type: Elmer 12281 (PNH, holo, lost; iso A, MO, US, Z), altitude 305m, Apr 1910.

Astronia purpuriflora Elmer, LPB 10 (1939) 3656, invalid name, no Latin. --Voucher: Elmer 16350 (PNH, holo, lost; iso: A, BO, L, MO, US, Z). Luzon: Sorsogon prov., Mt Bulusan, 305m, Jun 1916.

LUZON, CATANDUANES, MINDORO, SIBUYAN, SAMAR, BILIRAN, LEYTE, PANAY. Primary, often dipterocarp, forests, 100-800m.

Astronia williamsii Merr. ex C Robinson, PJS 6 c (1911) 214; --Merr., EPFP 3 (1923) 211. --Type: Williams 722 (PNH, holo, lost). Luzon: Bataan prov., Mt Mariveles, Mar 1904.

Astronia piperi Merr., PJS 8 c (1913) Bot. 354; EPFP 3 (1923) 209. --Type: Wenzel 222 (PNH, holo, lost; iso A, MO, US, Z). Leyte: Dagami, 21 Jun 1913.

Astronia merrillii Elmer, LPB 8 (1919) 3091. --Type: Elmer 18430 (PNH, holo, lost; iso A, BO, L, MO, US, Z). Luzon: Laguna prov., summit Mt Makiling, Jul 1917.

var. *williamsii*

BATANES, LUZON, POLILLO, CATANDUANES, MINDORO, SAMAR, LEYTE, NEGROS, BUCAS GRANDE, MINDANAO. Montane forests, up to 1000m.

var. *ramosii* (Merr.) Maxw., Blumea 35 (1990) 114; --*Astronia ramosii* Merr., PJS 8 c (1913) Bot. 343; EPFP 3 (1923) 210. --Type: BS 10872 Ramos (PNH, holo, lost; paratype: BS 16524 Ramos in L, US). Luzon: Laguna prov., San Antonio, Aug 1910.

LUZON.

4. *Beccarianthus* Cogniaux

Beccarianthus ickisii Merr. PJS 8 c (1913) Bot. 358; --Merr., EPFP 3 (1923) 211. --Type: Merrill 7342 (PNH, holo, lost; iso BO). Mindanao: Agusan del Norte prov., Butuan, altitude 50 m, 2 Oct

1910.

Beccarianthus ickisii var. *setosus* Merr., PJS 10 c (1915) Bot. 278; EPFP 3 (1923) 212. --Type: Wenzel 1015 (PNH, holo, lost; iso A, MO), Leyte: Leyte prov., Buenavista near Jaro, altitude 500m, 13 Jul 1914.

LUZON: Sorsogon, CATANDUANES, PANAY, NEGROS: Negros Oriental (Cuernos Mtns), LEYTE (Buenavista near Jaro), SAMAR, SIARGAO, MINDANAO: Agusan del Norte (Umuwyan River near Waloe). Moist primary forests, 50-500m.

Beccarianthus octodontus (Merr.) Maxw., Blumea 35 (1990) 155; --*Everettia octodonta* Merr., PJS 13 (1918) Bot. 315; EPFP 3 (1923) 212. --Type: BS 30556 Ramos (PNH, holo, lost; iso: US), Catanduanes: Sto Domingo River, low altitudes, 3 Dec 1917.

CATANDUANES. Lowland forest.

Beccarianthus puberulus (Merr.) Maxw., Blumea 35 (1990) 155; --*Beccarianthus ickisii* var. *puberulus* Merr., PJS 12 c (1917) Bot. 343; EPFP 3 (1923) 211. --Type: BS 29230 Ramos & Edaño (PNH, holo, lost; iso: US). Luzon: Quezon prov., Infanta-Siniloan Trail, 12 Jun 1917.

LUZON: Quezon (Infanta-Siniloan trail). Damp primary forest on ridge at low altitude.

Beccarianthus pulcherrimus (Merr.) Maxw., Blumea 35 (1990) 155; --*Everettia pulcherrima* Merr., PJS 8 c (1913) Bot. 278; EPFP 3 (1923) 212. --Type: BS 30556 Ramos (PNH, holo, lost; iso: US). Mindanao: Misamis Occidental prov., Mt Malindang, 1400m, May 1906.

CATANDUANES, SAMAR, LEYTE (Dagami), NEGROS: Negros Occidental (Mt Silay; Canlaon Volcano), Negros Oriental (Cuernos Mtns), MINDANAO: Misamis Occidental (Mt Malindang), Davao (Mt Apo). Primary forests, 300-1400m.

Carionia Naudin =Medinilla

Cephalomedinilla Merrill = Medinilla

5. *Creochiton* Blume

Creochiton bracteata (Quisumb. & Merr.) Veldk., Blumea 24 (1978) 438; --*Eisocreochiton bracteata* Quisumb. & Merr., PJS 37 (1928) 177, pl. 4. --Type: BS 45610 Ramos & Edaño (PNH, holo, lost; iso in BM, K). Luzon: Quirino prov., Mt Alzapan, altitude c. 1700m, climbing on trees on forested slopes, 24 May 1925.

LUZON: Quirino. Montane forests.

Creochiton diptera Elmer, LPB 4 (1911) 1192; --Merr., EPFP 3 (1923) 190. --Type:

LUZON: Laguna, Sorsogon, NEGROS, MINDANAO: Agusan del Norte (Mt Hilong-hilong). Low and medium altitude primary forests, ascending to 1200m.

Creochiton rosea Merr., Govt. Lab. Publ. (Philipp.) 29 (1905) 32; EPFP 3 (1923) 191. --Type: Copeland 1207 (NY*, U.S. Bot. Gard. Herb. No. 1207).

MINDANAO: Zamboanga, Davao (Mt Apo). Primary forests, altitude 800-1200m.

6. *Diplectra* (Blume) Reichenbach

Revision:

Blumea 24 (1978) 405

Diplectra furfurascens (Elmer) Nayar, Blumea 24 (1978) 413; --*Dissochaeta furfurascens* Elmer, LPB 8 (1915) 2754; --Merr., EPFP 3 (1923) 191. --Type: Elmer 13352 (L*, MO*, NA*, NY*, U*, iso). Mindanao: Agusan del Norte prov., Mt Urdaneta (=Hilong-hilong), Jul 1912.

MINDANAO: Lanao del Sur (Camp Keithley), Agusan del Norte (Mt Urdaneta). Thickets and forests, altitude 600-900m.

7. *Dissochaeta* Blume

Dissochaeta acmura Stapf & ML Green, Kew Bull. (1913) 42; --Merr., EPFP 3 (1923) 191. --Type: LUZON: Cagayan, Laguna, Quezon, Sorsogon (Mt Bulusan), CATANDUANES, LEYTE, BASILAN, BUCAS GRANDE, MINDANAO: Lanao, Surigao. Lowland damp primary forests.

Dissochaeta celebica Blume, Ann. Mus. Bot. Lugd.-Bat. 1 (1849) 36; --Merr., EPFP 3 (1923) 191.

--Type from Sulawesi.
Dissochaeta subviridis Elmer, LPB 4 (1911) 1193. --Type: Elmer 10577 (MO*, NY*, U*, US*, iso). Mindanao: Davao, Mt Apo, Todaya. Scandent and overtopping small trees and thickets in moist woods at 3500

ft, south of Calelan Mtns, May 1909.
Peninsular Malaysia, Banka, Borneo, Philippines, Sulawesi.
MINDANAO: Bukidnon, Davao (Mt Apo). Forests, altitude c. 950m.

Dissochaeta cumingii Naudin, Ann. Sci. Nat. Bot. iii, 15 (1851) 75 ('cumingii'); --Merr., EPFP 3 (1923) 191. --Type: Cagayan locality cited).

LUZON: Cagayan. According to Merrill known only from the type collection.

Eisocreochoiton Quisumbing & Merrill = *Creochoiton*

Everettia Merrill = *Beccarianthus*

8. *Medinilla* Gaudichaud

Revision:

Regalado, JC. 1995. *Revision of Philippine Medinilla* (Melastomataceae). Blumea 40: 113-193.

Medinilla amplifolia Merr., Govt. Lab. Publ. (Philipp.) 29 (1905) 37; EPFP 3 (1923) 192; --Regalado, Blumea 40 (1995) 136. --Type:

N LUZON. Damp ravines or wet slopes of mossy forests at 800-1500m.

Medinilla annulata C Robinson, PJS 6 c (1911) Bot. 215; --Merr., EPFP 3 (1923) 215; --Regalado, Blumea 40 (1995) 183, Fig. 17. --Type:

Medinilla brevipedunculata Elmer, LPB 4 (1911) 1216; --Merr., EPFP 3 (1923) 194. --Type:
Medinilla longipes Merr., PJS 10 c (1915) Bot. 278; --Merr., EPFP 3 (1923) 198. --Type:
Sulawesi and the Philippines. LUZON, POLILLO, CATANDUANES, MINDORO, LEYTE.
Primary forests, 0-500 (900)m altitude.

Medinilla antonii Elmer, LPB 8 (1915) 2756; --Merr., EPFP 3 (1923) 192; --Regalado, Blumea 40 (1995) 155. --Type: SAMAR, MINDANAO: Agusan del Norte (Mt Urdaneta). Primary forests, c. 1000m.

Medinilla apayaensis Merr., PJS 12 c (1917) Bot. 343; --Merr., EPFP 3 (1923) 192; --Regalado, Blumea 40 (1995) 141. --Type: BS 28142 Fenix. (PNH, holo, lost; lecto (designated by

Regalado), US; isolecto: A, BM, CAL, K, L, NY, P). Luzon: Apayao prov., Ngagan.
LUZON: Apayao. Known only from the type collection. Habitat: no data.

Medinilla apoensis C Robinson, PJS 3 c (1908) Bot. 207; --Merr., EPFP 3 (1923) 193; --Regalado, Blumea 40 (1995) 140. --Type:
MINDANAO: Misamis, Davao (Mt Apo). Mossy forests, 1500-1800 (-2300)m.

Medinilla astronioides Triana, Trans. Linn. Soc. 28 (1871) 88; --Merr., EPFP 3 (1923) 193; --Regalado, Blumea 40 (1995) 153, Fig. 11. --Type:
Medinilla acuminata Merr., PJS 8 c (1913) Bot. 238; EPFP 3 (1923) 192. --Type:
Medinilla bolsteri Merr., PJS 1 (1906) Suppl. 214; EPFP 3 (1923) 194. --Type:
Medinilla negrito Elmer, LPB 9 (1934) 3203. --Type:
LUZON, MINDORO, MINDANAO. Open areas or exposed foest slopes at 500-1500m.

Medinilla aurantiflora Elmer, LPB 4 (1911) 1208; --Merr., EPFP 3 (1923) 193; --Regalado, Blumea 40 (1995) 153, Fig. 11. --Type:
Medinilla confertiflora Merr., PJS 17 (1920) 296; --Merr., EPFP 3 (1923) 195. --Type:
SIBUYAN, PANAY: Aklan (Libacao), NEGROS: Negros Occidental (Mt Canlaon), Negros Oriental (Cuernos Mtns). Primary forests along rivers and streams, 900-1000m.

Medinilla banahaensis Elmer, LPB 4 (1911) 1225; --Merr., EPFP 3 (1923) 193; --Regalado, Blumea 40 (1995) 134. --Type:
LUZON: Rizal, Quezon (Mt Banahaw), MINDANAO: Bukidnon, Davao. Mossy forests, 1200-2000m.

Medinilla benguetensis Elmer, LPB 4 (1911) 1207; --Merr., EPFP 3 (1923) 193; --Regalado, Blumea 40 (1995) 167. --Type: BS 28833 Ramos & Edaño (US). Luzon: Benguet prov., Baguio.
LUZON: Benguet (Baguio), Camarines Sur (Mt Isarog). In Benguet reported on limestone.

Medinilla binaria Elmer, LPB 4 (1911) 1211; --Merr., EPFP 3 (1923) 194; --Regalado, Blumea 40 (1995) 135. --Type:
NEGROS: Negros Oriental (Cuernos Mtns), CEBU. Mossy forests, c. 1800m.

Medinilla brevipes Merr., PJS 8 c (1913) Bot. 241; EPFP 3 (1923) 194; --Regalado, Blumea 40 (1995) 147. --Type: BS 28833 Ramos & Edaño (US). Luzon: Quezon prov., Mt Binuang.
LUZON, MINDORO, PANAY. Primary lowland forests, 0-500m.

Medinilla calcicola Merr., PJS 8 c (1913) Bot. 244; EPFP 3 (1923) 194; --Regalado, Blumea 40 (1995) 175. --Type: Weber 1574 (PNH, holo, lost; lecto designated by Regalado in US*; isolecto in CAS, GH). Luzon: Cagayan prov., Abulug River.
LUZON: Cagayan. Known only from the type collection. Lowland forests on limestone.

Medinilla calelanensis Elmer, LPB 4 (1911) 1209; --Merr., EPFP 3 (1923) 194; --Regalado, Blumea 40 (1995) 129. --Type: Elmer 11406 (holo PNH, lost; lecto US; iso in A, BISH, CAS, GH, L, MO, NY, U).
MINDANAO: Bukidnon (Mt Candoon and Mt Lipa), Davao (Mt Apo; Mt Calelan). Mossy forests along streams, 1800-2300m.

Medinilla capitata Merr., PJS 17 (1920) 295; EPFP 3 (1923) 194; --Regalado, Blumea 40 (1995) 174. --Type: BS 35179 Ramos & Pascasio (PNH, holo, lost; lecto designated by Regalado in US*, isolecto in A, L, UC). Dinagat.
DINAGAT. Only known from thye type collection. Lowland dipterocarp forest under

shade, 0-100m.

Medinilla cephalophora Merr., PJS 3 c (1908) Bot. 250; EPFP 3 (1923) 194; --Regalado, *Blumea* 40 (1995) 151. --Type:
LUZON, POLILLO, CATANDUANES, PANAY, NEGROS, SAMAR, MINDANAO. Primary forests, (200-) 600-800m.

Medinilla clementis Merr., PJS 5 c (1910) Bot. 208; EPFP 3 (1923) 195; --Regalado, *Blumea* 40 (1995) 145, Fig. 8. --Type:
Medinilla polisensis Merr., PJS 12 c (1917) Bot. 349; EPFP 3 (1923) 203. --Type:
LUZON: Kalinga, Ifugao (Mt Polis), Mountain Province, Benguet, Isabela, Rizal, Sorsogon, MINDORO, PANAY, NEGROS, LEYTE, MINDANAO: Lanao del Sur (Camp Keithley), Bukidnon. Exposed ridges or slopes, along streams in mossy forests or on summits at 1000-2000 (-2300)m.

Medinilla compressicaulis Merr., PJS 8 c (1913) Bot. 238; EPFP 3 (1923) 195; --Regalado, *Blumea* 40 (1995) 137.
LUZON: Abra (trail to Balbalasang), Ifugao, Mountain Province, Benguet. Mossy forests, 1000-2200m.

Medinilla congesta Merr., PJS 3 c (1908) Bot. 251; EPFP 3 (1923) 195; --Regalado, *Blumea* 40 (1995) 185. --Type:
LUZON: Nueva Vizcaya (Mt Palali), Rizal, Quezon, MINDORO: Mindoro Oriental (Mt Halcon), NEGROS. Mossy forests, 800-1700m.

Medinilla cordata Merr., Govt. Lab. Publ. (Philipp.) 29 (1905) 37; EPFP 3 (1923) 196; --Regalado, *Blumea* 40 (1995) 186. --Type:
Medinilla macgregorii Merr., PJS 12 c (1917) Bot. 346; EPFP 3 (1923) 199. --Type:
LUZON, MINDORO: Mindoro Oriental (Mt Halcon), PANAY: Antique (Mt Madia-as). Mossy forests, often common on summits of higher mountains in N Luzon at 2000-2500m.

Medinilla coriacea Merr., Govt. Lab. Publ. (Philipp.) 29 (1905) 35; EPFP 3 (1923) 196; --Regalado, *Blumea* 40 (1995) 166. --Type: Whitford 228 (PNH, holo, lost; lecto designated by Regalado in US*,

isolecto in L*, NY*). Luzon: Bataan prov., Mt Mariveles.
Medinilla rotundifolia Elmer, LPB 8 (1915) 2757; --Merr., EPFP 3 (1923) 203. --Type: Elmer 13738 (PNH, holo, lost; lecto designated by Regalado in US*; isolecto in A, BISH, CAS, GH, L*, MICH, MO, NY*). Mindanao: Agusan del Norte prov., Mt Urdaneta.

Medinilla wenzelii Merr., PJS 10 c (1915) Bot. 281; EPFP 3 (1923) 203, *pro syn.* *M. rotundifolia* Elmer. -- Type: Wenzel 941 (holo, NY*). Leyte: Buenavista, Jaro.

LUZON: Quirino (*JP Bautista 105, 213 & 219*, PUH; *Bartolome 657a, 700*, PUH), Bataan (Mt Mariveles), Rizal; LEYTE (Buenavista, Jaro), MINDANAO: Agusan del Norte (Mt Urdaneta). Humid primary forests, 500-750 (-1000)m.

Medinilla coronata Regalado, *Blumea* 40 (1995) 149; --Carionia elegans Naudin, Ann. Sci. Nat. Bot iii 15 (1851) 312, t. 15, Fig. 6; --Merr., EPFP 3 (1923) 191. --Type:
LUZON: Cagayan (Mt Cetaceo), Ifugao (Mt Polis), Benguet, Pampanga. Thickets & forests, 1000-1700m.

Medinilla crassata Elmer, LPB 4 (1911) 1208; --Merr., EPFP 3 (1923) 196; --Regalado, *Blumea* 40 (1995) 163. --Type: Elmer 9311 (PNH, holo, lost; lecto L, designated by Regalado, 1995, isolecto in NY*). Luzon: Quezon prov., Mt Banahaw, Lucban.

Medinilla gracilipes Merr., PJS 8 c (1913) Bot. 236; EPFP 3 (1923) 197. --Type: Loher 6275 (PNH, holo, lost; lecto M, designated by Regalado, 1995). Luzon:
Rizal prov., Angilog.

LUZON: Rizal, Quezon. Mossy forests, 800-1200m.

Medinilla crassifolia (Reinw. ex Blume) Blume, Flora 14 (1831) 511; --Regalado, Blumea 40 (1995) 164. --Type from Java.

Peninsular Malaysia, Sumatra, Java, Borneo, Sulawesi and Philippines: PANAY (known only by one specimen, *BS 31215 Ramos & Edaño*).

Medinilla cuernosensis Elmer, LPB 4 (1911) 1221; --Merr., EPFP 3 (1923) 196; --Regalado, Blumea 40 (1995) 176. 1995; isolecto in A, BISH, CAS, GH, L, MO*, NY*, U). Negros: Negros Oriental prov., Cuernos Mtns.

Medinilla oligantha Merr., PJS 10 c (1915) Bot. 280; EPFP 3 (1923) 201. --Type: Wenzel 1145 (PNH, holo, lost; lecto A, designated by Regalado, 1995).

Leyte: Leyte prov., Jaro, Masaganap.

LUZON, CATANDUANES, NEGROS, LEYTE, SAMAR. Lowland dipterocarp forest under shade at 200m and in dense forests along streams at 1000-1500m.

Medinilla cumingii Naudin, Ann. Sc. Nat. Bot. III, 15 (1851) 292; --Merr., EPFP 3 (1923) 196; --Regalado, Blumea 40 (1995) 127, Fig. 1. --Type: Cuming 836 (holo P; iso BM, K, L).

Medinilla peninsula Elmer, LPB 10 (1939) 3667, not validly published, no Latin descr. --Vouchers: Elmer 14963 (A, G, GH, L, MICH, MO, NY, PNH, S, U, UC, US); 16403 (A,G, GH, L, NY, PNH, S, U, UC, US).

Medinilla vanoverberghii Merr., PJS 7 c (1912) Bot. 94; EPFP 3 (1923) 205. --Type: Vanoverbergh 448 (holo PNH, lost; lecto G, designated by Regalado, 1995; isolecto: F).

LUZON: Cordillera Highlands, Nueva Ecija, Quezon (Mt Banahaw), Albay, Sorsogon. In mossy forest, 700-1000m.

Medinilla curranii Merr., PJS 4 c (1909) Bot. 302; EPFP 3 (1923) 196; --Regalado, Blumea 40 (1995) 160. --Type: FB 12289 Curran (PNH, holo, lost; lecto US, designated by Regalado, 1995). Luzon: Camarines Sur prov., Caramoan.

S LUZON: Quezon, Camarines Sur (Caramoan). Lowland forests.

Medinilla disparifolia C Robinson, PJS 6 c (1911) Bot. 351; EPFP 3 (1923) 196; --Regalado, Blumea 40 (1995) 181, Fig. 16. --Type:

Medinilla loheri Merr., PJS 8 c (1913) Bot. 248; EPFP 3 (1923) 198. --Type:

LUZON: Rizal, Quezon, Camarines Sur, Sorsogon. Along streams and riverbanks in forests, 300-800m.

Medinilla dolichophylla Merr., PJS 1 (1906) Suppl. 214; EPFP 3 (1923) 196; --Regalado, Blumea 40 (1995) 143, Fig. 7. --Type:

Medinilla subdolichophylla Elmer, LPB 4 (1911) 1220; --Merr., EPFP 3 (1923) 204. --Type:

LUZON: Cordillera and Sierra Madre Mtn Ranges. Kalinga, Ifugao, Mountain Province, Benguet (Baguio), Isabela. Over limestone outcrops in pine forests or in mossy forests between 1000-1800m.

Medinilla elegans Elmer, LPB 4 (1911) 1213; --Merr., EPFP 3 (1923) 197; --Regalado, Blumea 40 (1995) 162. --Type: Elmer 11311 (PNH, holo, lost; lecto US, designated by Regalado, 1995; isolecto in A, BISH, GH, L, MO, NY, U). Mindanao: Davao, Mt Apo, Todaya.

MINDANAO: Bukidnon, Davao (Mt Apo). Primary forests, 1200-1300m.

Medinilla erythrotricha Elmer, LPB 4 (1911) 1222; --Merr., EPFP 3 (1923) 197; --Regalado, Blumea 40 (1995) 178. --Type: Elmer 10537 (PNH, holo, lost; US* lecto, designated by Regalado, 1995;

isolecto in A, BISH, DS, GH, L, MO* (2 sheets),

NA*, NY*, U). Mindanao: Davao, Mt Apo, Todaya.

Medinilla attenuata Elmer, LPB 4 (1911) 1223; --Merr., EPFP 3 (1923) 193. --Type: Elmer 11740 (PNH,

1995; isolecto in BISH, GH, L*, MO, NY*).
MINDANAO. Damp forests, 1400-1800m.

holo, lost; lecto US*, designated by Regalado,
Mindanao: Davao, Mt Apo, Todaya.

Medinilla fenicis Merr., PJS 12 c (1917) Bot. 344; EPFP 3 (1923) 197; --Regalado, Blumea 40 (1995) 186. --Type:

LUZON: Apayao, Kalinga, Benguet. Three collections. Damp rocky slopes above 1000m.

Medinilla ferruginea Merr., PJS 17 (1920) Bot. 297; EPFP 3 (1923) 197; --Regalado, Blumea 40 (1995) 180. --Type: BS 35217 Ramos &

Pascasio (US, lecto, designated by Regalado, 1995).

Dinagat, forest at low altitude, May 1919.

LUZON: Camarines Sur, SAMAR, DINAGAT, BUCAS GRANDE. Sea-level to 300m.

Medinilla furfuracea Merr., PJS 8 c (1913) Bot. 245; EPFP 3 (1923) 197; --Regalado, Blumea 40 (1995) 162. --Type: BS 15224 Ramos (PNH, holo, lost; US* lecto designated by Regalado, 1995).
Leyte: Leyte prov., Dagami.

LEYTE, SAMAR. Lowland primary forests, 0-200m.

Medinilla halconensis Merr., PJS 2 c (1907) Bot. 287; EPFP 3 (1923) 197; --Regalado, Blumea 40 (1995) 175. --Type: Merrill 5642 (PNH, holo,

lost; lecto US*, designated by Regalado, 1995;

isolecto in GH, K). Mindoro: Mindoro Oriental

prov., Mt Halcon.

Medinilla longidens Merr., PJS 12 c (1917) Bot. 345; EPFP 3 (1923) 198. --Type: BS 28422 Fenix (PNH, Sulu.

holo, lost; lecto design

Medinilla microphylla Merr., PJS 2 c (1907) Bot. 288; EPFP 3 (1923) 200. --Type: Merrill 5599 (PNH, holo, lost; lecto US*, designated by Regalado, 1995; isolecto in G, K, NY*, P). Mindoro: Mindoro Oriental prov., Mt Halcon.

LUZON, CATANDUANES, MINDORO, PANAY. In forests, 800-1100m.

Medinilla inaequifolia C Robinson, PJS 6 c (1911) 216; --Merr., EPFP 3 (1923) 198; --Regalado, Blumea 40 (1995) 180. --Type:

S LUZON, POLILLO. Damp primary forests, 150-800m.

Medinilla lagunae Vidal, Cat. Pl. Prov. Manila (1880) 31, *nom. nud.*; Sinopsis Atlas (1883) 27, t. 51, Fig. F; --Merr., EPFP 3 (1923) 198; --Regalado, Blumea 40 (1995) 173. --Type: Cuming 1333 (K, holo; iso in L*).

LUZON, CATANDUANES. Forests along streams, 700-1500m.

Medinilla leytenis Merr., PJS 10 c (1915) Bot. 279; EPFP 3 (1923) 198; --Regalado, Blumea 40 (1995) 174. --Type: Wenzel 1140 (PNH, holo, lost; lecto A, designated by Regalado, 1995; isolecto in NY*). Leyte: Leyte prov., Jaro, Masaganap.

LEYTE, SAMAR. Primary forests, 100-500 (-650)m.

Medinilla magnifica Lindley in Paxton, Fl. Gard. 1 (1850) 55, t. 12; --Merr., EPFP 3 (1923) 199; --Regalado, Blumea 40 (1995) 133, Fig. 3. --Type:

BATAN: (Mt Iraya), BABUYAN ISLS (CAMIGUIN), LUZON: Rizal, Laguna (Mt Makiling), Quezon, MINDORO: Mindoro Oriental (Mt Halcon), PANAY, NEGROS: Negros Oriental (Cuernos Mtns), MINDANAO. Lowland to montane cloud forests, 300-1400m.

Medinilla malindangensis Merr., PJS 3 c (1908) Bot. 250; EPFP 3 (1923) 199; --Regalado, Blumea 40 (1995) 156. --Type:

Medinilla permicrophylla Elmer, LPB 4 (1911) 1230; --Merr., EPFP 3 (1923) 202. --Type:

LUZON: Cagayan (Mt Cetaceo, Co 5696), MINDANAO: Misamis Occidental (Mt Malindang), Davao (Mt Apo), Agusan del Norte (Mt Urdaneta). Primary forests, 1300-2000m.

Medinilla mearnsii Merr., PJS 8 c (1913) Bot. 230; EPFP 3 (1923) 199; --Regalado, Blumea 40 (1995) 159. --Type: FB
MINDANAO: Misamis Occidental (Mt Malindang). Primary forests, 900-1000m. Known only from the type collection.

Medinilla megacalyx Merr., Govt. Lab. Publ. (Philipp.) 29 (1905) 36; EPFP 3 (1923) 199; --Regalado, Blumea 40 (1995) 159.
LUZON: Bataan, Rizal. Mossy forests at mid-elevations.

Medinilla membranacea Merr., PJS 12 c (1917) Bot. 346; EPFP 3 (1923) 199; --Regalado, Blumea 40 (1995) 156. --Type: BS 28361 Fenix (PNH, holo, lost; iso in A, BM, K, NY, US). Luzon: Apayao prov., Mt Sulu.
LUZON: Apayao (Mt Sulu). Damp forests on rocky slopes, c. 800m. Only known from the type collection.

Medinilla merrittii Merr., PJS 2 c (1907) Bot. 286; EPFP 3 (1923) 200; --Regalado, Blumea 40 (1995) 166. --Type:
Medinilla megacarpa Merr., PJS 8 c (1913) Bot. 237; EPFP 3 (1923) 199. --Type:
Medinilla piperoides Elmer, LPB 10 (1939) 3668, not validly published, no Latin description. --Voucher:
S LUZON, CATANDUANES, MINDORO (Mt Halcon), LEYTE, MINDANAO. Forests, 900-1600m.

Medinilla microcephala Regalado, Blumea 40 (1995) 181; --Cephalomedinilla anisophylla Merr., PJS 5 c (1910) Bot. 205; EPFP 3 (1923) 206; *non* Medinilla anisophylla (1943). --Type:
S LUZON, CATANDUANES, SAMAR. Primary forests, 500-1000m.

Medinilla mindorensis Merr., PJS 4 c (1909) Bot. 302; EPFP 3 (1923) 200; --Regalado, Blumea 40 (1995) 145, Fig. 9. --Type:
LUZON, MINDORO. Forested ridges and slopes of mossy forests or on summits at 600-1500m.

Medinilla miniata Merr., PJS 9 c (1908) Bot. 382; EPFP 3 (1923) 200; --Regalado, Blumea 40 (1995) 130, Fig. 2. --Type: Wenzel 653 (holo PNH, lost; lecto MO, designated by Regalado, 1995; isolecto A, CAS, GH).
LUZON: Camarines Norte, CATANDUANES, LEYTE. Primary forest along streams, altitude 350-500m.

Medinilla multialata Quisumb. & Merr., PJS 37 (1928) 178; --Regalado, Blumea 40 (1995) 160. --Type: BS 49447 (PNH, holo, lost; US lecto, designated by Regalado, 1995; isolecto in NY, UC).
MINDANAO. Davao (Mt Apo), Davao Oriental (Mt Mayo). Damp forested slopes, c. 1000m.

Medinilla multiflora Merr., Govt. Lab. Publ. (Philipp.) 29 (1905) 35; EPFP 3 (1923) 200; --Regalado, Blumea 40 (1995) 139, Fig. 6. --Type:
Medinilla camiguinensis Merr., PJS 8 c (1913) Bot. 233; EPFP 3 (1923) 194. --Type:
Medinilla canlaonensis Merr., PJS 8 c (1913) Bot. 239; EPFP 3 (1923) 194. --Type:
Medinilla myriantha Merr., PJS 1 (1906) Suppl. 215; EPFP 3 (1923) 200. --Type:
Medinilla negrosensis Merr., PJS 8 c (1913) Bot. 240; EPFP 3 (1923) 201. --Type:
Medinilla vulcanica Merr., PJS 12 c (1917) Bot. 352; EPFP 3 (1923) 205. --Type:
LUZON, MINDORO, PALAWAN, PANAY, NEGROS, CAMIGUIN. Damp slopes, in mossy forests, or on summits of volcanic mountains at 800-1000m.

Medinilla multinervia Merr., PJS 8 c (1913) Bot. 247; EPFP 3 (1923) 200; --Regalado, Blumea 40 (1995) 163. --Type: BS 15386 Ramos (PNH, holo, lost; lecto US*, designated by Regalado, 1995; isolecto in BM, G, K). Leyte: Dagami, Mt Ibuni.

LEYTE. Known only from the type collection. Damp forests along stream at mid-elevations.

Medinilla myrtiformis (Naudin) Triana, Trans. Linn. Soc. 28 (1871) 86; --Merr., EPFP 3 (1923) 201; --Regalado, Blumea 40 (1995) 155. --Type: Cuming 753 (P, holo; iso in L*, NY*). Luzon: Quezon prov.

Medinilla bulusanensis Elmer, LPB 10 (1939) 3661, not validly published, no Latin description. --Voucher: Elmer 17386 (A, GH, MICH, MO, NY*, US)

Medinilla cardiophylla Merr., PJS 5 c (1910) Bot. 206; EPFP 3 (1923) 194. --Type: Clemens s.n. (PNH, holo, lost; lecto US*, designated by Regalado, 1995).

Mindanao: Lanao del Sur prov., Camp Keithley.

Medinilla monantha Merr., PJS 3 c (1908) Bot. 152; EPFP 3 (1923) 200. --Type: Clemens 1136 (PNH, holo, lost; lecto US*, designated by Regalado, 1995).

Mindanao: Lanao del Sur prov., Camp Keithley.

Moluccas, Sulawesi, Philippines. LUZON, CATANDUANES, PALAWAN, SIBUYAN, PANAY, NEGROS, LEYTE, SAMAR, SULU, MINDANAO. Common in mossy forests at mid-elevation and on summits of most or all higher mountains between 600-1800m.

Medinilla obanceolata Merr., PJS 14 (1919) 431; EPFP 3 (1923) 201; --Regalado, Blumea 40 (1995) 183. --Type: BS 15386 Ramos (PNH, holo, lost; lecto US*, designated by Regalado, 1995; isolecto in A, K). Panay: Capiz prov., Mt Madias.

PANAY: Capiz. Known only from the type collection. Primary forests, low to medium altitudes.

Medinilla obovata Merr., PJS 5 c (1910) Bot. 108; EPFP 3 (1923) 201; --Regalado, Blumea 40 (1995) 155. --Type: FB 17353 Curran (PNH, holo, lost; lecto US, designated by Regalado, 1995). Negros: Negros Occidental, Mt Marapara.

LUZON: Laguna, NEGROS: Negros Occidental (Mt Marapara). Primary forests, 100-500 (-750)m.

Medinilla ovalis Merr., PJS 4 c (1909) Bot. 303; EPFP 3 (1923) 201; --Regalado, Blumea 40 (1995) 147. --Type:

Medinilla epiphytica Merr., PJS 8 c (1913) Bot. 242; EPFP 3 (1923) 197. --Type:

S LUZON, PANAY, LEYTE, SAMAR. Primary forests at 400-600 (-1000)m.

Medinilla pachygona C Robinson, PJS 3 c (1908) Bot. 208; EPFP 3 (1923) 201; --Regalado, Blumea 40 (1995) 165.

N LUZON. Reportedly on limestone in forests at 1000-1700m.

Medinilla palawanensis Regalado, Blumea 40 (1995) 170. --Type: Ridsdale SMHI 233 (L, holo; iso in A). Palawan: Mt Beaufort.

PALAWAN: Mt Bloomfield; Victoria Mtns at Narra and Panacan; Mt Mantalingahan. Epiphytic on forests over ultramafics, 150-1000m. Known from 9 collections.

Medinilla panayensis Merr., PJS 12 c (1917) Bot. 347; EPFP 3 (1923) 202; --Regalado, Blumea 40 (1995) 143. --Type: BS 18253 Robinson (PNH, holo, lost; lecto US, designated by Regalado, 1995). Panay: Iloilo prov., Ulian River.

PANAY: Capiz, Iloilo. Lowland primary forests, c. 250m.

Medinilla parvibracteata Merr., PJS 12 c (1917) Bot. 348; EPFP 3 (1923) 202; --Regalado, Blumea 40 (1995) 134.

BATAN, BABUYAN ISLS, LUZON: Ilocos Norte. Forest ridges and mountain peaks, c. 1000m.

Medinilla peltata Merr., PJS 12 c (1917) Bot. 348; EPFP 3 (1923) 202; --Regalado, Blumea 40 (1995) 164. --Type: BS 18953 McGregor (PNH, holo, lost; lecto US*, designated by Regalado, 1995).
Biliran: Mt Suiro.

LUZON: Sorsogon, BILIRAN, SAMAR. Humid forests along streams, 200-750m.

Medinilla pendula Merr., Publ. Govt. Lab. Philipp. 29 (1905) 34; EPFP 3 (1923) 202; --Regalado, Blumea 40 (1995) 126. --Type: Elmer 6037 (PNH, holo, lost; lecto US*, designated by Regalado, 1995; isolecto in NY*, PNH).

Medinilla elmeri Merr., Govt. Lab. Publ. (Philipp.) 29 (1905) 36; EPFP 3 (1923) 202, *pro syn.* Medinilla pendula Merr., --Type: Elmer 5848 (PNH, holo, lost; lecto US*, designated by Regalado, 1995;

isolecto in NY*.)

Medinilla gitingensis Elmer, LPB 4 (1911) 1218; --Merr., EPFP 3 (1923) 197. --Type: Elmer 12417 (PNH, holo, lost; lecto US*, designated by Regalado, 1995; isolecto in A, BISH, CAS, GH, L*, MO*, NY*,

U).

Medinilla merrillii Elmer, LPB 4 (1911) 1219; --Merr., EPFP 3 (1923) 199. --Type: Elmer 11249 (PNH, holo, lost; lecto US*, designated by Regalado, 1995; isolecto in A, GH, L, MO*, NY*, U).

Medinilla subsessilis Merr., PJS 7 c (1912) Bot. 94; EPFP 3 (1923) 204. --Type: Vanoverbergh 792 (PNH, holo, lost; lecto K, designated by Regalado, 1995; isolecto in G, P).

LUZON: Abra, Mountain Province, Benguet, Isabela, Pampanga (Mt Pinatubo), MINDORO, SIBUYAN (Mt Giting-giting); CEBU; MINDANAO: Lanao, Davao (Mt Apo). In mossy forests; along creeks and streams, damp ravines and overhanging damp banks, also epiphytic, (450-) 1000-2000m. Common in the Cordillera Highlands of N LUZON.

Medinilla pinnatinervia Merr., PJS 8 c (1913) Bot. 235; EPFP 3 (1923) 202; --Regalado, Blumea 40 (1995) 152. --Type: BS 7483 Ramos (PNH, holo, lost; lecto US, designated by Regalado, 1995).
Luzon: Cagayan prov., Pamplona.

LUZON: Cagayan (known from 4 collections).

Medinilla polillensis C Robinson, PJS 6 c (1911) Bot. 217; EPFP 3 (1923) 202; --Regalado, Blumea 40 (1995) 152. --Type:

Medinilla bakeri Elmer, LPB 10 (1939) 3660, not validly published, no Latin description. --Voucher:

Medinilla nodiflora C Robinson, PJS 6 c (1911) Bot. 217; EPFP 3 (1923) 201. --Type:

Medinilla sorsogonensis Merr., PJS 11 c (1916) Bot. 25; EPFP 3 (1923) 204. --Type:

S LUZON, POLILLO, CATANDUANES, BOHOL. Damp and shaded forests at 300-500m.

Medinilla purpurea Elmer *ex* Merr., PJS 17 (1920) 298; EPFP 3 (1923) 203; --Regalado, Blumea 40 (1995) 151. --Type:

S LUZON, CATANDUANES. Damp forest streams, 400-700m.

Medinilla pycnantha Quisumb. & Merr., PJS 37 (1928) 179; --Regalado, Blumea 40 (1995) 173. --Type: BS 45580 Ramos & Edaño (PNH, holo, lost; lecto US, designated by Regalado, 1995; isolecto in A, BM, K, NY*, P, UC). Luzon: Quirino prov., Mt Alzapan.

LUZON: Quirino (Mt Alzapan; a recent collection is from nearby Nagtipunan, *Bartolome 575*, PUH). Mossy forests, c.1600m.

Medinilla quadrifolia (Blume) Blume, Flora 14 (1831) 509; --Regalado, Blumea 40 (1995) 157, Fig. 12. --Type:

Medinilla affinis Merr., PJS 10 c (1915) Bot. 281; EPFP 3 (1923) 192. --Type:

Medinilla bagobo Elmer, LPB 4 (1911) 1212; --Merr., EPFP 3 (1923) 193. --Type:

Medinilla duodecandra Merr., PJS 8 c (1913) Bot. 229; EPFP 3 (1923) 197. --Type:

Medinilla mirandae Merr., PJS 8 c (1913) Bot. 231; EPFP 3 (1923) 200. --Type:

Medinilla mindanaensis Merr., Govt. Lab. Publ. (Philipp.) 29 (1905) 34; ; EPFP 3 (1923) 200. --Type:

Medinilla pachyphylla Elmer, LPB 10 (1939) 3665, not validly published, no Latin description. --Voucher:

Medinilla subumbellata Merr., PJS 8 c (1913) Bot. 232; EPFP 3 (1923) 204. --Type:
Medinilla trianae Merr., PJS 12 c (1917) Bot. 352; EPFP 3 (1923) 205. --Type:
Medinilla verticillata Merr., Govt. Lab. Publ. (Philipp.) 29 (1905) 34; EPFP 3 (1923) 205. --Type:
Sumatra, Peninsular Malaysia, Java, Borneo, Philippines. LUZON, MINDORO,
PALAWAN, PANAY, LEYTE, SAMAR, CAMIGUIN, MINDANAO. Primary forests, 300-
500m.

Medinilla radciflora Quisumb. & Merr., PJS 37 (1928) 180; --Regalado, Blumea 40 (1995) 126.
--Type: BS 49544 Ramos & Edaño (PNH, holo, lost; lecto designated by Regalado in US*; isolecto in NY*,
UC). Mindanao: Davao Oriental prov., Mt Mayo.
MINDANAO: Bukidnon and Davao Oriental. Damp forested streams, c. 750m.

Medinilla ramiflora Merr., Govt. Lab. Publ. (Philipp.) 29 (1905) 35; EPFP 3 (1923) 203; --
Regalado, Blumea 40 (1995) 169. --Type: Whitford 148 (PNH, holo, lost; lecto designated
by Regalado in US; isolecto in NY*). Luzon: Bataan prov., Mt Mariveles, Lamao River.
Medinilla weberi Merr., PJS 8 c (1913) Bot. 235; EPFP 3 (1923) 205. --Type: Weber 1009 (PNH, holo,
lost; lecto designated by Regalado in US*;
isolecto in A, CAS, GH). Mindanao: Agusan
del Norte prov., Mt Hilong-hilong.
LUZON, MINDORO, PANAY, NEGROS, MINDANAO. Exposed ridges of mossy forests,
1000-2500m.

Medinilla robinsonii Elmer, LPB 4 (1911) 1228; --Merr., EPFP 3 (1923) 203; --Regalado, Blumea 40
(1995) 165. --Type:
Medinilla rolfei Merr., PJS 8 c (1913) Bot. 230; EPFP 3 (1923) 203. --Type:
LUZON, NEGROS. Mossy forests, 1300-2000m.

Medinilla sessilifolia Merr., PJS 8 c (1913) Bot. 234; EPFP 3 (1923) 203; --Regalado, Blumea
40 (1995) 170. --Type: BS 16145 Reillo (PNH, holo, lost; lecto designated by Regalado in
BM). Basilan: Cumalarang.
Medinilla myrmecorhiza Regalado, Blumea 35 (1990) 44. --Type from Brunei.
Borneo and the Philippines. BASILAN, known only from a single collection. Lowland
dipterocarp forest, 150-400m.

Medinilla setigera (Blume) Miq., Fl. Ned. Ind. 1 (1855) 550; --Regalado, Blumea 40 (1995) 179.
--Type from Sumatra.
Medinilla cogniauxii Merr., PJS 3 c (1908) Bot. 249; EPFP 3 (1923) 195. --Type: Cuming 1487 (K, holo;
iso in L). Luzon: Batangas prov.
Medinilla cogniauxii Merr. var. *angustifolia* Merr., PJS 3 c (1908) Bot. 250; EPFP 3 (1923) 195. --Type: FB
4567 Mearns & Hutchinson (PNH, holo, lost;
lecto designated by Regalado in US*,
isolecto in NY*). Mindanao: Misamis Occidental
prov., Mt Malindang.
Medinilla curtiflora Elmer, LPB 10 (1939) 3662, invalidly published, no Latin description. --Vouchers: Elmer
14368 (A, GH, L*, MO*, NY*, S, U, UC, US),
Elmer 15179 (A, GH, L*, MO*, NY*, S, U, UC, US),
Elmer 15643 (A, GH, L*, MO*, NA*, NY*, S, U,
UC, US). Luzon: Sorsogon prov., Mt Bulusan.
Medinilla involuocrata Merr., Govt. Lab. Publ. (Philipp.) 35 (1906) 51; EPFP 3 (1923) 198. --Type: McGregor
328 (PNH, holo, lost; lecto designated by
Regalado in US*, isolecto in NY*). Mindoro:
Mindoro Oriental prov., Baco River.
Sumatra, Borneo and widespread throughout the Philippines. Forests, altitude 150-
1000m.

Medinilla stenobotrys Merr., PJS 12 c (1917) 350; --Regalado, Blumea 40 (1995) 130. --Type:
BS 28355 Fenix (PNH, holo, lost; lecto designated by Regalado in US*; isolecto in A,

- NY*). Luzon: Apayao prov., Mt Sulu.
 LUZON: Apayao, Kalinga, Isabela (Palanan), Quezon. Forests along streams, (40) 600-800m.
- Medinilla sulcata** Quisumb. & Merr., PJS 37 (1928) 181; --Regalado, Blumea 40 (1995) 160.
 --Type: BS 46549 Ramos & Edano (PNH, holo, lost; lecto US*, designated by Regalado (1995), isolecto in A, K, NY*, UC).
 LUZON: Cagayan, Peñablanca. Known only from the type collection. Forested stream at low elevation.
- Medinilla surigaoensis** Regalado, Blumea 40 (1995) 153; --Medinilla wenzelii Quisumb. & Merr., PJS 37 (1928) 182, *non* Medinilla wenzelii Merr. 1915. --Type: Wenzel 3021 (UC*, holo; iso in A, CAS, MO, NY). Mindanao: Surigao del Norte prov., Placer.
 LUZON, POLILLO, MINDANAO: Surigao del Norte. Lowland forests, 0-150m.
- Medinilla tayabensis** Merr., PJS 12 c (1917) 351; EPFP 3 (1923) 204; --Regalado, Blumea 40 (1995) 141. --Type: BS 28605 Ramos & Edaña (US*, lecto, designated by Regalado, 1995). Luzon: Quezon prov., Mt Binuang, May 1917.
 LUZON: Ilocos Norte, Quezon (Mt Binuang). Mossy forests, c. 700m.
- Medinilla tenuipes** Merr., PJS 12 c (1917) 353; EPFP 3 (1923) 204; --Regalado, Blumea 40 (1995) 185. --Type:
 LEYTE, MINDANAO: Zamboanga. Mossy forests, c. 800m.
- Medinilla ternifolia** Triana, Trans. Linn. Soc. 28 (1871) 88; --Merr., EPFP 3 (1923) 204; --Regalado, Blumea 40 (1995) 176, Fig. 15. --Type: Jager s.n. (B, holo, lost). Luzon. Neotype: Merrill Philipp. Pl. 418 (US). Luzon: Laguna prov., Mt Makiling.
 LUZON, MINDORO, PANAY, NEGROS, MINDANAO. Primary forests at medium altitudes, ascending to **xxxx**m.
- Medinilla teysmannii** Miq., Ann. Mus. Lugd.-Bat. 1 (1864) 217; --Merr., EPFP 3 (1923) 204; --Regalado, Blumea 40 (1995) 135, Fig. 4. --Type:
 Medinilla albiflora Merr., PJS 8 c (1913) Bot. 385; EPFP 3 (1923) 192. --Type:
 Sulawesi, Moluccas, and the Philippines. LUZON, PANAY, NEGROS, LEYTE, SAMAR, MINDANAO. Riverine forests and along slopes and ridges in mossy forests, altitude 700-1200 (-1800)m.
- Medinilla umbellata** Merr., PJS 17 (1920) 299; EPFP 3 (1923) 205; --Regalado, Blumea 40 (1995) 161. --Type: BS 34744 Ramos & Pascasio (PNH, holo, lost; lecto, designated by Regalado, in US*; isolecto in K). Mindanao: Surigao del Norte prov., lowland streamside forest, Jun 1919.
 MINDANAO: Surigao. Low altitude forests along stream. Known from two collections.
- Medinilla umbrina** Elmer, LPB 4 (1911) 1215; --Merr., EPFP 3 (1923) 205; --Regalado, Blumea 40 (1995) 161. --Type: Elmer 11496 (PNH, holo, lost; lecto, designated by Regalado, in US; isolecto in A, BISH, CAS, GH, L, MO*, NY*). Mindanao: Davao, Mt Apo, Todaya.
 MINDANAO: Bukidnon, Davao (Mt Apo). Forested ravines, 1800-2000m. Known from two collections.
- Medinilla venosa** (Blume) Blume, Flora 14 (1831) 518; --Merr., EPFP 3 (1923) 205; --Regalado, Blumea 40 (1995) 171, Fig. 14; --Melastoma venosum Blume, Bijdr. (1826) 1075. --Type from the Moluccas (Ternate).
 Medinilla luzonensis JD Hook. ex Triana, Trans. Linn. Soc. 28 (1871) 88; --Merr., EPFP 3 (1923) 198. --Type: Lobb s.n. (K, holo). Luzon.
 Medinilla philippensis (Cham. & Schlecht.) Merr., PJS 3 c (1908) Bot. 248; EPFP 3 (1923) 202; --Axanthes

(1829) 193. --Type: Chamisso s.n. (B, holo, lost).
Regalado, 1995): BS 1341 Mangubat (US). Luzon:
Medinilla williamsii C Robinson, PJS 3 c (1908) Bot. 208; EPFP 3 (1923) 206. --Type: Williams 2412 (PNH, holo, lost; lecto designated by Regalado in NY*; isolecto in GH, US*). Mindanao: Zamboanga, Sax 00120639) is actually the one labeled as lectotype
philippensis Cham. & Schlecht., Linnaea 4
Luzon: Cavite prov. Neotype (designated by Cavite prov.
River. Note: The US sheet (US 707951, barcode by Regalado.
Moluccas, Sulawesi and the Philippines. LUZON, ALABAT, CATANDUANES, NEGROS, MINDANAO. Naturalized to a limited extent in Maui, Hawaii. Forest slopes and ridges, 350-1000m.

Medinilla whitfordii Merr., Govt. Lab. Publ. (Philipp.) 29 (1905) 37; EPFP 3 (1923) 205; --Regalado, Blumea 40 (1995) 149, Fig. 10.
Medinilla pulogensis Merr., PJS 5 c (1910) Bot. 368; EPFP 3 (1923) 203.
LUZON: Ifugao (Mt Polis), Benguet (Mt Pulog), Cagayan (Mt Cetaceo), Quezon (Mt Banahaw), Albay (Mt Mayon), NEGROS (Mt Canlaon). Mossy forests in high mountains.

Insufficiently known:

Medinilla bicolor Merr., PJS 3 c (1908) 152; EPFP 3 (1923) 193; --Regalado, Blumea 40 (1995) 187. --(Syn)types: Clemens 514 and 885. Mindanao: Lanao del Sur prov., Camp Keithley. Not traced by Regalado.

Medinilla copelandii Merr., Govt. Lab. Publ. (Philipp.) 35 (1906) 52; EPFP 3 (1923) 195; --Regalado, Blumea 40 (1995) 187. --Type: Copeland, s.n. Mindanao: Zamboanga, San Ramon. Not traced by Regalado.
Medinilla pumilis Elmer, LPB 4 (1911) 1217; --Merr., EPFP 3 (1923) 203 ('pumila'); --Regalado, Blumea 40 (1995) 187. --Type: Elmer 10533 (PNH, holo, lost; iso in BISH, BM, F, L, MO*, NY*, US*). Mindanao: Davao, Mt Apo (Todaya).

Medinilla lateralis Merr., PJS 8 c (1913) Bot. 232; EPFP 3 (1923) 198; --Regalado, Blumea 40 (1995) 187. --Type: Merrill 8292. Mindanao: Zamboanga, Sax River Mountains. Not traced by Regalado.

Medinilla parva Merr., PJS 8 c (1913) Bot. 243; EPFP 3 (1923) 202; --Regalado, Blumea 40 (1995) 187. --Type: Robinson 9398 (PNH, holo, lost; not traced by Regalado). Luzon: Quezon prov., Infanta, Mt Binuang.

Philippine distribution not accounted for in Regalado's revision:

Medinilla hasseltii Blume, Flora 14 (1831) 513; --Merr., EPFP 3 (1923) 197. --Type from Java. Sumatra, Peninsular Malaysia, Borneo, Java, Philippines. PANAY: Capiz (Jamindan), BASILAN. Forests along streams at medium altitudes.

9. Melastoma Linnaeus

Revision:

Mayer, K. 2001. *Revision of the SE Asian genus Melastoma (Melastomataceae)*. Blumea 46: 351-398

Melastoma bensonii Merr., PJS 5 c (1910) Bot. 367; EPFP 3 (1923) 185; --Type: FB 18103 Curran (K, P).

LUZON: Mountain Province, Benguet (Mt Pulag; Pauai; Mt Sto Tomas; Baguio).
Montane forests, altitude 2000-2400m.

Melastoma crinitum Naudin, Ann. Sc. Nat. Bot., ser. 3, 13 (1850) 280; --Merr., EPFP 3 (1923)

187, *pro syn.* *M. penicillatum*. --Type: Cuming 853 (BM, K, P), Luzon: Albay prov.

Melastoma penicillatum Naudin, Ann. Sc. Nat. Bot., ser. 3, 13 (1850) 280; --Merr., EPFP 3 (1923) 187. --

Type: Cuming 1747 (BM, K, P). Leyte:

Extra-Philippine Range? LUZON: Ilocos Norte, Ifugao, Cagayan, Isabela, Rizal, Laguna, Quezon, Albay, Sorsogon, ALABAT, PANAY, NEGROS, LEYTE, MINDANAO. Primary forests at low and medium altitudes.

Melastoma cyanoides Sm., Cycl. 23 (1819) n. 56-57; --K Meyer, Blumea 46 (2001) 359.

Otanthera manillana (DC) Triana, Trans. Linn. Soc. London 28 (1871) 56; --EPFP 3 (1923) 185. --Type:

Otanthera crinita Naudin, Ann. Sc. Nat. Bot., ser. 3, 13 (1849) 354; --EPFP 3 (1923) 185. --Type: Cuming 928 (BM, K), Luzon: Albay prov.

Otanthera strigosa Merr., PJS 14 (1919) 433; EPFP 3 (1923) 185. --Type: BS 33079 Ramos (L, P), Luzon: Ilocos Norte prov., Bangui to Claveria, Aug 1918.

Melastoma moluccanum Blume, Bijdr. 17 (1826) 1078.

Otanthera parviflora Merr., PJS 12 c (1917) Bot. 355; --EPFP 3 (1923) 185. --Type: Merrill 8082 (K),

Mindanao: Zamboanga, Sax River, Mtns back of San Ramon.

Extra-Philippine distribution?

As *Otanthera parviflora*: MINDANAO: Zamboanga. Damp shaded ravines and on ridges, altitude 800-1100m.

Melastoma imbricatum Wall. ex CB Clarke, Fl. Br. India 2 (1879) 524. --Type:

India, Peninsular Malaysia,

Melastoma malabathricum L., Sp. Pl. (1753) 390; --Merr., EPFP 3 (1923) 186. --Type:

Melastoma polyanthum Blume, Flora 14 (1831) 481; --Merr., EPFP 3 (1923) 188.

Melastoma pinatubense Elmer, LPB 9 (1934) 3204. --Type: Elmer 22233 (BM, C, K, L, P, SING), Luzon: Pampanga prov., Mt Pinatubo

Melastoma parvifolium Merr., Govt. Lab. Publ. (Philipp.) 29 (1905) 32; --Merr., EPFP 3 (1923) 187.

Melastoma membranaceum Merr., PJS 3 c (1908) Bot. 423. --EPFP 3 (1923) 187. --Type: BS 3798 Fenix (K), Batanes:

Melastoma holmani Elmer, LPB 8 (1919) 3089; --EPFP 3 (1923) 186. --Type: Elmer 18479, Luzon: Laguna prov., Mt Makiling.

Melastoma homostegium Naudin, Ann. Sc. Nat. Bot., ser. 3, 13 (1850) 256; --Merr., EPFP 3 (1923) 186. --Type: Cuming 927 (BM, K, P). Luzon: Rizal prov., Manila.

Melastoma candidum Merr., EPFP 3 (1923) 186 *non* D Don (1823).

Melastoma lanaense Merr., PJS 3 c (1908) Bot. 153; EPFP 3 (1923) 186. --Type: Clemens 836, Mindanao: Lanao del Sur prov., Camp Keithley.

ssp. malabathricum

Mauritius, Seychelles, S and SE Asia, S China, Taiwan, Australia, Micronesia, Melanesia, Polynesia. Throughout the Philippines in most or all islands and provinces.

ssp. normale (D Don) K Meyer, Blumea 46 (2001) 368; --*Melastoma malabathricum* var. *normale* (D

Don) RC Srivastava, Novon 8 (1998) 203; --*Melastoma normale* D Don, Prodr. Fl. Nepal. (1825) 220; --EPFP 3 (1923) 187.

India, S China, Peninsular Malaysia, Philippines

Melastoma pellegrinianum (H. Boissieu) K Meyer, Blumea 46 (2001) 374; --Dissotis

pellegriniana H. Boissieu, Bull. Soc. Bot. France 59 (1912) 330. --Type from Vietnam.

Vietnam,

Melastoma sanguineum Sims, Bot. Mag. 48 (1821) t. 2241.

var. sanguineum

China, Malaya

Melastoma toppingii Merr., Govt. Lab. Publ. (Philipp.) 17 (1904) 32; --EPFP 3 (1923) 188; --K Meyer, Blumea 46 (2001) 387. --Type: Le Roy Topping 17 (not seen). Luzon: Benguet prov., Baguio.

Species dubiae

Melastoma culionense Merr., PJS 12 c (1917) Bot. 353; EPFP 3 (1923) 186. --Type: BS 21647 Escritor. Culion: Halsey Harbor.

Near *M. sanguineum* var. *laevifolium* (Merr.) K Meyer? (K Meyer, Blumea 46 (2001) 390).

Otanthera luzoniensis (Quisumb. & Merr.) C. Hansen, Ginkgoana 4 (1977) 122; --*Osbeckia luzoniensis* Quisumb. & Merr., PJS 37 (1928) 184. --Type: BS 45719 Ramos (K). Luzon: Aurora prov., Mt Alzapan.

"The only collection of this species is without stamens, therefore it cannot be decided if this plant belongs to *Osbeckia* or *Otanthera* (= *Melastoma*). With its stellate hypanthium emergences and the strigose leaves it is similar to *M. beccarianum* Cogn., but the sparse branch indumenta and the type locality suggest a new species". --K Meyer, Blumea 46 (2001) 391.

Otanthera macgregorii Merr., PJS 12 c (1917) Bot. 356; EPFP 3 (1923) 185; --Type: BS 14408 McGregor (PNH?), Luzon: Nueva Vizcaya prov., Imugan.

"Merrill allied this species to *Otanthera celebica* Blume (= *M. moluccanum* Blume) which is most likely the correct name for this species". --K Meyer, Blumea 46 (2001) 392.

Melastoma subalbidum Merr., PJS 12 c (1917) Bot. 354; EPFP 3 (1923) 188. --Type: BS 19835 McGregor (K, P, PNH). Luzon: Ifugao prov., Mt Polis.

Possibly near *M. moluccanum* Blume with its short appressed hypanthium scales and the loose inflorescence [K Meyer, Blumea 46 (2001) 391].

Nomina nuda:

Melastoma tetragonum Merr., label on collection BS 38915 Ramos (K, L, P, PNH).

Melastoma mindanaense Merr., label on collection BS 38481 Ramos (K, L, P).

Melastoma palawanense Merr., label on collection Merrill 7214 (K).

Otanthera ramosii Merr., label on collection BS 42299 Ramos (C).

10. Ochthocharis Blume

Revision:

Kew Bulletin 36 (1981) 13

Ochthocharis javanica Blume, Flora 14 (1831) 523; --Merr., EPFP 3 (1923) 189.

var. javanica

Tenasserim, Sumatra, Peninsular Malaysia, Java, Banka, Billiton, Borneo, Philippines. MINDORO. Mangrove swamps.

var. longipetiolata Merr., PJS 2 c (1907) Bot. 425; EPFP 3 (1923) 189. --Syntypes: Merrill 6226 (NY*, US*). Mindoro: Subaan, in mangrove, Dec1906; FB 5488 Merritt (not seen). Mindoro: Mindoro

Oriental prov., Baco River, in mangrove, November 1906.
MINDORO. Mangrove swamps.

11. *Osbeckia* Linnaeus

Osbeckia chinensis L., Sp. Pl. (1753) 490; --Merr., EPFP 3 (1923) 189.

Otanthera Blume =Melastoma

12. *Pachycentria* Blume

Revision:

Clausing, G. 2000. *Revision of Pachycentria (Melastomataceae)*. Blumea 45: 341-375.

Pachycentria constricta (Blume) Blume, Flora 14 (1831) 520; --Clausing, Blumea 45 (2000) 351.
Pachycentria formicaria Merr., PJS 1 (1906) Suppl. 215; --EPFP 3 (1923) 206. --Type: Clemens 433 (PNH, holo, lost; lecto A). Mindanao: Lanao del Sur prov., Camp Keithley.

S Myanmar, Thailand, Peninsular Malaysia, Sumatra, Borneo, Java, Sulawesi and Philippines: MINDANAO: Zamboanga, Lanao, and another area in NE MINDANAO, possibly Agusan, (*fide* Clausing's distribution map). In Mindanao reportedly an epiphyte, altitude 700m.

Pachycentria pulverulenta (Jack) Clausing, Blumea 45 (2000) 362.

Pogonanthera reflexa Reinw. ex Blume, Flora 14 (1831) 521; --Merr., EPFP 3 (1923) 192. --Type from Java. Thailand, Peninsular Malaysia, Sumatra, Borneo, Java, Sulawesi, Moluccas, New Guinea and Philippines: LUZON: Cagayan, Isabela, Aurora, Quezon, Laguna, Camarines, Sorsogon, MINDORO, SAMAR, LEYTE, NEGROS, PANAY, DINAGAT, MINDANAO, BASILAN, JOLO. Various types of primary and secondary forests, mangroves, to 600m, usually epiphytic.

Pogonanthera Blume =Pachycentria

13. *Sarcopyramis* Wallich

Sarcopyramis nepalensis Wall., Tent. Fl. Nep. 32 (1xxx), t. 23

Sarcopyramis delicata C Robinson, Bull. Torr. Bot. Club 35 (1908) 72, 75; --Merr., EPFP 3 (1923) 189. --Type:

14. *Sonerila* Roxburgh

Sonerila tenera Royle, Illustr. Himal. Pl. (1839) 215, t. 45, Fig. 2; --Merr., EPFP 3 (1923) 190.

Sonerila woodii Merr., PJS 2 c (1907) Bot. 286; EPFP 3 (1923) 190. --Type: