

Family 67. LORANTHACEAE

Revisions:

Barlow, BA. 1997. *Loranthaceae*. Flora Malesiana ser. 1, 13: 209-401.

Danser, BH. 1931. *The Loranthaceae of the Netherlands Indies*. Bulletin du Jardin Botanique du Buitenzorg ser. 3, 11: 233-519.

Danser, BH. 1935. *A revision of the Philippine Loranthaceae*. Philippine Journal of Science 58: 1-151. (Treats both Loranthaceae and Viscaceae)

1. *Amyema* Tieghem

Revision:

Barlow, BA. 1991: *Conspectus of the genus Amyema Tieghem (Loranthaceae)*. Blumea 36: 293-381.

***Amyema acuta* (Tieghem) Danser**, Bull. Jard. Bot. Buitenz. 3, 10 (1929) 293; --Danser, PJS 58 (1935) 74; --Barlow, Blumea 36 (1992) 313; --Tieghem Engl., Nat. Pflanzenfam. Nachtr. 1 (1897) 128; --Merr., PJS 4 c (1909) Bot. 135; --EPFP 2 (1923) 102; --Stemmatophyllum acutum Tiegh., Bull. Soc. Bot. France 41 (1894) 546. --Type: Cuming 1973. "Manila".

Amyema medinillicola (Merr.) Danser, Bull. Jard. Bot. Buitenz. 3, 10 (1929) 297; PJS 58 (1935) 76; --*Loranthus medinillicola* Merr., PJS 9 c (1914) Bot. 287; --Merr., EPFP 2 (1923) 106. --Type: BS 19842 (US, lecto). Luzon: Ifugao prov., Mt Polis, Feb 1913.

Amyema mosea Danser, PJS 58 (1935) 77, pl. 1, Figs. 5-7. --Type: BS 47338 (UC, lecto). Luzon: Isabela prov., Mt Moisés, Mar 1926.

LUZON. Primary forests, (600) to 1200-2400m. Hosts not recorded.

***Amyema apoensis* (Elmer) Barlow**, Blumea 36 (1991) 308; Fl. Males. ser. 1, 13 (1997) 240; --*Dicymanthes apoensis* (Elmer) Danser, Bull. Jard. Bot. Buitenz. 3, 10 (1929) 311; --*Loranthus apoensis* Elmer, LPB 3 (1911) 1073; --Merr., EPFP 2 (1923) 102. --Type: Elmer 11454 (L*, lecto, chosen by Barlow, 1991, isolecto: MO*, NY*, U*, US*). Mindanao: Davao, Mt Apo, Todaya. Deep wooded ravines, alt. 7000ft.

MINDANAO: Davao (Mt Apo). Humid forests, 1830-2130m. Only recorded host is a *Ficus*.

***Amyema beccarii* (Tieghem) Danser**, Bull. Jard. Bot. Buitenz. 3, 10 (1929) 294; --Barlow, Blumea 36 (1992) 313; Fl. Males. ser. 1, 13 (1997) 243, Fig. 4, 9g, h; --*Stemmatophyllum beccarii* Tiegh., Bull. Soc. Bot. France 41 (1894) 546. --Type from Sarawak.

Amyema nodosa (Tieghem) Danser, Bull. Jard. Bot. Buitenz. 3, 10 (1929) 297; PJS 58 (1935) 87; --*Loranthus nodosus* Tieghem in Engl. Nat. Pflanzfam. Nachtr. 1 (1897) 128, non Desr.; --*Stemmatophyllum nodosum* Tieghem, Bull. Soc. Bot. Fr. 41 (1894) 506, 546. --Type: Cuming 1952 (P, lecto, chosen by Barlow, 1991; isolecto: BM, K). Philippines, no further locality cited, 1841.

Amyema hutchinsonii (Merr.) Danser, Bull. Jard. Bot. Buitenz. 3, 10 (1929) 297; --*Loranthus hutchinsonii* Merr., --PJS 4 c (1909) Bot. 138; --Merr., EPFP 2 (1923) 105. --Type: FB 4554 Mearns & Hutchinson (L, lecto, chosen by Barlow 1991). Mindanao: Misamis Occidental prov., Mt Malindang, altitude 1100m, May 1906.

Loranthus merrittii Merr., PJS 4 c (1909) Bot. 134; --Fl. Manila (1912) 184.

Thailand, Banka, Borneo, Philippines, Sulawesi, Moluccas (Sula Isls: Taliabu). LUZON, PALAWAN, MINDANAO. Mostly in humid forests, 0-1300m altitude. Recorded hosts: *Barringtonia*, *Gonystylus*, *Melastoma*, *Palaquium*, *Psychotria*, and *Schima*.

***Amyema benguetensis* (Merr.) Danser**, Bull. Jard. Bot. Buitenz. 3, 10 (1929) 294; PJS 58 (1935) 73; --Barlow, Blumea 36 (1991) 314; Fl. Males. ser. 1, 13 (1997) 244; --*Loranthus benguetensis* Merr., PJS 4 c (1909) Bot. 134; EPFP 2 (1923) 103. --Type: FB 16064 Curran, Merritt & Zschokke (US*, lecto, chosen by Barlow, 1991; Isolecto in NY*). Luzon: Benguet prov., Mt Pulag. On pine,

altitude 1200m, Jan 1909.

LUZON: Benguet (Mt Pulag). Alt. 1200-1600m. Only recorded host: *Pinus kesiya* ssp. *insularis*. Hosts other than dicotyledons are rare in Loranthaceae.

Amyema cauliflora (Merr.) Barlow, *Blumea* 36 (1991) 319; *Fl. Males. ser. 1*, 13 (1997) 245; --*Dicymanthes cauliflora* (Merr.) Danser, *Bull. Jard. Bot. Buitenz.* 3, 10 (1929) 311; *PJS* 58 (1935) 93; --*Loranthus cauliflorus* Merr., *PJS* 1 (1906) Suppl. 185; --Merr., *EPFP* 2 (1923) 103. --Type: Clemens 55 (M, probably not extant). Mindanao: Lanao del Sur prov., Lake Lanao, W of Camp Keithley.

MINDANAO. Once recorded from 1000m; no host recorded.

Amyema celebica (Tieghem) Danser, *Bull. Jard. Bot. Buitenz.* 3, 10 (1929) 294; *PJS* 58 (1935) 80; --Barlow, *Blumea* 36 (1991) 319; *Fl. Males. ser. 1*, 13 (1997) 246, Fig. 3e; --*Rhizanthemum celebicum* Tiegh. *in Moench* *Fl. Ind. Néerl.* 1 (1859) 103; --Loranthus *bicoloratus* Elmer, *LPB* 2 (1908) 470; --Merr., *EPFP* 2 (1923) 103. --Type: *Amyema basilanensis* (Merr.) Danser, *Bull. Jard. Bot. Buitenz.* 3, 10 (1929) 294; *PJS* 58 (1935) 82; --*Loranthus basilanensis* Merr., *PJS* 4 c (1909) Bot. 134; --Merr., *EPFP* 2 (1923) 102. --Type: *Amyema lanaensis* (Merr.) Danser, *Bull. Jard. Bot. Buitenz.* 3, 10 (1929) 296; --*Loranthus lanaensis* Merr., *PJS* 4 c (1909) Bot. 136; --Merr., *EPFP* 2 (1923) 105. --Type:

Philippines, Sulawesi, Lesser Sunda Isls (Sumba, Flores). MINDORO, NEGROS, BASILAN, MINDANAO. Mostly from 0-700m but less frequently to 1900m; no host recorded.

Amyema cuernosensis (Elmer) Barlow, *Blumea* 36 (1991) 323; *Fl. Males. ser. 1*, 13 (1997) 248; --*Dicymanthes cuernosensis* (Elmer) Danser, *Bull. Jard. Bot. Buitenz.* 3, 10 (1929) 311; *PJS* 58 (1935) 98; --*Loranthus cuernosensis* Elmer, *LPB* 2 (1908) 469; --Merr., *PJS* 4 c (1909) Bot. 138; --*EPFP* 2 (1923) 103. --Type: Elmer 9525 (L*, lecto, chosen by Barlow, 1991; iso: MO*, NY* 2 sheets, U*, US*). Negros: Negros Oriental prov., Cuernos Mtns, Mar 1908. *Loranthus falcatifolius* Merr., *PJS* 9 c (1914) Bot. 286; --*EPFP* 2 (1923) 104. --Type: BS 15746 E Fenix (US*, iso). Mindanao: Bukidnon prov., Aug 1912.

Java, Lesser Sunda Isls (Bali; Lombok; Flores), Philippines, Sulawesi. NEGROS: Negros Oriental (Cuernos Mtns), MINDANAO: Bukidnon. Only recorded host: *Lantana camara* L.

Amyema curranii (Merr.) Danser, *Bull. Jard. Bot. Buitenz.* 3, 10 (1929) 294; *PJS* 58 (1935) 66; --*Loranthus curranii* Merr., *PJS* 4 c (1909) Bot. 144; --*EPFP* 2 (1923) 104. --Type: FB 5035 Curran (lost). Luzon: Benguet prov., Mt Sto Tomas, altitude 2250m, on *Podocarpus*. --Neotype (designated by Barlow, 1991): Jacobs 7578 (L, neo). Luzon: Benguet prov., Mt Tabayoc. LUZON. Altitude 1200-2400m. No hosts recorded.

Amyema edanoi (Merr.) Barlow, *Blumea* 36 (1991) 328; *Fl. Males. ser. 1*, 13 (1997) 251, Fig. 5a-c; --*Dicymanthes edanoi* (Merr.) Danser, *Bull. Jard. Bot. Buitenz.* 3, 10 (1929) 311; *PJS* 58 (1935) 94, 'edanoi'; --*Loranthus edanoi* Merr., *PJS* 13 c (1918) Bot. 275; --*EPFP* 2 (1923) 104. --Type: BS 26241 Ramos & Edaña (US*, lecto, designated by Barlow, 1991; isolecto NY*, P). Luzon: Nueva Ecija prov., Mt Umingan [=Mingan], altitude 40m, Aug-Sept 1916.

Dicymanthes samarensis (Merr.) Danser, *Bull. Jard. Bot. Buitenz.* 3, 10 (1929) 311; *PJS* 58 (1935) 96. --*Loranthus samarensis* Merr., *PJS* 13 c (1918) Bot. 276; --*EPFP* 2 (1923) 109. --Type: BS 24265 Ramos & Edaña (US*, lecto, designated by Barlow 1991). Samar: Catubig River, altitude 12m, Feb-Mar 1916.

Dicymanthes suluana Danser, *PJS* 58 (1935) 97, pl. 2, Figs. 6-10. --Type: BS 43894 Ramos & Edaña (UC, lecto, designated by Barlow, 1991; isolecto: BO, NY*, P). Jolo: Mt Dajo, altitude 2000ft [=600m], Sept 1924.

Philippines, Sulawesi. LUZON, CATANDUANES, BILIRAN, LEYTE, SAMAR, JOLO, MINDANAO,

Recorded hosts: *Ficus* and *Zanthoxylum*.

Amyema fasciculata (Blume) Danser, *Bull. Jard. Bot. Buitenz.* 3, 10 (1929) 295; *PJS* 58 (1935) 84; --Barlow, *Blumea* 36 (1991) 330; *Fl. Males. ser. 1*, 13 (1997) 251, Fig. 9e, f; --*Loranthus*

fasciculatus Blume, Bijdr. 13 (1825) 661. –Type from Java.
Amyema aquilonia Danser, PJS 58 (1935) 86, pl. 2, Figs. 2-5. –Type: BS 33296 Ramos. Luzon: Ilocos Norte prov., Mt Palimlim, altitude 1050m, Aug 1918.
Loranthus mirabilis van Huerck & Muell.-Arg., Act. Soc. Helv. Sc. Nat. 55 (1872) 47; –Merr., PJS 1 Suppl. (1906) 187, excl. specim.; PJS 4 c (1909) Bot. 135; –EPFP 2 (1923) 107.
Loranthus maganda Elmer, LPB 9 (1934) 3201, **syn. nov.** –Type: Elmer 22319 (MO*, NY*, US*, iso). Luzon: Pampanga prov., Mt Pinatubo, Camp Stotsenburg, May 1927.
Java, Borneo, Philippines, southeastwards to New Guinea (Bird's Head Peninsula).
No hosts recorded.

Amyema haenkeana (Schultes) Danser, Bull. Jard. Bot. Buitenz. 3, 10 (1929) 295; PJS 58 (1935) 63; –Barlow, Fl. Males. ser. 1, 13 (1997) 253; –Loranthus haenkeanus C Presl ex Schultes, Syst. Veg. 7, 1 (1829) 113; –Merr., EPFP 2 (1923) 104. –Type: Haenke *sn.* (UC, possible iso). Philippines. No further locality data.
Loranthus eucalyptiphyllus Merr., PJS 9 c (1915) Bot. 444; –EPFP 2 (1923) 104. –Type: Vanoverbergh 1505 (P, lecto, designated by Barlow, 1991). Luzon: Mountain Province, Jul 1913.
Loranthus halconensis Merr., PJS 4 c (1909) Bot. 143, *pro parte*; –Merr. & Merritt, PJS 5 c (1910) 345; –EPFP 2 (1923) 105, *pro parte, non Merr.*, PJS 2 c (1907) 271.
LUZON, MINDORO, SIBUYAN, CALAMIANES. Altitude 0-450m. No hosts recorded.

Amyema halconensis (Merr.) Danser, Bull. Jard. Bot. Buitenz. 3, 10 (1929) 296; PJS 58 (1935) 69; –Barlow, Fl. Males. ser. 1, 13 (1997) 254; –Loranthus halconensis Merr., PJS 2 c (1907) Bot. 271. –EPFP 2 (1923) 105. –Type: Merrill 5664 (US*, lecto, designated by Barlow, 1991; isolecto NY*). Mindoro: Mindoro Oriental prov., Mt Halcon, Nov 1906.
Loranthus spraguei Merr., –PJS 7 c (1912) Bot. 263; –Merr., EPFP 2 (1923) 110. –Type: Philippines.
Lowlands, only recorded from 0-100m altitudes; no hosts recorded.

Amyema hexantha (Merr.) Barlow, Blumea 36 (1991) 340; Fl. Males. ser. 1, 13 (1997) 256; – 191; –Loranthus hexanthus Merr., PJS 4 c (1909) Bot. 137; –Merr., EPFP 2 (1923) 105. –Type: RS Williams 2565 (NY*, lecto, designated by Barlow, 1991; isolecto: NY*, US*). Mindanao: Davao, Mt Apo, altitude 2800ft [=850m], 4 Apr 1905.
MINDANAO. Altitude 850-1800m; no hosts recorded.

Amyema incarnatiflora (Elmer) Danser, Bull. Jard. Bot. Buitenz. 3, 10 (1929) 296; PJS 58 (1935) 70; –Barlow, Fl. Males. ser. 1, 13 (1997) 257; –Loranthus incarnatiflorus Elmer, LPB 6 (1913) 1969; –Merr., EPFP 2 (1923) 109. –Type: Elmer 13741 (L*, lecto, designated by Barlow, 1991; isolecto: MO*, NA*, NY* 2 sheets, US*). Mindanao: Davao, Mt Apo, Todaya, humid forest at 4000ft', Sept 1909.
Loranthus preslii Elmer, LPB 6 (1913) 1970; –Merr., EPFP 2 (1923) 109. –Type: Elmer 13741 (L*, lecto, designated by Barlow, 1991; isolecto: MO*, NA*, NY* 2 sheets, US*). Mindanao: Agusan del Norte prov., Mt Urdaneta [=Mt Hilong-hilong], Sept 1912.
Loranthus fenicis Merr., PJS 9 c (1915) Bot. 281; –EPFP 2 (1923) 104. –Type:
Loranthus maritimus Merr., PJS 9 c (1914) Bot. 282; –Merr., EPFP 2 (1923) 106. –Type: BS 15824 E Fenix (US*, iso). Mindanao: Surigao prov., Aug 1918.
LUZON: Ilocos Sur, Cagayan, MINDANAO: Lanao, Davao (Mt Apo), Davao Oriental, Agusan del Norte, Surigao. Altitude: 0-1725m; no hosts recorded.

Amyema luzonensis (Schultes) Danser, Bull. Jard. Bot. Buitenz. 3, 10 (1929) 296; PJS 58 (1935) 72; –Barlow, Fl. Males. ser. 1, 13 (1997) 258; –Loranthus luzonensis Schultes, Syst. Veg. 7, 1 (1829) 104; –Merr., EPFP 2 (1923) 106. –Type: Haenke *sn.* (not seen). Philippines, no further locality data.
Amyema sessilifolia (Tieghem) Danser, Verh. Kon. Ned. Akad. Wetensch., Afd. Natuurk., Tweede Sect. 29 (6) (1933) 34. –Type: Cuming 1956 (P, holo). Philippines, 'Manille'.
LUZON.
Altitude 0-900m; no hosts recorded.

Amyema pollilensis (C Robinson) Danser, Bull. Jard. Bot. Buitenz. 3, 10 (1929) 298; PJS 58 (1935) 83; –Barlow, Fl.

(1911) Bot. 200; --Merr., EPFP 2 (1923) 109. --Type: BS 10384 RC McGregor (US*, lecto, designated by Barlow 1991). Polillo. Oct-Nov 1909.

LUZON, POLILLO. Low altitudes; no hosts recorded.

Amyema rhytidoderma Barlow, Blumea 36 (1991) 359; Fl. Males. ser. 1, 13 (1997) 263. --Type: Jacobs 7332 (L*, holo; iso MO*). Luzon: Benguet prov., Mt Pulag [=Mt Pulog], 16 36'N, 120 54'E, altitude 2300-2500m, primary forest on sandy-loamy soil. .

LUZON: Benguet (Mt Pulag). Only known from the type collection. No hosts recorded.

Amyema seriata (Merr.) Barlow, Blumea 36 (1991) 365; Fl. Males. ser. 1, 13 (1997) 269; --
Dicymanthes seriata (Merr.) Danser, Bull. Jard. Bot. Buitenz. 3, 10 (1929) 311; PJS 58 (1935) 92; --
Loranthus seriatus Merr., PJS 9 c (1914) Bot. 285; --Merr., EPFP 2 (1923) 109. --Type: BS 16424
Reillo (US*, lecto, designated by Barlow 1991; isolecto: P). Mindanao: Zamboanga del Norte prov.,
Mt Pulongbato, Sept-Oct 1912.

MINDANAO. No hosts recorded.

Amyema urdanetensis (Elmer) Danser, Bull. Jard. Bot. Buitenz. 3, 10 (1929) 299; --Barlow, Fl.
Males. ser. 1, 13 (1997) 273; --PJS 58 (1935) 68; --Loranthus urdanetensis Elmer, LPB 6 (1913)
1963; --Merr., EPFP 2 (1923) 110. --Type: Elmer 14092 (L*, lecto, designated by Barlow 1991;
isolecto: MO*, NY*). Mindanao: Agusan del Norte prov., Mt Urdaneta [=Mt Hilong-hilong], altitude
6000ft [=1830m], Oct 1912.

Amyema leytensis (Merr.) Danser, Bull. Jard. Bot. Buitenz. 3, 10 (1929) 296, 299; --Loranthus leytensis
Merr., PJS 9 c (1914) Bot. 278. --EPFP 2 (1923) 106. --Type: BS 15243 Ramos (L*, US*, iso).
Leyte: Leyte prov., Dagami, Aug 1912.

LEYTE, MINDANAO. Recorded from 1830m altitude in Mindanao; no hosts recorded.

Amyema vernicosa Barlow, Blumea 36 (1991) 373; Fl. Males. ser. 1, 13 (1997) 273; --Type: PNH
18467 DR Mendoza (L*, holo; iso: L). Luzon: Albay prov., Mayon Volcano, open slope, altitude
1000m, 24 Jun 1953.

LUZON. Recorded from 1000m altitude; no host recorded.

Amyema verticillata (Merr.) Danser, Bull. Jard. Bot. Buitenz. 3, 10 (1929) 299; PJS 58 (1935) 79;
--Barlow, Fl. Males. ser. 1, 13 (1997) 274; --Cleistoloranthus verticillatus Merr. PJS 4 c (1909) Bot.
150; --Loranthus appendiculatus Merr., PJS 7 c (1912) Bot. 78; EPFP 2 (1923) 102. --Type: FB
16229 Curran, Merritt & Zschokke (PNH, holo, lost; iso: US). Luzon: Benguet prov., Mt Pulag,
altitude 2500m.

N LUZON: Mountain Province (Malamey, Pinggat), Benguet (Mt Osdung; Mt Pulag).
Restricted to the Cordillera Highlands, altitude 1670-2500m. No hosts recorded.

Amyema wenzelii (Merr.) Danser, Bull. Jard. Bot. Buitenz. 3, 10 (1929) 299; PJS 58 (1935) 89; --
Barlow, Fl. Males. ser. 1, 13 (1997) 274; --Loranthus wenzelii Merr., PJS 8 c (1913) Bot. 370; --
Merr., EPFP 2 (1923) 111. --Type: Wenzel 24 (US*, lecto, designated by Barlow, 1991; isolecto L*
Leyte: Leyte prov., Dagami, Panda, altitude 60m, 20 Apr 1913.

BOHOL, LEYTE. Altitude 60-600m; no hosts recorded.

Amylothea sensu Danser, 1925 and 1935, (as to Philippine spp.), =Decaisnina

2. *Cecarria* Barlow

Cecarria obtusifolia Barlow, in Barlow & Wiens, Brittonia 25 (1973) 34; --Barlow, Fl. Males. ser. 1, 13 (1997) 284, Fig. 15,
Bot. 151; --Merr., EPFP 2 (1923) 112; --Danser, Bull. Jard. Bot. Buitenz. 3, 10 (1929) 349; PJS 58
(1935) 127. --Type: FB 1813 Borden, lecto, . Luzon: Bataan prov., Lamao River

Lesser Sunda Isls (Flores; Timor), Philippines, New Guinea, Solomon Isls, Australia

(Cape York Peninsula). LUZON, MINDANAO.
Recorded hosts: Calophyllum, Casuarina, Syzygium, Xanthostemon.

3. *Cyne* Danser

Revision:

Barlow, BA. 1993. *Conspectus of the genera Amylothea, Cyne, Decaisnina, Lampas, Lepeostegeres, and Loxanthera*. Blumea 38: 101-107.

Cyne baetorta Barlow, Blumea 38 (1993) 103; Fl. Males. ser. 1, 13 (1997) 286. –Type: Coode 5651. Mindoro: Mindoro Oriental prov., Subaan River
MINDORO. Altitude 1100-1200m. No hosts recorded.

Cyne banahaensis (Elmer) Danser, Bull. Jard. Bot. Buitenz. 3, 10 (1929) 306; PJS 58 (1935) 33; --Barlow, Fl. Males. ser. 1, 13 (1997) 287; --Lepeostegeres banahaensis (Elmer) Merr., EPFP 2 (1923) 101; --Loranthus banahaensis Elmer, LPB 1 (1906) 288. –Type: Elmer 9115, lecto. Luzon: Mt Banahaw.

Cyne capitulifera (Merr.) Danser, Rec. Trav. Bot. Neerl. 30 (1933) 466; PJS 58 (1935) 36; --Lepeostegeres capituliferus (Merr.) Merr., EPFP 2 (1923) 101; --Loranthus capituliferus Merr., PJS 7 c (1912) Bot. 264. –Type:

Loranthus lagunensis Merr., PJS 9 c (1914) Bot. 281. –Type:

Cyne alternifolia (Merr.) Danser, Bull. Jard. Bot. Buitenz. 3, 10 (1929) 306; PJS 58 (1935) 35; --Loranthus alternifolius Merr., PJS 9 c (1914) Bot. 283. –Type:

LUZON, SAMAR, MINDANAO. Altitude 0-1100m; no hosts recorded.

Cyne quadriangula Danser, PJS 58 (1935) 38; --Barlow, Fl. Males. ser. 1, 13 (1997) 288. –Type: BS 35119 (not located). Bucas Grande.

BUCAS GRANDE. Low altitude; no hosts recorded.

A doubtful species with no specimens extant, very similar to *Cyne banahaensis*.

4. *Decaisnina* Tieghem

Revision:

Barlow, BA. 1993. *Conspectus of the genera Amylothea, Cyne, Decaisnina, Lampas, Lepeostegeres, and Loxanthera*. Blumea 38: 70-101.

Decaisnina aherniana (Merr.) Barlow, Blumea 38 (1993) 74, Fig. 1 (Map); Fl. Males. ser. 1, 13 (1997) 294; --Amylothea aherniana (Merr.) Danser, Bull. Jard. Bot. Buitenz. 3, 10 (1929) 300; PJS 58 (1935) 25; --Loranthus ahernianus Merr., PJS 1 (1906) Suppl. 184; --Merr., EPFP 2 (1923) 102. --Type: FB 2140 Ahern's collector (US*, lecto, designated by Barlow, 1993; isolecto: BO, MO*, NY*, SING*). Luzon: Rizal prov., Bosoboso, Nov-Dec 1904.

Loranthus acuminatissimus Merr., PJS 4 c (1909) Bot. 143; --EPFP 2 (1923) 102. –Type: BS 5700 Ramos (US*, iso). Luzon: Benguet prov., Dec 1908.

Amylothea saccata (Elmer) Danser, Bull. Jard. Bot. Buitenz. 3, 10 (1929) 302; PJS 58 (1935) 23; -- (L*, lecto, designated by Barlow, 1993, isolecto: MO*, NA*, NY*, P, US*). Mindanao: Davao, Mt Apo, Todaya, Sept 1909.

Loranthus saccatus Elmer

Loranthus lucidus Merr., PJS 9 c (1914) Bot. 277; --Merr., EPFP 2 (1923) 106. –Type: BS 16647 Ramos (L*, lecto, designated by Barlow, 1993, isolecto: L*, P, US*). Luzon: Laguna prov., San Antonio, Sept-Oct 1912.

Amylothea cordilimba (Merr.) Danser, Bull. Jard. Bot. Buitenz. 3, 10 (1929) 300; 302; --Loranthus cordilimbus Merr., PJS 30 (1926) 391. –Type: BS 43873 RC McGregor (UC, lecto, designated by Barlow, 1993; isolecto: NY*). Samar: Western Samar prov., Loquilocon, Jun 1924.

LUZON to MINDANAO, widely distributed. Humid forest, altitude 0-1200m. Recorded hosts: Litsea, Semecarpus, and Syzygium.

Decaisnina amplexicaulis (Danser) Barlow, Blumea 38 (1993) 76, Fig. 3 (Map); Fl. Males. ser. 1, 13 (1997) 295, Fig. 18a, b; --Amylothea amplexicaulis Danser, PJS 58 (1935) 14, pl. 1, Fig. 1 and 2. –Type: BS 38740 Ramos & Edaña (L*, lecto, designated by Barlow, 1993). Mindanao: Bukidnon

prov., Mt Candoon, Jun-Jul 1920.

S Philippines, New Guinea (Bird's Head Peninsula). MINDANAO: Bukidnon. No hosts recorded.

Decaisnina confertiflora (Merr.) Barlow, *Blumea* 38 (1993) 80; *Fl. Males. ser. 1*, 13 (1997) 297; --*Amylothea confertiflora* (Merr.) Danser, *Bull. Jard. Bot. Buitenz.* 3, 10 (1929) 300; *PJS* 58 (1935) 18; --*Loranthus confertiflorus* Merr., *PJS* 13 c (1918) Bot. 273; --EPFP 2 (1923) 103. --Type: Wenzel 1249 (GH, lecto prov., Tigbao, near Tacloban, 25 May 1915.

LEYTE. No habitat data.

Decaisnina crassilimba (Merr.) Barlow, *Blumea* 38 (1993) 82, Fig. 2 (Map); *Fl. Males. ser. 1*, 13 (1997) 298; --*Amylothea crassilimba* (Merr.) Danser, *Bull. Jard. Bot. Buitenz.* 3, 10 (1929) 300; *PJS* 58 (1935) 20; --*Loranthus crassilimbus* Merr., *PJS* 13 c (1918) Bot. 274; --EPFP 2 (1923) 103. --Type: BS 26409 Ramos & Edaño (US*, lecto, designated by Barlow, 1993). Luzon: Nueva Ecija prov., Mt Umangan [=Mt Mingan], 15 Aug 1916.

LUZON, PANAY. Altitude 300-1400m. No hosts recorded.

Decaisnina cumingii (Tieghem) Barlow, *Blumea* 38 (1993) 82, Fig. 4 (Map); *Fl. Males. ser. 1*, 13 (1997) 298; --*Amylothea cumingii* Tieghem, *Bull. Soc. Bot. France* 41 (1894) 264; *PJS* 58 (1935) 5; --Merr., EPFP 2 (1923) 110. --Type: Cuming 1969 (B, holo?; iso in L*, 5 in P). Philippines: Manille". No further locality given.

Loranthus mindanaensis Merr., *PJS* 1 (1906) Suppl. 186; *ibid.* 4 c (1909) Bot. 142; EPFP 2 (1923) 107; --Elmer, LPB 3 (1911) 1070. --Type: Copeland 341 (L, lecto, designated by Barlow, 1993; isolecto NY*, US*). Mindanao: Davao, Mar 1904.

Loranthus secundiflorus Merr., *PJS* 1 (1906) Suppl. 187; *ibid.* 4 c (1909) Bot. 141-142; EPFP 2 (1923) 109. --Type: Bolster 237 (MO*, iso). Mindanao: Surigao del Norte prov., "on trees in open, parasitic", altitude 40ft, 10 Feb 1905.

Loranthus secundiflorus Merr. var. *bolsteri* Elmer, LPB 3 (1911) 1067; --Merr., EPFP 2 (1923) 109. --Type: Elmer 11701 (L*, lecto, designated by Barlow, 1993; isolecto: MO*, NY*, US*). Mindanao: Davao, Mt Apo, Todaya, 'humid forest at 4250ft [= 1295m]', Sept 1909.

Amylothea merrillii (Elmer) Danser, *Bull. Jard. Bot. Buitenz.* 3, 10 (1929) 301; *PJS* 58 (1935) 10; --*Loranthus merrillii* Elmer, LPB 3 (1911) 1068; --Merr., EPFP 2 (1923) 107. --Type: Elmer 10617 (L*, lecto, designated by Barlow, 1993; isolecto: MO*, NY*, US*). Mindanao: Davao, Mt Apo, Todaya, May 1909.

Loranthus aurantiacus Elmer, LPB 6 (1913) 1967; --Merr., EPFP 2 (1923) 102. --Type: Elmer 13774 (L*, lecto, designated by Barlow, 1993; isolecto: MO*, NY*). Mindanao: Agusan del Norte prov., Mt Urdaneta [=Mt Hilong-hilong], "steep forested ravine at 3000ft [=914m] near the Dalahion River, Sept 1912.

Amylothea palawanensis (Merr.) Danser, *Bull. Jard. Bot. Buitenz.* 3, 10 (1929) 302; --*Loranthus palawanensis* Merr., *PJS* 13 c (1918) Bot. 279; --Merr., EPFP 2 (1923) 107; --*Loranthus fragilis* Merr., *PJS* 9 c (1914) 278, *non* Sprague (1910). --Type: Merrill 9248 (L, lecto, designated by Barlow, 1993; isolecto: NY*, SING*). Palawan: Palawan prov., Taytay, May 1913.

Amylothea hopeae (Merr.) Danser, *Bull. Jard. Bot. Buitenz.* 3, 10 (1929) 301; *PJS* 58 (1935) 11; --*Loranthus hopeae* Merr., *PJS* 9 c (1914) 279; --Merr., EPFP 2 (1923) 105. --Type: FB 13297 Foxworthy, de Mesa & Villamil (PNH, holo, not seen). Mindanao: Zamboanga del Sur prov., opposite Olutanga, altitude 20m.

Amylothea apodotrias Danser, *PJS* 58 (1935) 8. --Type: Clemens *sn* (PNH, holo, not seen). Mindanao: Lanao del Sur prov., Lake Lanao, Camp Keithley.

Amylothea tenuis Danser, *PJS* 58 (1935) 9. --Type: Loher 12393 (PNH, holo, not seen). Luzon: Rizal prov., Montalban.

Loranthus subalternifolius Merr., *PJS* 1 (1906) Suppl. 188, *PJS* 4 c (1909) Bot. 141; --Merr., EPFP 2 (1923) 110. --Type: Elmer 6191 (NY*, iso). Luzon: Benguet prov., Sablan, Apr 1904.

Loranthus vulcanicus Elmer, LPB 3 (1911) 1068, *nomen*. --Type: Elmer 17328 (NY*, iso). Luzon: Sorsogon prov., Irosin, Mt Bulusan, Sept 1916.

Philippines, Moluccas.

LUZON to MINDANAO.

Humid forests, sea-level to 2300m. Recorded hosts: Kibatalia, Shorea.

Decaisnina miniata (Danser) Barlow, *Blumea* 38 (1993) 89; *Fl. Males. ser. 1*, 13 (1997) 301;

--*Amylothea miniata* Danser, Bull. Jard. Bot. Buitenz. 3, 10 (1929) 301; PJS 58 (1935) 15; --
Loranthus miniatus Elmer, LPB 6 (1913) 1966, *nom. illeg., non* S Moore (1897); -Merr., EPFP 2
(1923) 107. --Type: Elmer 13276 (UC, lecto, designated by Barlow, 1993; isolecto: BO, L*, MO*,
NY*, P, US*). Mindanao: Agusan del Norte prov., Mt Urdaneta [=Mt Hilong-hilong], Jul 1912.
MINDANAO, SIARGAO. Altitude 0-380m; only recorded host: *Canarium*.

Decaisnina ovatifolia (Merr.) Barlow, Blumea 38 (1993) 90; Fl. Males. ser. 1, 13 (1997) 302;
--*Amylothea ovatifolia* (Merr.) Danser, Bull. Jard. Bot. Buitenz. 3, 10 (1929) 302; PJS 58 (1935)
22; --*Loranthus ovatifolius* Merr., PJS 3 c (1908) Bot. 133; -Merr., EPFP 2 (1923) 107. --Type:
Clemens 1195 (B, lecto, designated by Barlow, 1993). Mindanao: Lanao del Norte prov., sea coast
between Iligan and Initao, Sept-Oct 1907.
BOHOL (Bilar), MINDANAO: Lanao del Norte. Altitude 0-610m; no hosts recorded.

Decaisnina revoluta (Merr.) Barlow, Blumea 38 (1993) 92; Fl. Males. ser. 1, 13 (1997) 303;
-- *Amylothea revoluta* (Merr.) Danser, Bull. Jard. Bot. Buitenz. 3, 10 (1929) 302; PJS 58 (1935) 19.
--*Loranthus revolutus* Merr., PJS 4 c (1909) Bot. 142; --Merr., EPFP 2 (1923) 109. --Type: BS 4785
Ramos (US*, lecto; designated by Barlow, 1993). Luzon: Zambales prov., Mt Tapulao [=High
Peak], altitude 2100m, Dec 1907.

LUZON: Zambales (Mt Tapulao). Only known from the type locality at 2100m altitude; no
hosts recorded.

Decaisnina sumbawensis (Tieghem) Barlow, Blumea 38 (1993) 95; Fl. Males. ser. 1, 13 (1997) 304, Fig. 19; --
Type from Sumbawa.

Amylothea boholensis (Merr.) Danser, Bull. Jard. Bot. Buitenz. 3, 10 (1929) 300; PJS 58 (1935) 12; --
Loranthus boholensis Merr., PJS 4 c (1909) Bot. 141; --Merr., EPFP 2 (1923) 103. --Type: BS 1277
RC McGregor (NY*, lecto; designated by Barlow, 1993; isolecto: P, US*). Bohol, Jul 1906.

Amylothea formicaria (Elmer) Danser, Bull. Jard. Bot. Buitenz. 3, 10 (1929) 300; PJS 58 (1935) 16; --
Loranthus formicarium Elmer, LPB 3 (1911) 1069; --Merr., EPFP 2 (1923) 104. --Type: Elmer
11304 (L*, lecto, designated by Barlow, 1993; isolecto BO, MO*, NY* 2 sheets, US*). Mindanao:
Davao, Mt Apo, Todaya, Aug 1909.

Amylothea agusanensis (Elmer) Danser, Bull. Jard. Bot. Buitenz. 3, 10 (1929) 300; --*Loranthus*
agusanensis Elmer, LPB 6 (1913) 1962; --Merr., EPFP 2 (1923) 102. --Type: Elmer 13405 (L, lecto,
designated by Barlow, 1993; isolecto: MO*, NY*, US). Mindanao: Agusan del Norte prov., Mt
Urdaneta [=Mt Hilong-hilong], Jul 1912.

Loranthus terminaliflorus Elmer, LPB 6 (1913) 1970; --Merr., EPFP 2 (1923) 110. --Type: Elmer 14156 (L*,
lecto, designated by Barlow 1993). Mindanao: Agusan del Norte prov., Mt Urdaneta [=Mt Hilong-
hilong], Oct 1912.

Lesser Sunda Isls, Philippines, Sulawesi, W New Guinea. LUZON to MINDANAO.
Humid forests and agricultural lands. Hosts recorded: Citrus, Coffea, Ficus, and
Nothofagus.

Decaisnina viridis (Merr.) Barlow, Blumea 38 (1993) 99; Fl. Males. ser. 1, 13 (1997) 306; --
Amylothea viridis (Merr.) Danser, Bull. Jard. Bot. Buitenz. 3, 10 (1929) 303; PJS 58 (1935) 27;
--*Loranthus viridis* Merr., PJS 1 (1906) Suppl. 189; --Merr., EPFP 2 (1923) 111. --Type: FB 816
Borden, lecto, designated by Barlow, 1993. Luzon: Bataan prov., Mt Mariveles.

Amylothea pentagona (Merr.) Danser, Bull. Jard. Bot. Buitenz. 3, 10 (1929) 302; PJS 58 (1935) 29;
--*Loranthus pentagonus* Merr., PJS 7 c (1912) Bot. 80; --Merr., EPFP 2 (1923) 108. --Type:

Loranthus pachycladus Merr., PJS 13 c (1918) Bot. 99; --Merr., EPFP 2 (1923) 107.

LUZON. Gallery forests, altitude 0-1650m; no hosts recorded.

5. *Dendrophthoe* C Martius

Dendrophthoe clementis (Merr.) Danser, Bull. Jard. Bot. Buitenz. 3, 10 (1929) 307; PJS 58
(1935) 112; --Barlow, Fl. Males. ser. 1, 13 (1997) 310; --*Loranthus clementis* Merr., PJS 1 (1906)
Suppl. 185; --PJS 4 c (1909) Bot. 140; --Merr., EPFP 2 (1923) 103. --Type: Clemens *sn*, Mindanao:
Lanao del Sur prov., Lake Lanao.

Loranthus loheri Merr., PJS 4 c (1909) Bot. 140; --Merr., EPFP 2 (1923) 106. --Type: Borneo, Philippines. Altitude 0-1500m; no hosts recorded.

Dendrophthoe hallieri (Merr.) Danser, Bull. Jard. Bot. Buitenz. 3, 10 (1929) 309; --Barlow, Fl. Males. ser. 1, 13 (1997) 318; --Merr., EPFP 2 (1923) 105. --Type: Hallier 628. Mindanao: Zamboanga. Philippines. Low altitudes; no hosts recorded.

Dendrophthoe longituba (Elmer) Danser, Bull. Jard. Bot. Buitenz. 3, 10 (1929) 310; PJS 58 (1935) 114; --Barlow, Fl. Males. ser. 1, 13 (1997) 316, Fig. 20; --*Loranthus longitubus* Elmer, LPB 6 (1913) 1961; --Merr., EPFP 2 (1923) 106. --Type: Elmer 14043. Mindanao: Agusan del Norte prov., Mt Urdaneta [=Mt Hilong-hilong]. Borneo, Philippines. MINDANAO. Mostly 0-900m, rarely to 1850m; hosts recorded: Citrus, Dipterocarpus, Hevea, Sandoricum, and Vitex.

Dendrophthoe mearnsii (Merr.) Danser, Bull. Jard. Bot. Buitenz. 3, 10 (1929) 310; PJS 58 (1935) 110; --Barlow, Fl. Males. ser. 1, 13 (1997) 317; --*Loranthus mearnsii* Merr., PJS 2 c (1907) Bot. 271; --PJS 4 c (1909) Bot. 136; --Merr., EPFP 2 (1923) 106. --Type: Merrill 5733. Mindoro: Mindoro Oriental prov., Mt Halcon. MINDORO: Mindoro Oriental (Mt Halcon). Altitude 1800m; no hosts recorded. Only known from the type collection.

Dendrophthoe pauciflora Danser, Bull. Jard. Bot. Buitenz. 3, 11 (1931) 417; PJS 58 (1935) xx; --Barlow, Fl. Males. ser. 1, 13 (1997) 318. --Type from Sulawesi. *Dendrophthoe mirifica* Danser, PJS 58 (1935) 115. --Type: BS 16160 Reillo. Basilan. SW Philippines, Sulawesi, Moluccas (Halmahera; Ambon). Altitude 0-200m. Only recorded host: Sesbania.

Dendrophthoe pentandra (L.) Miq., Fl. Ind. Bat. 1, 1 (1856) 818; --Danser, Bull. Jard. Bot. Buitenz. 3, 11 (1931) 417; PJS 58 (1935) 108; --Barlow, Fl. Males. ser. 1, 13 (1997) 318, Fig. 2, 21, 22c; --*Loranthus pentandrus* L., Mant. 1 (1767) 63; --Merr., EPFP 2 (1923) 108. --Type: in LINN E India eastwards throughout Indochina, Sumatra, Peninsular Malaysia, Singapore, Java, Lesser Sunda Isls (Bali; Sumba; Flores), Borneo, Philippines (rare). LUZON, PALAWAN. Predominantly in humid forests but also in open forests and plantations, lowlands up to 500m altitude, less frequently to 1650m; recorded hosts many.

Dicymanthes Danser =*Amyema*

Elytranthe Blume =*Macrosolen*

6. *Helixanthera* Loureiro

Helixanthera coccinea (Jack) Danser, Bull. Jard. Bot. Buitenz. 3, 10 (1929) 317; --Barlow, Fl. Males. ser. 1, 13 (1997) 330; --*Loranthus coccinea* Jack, Mal. Misc. 1 (1820) 8. --Type from Singapore.

Andaman Isls, Myanmar to Vietnam, Sumatra, Peninsular Malaysia, Singapore, Borneo, W-C Philippines. PALAWAN. Lowlands, 0-500m. Only recorded host: Dalbergia.

Helixanthera ligustrina (Wall.) Danser, Bull. Jard. Bot. Buitenz. 3, 10 (1929) 317; --Barlow, Fl. Males. ser. 1, 13 (1997) 333. --Type from Nepal.

Helixanthera tenuis (Merr.) Danser, Bull. Jard. Bot. Buitenz. 3, 10 (1929) 318; PJS 58 (1935) 106; --*Loranthus tenuis* Merr., PJS 4 c (1909) Bot. 136; --Merr., EPFP 2 (1923) 110. --Type: FB 6287 Curran (INY, lecto). Luzon: Bataan prov., Lamao Forest Reserve; Herb. Ateneo de Manila 217

(syntype). Luzon: Rizal prov.
Himalayas to S China and Vietnam, N Philippines. LUZON. Altitude 200-2400m.
Recorded host: Diospyros.

Helixanthera parasitica Lour., Fl. Cochinch. (1790) 142, *non* Loranthus parasiticus (L.) Merr.;
--Danser, PJS 58 (1935) 101; --Barlow, Fl. Males. ser. 1, 13 (1997) 334, Fig. 26a-c, 27. --Type
from south Vietnam

Himalayas to S China and Vietnam, Sumatra, Peninsular Malaysia, Java, Borneo,
Philippines.
Humid and open forests, also cultivated lands, 0-2000m altitude; recorded hosts: Aglaia,
Castanopsis, Casuarina, Decaspermum, Fagraea, Ficus, Hevea, Hopea, Lithocarpus,
Quercus, and Saurauia.

Helixanthera sessiliflora (Merr.) Danser, Bull. Jard. Bot. Buitenz. 3, 10 (1929) 318; PJS 58 (1935)
104; --Barlow, Fl. Males. ser. 1, 13 (1997) 337; --Loranthus sessiliflorus Merr., PJS 1 (1906)
Suppl. 188; --PJS 4 c (1909) Bot. 133; --Merr., EPFP 2 (1923) 110. --Type: Whitford 1171 (US,
lecto, designated by Barlow). Luzon: Bataan prov., Mt Mariveles. Syntypes: Elmer 6057. Luzon:
Benguet prov., Baguio; --Merrill 4041. Mindoro: Mindoro Oriental prov., Baco River; --RC McGregor 125.
Mindoro: Mindoro Oriental prov., Baco River.
Philippines. Altitude 0-1600m; only recorded host: Citrus.

7. Lepeostegeres Blume

Revision:

Barlow, BA. 1993. *Conspectus of the genera Amylotheca, Cyne, Decaisnina, Lampas, Lepeostegeres, and Loxanthera*. Blumea 38: 115-123.

Lepeostegeres acutibracteus Danser, Blumea 2 (1936) 57; --Barlow, Fl. Males. ser. 1, 13 (1997)
341, Fig. 29c-e. --Type: BS 41187 Ramos. Busuanga.
PALAWAN. Altitude 0-660m; no hosts recorded.

Lepeostegeres congestiflorus (Merr.) Merr., EPFP 2 (1923) 101; PJS 58 (1935) 31; --Barlow,
Fl. Males. ser. 1, 13 (1997) 345; --Loranthus congestiflorus Merr., PJS 4 c (1909) Bot. 147.
--Type: FB 5037 Curran, lecto. Luzon: Benguet prov.: Mt Tonglon (=Sto Tomas).
Philippines. Altitude (1650) 2000-2800m; no hosts recorded.

8. Lepidaria Tieghem

Lepidaria quadriflora Tieghem, Bull. Soc. Bot. France 42 (1895) 441; --Danser, Blumea 2 (1936) 37; --Barlow, Fl. Males
Lepidaria williamsii (Merr.) Merr., EPFP 2 (1923) 101; --Danser, Bull. Jard. Bot. Buitenz. 3, 10 (1929) 322;
PJS 58 (1935) 57; --Lepidella williamsii (Merr.) Danser, Blumea 2 (1936) 37; --Loranthus williamsii
Merr., PJS 4 c (1909) Bot. 148. --Type: RS Williams 973. Luzon: Benguet prov., Baguio.
N LUZON. Altitude 1300m. Recorded hosts: "Ficus and other trees" (Merrill 1923).

Lepidaria tetrantha (Merr.) Danser, Bull. Jard. Bot. Buitenz. 3, 10 (1929) 322; PJS 58 (1935) 58;
Blumea 2 (1936) 394; --Barlow, Fl. Males. ser. 1, 13 (1997) 353, --Lepeostegeres tetranthus
(Merr.) Merr., EPFP 2 (1923) 101; --Loranthus tetranthus Merr., PJS 7 c (1912) Bot. 79; --Type:
Vanoverbergh 1294 (US, lecto, designated by Barlow). Luzon: Mountain Province, Malaway.
LUZON. Highlands; no hosts recorded.

9. Macrosolen (Blume) Blume

Macrosolen acunae (Merr.) Danser, Bull. Jard. Bot. Buitenz. ser. 3, 10 (1929) 343; PJS 58 (1935) 49; --Barlow, Fl. Males. ser. 1, 13 (1997) 362, Fig. 38a; --Elytranthe acunae Merr., PJS 13 c (1918) Bot. 279; --Merr., EPFP 2 (1923) 100. --Type: FB 23386 Acuña (US, lecto, designated by Barlow). Mindanao: Lanao

Peninsular Malaysia, N Borneo, S Philippines. MINDANAO: Lanao.

Macrosolen cochinchinensis (Lour.) Tieghem, in Bull. Soc. Bot. France 41 (1894) 122, *in obs.*; --Danser, Bull. Jard. Bot. Buitenz. 3, 11 (1931) 279; 16 (1938) 5; PJS 58 (1935) 43; --Barlow, Fl. Males. ser. 1, 13 (1997) 366, Fig. 35; --Elytranthe cochinchinensis G Don, Gen. Syst. 3 (1834) 425; --Loranthus cochinchinensis Lour., Fl. Cochinch. (1790) 195. --Type not located.

Elytranthe elmeri (Merr.) Merr., EPFP 2 (1923) 101; --Loranthus elmeri Merr., PJS 9 c (1914) Bot. 285.

--Type:

Himalayas eastward to S China and Indochina, across Malesia from Peninsular Malaysia to West New Guinea (Bird's Head Peninsula). Humid and open forests and disturbed sites. Very common in the lowlands but occasionally reaching 2270m altitude; recorded host many.

Macrosolen curtiflorus (Elmer) Danser, Bull. Jard. Bot. Buitenz. 3, 10 (1929) 344; PJS 58 (1935) 46; --Barlow, Fl. Males. ser. 1, 13 (1997) 367; --Loranthus curtiflorus Elmer, LPB 6 (1913) 1964; --Merr., EPFP 2 (1923) 104. --Type: Elmer 14089. Mindanao: Agusan del Norte prov., Cabadbaran.

MINDANAO: Agusan del Norte (Mt Hilong-hilong). Altitude 1800m. Known only from the type collection.

Macrosolen dianthus (King) Danser, Bull. Jard. Bot. Buitenz. 3, 10 (1929) 344; --Barlow, Fl. Males. ser. 1, 13 (1997) 367; --Loranthus dianthus King, J. As. Res. Soc. Beng. 56, 2 (1887) 96; --Type from Peninsular Malaysia.

Macrosolen subsessilis (Merr.) Danser, Bull. Jard. Bot. Buitenz. ser. 3, 10 (1929) 345; PJS 58 (1935) 55; --Loranthus subsessilis Merr., PJS 7 c (1912) Bot. 263; --Merr., EPFP 2 (1923) 110. --Type: Merrill 8315, lecto. Mindanao: Zamboanga, Sax River.

Peninsular Malaysia, S Philippines. MINDANAO. Altitude 100-600m; no hosts recorded.

Macrosolen geminatus (Merr.) Danser, Bull. Jard. Bot. Buitenz. ser. 3, 10 (1929) 344; PJS 58 (1935) 52; --Barlow, Fl. Males. ser. 1, 13 (1997) 370, Fig. 37c, d; --Loranthus geminatus Merr., PJS 4 c (1909) Bot. 146; --Merr., EPFP 2 (1923) 104. --Type: Merrill 5444 (US, lecto; isolecto NY). Mindanao.

Macrosolen angulatus (Elmer) Danser, Bull. Jard. Bot. Buitenz. 3, 10 (1929) 343; PJS 58 (1935) 54; --Loranthus angulatus Elmer, LPB 3 (1911) 1074; --Merr., EPFP 2 (1923) 102. --Type: Elmer 10804 (NY, lecto; isolecto US). Sibuyan: Mt Giting-giting.

Macrosolen macgregorii (Merr.) Danser, Bull. Jard. Bot. Buitenz. 3, 10 (1929) 345; PJS 58 (1935) 51; --Loranthus macgregorii Merr., PJS 4 c (1909) Bot. 146; --Merr., EPFP 2 (1923) 106. --Type: BS 1266 RC McGregor (NY, lecto; isolecto: US). Bohol:

Macrosolen worcesteri (Merr.) Danser, Bull. Jard. Bot. Buitenz. 3, 10 (1929) 346; PJS 58 (1935) 53; --Loranthus worcesteri Merr., PJS 9 c (1914) Bot. 284; --Merr., EPFP 2 (1923) 111. --Type: BS 15673 E Fenix (US, iso fragment). Mindanao:

S Philippines, Sulawesi, New Guinea. Mostly closed humid forests, 0-2300m altitude. Recorded hosts: Alstonia, Castanopsis, Grewia, Nothofagus, Opocunonia, Pittosporum.

Macrosolen melintangensis (Korth.) Miq., Fl. Ind. Bat. 1, 1 (1856) 830; --Barlow, Fl. Males. ser. 1, 13 (1997) 372, Fig. 36b, c; --Loranthus melintangensis Korth., Verh. Bat. Genootsch. 17 (1839) 281. --Type from Sumatra.

Thailand, Indochina, Sumatra, Peninsular Malaysia, Java, Borneo, Philippines.

Macrosolen surigaensis (Elmer) Danser, Bull. Jard. Bot. Buitenz. 3, 10 (1929) 345; PJS 58 (1935) 45; --Barlow, Fl. Males. ser. 1, 13 (1997) 377; --Loranthus surigaensis Elmer, LPB 6 (1913) 1966. --Type: Elmer 14098 (not seen). Mindanao: Agusan del Norte prov., Mt Urdaneta [=Mt Hilong-hilong].

MINDANAO: Agusan del Norte (Mt Hilong-hilong). Altitude 1875m; no host recorded.

Unaccounted for in Barlow's FM revision:

Macrosolen bellus Danser, PJS 58 (1935) 48, Pl. 1, Fig. 3 & 4. --Type: BS 30447 Ramos & Chan (PNH, cited by Danser, 1935; now presumably lost). Catanduanes: Catanduanes prov., back of Calolbong, summit in forest, altitude 300m.

CATANDUANES.

Macrosolen demesae (Merr.) Danser, Bull. Jard. Bot. Buitenz. 3, 10 (1929) 344; PJS 58 (1935) 47; --Loranthus demesae Merr., PJS 9 c (1914) Bot. 280; --Merr., EPFP 2 (1923) 104. --Type: FB 13788 Foxworthy, de Mesa & Villamil (PNH, holo, cited by Danser, 1935; presumably lost). Mindanao: Zamboanga del Norte prov., Talisay, altitude 40-50m.

MINDANAO.

Phrygilanthus Eichler =Notanthera (A de Candolle) G Don; only Philippine representative attributed by Merrill in this genus, *P. obtusifolius*, is currently placed in *Cecarria*.

10. *Scurrula* Linnaeus

Revision:

Barlow, BA. 1991. *Blumea* 36: 65-82.

Scurrula atropurpurea (Blume) Danser, Bull. Jard. Bot. Buitenz. 3, 10 (1929) 349; --Barlow, Fl. Males. ser. 1, 13 (1997) 383, Fig. 41; --Loranthus atropurpureus Blume, Verh. Bat. Genootsch. 9 (1823) 186. --Type from Java.

Scurrula philippinensis (Cham. & Schlecht.) G Don, Gen. Hist. 3 (1834) 422; --Danser, PJS 58 (1935) 121; --Loranthus philippensis Cham. & Schlecht., Linnaea 3 (1828) 204; --Merr., EPFP 2 (1923) 108. --Type: Chamisso *sn*, Philippines. No further locality data.

Thailand to Vietnam, Java, Lesser Sunda Isls (Bali; Sumbawa), Philippines, Moluccas. Mostly 0-600m altitude, less frequently to 2300m. Recorded hosts: *Acacia*, *Averrhoa*, *Grewia*, *Myristica*, and *Terminalia*.

Scurrula ferruginea (Jack) Danser, Bull. Jard. Bot. Buitenz. 3, 10 (1929) 350; PJS 58 (1935) 123; --Barlow, Fl. Males. ser. 1, 13 (1997) 385; --Loranthus ferrugineus Jack, Mal. Misc. 1 (1820) 279; --Merr., EPFP 2 (1923) 104. --Type from Sumatra (probably lost).

India to S China and Vietnam, W Malesia, extending eastwards as far as Flores, Palawan and Sulawesi. Primary forests and disturbed sites, mostly 0-1000m altitude. Recorded hosts: *Coffea*, *Melastoma*, *Pithecellobium*, and *Saurauia*. Probable hybridizes with other *Scurrula* species.

Scurrula parasitica L., Sp. Pl. (1753) 110; --Danser, PJS 58 (1935) 118; --Barlow, Fl. Males. ser. 1, 13 (1997) 387; --Type: in LINN.

Loranthus parasiticus (L.) Merr., PJS 15 (1919) 232; --EPFP 2 (1923) 108.

Loranthus confusus Merr., PJS 7 c (1912) Bot. 261; --EPFP 2 (1923) 103

Loranthus similis Merr. --PJS 7 c (1912) Bot. 262; --Merr., EPFP 2 (1923) 110.

Loranthus sphenoides Blume, Fl. Jav. Loranth. (1828) 23, t.4; --Merr., EPFP 2 (1923) 110.

India eastwards to China and Vietnam, W Malesia, extending eastwards as far as the Philippines, Moluccas, Timor.

Common in a range of primary forests and disturbed sites, mostly from 0-1800m, less frequently to 2250m. Recorded hosts: *Annona*, *Dalbergia*, *Dendrophthoe*, *Glochidion*, *Manglietai*, *Melastoma*, *Moringa*, *Nerium*, *Schima*, and *Xylocarpus*.

11. *Taxillus* Tieghem

Revision:

Barlow, BA. 1991. *Blumea* 36: 82-84..

Taxillus chinensis (DC) Danser, Bull. Jard. Bot. Buitenz. 3, 16 (1938) 40; --Barlow, Fl. Males. ser. 1, 13 (1997) 392, Fig. 43; --*Loranthus chinensis* DC, Mém. Loranth. (1830) 28. --Type from China. *Taxillus estipitatus* (Stapf) Danser, Bull. Jard. Bot. Buitenz. 3, 10 (1929) 355; *ibid.* 11 (1931) 445; PJS 58 (1935) 125; --Merr., EPFP 2 (1923) 108, under synonymy of *Loranthus parasiticus* (L.) Merr. Myanmar to China, Vietnam, Peninsular Malaysia, Borneo, N Philippines. Mesic and open forests, 0-2700m altitude but mostly at 600-1650m. Recorded hosts: *Acacia*, *Casuarina*, *Ficus*, *Litsea*, *Melastoma*, and *Scleropyrum*.

12. *Thaumasianthes* Danser

Thaumasianthes amplifolia (Merr.) Danser, Rec. Trav. Bot. Néerl. 30 (1933) 465; PJS 58 (1935) 39; --Barlow, Fl. Males. ser. 1, 13 (1997) 394, Fig. 44b-d; --*Lepeostegeres amplifolius* (Merr.) Merr., EPFP 2 (1923) 101; --*Loranthus amplifolius* Merr., PJS 13 c (1918) Bot. 277. --Type: BS 17448 Ramos. Samar: Catbalogan, damp forests at low altitude, 22 Apr 1914. *Thaumasianthes ov(at)ibracteus* (Merr.) Danser, Rec. Trav. Bot. Néerl. 30 (1933) 466; PJS 58 (1935) 40; --*Lepeostegeres ova(ti)bracteus* (Merr.) Merr., EPFP 2 (1923) 101; --*Loranthus ovatibracteus* Merr., PJS 13 c (1918) Bot. 278. --Type: BS 24135 Ramos. Samar: Caminiwan on the Catubig River, low altitude, 8 Feb. 1916. LEYTE, SAMAR (Catbalogan; Caminiwan on the Catubig River). Lowlands, ecology otherwise unknown.