

III. MIMUSOPS L.

by

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Trees; leaves with caducous stipules; tertiary nervation descendant, but usually lax and irregular; inflorescences clustered, axillary, many-florous; calyx with two rows of four lobes each; corolla 8-merous, each lobe with 2 dorsal segments as long as itself; stamens epipetalous, 8; in the same row as the 8 alternipetalous staminodes; ovary usually 8-celled; cells 1-ovuled, ovules anatropous, attached at the base; fruit a berry, 1—2-seeded; seeds with a small, circular, basal scar, in which the hilum and the micropyle are placed close to one another; albumen abundant; cotyledons thin, foliaceous; radicle long, cylindrical, exsert — About 30 species in all tropical countries, except in America.

In 1925, Lam (Bull. Jard. Bot. Bzg, sér. 3, 7, 1925, 235—237) described of *M. elengi* three varieties, var. *typica*, var. *parvifolia* and var. *brevifolia* and a forma *longepedunculata* in the type-variety. As was pointed out already by him, the differences between the two new varieties are slight, if existing at all. As those between *M. elengi* and *M. parvifolia* were obscured by many intermediate stages Lam was forced to consider the latter a variety of the former. Studying the more abundant material at our disposal it becomes clear that *M. elengi* is an extremely variable species in which it is impossible to distinguish varieties or forms. However, it must be pointed out that in the western parts of the Archipelago the leaves are large (up to 18 cm long), whereas they are decreasing in size towards the east, ending in the small leaves of the former species *M. parvifolia* (up to 6 cm long).

MIMUSOPS L., Nov. Gen. Pl., 1747, and Spec. Pl. ed. 1, 1753, 349; Lam 1925, 234; Lam 1927, 479; Lam 1932, 568.

Mimusops elengi L., l. c. 1753, 349; Lam 1925, 234; Lam 1927, 479—480; Lam 1932, 568 — *Mimusops parvifolia* R. Br., Lam 1925, 235 — *M. elengi* L, var. *typica*, var. *parvifolia* (R. Br.) Lam, var. *brevifolia* Lam and *M. elengi* L, var. *typica*, forma *longepedunculata* (Blume in Burek) Lam, l. c. 1925, 235—238.

INDIA — Travancore, Quilon: *Meebold 12735* (S), fl.; Dheradun: *Singh 13* (S), fl. fr. Sept. & Nov.; Sagar Maisar: *Meebold 9652* (S), fl. Oct.

SIAM — near Wangka: *Kostermans 730* (L), fl. May; Bangkok, *Zimmerman 47* (S), fl.; ibidem: *Zimmerman 161* (S); Kokkine, Rangoon: *Parkinson 14045* (S), fl. March.

MALAYA — Selat Panchor, Pulau Langkawi: *Henderson 21369* (L), Nov.; ibidem, Langkawi, Pulau Dayang Bunting: *Corner 38141* (L, SING), Nov.

SUMATRA — Palembang: *Praetorius s.n.* (L), fl.; Blalauw: *Forbes 1939* (BZ, L), fl. fr.; Atjeh; Kp. Sigleng: *Asdat 154* (BZ, L), fl. Aug.

JAVA — Paudeglang: *For. Res. Inst. Ja 4683* (BZ, L), fl.; ibidem: *For. Res. Inst. Ja 4574* (BZ, L), fl. July; Djombang: *Voogd 961* (L), vern. name: tandjung, fl.; Semarang, P. Karimundjawa: *Karta 169* (BZ, L), fl.

BORNEO — Martapura: *Korthals s.n.* (L); without loc.: *Korthals s.n.* (L); Bahaun Kahajan: v. *Wijk 66* (BZ, L), fl. Sept.

CELEBES — Kendari: *Kjellberg 529* (BZ, L), fl. Febr. — Menado, Kolaka, Batu-bangga: *N.I.F.S. bb 32328* (BZ, L), fl. Aug.; Parigi near Pegiati: *N.I.F.S. bb 17508* (BZ, L), June; Gorontalo near Hangata: *N.I.F.S. bb 17334* (BZ, L), fl., nat. name: toto (Gorontalo); Mongondou, Tuntung: *N.I.F.S. 13743* (BZ, L), nat. name: molosiggo; Bolaëng Mongondou: *Politon 92* (= *N.I.F.S. bb 32488*) (BZ, L), April Boalema Agoni: *N.I.F.S. bb 19395* (BZ, L), Dec.; Tondano, Lembekisland: *N.I.F.S. bb 17038* (BZ, L), Aug.; Boalema near Bilatto: *N.I.F.S. bb 17211* (BZ, L), fl. Oct., nat. name: toto (Gorontalo); ibidem: v. *Gabel 33* (= *N.I.F.S. bb 32527*) (BZ, L), Aug.; ibidem: v. *Gabel 29* (= *N.I.F.S. bb 32364*) (BZ, L), fr. Aug.; ibidem, v. *Gabel 2* (= *N.I.F.S. bb 19395*) (BZ, L), Dec.; Poso, Kotamboa (Mauroto): *N.I.F.S. bb 19638* (BZ, L); ibidem: *N.I.F.S. bb 31487* (BZ, L), Febr.: without any details: *Forster 38* (L) — Banggai: *N.I.F.S. bb 31833* (BZ, L), fr. Nov.; ibidem: *N.I.F.S. bb 31889* (BZ, L), fl. April; ibidem: *N.I.F.S. bb 31860* (BZ, L), March — Muna, Loya: *N.I.F.S. bb 21791* (BZ, L), fl. Jan.

PHILIPPINES — Palawan: *Fenia 15504* (L, PNH), fl. — Mindanao, distr. Zamboanga, *Foxworthy c.s. 13435* (L, PNH), fl. May/June; ibidem, distr. Cotabato: *Tarrosa c.s. 18798* (L, PNH); May/June — Luzon: *Forestal 1599* (L, PNH); ibidem, near Manila, *Merrill 2773* (L, PNH); fl. July/Aug. — Tawitawi, Sulu province: *Ramos & Edano 43986* (L, PNH), fl. July/Aug. — Negros: *Curran 17456* (L, PNH), fl. Sept. — Sibuyan: *Franco 18834* (L, PNH), fl. — without loc. *Cumming: 2265* (L), fl.

MOLUCCAS — Halmahera, Wede, Buku Swolendi: *N.I.F.S. bb 24921* (BZ, L), fl. fr. May — Sula, Mangoli: *N.I.F.S. bb 29809* (BZ, L), Oct.; Sanana, Wai Tobukoh, *N.I.F.S. bb 28793* (BZ, L), Aug. — Ceram: *de Vriese & Teysmann s.n.* (L); Wahai, Salika: *N.I.F.S. 23040* (BZ, L), July — without loc.: *Forster s.n.* (L), July.

LESSER SUNDA ISL. — Lombok, Belurung: *N.I.F.S. bb 23327* (BZ, L), fl. — Flores, Solor Isl. near Watuwiti: *N.I.F.S. bb 15964* (BZ, L), Sept. — Timor, Kupang: *de Vriese & Teysmann s.n.* (L), fl.

NEW GUINEA — Manokwari, Warnapi: *Kostermans 424* (= *N.I.F.S. bb 33590*) (BZ, L); Kaimana: *Lundquist 608* (BZ, L), fr. June; ibidem: *Lundquist 192* (BZ, L), fl. June; Coast between Oriomo and Fly river: *Brass 6460* (A, L), fl. fr. April; Tarara, Wassi Kussa riv.: *Brass 8550* (A, L), fl. fr. Dec.; Port Moresby: *Carr 11835* (L), fl. April; ibidem: *Carr 11836* (L), fr. April — Daru Isl.: *Brass 6232* (A, L), fr. March — Misool, Waigama: *Eyckman Inst. s.n.* (BZ, L), Dec.

SOLOMON ISL. — N^oGela Isl.: *Brass 3512* (A, L), fl. fr. Jan. — Ysabel Isl., Maringe: *Brass 3297* (BZ, L), fl. Dec.

Distribution: India to Hawaii, Northern Australia and New Caledonia.

NOTE: Read for BZ: BO