
肉托果属  rou tuo guo shu

Melanocommia Ridley; Nothopegiopsis Lauterbach; Oncocarpus A. Gray.

Inflorescence paniculate, terminal or axillary. Stamen filaments linear; anthers ovate-cordate, versatile. Disk cup-shaped. Ovary superior to semi-inferior, 1-locular and 1-ovulate; styles 3, free or united basally. Drupe ovate-globose, inserted on an inflated hypocarp formed by fused calyx and floral receptacle. Seed tests not fused with endocarp.

About 50 species: tropical Asia to Oceania; four species in China.


小果肉托果  xiao guo rou tuo guo

Deciduous trees, ca. 18 m tall; branchlets purplish brown eventually turning grayish brown, minutely pubescent. Petiole 1–1.5 cm, ferruginous tomentose; leaf blade ovate, 9.5–16 × 5.5–8.5 cm, papery to thinly leathery, adaxially minutely pubescent, lobes triangular, ca. 0.5 mm, margins ciliate; petals ovate, 1.5–2 mm, with grayish white minute pubescence and brown featherlike venation pattern; stamens 1.5–2 mm; filaments linear, ca. 1 mm, anthers oblong; disk brown; sterile ovary yellow tomentose. Female flower and fruit not seen. Fl. Apr–Jun.

Hill forests; ca. 1200 m. SW Yunnan (Ruili) [N Myanmar].

2. Semecarpus longifolius Blume, Mus. Bot. 1: 188. 1850 ['longifolia'].

大叶肉托果  da ye rou tuo guo

Deciduous trees, ca. 18 m tall; branchlets purplish brown eventually turning grayish brown, minutely pubescent. Petiole 1–1.5 cm, ferruginous tomentose; leaf blade obovate, 9.5–16 × 5.5–8.5 cm, papery to thinly leathery, adaxially minutely pubescent along midrib, abaxially grayish white and sparsely pubescent, base acute or obtuse, margin entire or undulate, apex rounded or retuse, midrib slightly impressed adaxially, elevated abaxially, lateral veins ca. 15 pairs, prominent abaxially. Inflorescence paniculate, ca. 15 cm, densely ferruginous tomentose; floral subtending bracts ca. 1.5 mm, densely ferruginous tomentose. Male flower sessile, yellowish green; calyx densely gray minutely pubescent, lobes triangular, ca. 0.5 mm, margins ciliate; petals ovate, 1.5–2 mm, with grayish white minute pubescence and brown featherlike venation pattern; stamens 1.5–2 mm, filaments linear, ca. 1 mm, anthers ovoid; disk brown; sterile ovary yellow tomentose. Female flower and fruit not seen. Fl. Apr–Jun.

Hill forests; ca. 1200 m. SW Yunnan (Ruili) [N Myanmar].


网脉肉托果  wang mai rou tuo guo

Trees, 10–30 m tall; branchlets robust, grayish white, glabrous, striate and lenticellate. Petiole 1.5–5 cm, glabrous, channeled above, inflated at base; leaf blade oblanceolate, 15–30 × 4–7.5 cm, leathery, glabrous on both surfaces, adaxially lucid, glaucous, base subrounded, margin entire, crispate, apex acute to shortly acuminate, midrib slightly impressed adaxially, elevated abaxially, lateral veins ca. 15 pairs, prominent abaxially, reticulate venation conspicuous on both surfaces. Inflorescence paniculate, ca. 15 cm, tomentose; floral subtending bracts 1–2 mm, tomentose. Pedicel 0.5–1 mm, grayish white tomentose. Calyx tomentose, lobes triangular ca. 0.5 mm with ciliate margins. Petals oblong to ovate-oblong, 1.5–2 × ca. 1 mm, sparsely mixed glandular-pubescent and tomentose. Stamen filaments linear, ca. 2 mm; anthers ca. 0.7 mm. Disk glabrous. Ovary tomentose. Drupes rounded, ca. 1 cm in diam., lower part covered by hypocarp. Fl. Feb–Apr, fr. May–Jun.

Hill forests; 500–1400 m. S Yunnan (Jinghong, Mengla) [Laos, N Thailand, Vietnam].


钝叶肉托果  dun ye rou tuo guo

Semecarpus elmeri Perkins; S. ferrugineus Merrill; S. lanceolatus Ridley; S. megabotrys Merrill; S. merrillianus Perkins;
*S. micranthus* Perkins; *S. obtusifolius* Merrill; *S. perrottetii* Marchand; *S. philippinensis* Engler; *S. pilosus* Merrill; *S. ridleyi* Merrill; *S. taftianus* Perkins; *S. thyroides* Elmer; *S. whitfordii* Merrill.

Trees, 4–20 m tall; branchlets brownish. Petiole 1–3 cm, sparsely pubescent; leaf blade obovate-oblong to narrowly elliptic, 8–35 × 2–9 cm, leathery, adaxially glabrous to minutely pubescent, abaxially variable in hairiness from densely tomentose or pubescent to rarely glabrous, with distinct papillae except on midrib and major veins, base cuneate to obtuse, margin entire, apex variable from acute to rounded, lateral veins 11–25 pairs, prominent abaxially, reticulate venation prominent abaxially, distinct to indistinct adaxially. Inflorescence paniculate, 15–30 cm, tomentose or pubescent; floral subtending bracts 0.5–3 mm. Pedicel missing or very short; flowers greenish white. Calyx lobes broadly ovate, 0.5–1 mm, obtuse apically. Petals ovate-oblong to elliptic, 1.5–3 mm, minutely pubescent to glabrous, longitudinally veined. Stamens 2.5–3 mm; anthers ca. 0.7 mm; staminodes in female flowers ca. 1 mm. Disk round, flat, 1–2 mm across, pilose. Ovary ca. 2 mm across, densely pubescent. Drupe ovoid to broadly ellipsoid, 1–2 × 0.7–1.5 cm, apex obtuse, lower part covered by hypocarp.

Disturbed open vegetation; lowlands. Taiwan (Lan Yu) [E Indonesia, Philippines].