

16. CYPHOLOPHUS Weddell, Ann. Sci. Nat., Bot., sér. 4, 1: 198. 1854.

瘤冠麻属 liu guan ma shu

Chen Jiarui (陈家瑞 Chen Chia-jui); Ib Friis, C. Melanie Wilmot-Dear

Shrubs or small trees, without stinging hairs. Leaves opposite; stipules deciduous, lateral, free; leaf blade 3-veined, often bullate-rugose adaxially, margin serrate; cystoliths punctiform. Inflorescences axillary, at proximal nodes of older branches, glomerules globose or semiglobose, of unisexual flowers (plants monoecious or dioecious). Male flowers: perianth lobes 4 or 5, valvate; stamens 4 or 5; filaments inflexed in bud; rudimentary ovary obovoid, tomentose around base. Female flowers: perianth connate into a tube, free from ovary, ventricose, 2- or unequally 4-toothed. staminodes absent. Ovary straight; style present; stigma filiform, recurved, long fimbriate on adaxial side, persistent; ovule orthotropous. Achene enclosed by fleshy perianth, compressed.

Between 15 and 30 species: China (Taiwan), Indonesia, C Malaysia, New Guinea, Philippines, Pacific Islands; one species in China.

1. Cypholophus moluccanus (Blume) Miquel, Ann. Mus. Bot. Lugduno-Batavi 4: 303. 1868–1869.

瘤冠麻 liu guan ma

Urtica moluccana Blume, Bijdr. Fl. Ned. Ind. 492. 1826.

Shrubs, tall, monoecious. Branches and petioles densely appressed, gray pubescent. Stipules narrowly lanceolate to linear, 1–2 cm; petiole 2–18.5 cm; leaf blade broadly ovate, 10–27 × 6.5–20 cm, thick papery, 3-veined, lateral veins 4–6 pairs, adaxial surface bullate-rugose, sparsely strigose, abaxial surface

densely appressed strigose, base obliquely rounded or slightly cordate, margin serrulate or crenulate, apex acute to acuminate. Glomerules on previous year's or older branches, semiglobose. Male perianth lobes obovate, apex acute. Female perianth tube obovoid, apex 4-toothed. Achene oblong-obovoid, slightly symmetric, ca. 1.5 mm. Fl. Apr–Jun, fr. Jul–Sep.

Thickets, moist places in forests in valleys; below 200 m. Taiwan (Hualian, Lan Yu) [Indonesia, Philippines; Pacific Islands (Hawaii, Micronesia)].

The fibers are frequently used to make ropes and coarse cloth.

