

10. PSEUDUVARIA Miquel, Fl. Ned. Ind. 1(2): 32. 1858.

金钩花属 jin gou hua shu

Li Bingtao (李秉滔 Li Ping-tao); Yvonne C. F. Su (许传芳), Richard M. K. Saunders

Trees to 40 m tall, dioecious, monoecious, andro-dioecious, or hermaphroditic. Petiole short or absent; leaf blade venation arcuately looped near margin. Inflorescences on young branches [rarely on trunks], rhipidial, solitary or in clusters; peduncle short [or long]; sympodial rachis internodes short [or long]. Flowers unisexual [or bisexual], pendent. Pedicel short or long, with submedian bracteoles. Sepals 3, valvate, free or basally connate, membranous. Petals 6, in 2 whorls, free, with each whorl valvate; outer petals generally shorter than inner petals, generally without basal claw, membranous; inner petals sometimes with adaxial glands, base generally clawed, apically connivent to form a mitriform dome. Male flowers: stamens [7–]46–56[–153], cuneate, extrorse, often with a ring of staminodes; connectives apically truncate. Female flowers: staminodes [0–]7–9[–20]; carpels [1–]7–14[–30], free; ovules [1–]5 or 6[–20] per carpel, in [1 or]2 series. Fruit apocarpous; monocarps shortly stipitate [or sessile], generally globose [or ellipsoid], mostly with longitudinal groove, [smooth or] rugose. Seeds smooth or rugose.

About 56 species: tropical and subtropical Asia; one species in China.

1. *Pseuduvaria trimera* (Craib) Y. C. F. Su & R. M. K. Saunders, Syst. Bot. Monogr. 79: 174. 2006.

金钩花 jin gou hua

Mitrephora trimera Craib, Bull. Misc. Inform. Kew 1913: 65. 1913; *Pseuduvaria indochinensis* Merrill.

Trees to 20 m tall, monoecious. Branches pale gray, densely puberulent when young, glabrescent. Petiole 3–11 mm, very densely puberulent; leaf blade obovate-elliptic to elliptic, 10–23 × 3.5–8.5 cm, thinly leathery, abaxially bluish green and glabrous, adaxially glossy and sparsely puberulent, secondary veins 10–12(–18) on each side of midvein and pubescent on both surfaces, base broadly cuneate to obtuse, apex acuminate. Inflorescences on young branches, in clusters of 3–6, each 1- or 2-flowered; peduncle inconspicuous; sympodial rachides short. Flowers unisexual. Pedicel 1–3 cm. Sepals ovate, 1–1.5 × 2–2.5 mm. Petals yellow; outer petals ovate, 2–3 × 1.5–3 mm; inner petals clawed-triangular, 5–8 × 3–5.5 mm, basal claw 2.5–5 mm. Male flowers: stamens 46–56. Female flowers: staminodes 7–9; carpels 7–14; ovules 5 or 6 per carpel, in 2 series. Fruiting pedicel 2–3 cm; monocarp stipes 1–1.4 cm; monocarps green, globose, 1.6–2.2 × 1.6–2.1 cm, densely puberulent. Seeds rugose. Fl. Feb–Apr, fr. Apr–Jul.

Evergreen and deciduous broad-leaved forests at base of limestone mountains; 200–700(–1500) m. S Yunnan [Myanmar, Thailand, Vietnam].

