

109. PHYLACIUM Bennett in Bennett & R. Brown, Pl. Jav. Rar. 159. 1840.

苞护豆属 bao hu dou shu

Huang Puhua (黄普华 Huang Pu-hwa); Hiroyoshi Ohashi

Herbs, twining. Leaves pinnately 3-foliolate; stipules narrow. Inflorescence axillary, racemelike, sometimes 1- or 2-branched; flowers solitary or fascicled at nodes. Bracts membranous, enlarging after anthesis, leaflike, boat-shaped. Calyx membranous, 5-lobed, upper 2 lobes connate. Corolla white; petals clawed; standard nearly orbicular, with paired calluses above auricles; wings oblong, auriculate; keel incurved, shortly auriculate. Vexillary stamen free; anthers uniform. Ovary nearly sessile, with annular disk around base; ovule 1; style slightly thickened above. Legume broadly elliptic, indehiscent, compressed, reticulate veined. Seed 1, reniform or orbicular.

Three species: China, India, Laos, Malaysia, Myanmar, Philippines, Thailand; one species in China.

Phylacium was originally placed within the Desmodieae, largely because of the indehiscent fruit; but the twining habit is anomalous within the tribe, and the genus is now regarded as a member of the Phaseoleae.

1. *Phylacium majus* Collett & Hemsley, J. Linn. Soc., Bot. 28: 44. 1890.

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Young stem winged, long appressed hairy. Petiole 7–10 cm; leaflet blade oblong, (5–)8–13 × (2–)4–5(–6.5) cm, abaxially densely grayish yellow pubescent, adaxially glabrous, base rounded to slightly cordate, sometimes emarginate, apex obtuse. Inflorescence 10–15 cm, retrorsely strigose, ca. 14 flowers per bract; bracts boat-shaped, enlarging after anthesis, 2.5–3.8 cm,

veined, abaxially glabrous, adaxially strigose. Flowers 1.2–1.4 cm; pedicel short, 2–3 mm, retrorsely strigose. Calyx strigose, 5-lobed; lower 3 lobes ovate, upper 2 lobes connate, triangular. Corolla white, ca. 1 cm; standard nearly orbicular; wings oblong; keel nearly erect, apex obtuse. Ovary shortly stipitate, with an annular disk around base. Legume ovoid, ca. 8 × 5 mm, retrorsely strigose, apex acute. Seed brown, reniform, ca. 5 × 5 mm. Fl. and fr. Sep–Nov.

Sunny slopes, mixed forests, thickets; 200–900 m. SW Guangxi, S Yunnan [Laos, Myanmar, Thailand].

