

**124. PYCNOSPORA** R. Brown ex Wight & Arnott, Prodr. Fl. Ind. Orient. 197. 1834.

密子豆属 mi zi dou shu

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

Herbs or subshrubs. Leaves pinnately 3-foliolate or sometimes only 1-foliolate, stipulate and stipellate. Inflorescences terminal, racemose; bracts scarios, deciduous. Flowers small. Calyx campanulate; lobes long, upper 2 nearly connate. Corolla pale violet, obviously exerted; petals nearly equal; standard nearly orbicular, base attenuate; wings connate; keel obtuse. Stamens diadelphous (9+1); anthers uniform. Ovary sessile, many ovuled; style filiform, incurved; stigma capitate, small. Legume oblong, turgid, not jointed, transversely veined, dehiscent, not transversely septate, 8–10-seeded.

One species: tropical Africa, Asia to E Australia.

**1. *Pycnospora lutescens*** (Poiret) Schindler, J. Bot. 64: 145. 1926.

密子豆 mi zi dou

*Hedysarum lutescens* Poiret in Lamarck, Encycl. 6: 417. 1805; *Desmodium lutescens* (Poiret) Candolle; *D. viride* Vogel; *Phaca trifoliata* Linnaeus, nom. utique rej.; *Pycnospora hedy-saroides* R. Brown ex Wight & Arnott; *P. nervosa* Wight & Arnott.

Plants 15–60 cm tall. Stem erect or procumbent, branched from base of stem. Branchlets gray pubescent. Petiole ca. 1 cm, gray pubescent; terminal leaflet blade obovate or obovate-oblong, 1.2–3.5 × 1–2.5 cm, lateral veins 4–7 on each side of midvein, distinctly reticulate veined, both surfaces densely ap-

pressed pubescent, base cuneate or slightly cordate, apex rounded or emarginate; lateral leaflets often smaller or sometimes absent. Racemes 3–6 cm, 2-flowered at each node. Pedicel 2–4 mm, gray pubescent. Calyx ca. 2 mm; lobes narrowly triangular, pubescent. Corolla ca. 4 mm. Ovary pubescent. Legume black when mature, 6–10 mm, turgid, transversely veined, slightly hairy, lower suture distinctly prominent, along upper suture dehiscent. Seeds reniform-elliptic, ca. 2 mm. Fl. and fr. Aug–Sep.

Grassy slopes on mountains, plains; sea level to 1300 m. ?Fujian, Guangdong, Guangxi, SW Guizhou, Hainan, S Jiangxi, Taiwan, Yunnan [Cambodia, India, Indonesia, Laos, Myanmar, New Guinea, Philippines, Thailand, Vietnam; E Australia].

This species is planted for soil conservation and green manure.

