

25. ADENANTHERA Linnaeus, Sp. Pl. 1: 384. 1753.

海红豆属 hai hong dou shu

Trees, unarmed. Leaves bipinnate, spirally arranged, without glands; stipules caducous, small; leaflets alternate, in many pairs, small. Inflorescence a raceme or panicle, axillary or terminal. Flowers white or yellowish, bisexual or polygamous, shortly pedicellate. Calyx campanulate, shortly 5-toothed. Petals 5, lanceolate, coherent below middle or soon free. Stamens 10, free, slightly longer than petals; anthers ovoid, with a deciduous gland at apex. Ovary sessile, many ovuled; style filiform. Legume straight, falcate, or slightly twisted, strap-shaped, leathery, septate between seeds, dehiscent along sutures when ripe. Seeds thick; testa scarlet or 2-colored, hard, with pleurogram, mostly enclosed by a thin pulp.

Twelve species: tropical Asia and the Pacific islands; one species in China.

1. *Adenanthera microsperma* Teijsmann & Binnendijk, Natuurk. Tijdschr. Ned.-Indië 27: 58. 1864.

海红豆 hai hong dou

*Adenanthera microsperma* var. *luteosemiralis* G. A. Fu & Y. K. Yang; *A. pavonina* Linnaeus var. *luteosemiralis* (G. A. Fu & Y. K. Yang) X. Y. Zhu; *A. pavonina* var. *microsperma* (Teijsmann & Binnendijk) I. C. Nielsen.

Trees, deciduous, 5–20 m tall. Branchlets puberulent. Petiole and rachis puberulent; pinnae 3–5 pairs; leaflets 4–7 pairs, with short petiolules, alternate, oblong or ovate, 2.5–3.5 × 1.5–2.5 cm, both surfaces puberulent, both ends rounded-obtuse. Racemes simple, axillary or arranged in panicles at apices of

branchlets, puberulent. Flowers white or yellow, small, fragrant, shortly pedicellate. Calyx less than 1 mm, together with pedicel golden yellow puberulent. Petals oblong, 2.5–3.5 mm, usually glabrous but occasionally puberulent toward apex, slightly connate at base. Stamens 3–4.5 mm; anthers ca. 0.5 mm. Ovary nearly sessile, villous; style filiform; stigma small. Legume narrowly oblong, 10–20 × 1.2–1.4 cm, valves contorted after dehiscence. Seeds scarlet or yellow, suborbicular to ellipsoidal, 5–8 × 4.5–7 mm. Fl. Apr–Jul, fr. Jul–Oct.

Valleys, along streams, forests, cultivated in gardens; sea level to 1000 m. Fujian, Guangdong, Guangxi, Guizhou, Hainan, Taiwan, Yunnan [Cambodia, Indonesia, Laos, Malaysia, Myanmar, Thailand, Vietnam].

