

32. JASMINANTHES Blume, Ann. Mus. Bot. Lugduno-Batavum 1: 148. 1850.

黑鳗藤属 hei man teng shu

Stephanotis Du Petit-Thouars sect. *Jasminanthès* (Blume) Hemsley; *Huthamnus* Tsiang.

Lianas. Cymes extra-axillary, umbel-like, simple or dichotomous. Calyx deeply 5-parted, usually eglandular, segments erect and connate at base. Corolla salverform or urceolate; tube elongated, base broad, throat constricted or slightly dilated, interior with 5 pairs of longitudinal lines of hairs; lobes 5, twisted to right, usually longer than tube, acuminate in bud. Corona lobes usually conspicuous, adnate to back of stamens, erect, apex free, dorsally compressed, with board-shaped processes on back, minute or absent. Filaments connate into a short tube; anther appendages erect or inflexed on stigma head; pollinia 2 per pollinarium, erect. Stigma head conical or capitate. Follicles lanceolate or oblong-lanceolate, apex acuminate. Seeds comose.

About five species: China, Thailand; four species in China.

Jasminanthès was formerly included in *Stephanotis*, but the latter is endemic to Madagascar.

- 1a. Leaf blade broadly cuneate at base, glabrous 1. *J. saxatilis*
- 1b. Leaf blade cordate to truncate at base, tomentose or puberulent when young, glabrescent.
 - 2a. Corolla lobes shorter than tube; corona absent; leaves tomentose 2. *J. pilosa*
 - 2b. Corolla lobes longer than or equalling tube; corona present; leaves puberulent to glabrescent.
 - 3a. Corolla tube 10–20 mm, lobes 17–30 mm 3. *J. mucronata*
 - 3b. Corolla tube 7–8 mm, lobes ca. 7 mm 4. *J. chunii*

1. *Jasminanthès saxatilis* (Tsiang & P. T. Li) W. D. Stevens, & P. T. Li in M. G. Gilbert, W. D. Stevens, & P. T. Li, Novon 5: 11. 1995.

云南黑鳗藤 yun nan hei man teng

Stephanotis saxatilis Tsiang & P. T. Li, Acta Phytotax. Sin. 12: 118. 1974.

Lianas to 4 m. Branches pale gray, pubescent along 2 lines. Petiole 1–1.5 cm; leaf blade elliptic to oblong-lanceolate, 5.5–10 × 1–3.5 cm, thin papery, glabrous, base broadly cuneate, apex long acuminate; lateral veins ca. 7 pairs. Cymes many flowered; peduncle 3–4 cm. Pedicel ca. 1 cm, pubescent. Sepals oblong-ovate, ca. 3 × 1 mm, pubescent. Corolla greenish, salverform; tube ca. 7 mm, dilated at base, glabrous outside; lobes oblong-falcate, ca. 10 × 3 mm. Corona lobes reaching base of anthers, with raised keel on back, apex subobtusate. Anthers subquadrangular, appendages oblong, longer than stigma head; pollinia oblong. Stigma head umbonate. Fl. May.

• Bushland; 800–1200 m. W Guangxi, SE Yunnan.

2. *Jasminanthès pilosa* (Kerr) W. D. Stevens & P. T. Li in M. G. Gilbert, W. D. Stevens, & P. T. Li, Novon 5: 11. 1995.

茶药藤 cha yao teng

Stephanotis pilosa Kerr, Bull. Misc. Inform. Kew 1938: 453. 1938; *Huthamnus sinicus* Tsiang.

Lianas to 10 m, most parts densely yellowish tomentose. flowered; peduncle 1.5–2 cm; bracteoles ovate, pubescent. Pedicel 2–3 cm. Sepals oblong, ca. 7 mm. Corolla white with purple juice; tube ca. 2 cm, glabrous outside; lobes falcate, ca. 3 cm × 5 mm, spreading. Gynostegium shorter than corolla tube. Corona lobes 5, shorter than anthers. Anthers apical appendages oblong-ovate, longer than stigma head; pollinia ellipsoid. Stigma head capitate, apex obscurely 2-lobed. Folli-

Petiole 1–4.5 cm; leaf blade ovate, 9–19 × 4–12 cm, sub-leathery, base cordate, apex acute and mucronate; lateral veins 7–10 pairs. Peduncle ca. 2 cm. Pedicel ca. 1 cm. Sepals oblong-lanceolate, ca. 2.6 × 0.8 mm, leaflike. Corolla white, salverform, ca. 4.5 cm in diam.; tube ca. 5 cm, dilated at base, puberulent outside, with 5 longitudinal lines of hairs inside; lobes oblong-falcate, ca. 3.5 × 1.3 cm, puberulent outside, glabrous inside. Corona absent. Anthers subquadrangular, apical appendages oblong, covering stigma head; pollinia oblong. Stigma head conical. Follicles lanceolate, ca. 21 × 2.7 cm, glabrous. Seeds ovate, ca. 2 × 1 cm, margin membranous; coma ca. 4 cm. Fl. summer.

Dense forests, humid thickets; 400–1600 m. Guangxi, Yunnan [Thailand].

3. *Jasminanthès mucronata* (Blanco) W. D. Stevens & P. T. Li in M. G. Gilbert, W. D. Stevens, & P. T. Li, Novon 5: 10. 1995.

黑鳗藤 hei man teng

Apocynum mucronatum Blanco, Fl. Filip. 852. 1837; *Stephanotis chinensis* Champion ex Benthams; *S. mucronata* (Blanco) Merrill.

Lianas to 12 m. Stems pubescent along 2 lines, lenticellate. Petiole 2–3 cm; leaf blade ovate-oblong, 7–12 × 4.5–8 cm, papery, pubescent or glabrescent, base cordate, apex acuminate; lateral veins ca. 8 pairs. Cymes usually 2–4(–9)-

cles lanceolate, ca. 12 × 1 cm, glabrous. Seeds oblong, ca. 1 cm; coma ca. 2.5 cm. Fl. May–Jun, fr. Sep–Nov.

• Montane forests, often attached to trees; 100–600 m. Fujian, Guangdong, Guangxi, Guizhou, Hunan, Sichuan, Taiwan, Zhejiang.

4. *Jasminanthès chunii* (Tsiang) W. D. Stevens & P. T. Li in

M. G. Gilbert, W. D. Stevens, & P. T. Li, *Novon* 5: 10. 1995.

假木藤 jia mu teng

Stephanotis chunii Tsiang, *Sunyatsenia* 3: 165. 1936.

Lianas to 8 m. Branchlets pubescent along 2 lines, glabrescent. Petiole 1–2 cm; leaf blade ovate or broadly ovate-oblong, 7–11 × 4–6.5 cm, papery, glabrescent, base cordate, apex acuminate; lateral veins 6 or 7 pairs. Cymes shorter than leaves, to 12-flowered; peduncle 1–1.5 cm. Pedicel ca. 1.5 cm, densely pubescent. Sepals oblong, ca. 5 × 2 mm, pubescent, ciliate. Corolla white; tube 7–8 mm, glabrous outside, with 5 pairs of longitudinal lines of hairs inside; lobes oblong-falcate, ca. 7 mm, ciliate. Corona lobes minute, flat, shorter than anthers; pollinia ovoid. Stigma head capitate, apex obtuse. Follicles ovoid-lanceolate, ca. 13 × 2 cm, glabrous. Seeds oblong-ovate, margin membranous, ca. 10 × 5–6 mm; coma ca. 5.5 cm. Fl. May–Jun, fr. Aug–Dec.

• Moist forests, often attached to trees; 600–1000 m. Guangdong, Guangxi, Hunan.

