

**16. CORCHOROPSIS** Siebold & Zuccarini, Abh. Math.-Phys. Cl. Königl. Bayer. Akad. Wiss. 3(2): 737. 1843.

田麻属 tian ma shu

Annual herbs; stems stellate or hairy with other types of hairs. Stipules minute, caducous; leaf blade simple, basal veins 3, margin dentate or serrate, stellate hairy. Inflorescence axillary, cymose, 1–3-flowered. Flowers bisexual. Sepals 5, narrowly lanceolate. Petals 5, yellow, obovate. Stamens usually 15, in 5 groups of 3 alternating with staminodes; staminodes 5, spatulate-linear. Ovary densely tomentose or glabrous, 3-celled; ovules many per locule; style subulate; stigma truncate, slightly 3-lobed. Capsule cylindrical, 3-valved. Seeds many.

One species: China, Japan, Korea.

**1. *Corchoropsis crenata*** Siebold & Zuccarini, Abh. Math.-Phys. Cl. Königl. Bayer. Akad. Wiss. 3(2): 737. 1843.

田麻 tian ma

Annual herbs, to 1 m tall; stems and branches stellate pilose. Stipules subulate, 2–4 mm, caducous; petiole 0.2–2.3 cm, hairy; leaf blade ovate or narrowly ovate, 2.5–6(–8) × 1–3(–4.5) cm, papery or membranous, both surfaces densely stellate pubescent, basal veins 3(–5), lateral veins 2–3 on each side of midrib, base rounded to shallowly cordate, margin crenate-dentate, apex acuminate. Pedicels slender, 1.5–3 cm. Sepals narrowly lanceolate, 5–8 mm, reflexed. Petals yellow, obovate, (3–)6–10 mm. Stamens (5–)10–15, in 5 groups of (1–)2–3, 1/2 as long as petals, recurved; staminodes 5, spatulate-linear, 7–10 mm, stiffly erect. Ovary densely tomentose or glabrous. Capsule narrowly cylindrical, 1.7–3(–4) × 0.2–0.3 cm, very densely to sparsely stellate hairy or glabrous. Seeds ovoid, less than 3 mm, obscurely transversely ridged. Fl. Apr–Jun, fr. autumn.  $2n = 20$ .

Anhui, Fujian, Gansu, Guangdong, Guangxi, Guizhou, Hebei, Henan, Hubei, Hunan, Jiangsu, Jiangxi, Liaoning, Shaanxi, Shandong, Shanxi, Sichuan, Zhejiang [Japan, Korea].

In FRPS (49(1): 81. 1989) this species was treated as *Corchoropsis tomentosa* Makino, based on *Corchorus tomentosus* Thunberg, but the latter name was nomenclaturally superfluous when published, and is therefore illegitimate, because in the protologue (Fl. Jap. 228. 1784) Thunberg listed *C. hirsutus* Linnaeus as a synonym.

- 1a. Ovary densely tomentose; capsule very densely to sparsely hairy ..... 1a. var. *crenata*  
1b. Ovary and capsule glabrous ..... 1b. var. *hupehensis*

**1a. *Corchoropsis crenata* var. *crenata***

田麻(原变种) tian ma (yuan bian zhong)

*Corchoropsis tomentosa* Makino var. *micropetala* Y. T. Zhang; *C. tomentosa* var. *tomentosicarpa* P. L. Chiu & G. R. Zhong.

Ovary densely tomentose. Capsule very densely to sparsely hairy.

Anhui, Fujian, Gansu, Guangdong, Guangxi, Guizhou, Hebei, Henan, Hubei, Hunan, Jiangsu, Jiangxi, Shaanxi, Shanxi, Sichuan, Zhejiang [Japan, Korea].

*Corchoropsis tomentosa* var. *micropetala* was described as having much smaller flowers, with petals only ca. 3 mm, but otherwise fits here.

**1b. *Corchoropsis crenata* var. *hupehensis*** Pampanini, Nuovo Giorn. Bot. Ital., n.s., 17: 431. 1910.

光果田麻 guang guo tian ma

*Corchoropsis psilocarpa* Harms & Loesener; *C. tomentosa* var. *psilocarpa* (Harms & Loesener) C. Y. Wu & Y. Tang.

Ovary and capsule glabrous.

Anhui, Gansu, Hebei, Henan, Hubei, Jiangsu, Liaoning, Shandong [Korea].

Flora of China 12: 326–327. 2007.

Type material of *Corchoropsis crenata* var. *hupehensis* has not been seen, but, assuming that Pampanini placed it in the correct genus, the mention of a glabrous ovary and capsule clearly places it here, where it has priority over *C. tomentosa* var. *psilocarpa*.

Flora of China 12: 326–327. 2007.