

15. **EUSTIGMA** Gardner & Champion, Hooker's J. Bot. Kew Gard. Misc. 1: 312. 1849.

秀柱花属 xiu zhu hua shu

Shrubs or small trees, evergreen; branches usually stellately pubescent; buds naked. Leaves petiolate; stipules minute, caducous, leaving small scars; leaf blade leathery, margin entire or dentate towards leaf apex, venation pinnate. Inflorescence racemose, terminal, mostly on short 2-leaved lateral branches, pedunculate; basal inflorescence bracts 2. Flowers bisexual. Floral cup turbinate, stellately tomentose. Sepals 5. Petals 5, small, yellow, scalelike, geniculate, with two dorsal swellings. Stamens 5, opposite to sepals, filaments very short; anther thecae 2-sporangiate, each dehiscent by 2 valves; staminodes absent. Ovary almost inferior; ovules 1 per locule; styles long; stigmas very large, spatulate, verrucose, dark purple. Capsules ovoid-globose, woody, dehiscent loculicidally by two 2-lobed valves; endocarp loose from woody exocarp. Seeds narrowly ovoid.

Three species: China, Vietnam; three species (two endemic) in China.

- 1a. Leaves and young branches glabrescent, leaves oblong to oblong-lanceolate 1. *E. oblongifolium*
1b. Leaves and young branches pubescent, leaves elliptic or oblong.
2a. Leaves elliptic or oblong, abaxially brown stellately tomentose 2. *E. balansae*
2b. Leaves narrowly rounded, abaxially stellately pubescent along veins 3. *E. lenticellatum*

1. ***Eustigma oblongifolium*** Gardner & Champion, Hooker's J. Bot. Kew Gard. Misc. 1: 312. 1849.

秀柱花 xiu zhu hua

Young branches glabrescent, older growth drying gray-brown, lenticellate. Stipules linear; petiole 5–10 mm, glabrescent; leaf blade oblong or oblong-lanceolate, 7–17 × 3–6 cm, drying discolorous, abaxially glabrous, adaxially somewhat shiny, base obtuse or cuneate, margin entire or sometimes dentate towards leaf apex, apex acuminate; lateral veins 6–8 on each side, abaxially prominent. Inflorescences 2–2.5 cm; peduncle 6–8 mm, initially lepidote; general bracts ovate, 1–1.2 cm; bracts and bracteoles ovate, stellately pubescent. Floral cup 2–2.5 mm, stellately pubescent. Sepals ovate, 2.5–3 mm, deciduous. Petals obovate, slightly shorter than floral cup, apex 2-lobed. Anthers ovoid, 0.8–1 mm. Styles 8–12 mm. Capsule 18–20 mm, glabrous. Seeds 8–10 mm. Fl. Apr–Jun, fr. Jul–Sep.

• Forests; 100–200 m. Fujian, Guangdong, Guangxi, Guizhou, Hainan, S Jiangxi, Taiwan.

2. ***Eustigma balansae*** Oliver, Hooker's Icon. Pl. 20: t. 1954. 1891.

褐毛秀柱花 he mao xiu zhu hua

Distylium chingii Chun ex E. Walker.

Trees to 16 m tall; buds brown tomentose. Stipules linear or narrowly lanceolate; petiole 6–12 mm, brown stellately tomentose; leaf blade elliptic or oblong, 10–16 × 4–6 cm, drying discolorous, abaxially brown stellately tomentose, adaxially shiny, base obtuse or broadly cuneate, margin entire, apex acuminate; lateral veins 7–11 on each side, abaxially slightly prominent. Inflorescences 4–7 cm; peduncle brown tomentose; basal inflorescence bracts 2, leaflike, 1.2–1.5 cm, abaxially brown stellately tomentose; bracts and bracteoles obovate, ca. 3 mm. Floral cup stellately tomentose. Sepals 1.8–2 mm. Petals 1.2–1.5 mm, apex obtuse. Stamens somewhat shorter than sepals. Ovary stellately tomentose; styles 6–8 mm, glabrous. Capsule 15–17 × 12–15 mm, brown stellately tomentose. Seeds 7–8 mm. Fl. Apr–May, fr. Jun–Aug.

Forests; 400–500 m. Guangdong, Guangxi, Yunnan [Vietnam].

3. ***Eustigma lenticellatum*** C. Y. Wu, Fl. Yunnan. 1: 130. 1977.

云南秀柱花 yun nan xiu zhu hua

Eustigma stellatum Feng ex C. Y. Wu.

Trees to 10 m tall. Petiole 1–2 cm; leaf blade narrowly rounded, 7–12 × 3–5 cm, abaxially brown stellately tomentose along veins, adaxially glabrous, base broadly cuneate or obtuse, margin entire, apex acute; lateral veins 7–10 on each side. Peduncle 5–10 mm; bracts ca. 1 mm. Flowers shortly pedicellate. Floral cup 1.8–2 mm. Sepals short. Petals minute. Stamens ca. 2

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mm. Styles 3–4 mm. Fruiting pedicel 8–10 mm; capsule 1.1–1.3 cm. Fl. Apr–May, fr. Jun–Aug.

- Forests; 1000–1200 m. SE Yunnan (Guangnan Xian, Pingbian Xian).

