

87. CERATANTHUS F. Mueller ex G. Taylor, J. Bot. 74: 35. 1936.

角花属 jiao hua shu

Herbs perennial. Leaves petiolate, dentate. Verticillasters 4–10-flowered, in terminal racemes; bracts ovate. Pedicel slender. Calyx broadly funnelform, 2-lipped, very open in flower; upper lip 3-lobed, middle lobe circular, decurrent into tube at margin, lateral lobes much smaller; lower lip trapeziform, emarginate. Corolla tube narrow, glabrous inside, base with long slender spur, limb 2-lipped; upper lip reflexed, subequally 4-lobed; lower lip slightly longer, navicular, slightly concave. Stamens 4, didynamous; posterior 2 hairy at base, inserted at base of corolla tube, somewhat shorter than corolla limb; anterior 2 glabrous, inserted at throat, nearly as long as limb; filaments free; anthers 1-locellate. Style as long as posterior stamens, apex subequally 2-cleft. Nutlets subglobose, glabrous, minutely pitted.

About eight species: Asia, Australia; one species in China.

1. *Ceratanthus calcaratus* (Hemsley) G. Taylor, J. Bot. 74: 40. 1936.

角花 jiao hua

Plectranthus calcaratus Hemsley, Hooker's Icon. Pl. 27: t. 2671. 1900; *Hemslea calcarata* (Hemsley) Kudô.

Herbs perennial, mostly sparsely rust colored, moniliform glandular villous. Stems ascending, ca. 25 cm tall, much branched, base trailing; branches and stem slender, purple-red. Petiole 4–9 mm; leaf blade ovate to ovate-oblong, 1.4–5 × 0.7–2.6 cm, papery, sometimes subglabrous, adaxially appressed minutely hispid, abaxially appressed minutely hispid on veins, base cuneate-decurrent, margin crenate, apex acuminate to acute. Verticillasters in loose terminal racemes; bracts ca. 3.5 × 3 mm, apex abruptly acute. Pedicel 3–5 mm. Calyx broadly funnelform, ca. 2 × 4.5 mm, villous, golden glandular, glabrous inside; middle lobe of upper lip ca. 1.6 mm wide, lateral lobes obliquely triangular-orbicular; lower lip ca. 1.6 × 1.2 mm, apex emarginate. Corolla blue, ca. 1.8 cm, glandular villous, spur ca. 1/2 as long as corolla, throat ca. 4 mm wide; upper lip ca. 5 mm, lobes triangular-ovate, middle lobe somewhat larger than lateral lobes; lower lip slightly longer, ca. 1.6 mm wide, slightly concave. Anthers blue. Style capitate. Nutlets gray-brown, ca. 1.2 mm in diam. Fl. Sep-Oct, fr. Oct-Nov.

Valleys, dense or sparse forests, streamsides; 800–1600 m. Guangxi, Yunnan [Myanmar].

