

25. DEINANTHE Maximowicz, Mém. Acad. Imp. Sci. Saint Pétersbourg, Sér. 7, 10(16): 2. 1867.

叉叶蓝属 cha ye lan shu

Wei Zhaofen (卫兆芬 Wei Chao-fen); Bruce Bartholomew

Herbs perennial, with horizontal rhizomes. Leaves opposite, usually 2- or 4-crowded apically on stem. Inflorescence terminal, an umbellate or corymbose cyme, few flowered; involucre and bracts deciduous or occasionally persistent. Sterile flowers small, borne at margin of inflorescence. Fertile flowers large. Calyx tube hemispheric to turbinate, adnate to ovary; lobes 5, imbricate in bud, petaloid, persistent. Petals 5–8, imbricate in bud. Stamens inserted on periphery of disc; filaments slender; anthers basifixed, broadly ellipsoid. Ovary semi-inferior; placentation parietal; ovules numerous. Styles 5, connate or apex 6-fissured; stigmas small. Fruit a capsule, semi-inferior, dehiscing between valves. Seeds numerous, small, winged at both ends.

Two species: China, Japan; one species (endemic) in China.

1. *Deinanthë caerulea* Stapf, Bot. Mag. 137: t. 8373. 1911.

叉叶蓝 cha ye lan

Herbs 30–50 cm tall. Rhizomes rough, nodose, with fibrous roots. Stem solitary. Leaves usually 4, crowded apically on stem; leaf blade broadly elliptic, ovate, or obovate, 10–25 × 6–16 cm, membranous, abaxially subglabrous except sparsely strigose along veins, adaxially sparsely strigose, secondary veins 7–9 on both sides of midvein, almost flat on both surfaces, base obtuse to narrowly cuneate, margin roughly and acutely dentate, apex entire or deeply 2-lobed with lobes 5–6 cm. Inflorescence a pedunculate, corymbose cyme, 9–15 cm, glabrous; bracts alternate, lanceolate, 1.5–2.5 cm, margin denticulate. Sterile flowers with sepals 3 or 4, greenish to blue, ovate to orbicular, subequal, ca. 1.4 cm wide. Fertile flowers usually nodding; pedicel rough, 0.5–1.5 cm. Calyx blue or slightly red; tube ca. 4 mm; lobes 5, ovate to suborbicular, 5–8 mm, apex subacute to cuspidate. Petals 6–8, blue or slightly red, obovate, suborbicular, or broadly orbicular, 1–1.4 cm wide. Stamens very numerous; filaments and anthers slightly blue; anthers ellipsoid, apex obtuse. Ovary incompletely 5-loculed. Styles terete, 5–6 mm, apex deeply 5-cleft. Capsule subglobose, ca. 1 cm in diam. Seeds brown (immature). Fl. Jun–Jul.

- Moist forests in valleys; 700–1600 m. W Hubei.

Deinanthë caerulea is similar to the Japanese species *D. bifida* Maximowicz. However, *D. caerulea* differs in having leaves usually 4, crowded at the stem apex, both surfaces with sparse, simple hairs, and flowers in a corymbose cyme.

