

80. COLEBROOKEA Smith, Exot. Bot. 2: 111. 1806.

羽萼木属 yu e mu shu

Shrubs gynodioecious, erect, densely lanate-tomentose. Stems yellow-brown. Leaves sometimes in whorls of 3, oblong-elliptic, dentate. Panicles terminal, branches spicate, pedunculate; verticillasters subtended by linear bracts, \pm united at base, involucrelike. Flowers white, sessile. Calyx campanulate, tube very short; teeth 5, subulate, plumose, elongate, spinescent, \pm adnate to nutlets in fruit. Corolla tube to slightly longer than calyx in pistillate flowers, much longer in bisexual flowers; limb \pm 2-lipped, upper lip emarginate; lower lip 3-lobed, middle lobe longer. Stamens 4, subequal, free, included in pistillate flowers, exerted in bisexual flowers; filaments glabrous; anthers subglobose, 1-locellate. Style slightly exerted in bisexual flowers, much exerted in pistillate flowers, apex equally 2-cleft; lobes subulate to linear, divaricate. Nutlets ovoid, apex villous.

Monotypic: China, India (Sikkim), Myanmar, Nepal, Thailand.

1. Colebrookea oppositifolia Smith, Exot. Bot. 2: 111. 1806.

羽萼木 yu e mu

Colebrookea ternifolia Roxburgh; *Elsholtzia oppositifolia* (Smith) Poiret.

Plants 1–3 m, much branched. Petiole 0.8–2.5 cm; leaf blade 10–20 \times 3–7 cm, base broadly cuneate to rounded, margin crenulate-serrulate, apex long acuminate, adaxially rugulose and puberulent, abaxially densely-tomentose to lanate-tomentose. Panicles 10–15 cm, branches 4–7 cm; verticillasters 10–18-flowered, globose; bracteoles ca. 1 mm, densely tomentose outside, glabrous inside. Flowers ca. 2 mm. Pistillate flowers: calyx campanulate, ca. 1.5 mm, to 6 mm in fruit, tube very short, becoming conspicuously ribbed; teeth subulate, later spinescent, \pm purple. Corolla tube puberulent, lower lip slightly longer than upper lip, with middle lobe ovate. Stamens inserted on apical part of tube, included. Style $2\times$ as long as corolla. Bisexual flowers: calyx minute, ca. 0.6 mm. Corolla to 3 mm; upper lip ovate-oblong, ca. 0.5 mm, straight, emarginate; lower lip elongated, spreading, ca. 1.5 mm, middle lobe ovate-oblong, $2\times$ as long as ovate lateral lobes. Style erect, slightly longer than corolla. Nutlets obovoid, ca. 1 mm, yellow-brown, with a small basal white scar. Fl. Jan-Mar, fr. Mar-Apr.

Savanna forests, thickets in hot, dry regions; 200–2200 m. Yunnan [India (Sikkim), Myanmar, Nepal, Thailand].

