

**38. CALCAREOBOEA** C. Y. Wu ex H. W. Li, Acta Bot. Yunnan. 4: 241. 1982.

朱红苣苔属 zhu hong ju tai shu

Herbs, perennial, epipetric, rhizomatous, stemless. Leaves few to many, basal; leaf blade puberulent to sericeous, base broadly cuneate to subcordate. Inflorescences umbel-like, dense, axillary, few- to many-flowered cymes; bracts more than 10, involucrate. Calyx actinomorphic, 5-sect from base; segments equal. Corolla red, zygomorphic, inside sparsely puberulent; tube narrowly funnelform-tubular, not swollen, 4–5 × longer than limb, ca. 5 mm in diam.; limb 2-lipped; adaxial lip 4-lobed, longer than abaxial lip; abaxial lip undivided, apex acute to rounded. Stamens 2, adnate to abaxial side of corolla tube above middle, included; anthers dorsifixed, coherent by adaxial surfaces, thecae divaricate, confluent at apex, dehiscing longitudinally; connective not projecting; staminodes 2, adnate to adaxial side of corolla tube. Disc ringlike. Ovary linear, 1-loculed; placentas 2, parietal, projecting inward, 2-cleft. Stigma 1, terminal, depressed globose, undivided. Capsule straight in relation to pedicel, linear, much surpassing calyx, dehiscing loculicidally to base; valves 4, straight, not twisted. Seeds unknown.

One species: China, N Vietnam.

**1. *Calcareoboea coccinea*** C. Y. Wu ex H. W. Li, Acta Bot. Yunnan. 4: 243. 1982.

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Petiole 3–14.5 cm, appressed pubescent; leaf blade ovate, 4.5–11 × 2–4.2 cm, densely puberulent to sericeous, margin dentate, apex acute. Peduncle 9–22 cm, appressed pubescent; bracts lanceolate to ovate, 1–2 × 0.2–1.2 cm, appressed puberulent, margin entire to denticulate. Calyx segments linear, 3–7 × 0.3–0.8 mm, outside puberulent. Corolla 1.9–2.5 cm; tube 1.5–2.1 cm; adaxial lip ca. 4 mm, lobes deltoid, 1–1.5 mm; abaxial lip broadly triangular, 2–4 mm. Filaments 4–6 mm, sparsely glandular puberulent; anthers ca. 1.8 mm; staminodes ca. 0.5 mm. Pistil 2.1–2.5 cm; ovary glabrous. Style ca. 1 cm, sparsely glandular puberulent. Capsule 4.5–7 cm. Fl. Apr–Jun.

Rocks in forests on limestone hills; 1000–1500 m. W Guangxi, SE Yunnan [N Vietnam].

