

**29. DEINOCHEILOS** W. T. Wang, Guihaia 6: 1. 1986.

全唇苣苔属 *quan chun ju tai shu*

Herbs, perennial, terrestrial or epipetric, rhizomatous, stemless. Leaves many, basal; leaf blade puberulent to pubescent, rarely woolly, base broadly cuneate to subrounded. Inflorescences lax, axillary, 2–8-flowered cymes; bracts 2, opposite. Calyx actinomorphic, 5-sect from base; segments equal. Corolla white to purplish, zygomorphic, inside glabrous; tube tubular to funnelform-tubular, not swollen, longer than limb, ca. 4 mm in diam.; limb 2-lipped; adaxial lip undivided, 1.5–4 × shorter than abaxial lip; abaxial lip 3-lobed, lobes subequal or central lobe longer, apex rounded. Stamens 2, adnate to abaxial side of corolla tube above middle, exerted; anthers basifixed, free or coherent at apex, thecae parallel, not confluent, dehiscing longitudinally; connective not projecting; staminodes 3 or absent, adnate to adaxial side of corolla tube. Disc ringlike. Ovary linear, 1-loculed; placentas 2, parietal, not projecting inward, 2-cleft. Stigma 1, terminal, truncate to depressed capitate, undivided. Capsule straight in relation to pedicel, linear, much surpassing calyx, dehiscing loculicidally to base; valves 2, straight, not twisted. Seeds unappendaged.

• Two species: endemic to China.

1a. Leaf blade leathery, 2.2–4 cm, abaxially sparsely rust-brown pubescent, margin crenate; lateral veins ca. 4 on

each side of midrib, indistinct; calyx segments 1.9–2.4 mm, margin entire; adaxial corolla lip shallowly erose

apically; anthers coherent at apex; staminodes 3 ..... 1. *D. sichuanense*

1b. Leaf blade herbaceous, 2.5–8 cm, abaxially sparsely white puberulent, midrib and lateral veins brown woolly,

margin double dentate to crenate; lateral veins 6–8 on each side of midrib, slightly prominent abaxially; calyx segments 2.5–3.5 mm, margin sparsely denticulate; adaxial corolla lip entire; anthers free;

staminodes absent ..... 2. *D. jiangxiense*

**1. *Deinocheilos sichuanense*** W. T. Wang, Guihaia 6: 2. 1986.

全唇苣苔 *quan chun ju tai*

Petiole 0.2–6 cm; leaf blade ovate to oblong ovate, 2.2–4 × 1.4–2 cm, leathery, adaxially sparsely pubescent, abaxially sparsely rust-brown pubescent, base broadly cuneate to nearly rounded, margin crenate, apex narrowly obtuse; lateral veins ca. 4 on each side of midrib, indistinct. Cymes 5–8-flowered; peduncle 5–6.2 cm, sparsely yellow villous and glandular puberulent. Pedicel 0.9–5 cm. Calyx segments linear to narrowly triangular, 1.9–2.4 mm, outside sparsely pubescent, margin entire. Corolla 1.3–1.5 cm, outside puberulent; tube ca. 1.1 cm; adaxial lip ca. 1.8 × 3 mm, shallowly erose at apex; abaxial lip 3.2–3.8 × ca. 7.5 mm.

Stamens 1–1.1 cm; anthers coherent at apex; staminodes 3, 2.5–3.8 mm. Pistil ca. 1.1 cm, glabrous. Style ca. 2.5 mm. Capsule ca. 3.8 cm. Fl. Aug.

• Rocky cliffs in hilly regions. E Sichuan (Wuxi Xian).

**2. *Deinocheilos jiangxiense*** W. T. Wang, Guihaia 6: 4. 1986.

江西全唇苣苔 *jiang xi quan chun ju tai*

Petiole 0.5–7 cm; leaf blade oblique, elliptic to obovate, 2.5–8 × 1.3–4.8 cm, herbaceous, adaxially white appressed puberulent, abaxially sparsely white puberulent, midrib and lateral veins brown woolly, base slightly oblique, broadly cuneate to nearly rounded, margin double dentate to crenate, apex obtuse to rounded; lateral veins 6–8 on each side of midrib, abaxially slightly prominent. Cymes 2–8-flowered; peduncle 6–12 cm, spreading puberulent and glandular

puberulent. Pedicel 0.8–2 cm. Calyx segments linear to spatulate-linear, 2.5–3.5 mm, outside puberulent, margin sparsely denticulate. Corolla light purple, ca. 1.5 cm, outside glandular puberulent adaxially, more so apically; tube ca. 1.1 cm; adaxial lip ca. 1 × 4 mm, entire; abaxial lip ca. 4 × 5.5 mm. Stamens ca. 1.4 cm; anthers free; staminodes absent. Pistil ca. 9.5 mm, glabrous. Style ca. 3.3 mm. Capsule unknown. Fl. Jul, Oct.

• Montane regions; ca. 1200 m. SE Jiangxi (Xunwu Xian).

