

29. LACHNOLOMA Bunge, Delect. Seminum Hort. Bot. Dorpat. 1843: 3, 8. 1843.

绵果芥属 mian guo qi shu

Herbs annual, villous throughout. Trichomes stalked, 1–3-forked, mixed with simple ones. Stems erect, simple or branched above. Basal leaves petiolate, subrosulate, simple, entire or sinuate-dentate. Cauline leaves petiolate, similar to basal ones but larger, sometimes pinnatifid. Racemes 3–16-flowered, lax, ebracteate, elongated in fruit. Fruiting pedicels slender, erect-ascending. Sepals oblong or oblong-linear, deciduous, erect, base of lateral pair saccate, margin narrowly membranous. Petals pink; blade linear or narrowly spatulate, apex obtuse; claw strongly differentiated from blade, subequalling sepals. Stamens 6, tetradynamous; filaments not dilated at base, filiform; anthers oblong, apiculate at apex. Nectar glands 2, lateral, semiannular, extrastaminal; median glands absent. Ovules 2 per ovary. Fruit indehiscent, nutletlike silicles, ovoid, terete or slightly 4-angled, sessile; valves thickened, reticulate, densely white silky; replum rounded; septum complete, thickened, opaque; style cylindrical, persistent, to 7 mm; stigma capitate, deeply 2-lobed, lobes spreading. Seeds wingless, oblong, plump; seed coat smooth, not mucilaginous when wetted; cotyledons incumbent.

One species: C and SW Asia.

1. *Lachnoloma lehmannii* Bunge, Delect. Seminum Hort. Bot. Dorpat. 1843: 8. 1843.

绵果芥 mian guo qi

Herbs annual, (2.5–)10–20(–31) cm tall, villous. Stems erect, simple or branched above. Basal leaves often withered by flowering. Cauline leaves with petioles (0.3–)0.5–3.5(–4.5) cm; leaf blade lanceolate, lanceolate-linear, or oblong, (0.5–)1–6 cm × 2–12 mm, sparsely to densely villous with forked trichomes, base attenuate, margin entire, dentate, or sinuate-dentate, rarely pinnatifid, apex acute. Fruiting pedicels erect-ascending, 1–4 mm, slender, densely villous. Sepals oblong or oblong-linear, (4–)5–7 × 1–1.5 mm, densely villous. Petals pink, linear, 7–10 × 0.5–1 mm, apex obtuse; claw 4–6 mm. Filaments 4–6 mm, slender; anthers oblong, 0.8–1 mm. Fruit ovoid, 4.5–6.5 × (2–)2.5–4 mm, densely covered with white, undulate, silky trichomes 5–8 mm; style slender, (2.5–)4–7 mm. Seeds brown, ovoid, 2.5–3.5 × 1.2–2 mm. Fl. and fr. May–Jun.

Gypsum ground, sandy or rocky soil; 300–1200 m. Xinjiang [Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan; SW Asia].

