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53. PSEUDOBARTSIA D. Y. Hong, Fl. Reipubl. Popularis Sin. 67(2): 406. 1979.

五齿萼属 wu chi e shu

Herbs, annual. Leaves opposite; leaf blade palmatisect, 3-parted. Racemes terminal. Calyx 10-veined, 5-lobed, parted to ca. 1/2 length, upper lobe slightly shallower. Corolla 2-lipped; lower lip exserted in bud, 3-lobed at anthesis, lobes patent, base 2-plicate; upper lip obscurely galeate, parted slightly beyond middle. Stamens 4, didynamous, enclosed by galea; anther locules equal, apically confluent, obovoid, pointed at base. Stigma capitate. Capsule loculicidal. Seeds numerous, sculptured, slightly curved; seed coat reticulate.

• One species: endemic to China.

Pseudobartsia is one of the most primitive members of the tribe *Rhinantheae*. The genus is related to *Odontites* Ludwig and *Bartsia* Linnaeus, and it is also similar to *Phtheirospermum* Bunge. Tao (Acta Bot. Yunnan. 15: 232. 1993) treated *Pseudobartsia yunnanensis* as conspecific with the Himalayan *Phtheirospermum glandulosum* Bentham. However, more comparative material is needed before the generic placement of *P. glandulosum* and the possible synonymy of *P. yunnanensis* can be confirmed.

1. Pseudobartsia yunnanensis D. Y. Hong, Fl. Reipubl. Popularis Sin. 67(2): 406. 1979.

五齿萼 wu chi e

Annuals, 8–13 cm tall, densely with multicellular glandular hairs. Stems erect or ascending, simple, slender. Lower leaves small, ovate-orbicular, 3-lobed to deeply 3-parted. Petiole of middle and upper leaves ca. 1 mm; leaf blade 4–6 mm, 3-parted, middle segment linear-oblanceolate, ca. 2 × as long as lateral linear segments. Racemes with several distant flowers; bracts similar to leaves in shape, 1 per flower. Pedicel short. Calyx campanulate, ca. 3.5 mm; lobes linear. Corolla yellow, ca. 4 mm; lower lip lobes obovate-orbicular; upper lip straight, apex rounded. Ovary hairy. Style ca. 2.5 mm, hairy. Capsule oblong, compressed, shorter than calyx, hirsute, apex emarginate, with persistent style. Seeds brown, ellipsoid, minute. Fl. Oct.

• Forests; ca. 2300 m. Yunnan (Songming Xian).

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