

## 2. GOMPHOGYNE Griffith, Account Bot. Coll. Cantor, 26. 1845.

锥形果属 zhui xing guo shu

Lu Anmin (路安民 Lu An-ming); Charles Jeffrey

Herbs, climbing; stems slender, angular. Leaves petiolate, pedately 7–9-foliolate; leaflet blade lanceolate or oblong, dentate. Tendrils 2-fid. Plants monoecious. Flowers small, pale green. Male flowers in racemes or panicles; calyx rotate, 5-partite; segments oblong-lanceolate, margins erose; corolla rotate, 5-partite; segments oblong-lanceolate, erose, caudate-acuminate; stamens 5; filaments short, united at base; anthers erect, subglobose, 1-celled, dehiscence longitudinal; rudimentary ovary absent. Female flowers in panicles or fascicled in axils of leaves; calyx and corolla as in male flowers; ovary clavate, 1-locular; styles 3; stigmas 2-lobed; ovules 3, pendulous from apex of locules; staminodes absent. Fruit capsular, turbinate, venose and ribbed, foveolate, truncate at apex, 3-valved, crowned by persistent styles. Seeds 3, black, oblong, testa thick, margin thickened, erose.

Two species: Bhutan, China, India, Nepal; one species in China.

**1. *Gomphogyne cissiformis*** Griffith, Account Bot. Coll. Cantor, 26. 1845.

锥形果 zhui xing guo

Stem glabrous or slightly puberulent. Leaves membranous; petiole 3–6 cm, glabrous; leaflets obovate-oblong, glabrous, median leaflets 4–6 × 1.5–2 cm, lateral leaflets shorter, base attenuate, margin crenate-dentate, apex acuminate or acute; petioles 3–9 cm. Tendrils slender, 2-fid. Plants monoecious. Male flowers in racemes or panicles; rachis slender, flexuous, 10–30 cm, glabrous; pedicels capillary-like, often fasciculate, 1–3 mm, with bracteoles at base; calyx segments narrowly ovate, 1–1.5 mm, acute; corolla segments ovate-lanceolate, 2.5–3 × ca. 1 mm, 3-veined, entire or indistinctly dentate. Female flowers in panicles 5–12 cm, or fascicled in axils of leaves; pedicels filiform, reflexed; bracteoles subulate; ovary funnelform. Fruit pale green, turbinate, 12–16 × 8–11 mm, apex truncate, 3-longitudinally dehiscent, 1–3-seeded. Seeds dark brown, oblong, 7(–12) × 3–4 mm, 1–2 mm thick, verrucose, base acute, margin dentate, apex truncate.

Forests on mountainsides; 2100–2800 m. S and SW Yunnan [Bhutan, India, Nepal].

1a. Fruit glabrous ..... 1a. var. *cissiformis*  
1b. Fruit tomentose ..... 1b. var. *villosa*

**1a. *Gomphogyne cissiformis* var. *cissiformis***

锥形果(原变种) zhui xing guo (yuan bian zhong)

Fruit glabrous.

Forests on mountainsides; 2100–2800 m. S and SW Yunnan [Bhutan, India, Nepal].

**1b. *Gomphogyne cissiformis* var. *villosa*** Cogniaux in A. Candolle & C. Candolle, Monogr. Phan. 3: 925. 1881.

毛锥形果 mao zhui xing guo

*Gomphogyne cissiformis* f. *villosa* (Cogniaux) M. Mizushima.

Fruit tomentose.

Forests on mountainsides; ca. 2300 m. S and SW Yunnan (Menghai, Yongde) [NE India (Sikkim), Nepal].

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