

## 5. *CORTUSA* Linnaeus, Sp. Pl. 1: 144. 1753.

假报春属 *jia bao chun shu*

Herbs perennial. Leaves basal, long petiolate, cordate-orbicular, palmately lobed; lobes dentate to incised. Inflorescences scapose, umbellate, with bracts. Flowers 5-merous. Calyx deeply parted; lobes lanceolate, persistent. Corolla tube short; limb funnellform, parted to 1/2 or below. Stamens included, attached at base of corolla; filaments dilated, connate basally into a ring; anthers apiculate. Ovary ovoid. Style filiform, exserted; stigma small, capitate. Capsule ovoid to subcylindric, dehiscing by 5 short valves. Seeds numerous, compressed globose.

About 10 species: from C Europe to N Asia; one species in China.

### 1. *Cortusa matthioli* Linnaeus, Sp. Pl. 1: 144. 1753.

假报春 *jia bao chun*

Herbs 20–25(–40) cm tall. Petiole 2–3 × as long as leaf blade, rust-colored pubescent; leaf blade suborbicular to reniform, 3.5–8 × 4–8(–9) cm, base cordate, 7–11-lobed; lobes irregularly coarse-dentate, abaxially densely pubescent or glabrescent, adaxially sparsely pubescent or glabrescent. Scapes erect, usually ca. 2 × as long as leaf rosette, sparsely pubescent or glabrescent; umbel solitary, 5–8(–10)-flowered; bracts narrowly cuneate, apex incised-dentate. Pedicels unequal. Calyx often tinged with violet, 4.5–5 mm, parted to slightly below middle; lobes lanceolate, apex acute. Corolla purple-violet, funnellform, 0.8–1.2 cm, parted to middle; lobes oblong, apex obtuse. Filaments very short; anthers to 3.5 mm, apex apiculate. Style to 1 cm, exserted. Capsule subcylindric, longer than calyx.  $2n = 24$ .

Forests, streamsides, woodland margins, among shrubs; 1500–3000 m. Gansu, Hebei, Nei Mongol, Shaanxi, Shanxi, Xinjiang [Korea, Russia; Europe].

- 1a. Leaves lobed to 1/4; lobes subobtuse ..... 1a. subsp. *matthioli*
- 1b. Leaves lobed to 1/2–2/3; lobes acute-dentate ..... 1b. subsp. *pekinensis*

#### 1a. *Cortusa matthioli* subsp. *matthioli*

假报春(原亚种) *jia bao chun* (*yuan ya zhong*)

Leaf blade suborbicular, lobed to 1/4; lobes rounded to triangular, apex subobtuse. Fl. May–Jul.

Shaded areas in *Picea* and *Larix* forests; 1500–3000 m. Nei Mongol, Xinjiang [Russia, Europe].

#### 1b. *Cortusa matthioli* subsp. *pekinensis* (V. Richter) Kitagawa, Lin. Fl. Manshur. 351. 1939.

河北假报春 *he bei jia bao chun*

*Cortusa matthioli* Linnaeus f. *pekinensis* V. Richter, Természettud. Fü. 17: 190. 1894; *C. pekinensis* (V. Richter) A. Los.

Leaf blade reniform to suborbicular, lobed 1/2–2/3; lobes usually oblong, margin acutely-dentate.

Streamsides, woodland margins, among shrubs. 1500–3000 m. Gansu, Hebei, Shaanxi, Shanxi [Korea, Russia].

