

Adenophora urceolata (Campanulaceae), a new species from Inner Mongolia, China

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Adenophora urceolata Y.Z. Zhao *sp. nova* (Campanulaceae) is described from Inner Mongolia, China. It appears most closely related to *A. polyantha*, *A. gmelinii* and *A. coronopifolia*. The distinguishing characters are given in a key to the four species.

Key words: *Adenophora*, Campanulaceae, taxonomy

Adenophora urceolata* Y.Z. Zhao *sp. nova (Fig. 1)

A. polyanthae affinis, sed corolla tubuloso-campanulata, discis urceolatis, filamenta subter 2/3 longitudine dilatata.

TYPE: China. Inner Mongolia, Zhelimumeng, Kulungi, mountain slopes, 16.VIII.1984 Wu Jin-San 4 797 (holotype HMC).

Perennial herb. Stem erect, 40–60 cm tall, simple, densely hispidulous. Leaves alternate, lanceolate or oblong-lanceolate, 20–35 × 6–13 mm, irregularly dentate at margins, acute at apex, cuneate at base, hispidulous on both surfaces, sessile. Panicle ramified, branches alternate. Sepals 5, oblong-lanceolate, 3–4 mm long, entire at margins, glabrous. Flowers blue-purple, tube-form campanulate, ca. 18 mm long, ca. 5 mm diam., 5-lobed, outer surface glabrous; stamens 5, ca. 14 mm long, anthers yellow, linear,

ca. 3 mm long; lower part of filament expanded, lanceolate, white-villose at margins; disk urceolate, ca. 2.5 mm long, glabrous, contracted at apex, style subequal to corolla, stigma 3-lobed. Capsule obconic, ca. 4 mm long, ca. 2.5 mm diam., foveolate-fissured at base. Flowers and fruits August.

Adenophora urceolata is known only from the holotype. It can be distinguished from *A. polyantha*, *A. gmelinii* and *A. coronopifolia* as follows:

1. Style as long as or slightly longer than corolla; plant densely hispidulous 2
1. Style slightly shorter than corolla; plant glabrous or slightly hispidulous 3
2. Corolla campanulate; disc tube-form; lower half of filament expanded *A. polyantha* Nakai
2. Corolla tube-form; disc urceolate; lower two thirds of the filament expanded *A. urceolata* Y.Z. Zhao
3. Leaves narrowly linear or linear, margins entire or occasionally somewhat dentate *A. gmelinii* (Spreng.) Fisch.
3. Leaves linear or lanceolate, dentate at margins
..... *A. coronopifolia* Fisch.

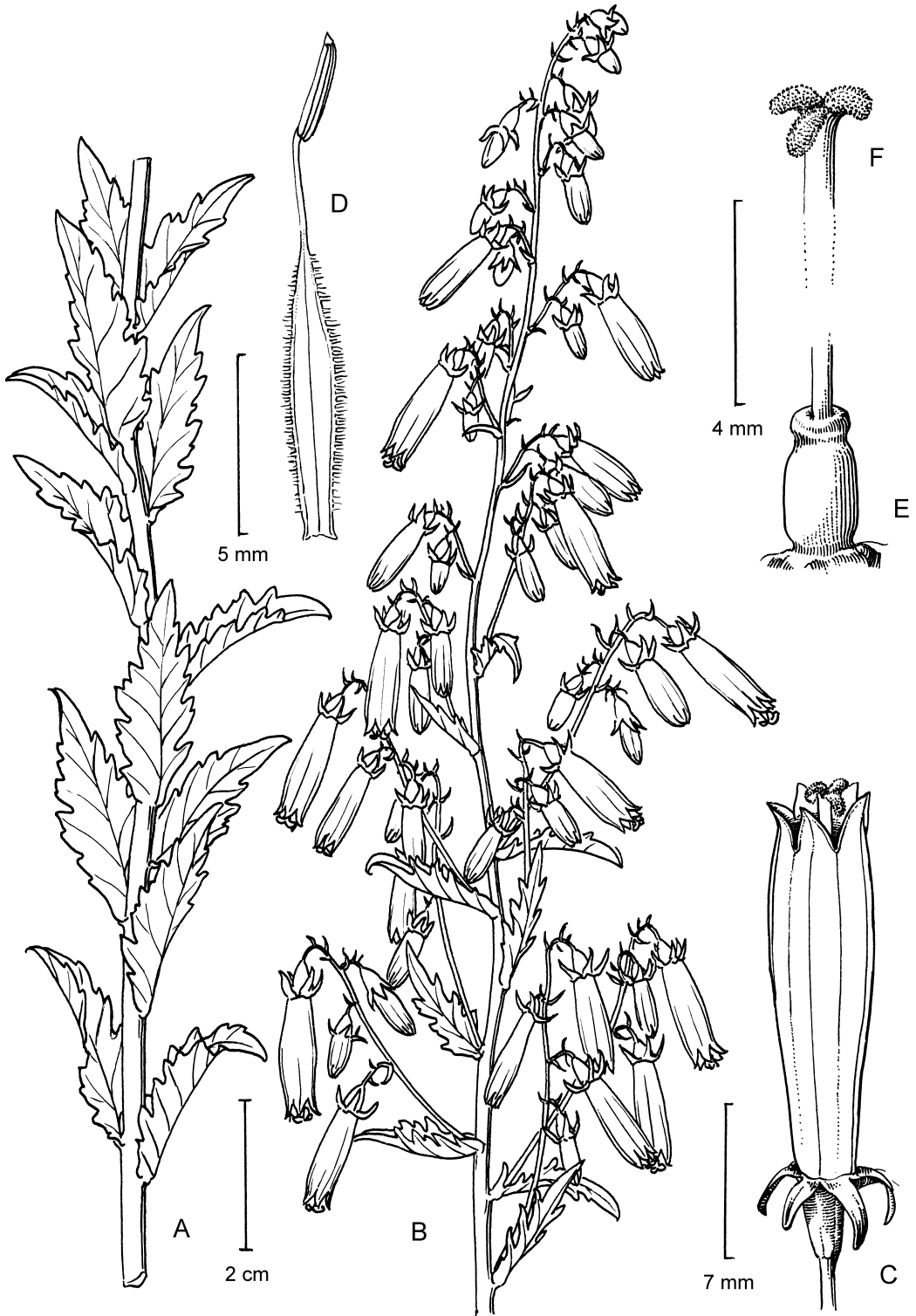


Fig. 1. *Adenophora urceolata* (from the holotype, drawn by Ma Ping). — A: Median part of plant. — B: Panicle. — C: Corolla and calyx. — D: Stamen. — E: Disc. — F: Stigma.