



EJ100199300287

Bot. Bull. Acad. Sin. (1993) 34: 287-288

## The correct name for Taiwanese *Campanula* (Campanulaceae)

Thomas G. Lammers

Department of Botany, Field Museum of Natural History, Chicago,  
Illinois 60605-2496, U. S. A.

(Received October 21, 1992; Accepted March 3, 1993)

**Abstract.** The correct name for the sole species of *Campanula* on Taiwan (previously known as *C. canescens* Wallich ex A. DC., *nom. illeg.*, or *C. benthamii* Wallich ex Kitam.) is *C. dimorphantha* Schweinf. In addition to its range in southern and eastern Asia, this species also occurs disjunctly in the Saharo-Arabian Region of northeastern Africa.

**Key words:** *Campanula dimorphantha* Schweinf.; *Campanula canescens* Wallich ex A. DC.: Flora of Taiwan.

In the *Flora of Taiwan*, Kao and DeVol (1978) used the name *Campanula canescens* Wallich ex A. DC. for the sole species of *Campanula* on the island. In a recent review of the systematics and biogeography of Taiwanese Campanulaceae (Lammers, 1992), it was pointed out that this name was illegitimate, being a later homonym of *C. canescens* (Waldst. & Kit.) Roth (based on *Phyteuma canescens* Waldst. & Kit.), which is a homotypic synonym of *Asyneuma canescens* (Waldst. & Kit.) Griseb & Schenk. Following several other Asian authors, I took up the name *C. benthamii* Wallich ex Kitam. for this species, believing it to be the next available.

However, I overlooked a paper by Thulin (1987), in which it was shown that there are two other names that represent the same taxon and have priority over *Campanula benthamii*. The earlier of the two is *Cephalostigma spathulatum* Thwaites, based upon plants collected in Sri Lanka. However, the epithet *spathulata* is preoccupied in *Campanula* and cannot be taken up. The other name is *Campanula dimorphantha* Schweinf.

Aethiop. 1: 140. 1867. Type: Sudan, Nubia, near Farehk and Suckot, *Ehrenberg s. n.*

*Campanula canescens* Wallich ex A. DC. Monogr. Campan. 292. 1830; *non Campanula canescens* (Waldst. & Kit.) Roth, Enum. Pl. Phaen. Germ. 1: 716. 1827. *Campanula benthamii* Wallich ex Kitam., Fl. Afghan. 377. 1960. *Campanula wallichii* Babu, J. Bombay Nat. Hist. Soc. 65: 808. 1969, *nom. illeg.* Type: Nepaliâ et Hindustaniâ circa Rampore, *Wallich 1289*.

*Cephalostigma spathulatum* Thwaites, Enum. Pl. Zeyl. 5: 422. 1864; *non Campanula spathulata* Sibth. & Smith, Fl. Graec. Prodr. 1: 137. 1806; *nec Campanula spathulata* Waldst. & Kit., Descr. Icon. Pl. Hung. 3: 286. 1809. Type: Ceylon, Oova District, between Boralande and Haputale. *Thwaites 3794*.

The significance of this correction is not only nomenclatural, but also biogeographic. In the recent review of Taiwanese Campanulaceae (Lammers, 1992), *Campanula benthamii* was said to occur from eastern

iofia, and the Sudan (Thulin, 1987). These populations lie primarily within the Saharo-Arabian Region of the Tethyan subkingdom (Holarctic Kingdom), as delimited by Takhtajan (1986). *Campanula dimorphantha* is thus significant as the only Taiwanese representative of the family to extend so far west. This broad distribution is comparable in scope to that of *Lobelia angulata* and *Wahlenbergia marginata*. Like them, *Campanula dimorphantha* occupies rather disturbed habitats, such as river banks and irrigation canals (Thulin, 1987).

#### Literature Cited

- Kao, M.-T. and C. E. DeVol. 1987. Campanulaceae. In H. -L. Li, T. -S. Liu, T. C. Huang, T. Koyama, and C. E. DeVol (eds.), Flora of Taiwan, vol. 4. Epoch Publ. Co., Taipei, pp. 737-764.
- Lammers, T. G. 1992. Systematics and biogeography of the Campanulaceae of Taiwan. In C. -I Peng (ed.), Phytogeography and Botanical Inventory of Taiwan. Institute of Botany, Academia Sinica, Monograph Series 12, pp. 43-61.
- Takhtajan, A. 1986. Floristic Regions of the World. University of California Press, Berkeley.
- Thulin, M. 1987. Notes on *Campanula dimorphantha* (Campanulaceae). Nordic J. Bot. 7: 419-420.

## 台灣產桔梗(桔梗科)之正確學名

Thomas G. Lammers

Department of Botany, Field Museum of Natural History,  
Chicago, Illinois 60605-2496, U. S. A.

台灣產桔梗屬(*Campanula*)植物僅一種，過去被稱為 *C. canescens* Wallich ex A. DC. (不合法名)，或 *C. benthamii* Wallich ex Kitam.；但其正確之學名應為 *C. dimorphantha* Schweinf.。此植物除產亞洲南部及東部外，亦斷續分布於東北非撒哈拉—阿拉伯地區。