

NEW COMBINATION IN *ACONOGONON* (POLYGONACEAE)

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Abstract. A new combination, *Aconogonon cathayanum* is proposed, based on *Polygonum cathayanum* (Polygonaceae).

Keywords: Polygonaceae, *Aconogonon cathayanum*, *Polygonum cathayanum*, Hengduan Shan, China

Species of *Aconogonon* (Meisn.) Rchb. (Polygonaceae) are conspicuous elements of high elevation meadows and stony slopes throughout eastern Asia. During our survey of the plant and fungal diversity of the Hengduan Mountains region, China, we frequently encountered plants of a species of *Aconogonon* that could not be identified with certainty using the works of Steward (1930) and Hong (1992). Using the treatment of *Polygonum* L., in which *Aconogonon* is included, in the Flora of China (Li et al., 2003), we tentatively determined our collections to be *Polygonum cathayanum* A. J. Li. From duplicate specimens sent to him for his opinion, Dr. Li confirmed the identifications.

In recent years, based on diverse and abundant evidence, there has been a tendency to divide *Polygonum* in the broad sense into several, more or less clearly defined genera. We prefer, therefore, to follow the recent treatments of Haraldson (1978), Ronse Decraene and Akeroyd (1988), Hong (1991, 1992), Hinds and Freeman (2005), Yonekura (2006), and Flora of Korea Editorial Committee (2007), in recognizing the genus *Aconogonon*, which requires the following new combination.

Aconogonon cathayanum (A. J. Li) Boufford & H. Sun, *comb. nov.*, based on *Polygonum cathayanum* A. J. Li, Bull. Bot. Res., Harbin 15(4): 417. 1995.

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