



Lectotypification of *Anemoclema glaucifolium* (Ranunculaceae), endemic to southwestern China

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Anemoclema (Franch.) W.T.Wang, a monotypic genus endemic to Hengduan Mountains in southwestern China, only contains *Anemoclema glaucifolium* (Franch.) W.T.Wang. Because *Anemoclema* has specific pinnatisect and penninerved leaves and spinulose pollen grains, Wang (1964) proposed that *Anemone* sect. *Anemoclema* Franch. should be separated from *Anemone* L. as an independent genus. Wang's treatment is also supported by results of karyotype (Zhang & Gong 2002) and molecular phylogeny (Wang *et al.* 2009; Jiang 2010).

Anemoclema glaucifolium was first described as *Anemone glaucifolia* by Franchet (1886). In the protologue, Franchet listed two collections, i.e. *Delavay 136* and *1854*, from “Yun-nan, ad pedes motis Yang-in-chan, prope Lankong, altit. 2200m.” (= Eryuan County in Yunnan Province). After investigations of the two gatherings at the herbarium of Muséum National d'Histoire Naturelle (P), we found that *Delavay 136* has three sheets, i.e., P00155847, P00155848 and P00731520, and *Delavay 1854* only one sheet, i.e., P00155849, which were collected on 1 August 1883 and 15 September 1885, respectively. According to Article 8.1 and 9.9, lectotypification of *Anemoclema glaucifolium* is necessary, because all of them are syntypes in accordance with Article 9.4 (McNeill *et al.* 2006).

Based on examinations of four sheets of two collections, we found that sheets P00155847 and P00155848 of *Delavay 136* had dissected flowers packing on the sheets, while sheet P00731520 of *Delavay 136* and sheet P00155849 of *Delavay 1854* had no such dissections. In particular, the sheet P00155847 had a hand-painted drawing of floral organs on the upper-right (Figure 1), indicating that this sheet may have been fully investigated by Franchet. In addition, Franchet's original information of collection in the protologue was close to that of *Delavay 136*. Therefore, we propose the sheet P00155847 of *Delavay 136* to designate as the lectotype, and the other two sheets of this gathering as isolectotypes.

Lectotypification

Anemoclema glaucifolium (Franch.) W.T.Wang (1964: 106)

Basionym: *Anemone glaucifolia* Franch. (1886: 363).

Lectotype (designated here): CHINA. Yunnan Province: Eryuan County (au pied du Yang-in-chan, près Lan-Kong, environs de Tali), 1 Aug 1883, J.M. *Delavay 136* (lectotype, P00155847, P!; isolectotypes, P00155848 & P00731520, P!); Eryuan County (au pied du Yang-in-chan, près Lan-Kong, au-dessus de Mo-so-yn, environs de Tali), 15 Sept 1885, J.M. *Delavay 1854* (syntype, P00155849, P!).