



## Three new synonyms of *Solenostoma truncatum* (Nees) R.M.Schust. ex Váňa et D.G. Long

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*Solenostoma truncatum* (Nees 1830: 29) R.M. Schust. ex Váňa & D.G.Long (2009: 509) is widely distributed and the commonest *Solenostoma*-species in south-east Asia, reaching from Himalayas, India and Sri Lanka to China, Japan, Micronesia, Samoa, New Guinea and northern Australia (Queensland). The species is very variable: its leaf form varies from subquadrate-rotund, ovate, ovate-ligulate to rarely ligulate, the cell texture is also relatively variable, but the marginal leaf-cells are mostly  $\pm$  equally thickened in 1–2 or more rows, and the cuticle is usually at least minutely verrucose, rarely nearly smooth. Perianth is shortly to longly exerted, fusiform or ovate, perianth mouth is contracted or wide, crenulate, sometimes with ciliate marginal cells. Many synonyms were published for *S. truncatum*.

During our recent study of type specimens of Chinese Jungermanniaceae (s.lat.), we found that three species are synonymous with *Solenostoma truncatum*.

The format of this note follows what is outlined in Söderström *et al.* (2012).

*Solenostoma truncatum* (Nees) R.M.Schust. ex Váňa et D.G.Long, *Nova Hedwigia* 89(3–4): 509. 2009 (Váňa & Long 2009). Basionym: *Jungermannia truncata* Nees, *Enumer. Pl. Crypt. Javae*: 29, 1830 (Nees von Esenbeck 1830). Type:—JAVA, “ad templa mont. Dienz” (holotype STR!, isotype W-Lindenb. Hep. 1830!).

= *Jungermannia lixingjiangii* C.Gao et X.L.Bai., *Philippine Sci.* 38: 128. 2001 (Gao & Bai 2001) *syn. nov.* Type:—CHINA, Yunnan, Jinghong, Leshan, X.-J.Li 2539 (holotype HKAS, isotype IFP!).

= *Jungermannia multicaarpa* C.Gao et J.Sun, *Bull. Bot. Res.* 27(2): 139, 2007 Sun & Duan 2007)  $\equiv$  *Jungermannia polycarpa* C.Gao et X.L.Bai, nom. illeg., *Philippine Sci.* 38: 147. 2001 (Gao & Bai 2001) *syn. nov.* Type:—CHINA, Xizang, Motog Co., alt. 850, on rock, in forest, Y.G.Su 3438 (holotype IFP!, isotype HKAS).

= *Jungermannia zangmuyii* C.Gao et X.L.Bai, *Philippine Sci.* 38: 134. 2001 (Gao & Bai 2001) *syn. nov.* Type:—CHINA: Guizhou, Guiyang, on stone walls, C.Gao & S.Zh.Wang 40193 (holotype IFP!).

For further synonyms, see Amakawa (1972), Váňa (1972, 1974) and Váňa & Inoue (1983).

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### References

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- Gao, C. & Bai, X.L. (2001) A Synoptic Revision of Family Jungermanniaceae (Hepaticae) in China Including Some Taxa Nova. *The Philippine Scientist* 38: 111–170.