



Correspondence

Notes on Early Land Plants Today. 2. Two new combinations in *Solenostoma*

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Bakalin described *Plectocolea flagellata* var. *kurilensis*. *Plectocolea* Mitten (1873) is now generally treated as a synonym of *Solenostoma* Mitten (1865) and the following new combination is necessary.

***Solenostoma flagellatum* (S.Hatt.) Váňa et D.G.Long var. *kurilense* (Bakalin) Váňa, comb. nov.**

Basionym:—*Plectocolea flagellata* var. *kurilensis* Bakalin, *Arctoa* 18: 90 2009 [2010] (Bakalin et al. 2010). Holotype:—RUSSIA, Sakhalin Province, Iturup Island, valley of Khvoynaya River near Gornyy Setl. (44°55'55,6"N 147°34'30,2"E), 64 m alt. 7.VIII.2007. Coll. V.A. Bakalin, K-10-1-07 (VLA).

Váňa (1975) synonymized *Nardia montana* with *Jungermannia watsiana*. Although the epithet *montana* is older, it is not available in *Jungermannia* as *Jungermannia montana* Martius (1817) is blocking. Thus, the next available name, *Jungermannia watsiana*, was used. Váňa et al. (2010) then transferred *Jungermannia watsiana* to *Solenostoma*. However, as the combination *Solenostoma montanum* is available, that name has priority and the following combination is necessary.

***Solenostoma montanum* (Steph.) Váňa, comb. nov.** Basionym:—*Nardia montana* Steph., *Hedwigia* 28: 164, 1889 (Stephani 1889). Type:—AUSTRALIA, Bellenden Ker Range, leg. Karsten. Lectotype (Váňa 1975):—G-14465!. Isolectotypes:—BM, FH, G-14468, MEL-47731, MEL-47732, MEL-47733, MEL-47734, MEL-47735, MEL-47736, NY.

= *Jungermannia watsiana* Steph., *Sp. Hepat. (Stephani)* 6: 96, 1917 (Stephani 1917). *Solenostoma watsianum* (Steph.) R.M.Schust. ex Váňa, Hentschel et Heinrichs, *Cryptog. Bryol.* 31: 138, 2010 (Váňa et al. 2010).

References

- Bakalin, V.A., Cherdantseva, V.Y., Ignatov, M.S., Ignatova, E.A. & Nyushko, T.I. (2010 “2009”) Bryophyte flora of the South Kuril Islands (East Asia). *Arctoa* 18: 69–114.
- Martius, C.F. (1817) *Flora Cryptogamica Erlangensis*. J.L.Schrag: Norinbergae, 512 pp.
- Mitten, W. (1873) *Jungermannia* and *Marchantia*. In: Mitten, W. (Ed), *Flora vitiensis*. Reeve: London, pp. 325–453.
- Mitten, W. (1865) The "Bryologia" of the survey of the 48th parallel of latitude. *Journal of the Linnean Society. Botany* 8: 12–55.
- Stephani, F. (1889) *Hepaticae Australiae* 1. *Hedwigia* 28: 128–135.
- Stephani, F. (1917) *Species Hepaticarum* 6. George & Cie: Genève & Bale, pp. 1–128.
- Váňa, J. (1975) Studien über die *Jungermannioideae* (Hepaticae). 8. *Jungermannia* subg. *Plectocolea* und *Solenostoma* in Australien, Neuseeland und Ozeanien. *Folia Geobotanica et Phytotaxonomica* 10: 277–323.
- Váňa, J., Hentschel, J. & Heinrichs, J. (2010) New combinations in *Jungermanniales*: transfer of 32 taxa to *Solenostoma* Mitt. *Cryptogamie, Bryologie* 31: 135–139.