

**New combinations in the genus *Solenostoma* Mitt. (Gymnomitriaceae s. l., Marchantiophyta)**

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**Abstract.** The circumscription of the genus *Solenostoma* Mitt. with the inclusion of *Plectocolea* (Mitt.) Mitt. resulted in five new combinations proposed here.

**Keywords:** Gymnomitriaceae, hepatics, liverworts, new combinations, *Solenostoma*, *S. bilobum*, *S. hattorianum*, *S. infusum* var. *ovalifolium*, *S. infusum* var. *ovicalyx*, *S. otianum*.

The published work of an annotated list of liverworts and hornworts of Russia, in which we accepted a broad circumscription of the genus *Solenostoma* Mitt. (Potemkin, Sofronova, 2009), persuaded me to publish the following new combinations.

***Solenostoma bilobum*** (S. Hatt. ex Amakawa) Potemkin et Nyushko, comb. nov. ≡ *Plectocolea biloba* S. Hatt. ex Amakawa, 1957, J. Jap. Bot. 32: 216.

***Solenostoma hattorianum*** (Amakawa) Potemkin et Nyushko, comb. nov. ≡ *Plectocolea hattoriana* Amakawa, 1958, J. Jap. Bot. 33: 341.

***Solenostoma infusum* var. *ovalifolium*** (Amakawa) Potemkin et Sofronova, comb. nov. ≡ *Plectocolea infusca* var. *ovalifolia* Amakawa, 1958, J. Jap. Bot. 34: 115.

***Solenostoma infusum* var. *ovicalyx*** (Steph.) Potemkin et Sofronova, comb. nov. ≡ *Solenostoma ovicalyx* Steph., 1917, Spec. Hep. 6: 82.

***Solenostoma otianum*** (S. Hatt.) Potemkin et Nyushko, comb. nov. ≡ *Plectocolea otiana* S. Hatt., 1953, J. Jap. Bot. 28: 183.

**References**

Potemkin A. D., Sofronova E. V. 2009. *Pechenochniki i Antocerotovye Rossii. T. 1* [Liverworts and hornworts of Russia. Vol. 1]. St. Petersburg; Yakutsk: 368 p. (In Russ. and Engl.).

## **Validation of *Barbilophozia hyperborea* (Scapaniaceae s. l., Marchantiophyta)**

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**Abstract.** The combination *Barbilophozia hyperborea* (R. M. Schust.) Potemkin, comb. nov. is validated.

**Keywords:** *Barbilophozia hyperborea*, hepatics, liverworts, new combination, *Scapaniaceae*, validation.

*Barbilophozia hyperborea* (R. M. Schust.) Stotler et Crand. Stotl. was invalidly published with an incorrect citation of its basionym (International Code ..., 2012: Art. 41.8). *Lophozia hyperborea* (R. M. Schust.) R. M. Schust. was cited, rather than the basionym *Lophozia floerkei* var. *hyperborea* R. M. Schust. (Stotler, Crandall-Stotler, 1977: 426.).

***Barbilophozia hyperborea*** (R. M. Schust.) Potemkin, comb. nov.  $\equiv$  *Lophozia floerkei* var. *hyperborea* R. M. Schust., 1959, *Bull. Natl. Mus. Canada* 164: 21.

### **References**

*International Code of Nomenclature for algae, fungi, and plants (Melbourne Code)*. 2012.

Oberreifenberg: <http://www.iapt-taxon.org/nomen/main.php?page=title>

Stotler R., Crandall-Stotler B. 1977. A check-list of the liverworts and hornworts of North America. *Bryologist*. 80(3): 405–428.