

## **NOTES ON EARLY LAND PLANTS TODAY\* 87. VALIDATION OF TWO VARIETIES OF *LEPIDOZIA NOVAE-ZELANDIAE***

***John J. Engel<sup>1</sup>, Matt von Konrat<sup>1</sup>, Anders Hagborg<sup>1</sup>  
& Lars Söderström<sup>2\*</sup>***

<sup>1</sup>Gantz Family Collections Center, The Field Museum, Chicago, IL, USA; <sup>2</sup>Department of Biology, Norwegian University of Science and Technology, Trondheim, Norway;  
\*E-mail: lars@elpt.info

Engel and Schuster (2001) described two new varieties of *Lepidozia novae-zelandiae* Steph., but they unfortunately did not specify a single herbarium where the type was deposited (ICN2018 Art. 40.7). This was also overlooked by Engel and Glenny (2008) who accepted both varieties. Here we formally validate both names with a reference to the original description in addition to specifying a holotype.

We dedicate this note to the eminent bryologist Tamás Pócs on the occasion of his 90<sup>th</sup> birthday.

### **Formal treatment**

***Lepidozia novae-zelandiae* var. *heterostipa* R.M.Schust. ex J.J.Engel, var. nov.** Based on *Lepidozia novae-zelandiae* var. *heterostipa* R.M.Schust., *Fieldiana, Bot. (n.ser.)* 42: 70, 2001 (Engel and Schuster 2001), *nom. inval.* (ICN2018 Art. 40.7; herbarium not specified). Holotype: New Zealand, North Is., Tongariro Natl. Park, Tree Trunk Gorge, along west bank of Tongariro River, 15 Feb. 1995, Schuster 95-772 (F-C0550810F <https://fm-digital-assets.fieldmuseum.org/1939/387/C0550810F.jpg>).

---

\*Notes on Early Land Plants Today is a series of mainly nomenclatural and taxonomic notes published by the ELPT project together with its invited collaborators.



***Lepidozia novae-zelandiae*** var. ***minima*** R.M.Schust. ex J.J.Engel, var. nov. Based on *Lepidozia novae-zelandiae* var. *minima* R.M.Schust., *Fieldiana, Bot. (n.ser.)* 42: 70, 2001 (Engel and Schuster 2001), *nom. inval.* (ICN2018 Art. 40.7; herbarium not specified). **Holotype:** New Zealand, South Is., Fiordland. Falls Creek, Schuster 48802b (F).

Note that this publication also establish the autonym, *Lophozia novae-zelandiae* var. *novaesealandiae*.

## REFERENCES

- ENGEL, J.J. & GLENNY, D.S. (2008). *A flora of the liverworts and hornworts of New Zealand* (Volume 1). St. Louis, Missouri Botanical Garden, 897 pp.
- ENGEL, J.J. & SCHUSTER, R.M. (2001). Austral Hepaticae. 32. A revision of the genus *Lepidozia* (Hepaticae) for New Zealand. *Fieldiana, Botany* (n. ser.) **42**: 1–107.  
<https://doi.org/10.5962/bhl.title.2543>

(submitted: 13.01.2023, accepted: 06.04.2023)