



## Correspondence

### Notes on Early Land Plants Today. 7. Transfer of *Jubulopsis novae-zelandiae* to *Lepidolaena*

MATT VON KONRAT<sup>2</sup>, LARS SÖDERSTRÖM<sup>1</sup> & ANDERS HAGBORG<sup>2</sup>

<sup>1</sup>Department of Biology, Norwegian University of Science and Technology, N-7491 Trondheim, Norway; lars.soderstrom@bio.ntnu.no

<sup>2</sup>Department of Botany, The Field Museum, 1400 South Lake Shore Drive, Chicago, IL 60605–2496, USA; hagborg@pobox.com, mvonkonrat@fieldmuseum.org

*Jubulopsis novae-zelandiae* was described by Hodgson et Arnell (Hodgson 1965) as a *Jubula* Dumortier (1835) species and its position has been questioned. It was transferred to *Neohattoria* Kamimura (1962) already the year after and later placed in the monotypic genus *Jubulopsis* Schuster (1970). He-Nygrén *et al.* (2004, 2006) have shown that it is nested within *Lepidolaena* Dumortier 1835), but the formal transfer has not yet been made.

***Lepidolaena* Dumort.**, *Recueil Observ. Jungerm.*: 13, 1835 (Dumortier 1835). Type:—*Lepidolaena clavigera* (Hook.) Dumort. ex Trevis.

*Jubulopsis* R.M.Schust, *J. Hattori Bot. Lab.* 33: 270, 1970 (Schuster 1970), *syn. nov.* Type:—*Jubulopsis novae-zelandiae* (E.A.Hodgs. et S.W.Arnell) R.M.Schust.

***Lepidolaena novae-zelandiae* (E.A.Hodgs. et S.W.Arnell) von Konrat, L.Söderstr. et A.Hagborg comb. nov.** Basionym:—*Jubula novae-zelandiae* E.A.Hodgs. et S.W.Arnell, *Trans. & Proc. Roy. Soc. New Zealand, Bot.* 3: 90, 1965 (Hodgson 1965). Lectotype (Grolle 1966):—NEW ZEALAND, Stewart Island, summit of Mt Anglem 3,200 ft, on rocks, Coll. W. Martin 1/9/46, 11547 (S-B24768; isolectotype in MPN-39913).

≡ *Neohattoria novae-zelandiae* (E.A.Hodgs. et S.W.Arnell) Grolle, *J. Jap. Bot.* 41: 145, 1966 (Grolle 1966). ≡ *Jubulopsis novae-zelandiae* (E.A.Hodgs. et S.W.Arnell) R.M.Schust., *J. Hattori Bot. Lab.* 33: 271, 1970 (Schuster 1970).

### References

- Dumortier, B.C. (1835) *Recueil d'Observations sur les Jungermanniacées*. I. Révision des genres. Tournay, 27 pp.  
Grolle, R. (1966) Miscellanea Hepaticologica 51–60. *Journal of Japanese Botany [Shokubutsu kenkyu zasshi]* 41: 141–147.  
He-Nygrén, X.-L., Ahonen, I., Juslén, A., Glenny, D. & Piippo, S. (2004) Phylogeny of liverworts - beyond a leaf and a thallus. *Monographs in Systematic Botany from the Missouri Botanical Garden* 98: 88–118.  
He-Nygrén, X.-L., Juslén, A., Ahonen, I., Glenny, D. & Piippo, S. (2006) Illuminating the evolutionary history of liverworts (Marchantiophyta) - towards a natural classification. *Cladistics* 22: 1–31.  
Hodgson, E.A. (1965) New Zealand Hepaticae (Liverworts) - XVI A miscellany of new genera, new species and notes, part I. *Transactions of the Royal Society of New Zealand, Botany* 3: 67–97.  
Kamimura, M. (1962) On the genus *Neohattoria* Kamim. nom. nov. *Journal of Japanese Botany* 37: 218.  
Schuster, R.M. (1970) Studies on Antipodal Hepaticae, III. *Jubulopsis* Schuster, *Neohattoria* Kamimura and *Amphijubula* Schuster. *Journal of the Hattori Botanical Laboratory* 33: 266–304.