

NOTES ON EARLY LAND PLANTS TODAY* 86. *TRICHOCOLEA WATTSIANA*, AN EARLIER NAME FOR *TRICHOCOLEA HATCHERI* AND SOME TECHNICAL LECTOTYPIFICATIONS

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Katagiri (2018) synonymized *Trichocolea minutifolia* and *Trichocolea wattsiana* under the name *Trichocolea hatcheri* E.A.Hodgs. overlooking the fact that *Trichocolea hatcheri* is a younger name. *Trichocolea minutifolia* and *Trichocolea wattsiana* were both published in the same paper (Stephani and Watts 1914) and one of them should have been selected. *Trichocolea wattsiana* has richer type material, so we here select that as the name to be used for this species.

For two of the names Katagiri (2018) cited the type as “holotype” although the describing author did not select a holotype and there exists type material in more than one herbarium. As it is after the 1 January 2001, it is too late for the “holotype” of Katagiri (2018) to be corrected to lectotype (cf. ICN Art. 7.10, Turland *et al.* 2018). Thus, we here correct this and formally designate the same specimens as new lectotypes.

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

*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.



Formal treatment

- Trichocolea wattsiana*** Steph., *J. & Proc. Roy. Soc. New South Wales* 48: 135. 1914 (Stephani and Watts 1914). Original citation: “*Hab.* Australia (Wyong): Watts, 986”. Lectotype (here designated): Australia. New South Wales, Wyong, gully near Kingwell, August 1910, *Watts* 946 (“986” in the protologue), *Stephani herb. no.* 9845 (G00113432 <https://www.ville-ge.ch/musinfo/bd/cjb/chg/adetail.php?id=146033&lang=en>; isolectotype NSW). Note: We interpret “986” in the protologue as an error in print.
- = *Trichocolea elegans* Colenso, *Trans. & Proc. New Zealand Inst.* 20: 251. 1888 (Colenso 1888). *nom. illeg.* (ICN2018 Art. 53.1, *hom. illeg.*, non *Trichocolea elegans* Lehm. ex De Not., *Jungerm. Amer. Pug.*: 226. 1855). Lectotype (Katagiri 2016): New Zealand, North Island, Hawkes Bay County, Glenross, Oct. 1887, *Balfour* 1105 (BM-001226402).
≡ *Trichocolea tomentella* var. *minor* Steph., *J. Linn. Soc., Bot.* 29: 276. 1892 (Stephani 1892).
- = *Trichocolea minutifolia* Steph., *J. & Proc. Roy. Soc. New South Wales* 48: 134. 1914 (Stephani and Watts 1914). Original citation: “*Hab.* Australia (Wyong): Watts legit, 950”. Lectotype (here designated): Australia. New South Wales, Wyong, gully near Kingwell, August 1910, *Watts* 950, *Stephani herb. no.* 9764 (G00120723 <https://www.ville-ge.ch/musinfo/bd/cjb/chg/adetail.php?id=162905&lang=en>; isolectotype in NSW).
- = *Trichocolea hatcheri* E.A.Hodgs., *Trans. Roy. Soc. New Zealand, Bot.* 3: 69. 1965 (Hodgson 1965). Holotype: New Zealand, North Island, Eastern Volcanic Plateau Ecological Region, Kaingaroa Ecological District, Roto-Kui Bush, east of Taupo, 8 December 1934, *Allison* 7558 (holotype MPN-36860).
- = *Trichocolea novaezealandiae* R.M.Schust., *J. Hattori Bot. Lab.* 26: 265. 1963 (Schuster 1963). *nom. inval.* (ICN2018 Art. 39.1, no Latin description)
- = *Trichocolea mollissima* auct. non (Hook.f. & Taylor) Gottsche. *Trans. Roy. Soc. New Zealand* 85: 242. 1958 (Hatcher 1958).
- = *Trichocolea pluma* auct. non (Reinw., Blume & Nees) Mont. *Names and Distribution of Queensland Plants, Algae and Lichens*: 227. 2002 (Bolin and Henderson 2002).

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(submitted: 13.01.2023, accepted: 06.04.2023)