

Studies of New Zealand Hepaticae. 39. *Dinckleria* Trevis. an older name for *Proskauera* Heinrichs and J.J.Engel

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Abstract – *Dinckleria* Trevis. is an older name for *Proskauera* Heinrichs & J.J.Engel. The genus has two species, *D. pleurata* (Hook.f. & Taylor) Trevis. and *D. fruticella* (Hook.f. & Taylor) J.J.Engel & Heinrichs. Both species are based on New Zealand plants.

***Dinckleria* / *Proskauera* / *Plagiochila* / Taxonomy / Nomenclature / New Zealand**

The genus *Proskauera* Heinrichs and J.J.Engel (Heinrichs *et al.*, 2006) was described for two species of *Plagiochila* from New Zealand, *Plagiochila pleurata* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees and *P. fruticella* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees, with *P. pleurata* as the generitype. Heinrichs *et al.* (2006) segregated *Proskauera* from the genus *Plagiochila* on the basis of a molecular phylogenetic study and the presence of a leaf lamina with strongly protruding, spherical papillae that is lacking in other members of Plagiochilaceae. However, the oldest available name for *Proskauera* is *Dinckleria*, a monospecific genus described by Trevisan (1877) for *Jungermannia pleurata*. The epithet *Dinckleria pleurata* (Hook.f. & Taylor) Trevis. was explicitly used by Trevisan (1877).

The name *Dinckleria* appeared in Necker's "Elementa botanica" (Necker, 1790) and this is the publication that Trevisan (1877) cited in the protologue. However, Necker's "Elementa botanica" is cited in the ICBN, Appendix 6 of the Vienna Code (McNeill *et al.*, 2006), under "Opera Utique Oppressa", and, in the introduction to that section, it is stated that "Names appearing in the listed publications in any of the ranks specified in square brackets at the end of each entry are not accepted as validly published under the present Code (Art. 32.9)". The "Opera Oppressa" entry for Necker listed "All issues and editions" for Necker's "Elementa botanica" and also noted "[Genera]" in brackets. Other editions appeared in 1791 and 1808. For details of Necker's "Elementa botanica" see Stafleu and Cowan (1981), who also listed references to background discussions involving the nomenclatural issues (e.g., Proskauer, 1958).

Dinckleria Trevis., therefore, is the correct name.

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Dinckleria Trevis. *Mem. Reale Ist. Lomb. Sci. Let., Sér. 3.*, 4: 421. 1877 *non Dinckleria* Necker, *Elementa botanica* 337. 1790, *nom. inval.* Type species: *Dinckleria pleurata* (Hook.f. & Taylor) Trevis.

Synonym: *Proskauera* Heinrichs & J.J. Engel, *Plant syst. evol.* 258: 235. 2006, *nom. illeg.*

The two species included in the genus are as follows:

1) ***Dinckleria pleurata*** (Hook.f. & Taylor) Trevis. *Mem. Reale Ist. Lomb. Sci. Let., Sér. 3.*, 4: 421. 1877.

Jungermannia pleurata Hook.f. & Taylor, *London J. Bot.* 3: 372. 1844. *Plagiochila pleurata* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees, *Syn. Hep.* 633. 1847. *Proskauera pleurata* (Hook.f. & Taylor) J.J. Engel & Heinrichs, *Plant syst. evol.* 258: 235. 2006. Type: Auckland Is. (*non vidi*).

2) ***Dinckleria fruticella*** (Hook.f. & Taylor) J.J. Engel & Heinrichs, **comb. nov.**

Jungermannia fruticella Hook.f. & Taylor, *London J. Bot.* 3: 565. 1844. *Plagiochila fruticella* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees, *Syn. Hep.* 639. 1847. *Proskauera fruticella* (Hook.f. & Tayl.) Heinrichs & J.J. Engel, *Plant systematics and evolution* 258: 237. 2006. Type: New Zealand (*non vidi*).

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