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Notes on early land plants today. 78. Typification of Marchesinia cruegeriana

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Homalolejeunea cruegeriana Steph. was described based on material from Trinidad (leg. Crüger) and from Petrópolis, Brazil (leg. Rudolph, leg. Ule). The two collections from Petrópolis are present in the Stephani herbarium in Geneva, and also in BM (L. Ellis, pers. comm.), but the material from Trinidad, which was illustrated in the unpublished Icones by Stephani, could not be located and may be considered lost. Since the Rudolph specimen has gynoecia and therefore fits the original descriptions best (the Ule specimen is sterile), it is designated here as the lectotype. The lectotypification was already proposed by the late Patricia Geissler in sched. but was not formally published. The epithet of Marchesinia cruegeriana is frequently spelled ‘cruegeri’ (fide A. Hagborg, e-mail of 27 September 2017), which is based on Stephani’s (1912) erroneous citation of the basionym of the species as ‘Homalolejeunea crügeri’. Probably because of this error, the species has been confused with Lejeunea cruciata Lindemb. and was cited as ‘Marchesinia cruciata’ (Lindemb.) Steph. under Lejeunea cruciata by Gradstein and Buskes (1985) and Gradstein (1994). The latter species is considered a synonym of Dibachyiella parviflora (Nees) X.Q.Shi, R.L.Zhu et Gradst.; =Archilejeunea parviscula (Nees) Steph.

Formal treatment

Archilejeunea juliformis (Nees) Gradst.

=Homalolejeunea cruegeriana Steph., Hedwigia 35: 98. 1896 (Stephani 1896). Type: Brazil, Rio de Janeiro State, Petrópolis, Rudolph s.n. (lectotype, here designated, G-00067078; isolecotype, BM), ibid., Ule s.n. (synotype, G-00067079; isosynotype, BM).

≡Marchesinia cruegeriana (Steph.) Steph., Spec. Hepat. (Stephani) 5: 151. 1912 ‘crügeri’ (Stephani 1912).

≡Archilejeunea fuscescens (Hampe) Fulford, syn. fide Gradstein and Buskes (1985).

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References


Stephani, F. 1912. Species hepaticarum 5. – George & Cie, pp. 1–176.

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