

Notes on Early Land Plants Today*. 82. Frullanoides chinantlana (Gottsche) comb. nov., an older name for Frullanoides tristis (Steph.) van Slageren

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Notes on Early Land Plants Today*. 82. *Frullanoides chinantlana* (Gottsche) comb. nov., an older name for *Frullanoides tristis* (Steph.) van Slageren

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Frullanoides tristis (Steph.) van Slageren is a well-established taxon and the name has been used frequently since the revision of the genus by van Slageren (1985). But there is a nomenclature problem with the name as van Slageren (op. cit.) used *Lejeunea* (subg. *Brachiolejeunea*) *tristis* Steph., *Hedwigia* 29(1): 8, 29(3): 134, 1890, as basionym. However, as Söderström et al. (2015) showed, it is unclear if Stephani (1890a, b) recognized Spruce's subgenera as genera or not at that point and Söderström et al. (2016) proposed to place the publication in the list of suppressed works (ICN2018 Art. 34 and Appendix VI; Turland et al. 2018). It is thus to be regarded as an invalid name. Stephani (1912) used the name *Brachiolejeunea tristis* clearly pointing back on his 1890 treatment, and thus validated the name.

Phragmicoma bicolor γ *chinantlana* was described by Gottsche (1863) and first combined at species level as *Brachiolejeunea chinantlana* (Gottsche) Schiffn. by Schiffner (1894). Thus, it is the oldest name at species level. This taxon was synonymized with *Frullanoides tristis* by van Slageren (1985) which he due to using the old invalid basionym, used as the oldest name and combined it in *Frullanoides*. However, as '*chinantlana*' is an older name and lacking combination in *Frullanoides* a new combination is needed.

Formal treatment

Frullanoides chinantlana (Gottsche) L.Söderstr. et A.Hagborg, comb. nov.

Basionym: *Phragmicoma bicolor* γ *chinantlana* Gottsche, Mexik. Leverm.: 172, 1863 (Gottsche 1863).

Type: 'Varieteten γ fandt Liebmann i Districtet Chinantla i Mai med moden Frugt (Hb. Liebm. n. 456 b)'.

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Lectotype (van Slageren 1985: 110 as 'holotype'): Mexico, Chinantla, V 1841, Liebmann 456b (C), isoelectotypes FH-Schiffner, G20100, S, W-hb. Lindenb. 5957. Material in B destroyed.

= *Frullanoides tristis* (Steph.) van Slageren, Meded. Bot. Mus. Herb. Rijks Univ. Utrecht 544: 110, 1985 (van Slageren 1985), syn. fide van Slageren (1985).

Basionym: *Brachiolejeunea tristis* Steph., Sp. Hepat. (Stephani) 5: 112, 1912 (Stephani 1912), based on *Brachiolejeunea tristis* Steph., Hedwigia 29(1): 8, 1890 (Stephani 1890a).

For other synonyms, see van Slageren 1985.

Data availability statement

There are no additional data for this paper

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