



## Notes on Early Land Plants Today. 17. Transfers of some taxa in Adelanthaceae (Marchantiophyta)

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*Herzogobryum teres* is the largest member of the genus and differs in many respects morphologically from the rest of the genus. It was included in *Herzogobryum* Grolle (1964: 160) by Grolle (1966) because of the dorsally interlocked merophytes, a position accepted by Schuster (1996). This character is not constant and cannot be used for generic separation. Morphologically *Herzogobryum teres* is very similar to *Jamesoniella* (Spruce 1876: 230) Carrington (1881: 25) species. It has also twice been described under that genus. As *Jamesoniella* s.str. is now treated within *Syzygiella* Spruce (1876: 234) we transfer it to the latter genus.

*Jamesoniella* was shown by Feldberg *et al.* (2010a) to be a part of *Syzygiella* and *Cuspidatula* Stephani (1901: 1141) and the species included in the study were transferred by Feldberg *et al.* (2010b). However, the taxa not included in the phylogeny were left orphaned in *Jamesoniella*.

*Jamesoniella* sect. *Robustae* Grolle (1971: 42) used to include four species. One of them, *Jamesoniella kirkii* Stephani (1895: 47) was included in the study and shown to belong to the genus *Cuspidatula*. As the rest of the species assigned to the section are morphologically similar, they are also transferred to *Cuspidatula* here.

### Formal treatment

The format of this note follows what is outlined in Söderström *et al.* (2012).

#### *Syzygiella* (subgen. *Syzygiella*) *teres* (Carrington et Pearson) Váňa, comb. nov.

Basionym:—*Jungermannia teres* Carrington et Pearson 1888, *Pap. & Proc. Roy. Soc. Tasmania* 1887: 9, 1888 (Carrington & Pearson 1888).

Type:—AUSTRALIA. Tasmania: near top of Mt. Wellington, 25 December 1855, Bastow (MANCH, isotype G).

≡ *Jamesoniella teres* (Carrington et Pearson) Steph., *Bull. Herb. Boissier ser. 2, 1: 1037* (*Spec. Hep. [Stephani] 2: 100*), 1901 (Stephani 1901).

≡ *Herzogobryum teres* (Carrington et Pearson) Grolle, *Österr. Bot. Z.* 113: 223, 1966 (Grolle 1966).

= *Jamesoniella inflexo-limbata* Herzog, *Trans. & Proc. Roy. Soc. New Zealand* 68: 41, 1938 (Herzog 1938), syn. in Grolle (1971).

#### *Cuspidatula flexicaulis* (Nees) Váňa et L.Söderstr., comb. nov.

Basionym:—*Jungermannia flexicaulis* Nees, *Limnaea* 6: 604, 1831 (Nees 1831).

Lectotype (Grolle 1971):—INDONESIA. “Java Insula, *Jungermannia squamata*”, Blume (STR, isolectotypes BM, FH).

≡ *Jamesoniella flexicaulis* (Nees) Schiffn., *Consp. Hepat. Arch. Ind.*: 78, 1898 (Schiffner 1898).

### *Cuspidatula orbicularis* (Grolle) Váňa et L.Söderstr., comb. nov.

Basionym:—*Jamesoniella orbicularis* Grolle, *Feddes Repert.* 82, 1971 (Grolle 1971).

Type:—PAPUA NEW GUINEA. Simbu: Mt. Wilhelm, Lake Pinde, 4000–4030 m, subalpine forest, Schuster 67-6761 (holotype F, isotype JE).

### *Cuspidatula robusta* (Austin) Váňa et L.Söderstr., comb. nov.

Basionym:—*Jungermannia robusta* Austin, *Proc. Acad. Nat. Sci. Philadelphia* 21: 201 1869 [1870] (Austin 1870).

Type:—HAWAII. “Sandwich Is., Bolander comm.” (holotype MANCH, herb. Austin, isotypes G, S).

≡ *Jamesoniella robusta* (Austin) Spruce ex Steph., *Bull. Herb. Boissier ser. 2, 1:* 1035 (*Spec. Hepat. [Stephani]* 2: 98), 1901 (Stephani 1901).

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