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Notes on Early Land Plants Today. 6. The correct name for *Cephaloziella divaricata* var. *asperifolia*

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Schuster (1980) recognized *Cephaloziella byssacea* var. *asperifolia* (Taylor 1846) Macvicar (1912) and this variety is often recognized by later authors. However, Grolle (1983) accepted *Cephaloziella divaricata* (Smith & Sowerby 1800) Schiffner (1893) as the correct name for the species without mentioning any variety. Several authors have used the name *Cephaloziella divaricata* var. *asperifolia* (Taylor) Macvicar (from Eggers 1982 onwards), but Macvicar (1912) treats the variety under *Cephaloziella byssacea* (Roth 1800) Warnstorf (1903) and Macvicar (1926) under *Cephaloziella starkei* (Nees 1836) Schiffner (1900).

Schuster (1980) chose the name ‘*asperifolia*’ for the variety as he considered the lectotype of *Cephalozia divaricata* var. *scabra* Howe (1899) to belong to another taxon. However, a lectotype has never been formally selected! Howe (1899) commented that the first two specimens cited by him best fit his description. Of those, one specimen (NY 511356) is annotated by R.M. Schuster as being autoicous and given a herbarium name, possibly intended to be described as a new species. The other specimen (NY 511357) is not annotated by Schuster as belonging to the same autoicous taxon. As Howe regards his *Cephalozia divaricata* to be dioicous, we here select this specimen as lectotype, thus fixing the name to what is commonly used. The varieties *scabra* and *asperifolia* thus become synonyms.

The basionym of ‘*asperifolia*’ (*Jungermannia asperifolia*) is the oldest known name for the variety, but at variety level *Cephalozia divaricata* var. *scabra* is the oldest. The oldest combination of ‘*asperifolia*’ at variety level is *Cephaloziella byssacea* var. *asperifolia*. *Cephaloziella divaricata* var. *scabra* is often cited as M.Howe but Howe (1899) actually placed it under *Cephalozia*. The first treatment of the variety under *Cephaloziella* is, as far as we have been able to find, by Haynes (1909) and we accept that as the valid combination to be used.

***Cephaloziella divaricata* (Sm. & Sowerby) Schiffn. var. *scabra* (M.Howe) Haynes**, *Bryologist* 12: 68, 1909 (Haynes 1909). Basionym:—*Cephalozia divaricata* var. *scabra* M.Howe, *Mem. Torrey Bot Club.* 7: 129, 1898 [1899] (Howe 1899). Lectotype (here designated):—USA, California, Trinity Co., near Hay Fork, 10. Jun. 1896, leg. *M.A.Howe 1110* (NY-511357).

= *Jungermannia asperifolia* Taylor, *London J. Bot.* 5: 277, 1846 (Taylor 1846), **syn. nov.**, ≡ *Cephaloziella byssacea* (Roth) Warnst. var. *asperifolia* (Taylor) Macvicar, *Stud. Handb. Brit. Hep.*: 275, 1912 (Macvicar 1912), ≡ *Cephaloziella starkei* (Nees) Schiffn. var. *asperifolia* (Taylor) Macvicar, *Stud. Handb. Brit. Hep., ed. 2*: 283, 1926 (Macvicar 1926).

= *Cephalozia asperifolia* C.E.O.Jensen, *Meddel. Grønland* 15: 371, 1897 [1898] (Jensen 1898), syn. in Schuster (1980).

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