

Five species excluded from the Icelandic bryophyte flora

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ABSTRACT: The following five species are excluded from the Icelandic bryophyte flora: *Campylium calcareum*, Crundw. & Nyh., *Cynodontium polycarpon* (Hedw.) Schimp., *Jamesoniella autumnalis* (DC.) Steph., *Marsupella revoluta* (Nees) Dum. and *Tortella inclinata* (Hedw.f.) Limpr.

In my list of Icelandic bryophyte species in Acta Naturalia Islandica (JÓHANSSON 1983) several species are listed with a question mark and a reference to a literature record.

Reference is made to HESSELBO (1918) for five of these questionable species. The specimens collected in Iceland by Hesselbo are kept in C and ICEL. Specimens collected by others, but investigated by him, are mostly kept at the same herbaria. If not found there, I suppose they are probably lost.

In the summer of 1984 I looked at several bryophyte specimens from Iceland kept at C. The aim was to decide whether these five species should be maintained on the list of Icelandic bryophytes, or excluded from the Icelandic flora. The result is reported below.

CAMPYLIUM CALCAREUM Crundw. & Nyh.

Listed by HESSELBO (1918 p. 530) as *Hypnum sommerfeltii*. Hesselbo's record is based on specimens collected by Ó. Davíðsson and Harder. Specimens have neither been found at C nor ICEL. At least the specimens collected by Ó. Davíðsson should be either in C or ICEL, but since they are not, they must be considered lost. As no other specimens belonging to this species are known, the species must be excluded from the Icelandic flora.

CYNODONTIUM POLYCARPON (Hedw.) Schimp.

Hesselbo's record (HESSELBO 1918 p. 437) is based on specimens collected by C. Hansen. The specimens are in C, but wrongly named; they do not belong to the genus *Cynodontium*. This species should therefore be excluded from the Icelandic flora.

JAMESONIELLA AUTUMNALIS (DC.) Steph.

Hesselbo's record (HESSELBO 1918 p. 411) is based on specimens collected by J. Steenstrup. The specimens were not found in c, so I suggest the species should be excluded from the Icelandic bryophyte flora.

MARSUPELLA REVOLUTA (Nees) Dum.

Listed by HESSELBO (1918 p. 408) as *Gymnomitrium revolutum*. Hesselbo's record is based on specimens collected by himself. The specimens are in c but I did not find this species in the package. It should therefore be excluded from the Icelandic bryophyte flora.

TORTELLA INCLINATA (Hedw.f.) Limpr.

Hesselbo's record (HESSELBO 1918 p. 452) is based on specimens collected by H. Jónsson. The specimens are in c. They belong clearly to *Tortella* but since short cells are overlying the nerve, the specimens cannot belong to this species. Accordingly the specimens should be excluded from the Icelandic bryophyte flora.

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REFERENCES

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