

Additions and corrections to the moss flora of Iceland

BERGPÓR JÓHANSSON

Náttúrufræðistofnun Íslands, P.O. Box 5320
Reykjavík, Iceland

ABSTRACT: Eight species of mosses are added to the Icelandic flora. One record is corrected and two previously reported species are deleted.

Location numbers preceding the names of localities are square numbers of the grid system used for distribution maps of Icelandic bryophytes (KRISTINSSON & JÓHANSSON 1970). The Natural History Museum number of preserved specimens is given at the end in italics.

SPECIES REPORTED NEW TO ICELAND.

Cirriphyllum crassinervium (Tayl.) Loeske

5463 Kirkjubæjarklaustur, S-Iceland, on wet palagonite rocks by a stream, 1973. ICEL 14908. Leg. B.J.

Dicranum tauricum Sapehin

3142 Vatnsdalur, NW-Iceland, on decaying birch, 1974. ICEL 17654. Leg. B.J.

Encalypta affinis Hedw. f.

5843 Geirastaðir by Mývatn, N.-Iceland, in lava field, 1974. ICEL 12122. Leg. B.J.

Eurhynchium striatum (Hedw.) Schimp.

4967 Hvammsgil in Mýrdalur, S.-Iceland 1975. 4666 Núpakot, S.-Iceland, 1981. Grows on and below wet palagonite rocks. ICEL 13125 and 18451. Leg. B.J.

Fissidens pusillus (Wils.) Milde

Found 1973-1981 in 3960 Hveragerði, 4666 Seljavellir, and 4967 Deildarárgil, S.-Iceland. Grows submerged on stones in warm streams, on palagonite by streams, and on wet sides of palagonite caves. ICEL 10483, 13118 and 18470. Leg. B.J.

Orthotrichum alpestre Hornsch.

5041 Kolbeinsdalur, N.-Iceland, 1973. 5842 Vagnbrekka, N.-Iceland, 1974. Grows on rocks and in lava fields. ICEL 17052 and 17536. Leg. B.J.

Pottia intermedia (Turn.) Fűrnr.

4367 Heimaey, S.-Iceland, 1977. ICEL 14320. Leg. Konráð Þórisson.

Trematodon brevicollis Hornsch.

5445 Möðruvallafjall, N.-Iceland, 700 m, 1963. ICEL 7632. Leg. Helgi Hallgrímsson.

CORRECTION

Plagiomnium medium (Bry. eur.) T.Kop.

P. affine (Funck) T.Kop. was recorded 1974 by the author (JÓHANSSON, 1974). This record was inaccurate. The specimens are synonymous and belong to *P. medium*, which is now generally considered to be a separate species. It seems that *P. affine* as now understood, has not been found in Iceland.

In the Museum of Natural History there are specimens of *P. medium* from the following localities: 2951 Búðir, W.-Iceland, 1973. ICEL 10677. Leg. B.J. 3738 Ingólfsfjörður, NW.-Iceland, 1976. ICEL 15099. Leg. B.J. 3940 Kaldbaksvík, NW.-Iceland, 1976. ICEL 14052. Leg. B.J. 4764 Þórsmörk, S.-Iceland, 1973. ICEL 13124. Leg. B.J. 6060 Skaftafell, S.-Iceland, 1975. ICEL 13690. Leg. B.J.

DELETIONS

Campylopus subulatus Schimp.

Owing to terrible mistakes this species has been wrongly recorded from Iceland (JÓHANSSON 1969). As far as can be seen, only three species of *Campylopus* are known to occur in Iceland: *C. flexuosus* (Hedw.) Brid. (*C. paradoxus* Wils.), *C. pyriformis* (K.F. Schultz) Brid. and *C. schimperii* Milde.

Hygrohypnum molle (Hedw.) Loeske

This species is listed by the author (JÓHANSSON 1968) as found in Iceland. The specimens in ICEL are better referred to *H. duriusculum* (De Not.) Jameson.

REFERENCES

- JÓHANSSON, BERGÞÓR. 1968. Íslensk mosategundaskrá. Flóra 6: 13-18.
 JÓHANSSON, BERGÞÓR. 1969. Athuganir á íslensku mosaflórunni. Náttfr. 39: 49-67.
 JÓHANSSON, BERGÞÓR. 1974. Thirteen moss species recorded new to Iceland. Act. Bot. Isl. 3: 97-99.
 KRISTINSSON, HÖRÐUR & BERGÞÓR JÓHANSSON, 1970. Reitskipting Íslands fyrir rannsóknir á útbreiðslu plantna. Náttfr. 40: 58-65.