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Ulex Nanus, Forster In Caithness

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cularia, having the same dense texture, with stiff hairs in abundance.

Mr. R. Heddle reported *Ceratophyllum* from "Loch of Ayre, Kirbister." But Col. H. H. Johnston has a specimen from Heddle, and it proves to be *Utricularia vulgaris*, Linn., which Miss Boswell reported for Orkney in Watson's Top. Botany, i, p. 319 (1874).

ULEX NANUS, FORSTER IN CAITHNESS.

BY ARTHUR BENNETT, A.L.S.

(Read 8th February 1917.)

Lately (14th October 1916) Mr. G. Lillie of Lybster sent me specimens of *Ulex nanus* from Ben Alisky, a hill in the parish of Halkirk, about 12 miles north of Berriedale. The hill is 1142 feet high, and the *U. nanus* occurred at about 800 feet. The specimens are very dwarf, the young stems very hairy with white shaggy hairs. Beneath the primary spines are here and there unifoliate leaves, exactly the same as I possess in seedlings of *U. europaeus*; these are above the trifoliate leaves (which succeed the cotyledonary ones), and number nine before the spines commence.

There are no roads near this hill; "the nearest house is Dallawillan Lodge, about a mile from it."

Mr. G. Lillie writes that his niece and nephew (Miss A. Lillie and Mr. W. Lillie of Watten Manse) found the plant on an excursion to Morven, and "although the general effect of the hill is rather barren, it had, among other plants, *Vaccinium Vitis-Idaea*, *Arctostaphylos Uva-ursi*, *Listera cordata*, *Lycopodium alpinum*, and *Solidago Virga-aurea*."

This locality is the most northern in Europe, being about 58° 20' N. lat. I know of no station in Europe north of 50° N. lat.

The only Scottish stations I have seen specimens from are Kirkcudbright (Professor Oliver) and Dumfries (Mr. Fingland).