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Professor Dickie

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in Britain answering to his description." In examining Hudson's description as given by Smith, I do not find that it corresponds with *H. collinum*.

Hooker and Arnott in their "British Flora" (p. 209) say, "we omit here *H. dubium*, Huds., not L., as it is quite uncertain what plant was intended; the description given by Woodward, in Withering's 'Botanical Arrangement,' and the figure in English Bot. t. 2332, both of garden specimens, belonging to *H. stoloniferum*, W. and K., while Smith's description in the 'English Flora' is taken from *H. Auricula*, L. We also omit *H. Auricula*, L., said to have been found in Westmoreland, the description and figure, Eng. Bot. t. 2368, given by Smith, being taken from a Swiss specimen of *H. glaciale*, Lach."

EXPLANATION OF PLATE I.; representing *Hieracium collinum*, Fries, from specimens collected on the banks of the Ettrick, Selkirkshire.—Fig. 1. The plant, natural size. 2. A flower. 3. Bifid termination of a style. 4. A hair of the pappus. Figs. 2, 3, and 4 magnified.

II. Notice of *Grimmia contorta* of *Schimper*, a New British Moss. By Professor DICKIE.

This moss was discovered for the first time in Britain by Mr John Sim, Gateside, Strachan, growing in considerable abundance on the exposed south and west sides of the great granite rock of Clochnaben, Kincardineshire, in June 1868.* It is the *Dicranum contortum* of Wahl., and *Grimmia uncinata* of Kaulf., Bryo. Europ., vol. iii. t. 248. The following description of the species is from Schimper's "Synopsis Muscorum Europæorum," p. 209:—

"Cæspitulosæ, cæspituli molles saturate virides inferne nigricantes et eximie discolorës, stupa radiculosa basilari cohærentes. Folia patenti-incurva, sicca crispula, e lanceolato lineali-subulata, apice diaphana vel brevipila, basi carinato-concava margine recurva, dehinc subcomplicato-carinata, sola juniora viridia, cætera nigricantia vel fuscescentia; rete e cellulis formatum majoribus, apice sinuoso-quadratis basi elongatis hexagono-rectangulis diaphanis. Perichæstium 8–9-phyllum, longe productum, folia peri-

* This moss had been previously gathered on the Cheviots in May 1868 by Mr James Hardy.—J. H. B.

chætialia erecta basi longius vaginantia pallidiora. Capsula in pedicello subarcuato cernua siccitate erecta, ovalis, lævis, mollis, lutescens, respectu magnitudinis plantæ parvula. Operculum convexo-conicum, obtusum, basi erosum, aurantio-rubens. Anulus latus, e triplici serie cellularum compositus. Peristomii dentes infra medium usque bifidi et lacunosi, siccitate reflexi, aurantio-rufi."

III. *Extracts from Botanical Correspondence.* By Professor BALFOUR.

1. From Mr R. Shuttleworth, Berne, giving an account of the botany of the Var and of the Alpes Maritimes, and part of Liguria, a Flora of which he is preparing for publication.

2. From Professor Dickie, noticing the naturalisation of *Lupinus perennis* in Deeside. It has been known for many years growing in the woods at Balmoral, doubtless an outcast from the old garden. It has spread downwards along the course of the Dee, and occurs in great abundance on a small island a little west from the bridge at Ballater, and on another about a mile west from the old bridge of Dee at Aberdeen.

3. From Mr Gilbert C. A. Stuart, giving a list of the plants which he had found naturalised on the banks of the Tweed and Gala,—the seeds having been introduced by the wool brought to the Galashiels factories. They included *Herniaria ciliata*, *Illecebrum verticillatum*, *Lythrum hyssopifolium*, *Medicago denticulata*, *M. maculata*, *M. minima*, *Apera Spica-venti*, *Setaria viridis*, &c.

4. Mr Archibald Jerdon, transmitting specimens of *Polycarpon tetraphyllum* and *Medicago denticulata*, which he had collected near Melrose.

5. From Mr J. F. Robinson, giving a list of the Ferns found in the neighbourhood of Frodsham, Cheshire.

6. From Mr P. S. Robertson and Mr Henderson, presenting specimens of Potato tubers exhibiting the second growth where numerous tubers are produced from a parent tuber. The specimens were from the gardens of Mr Mowat, Trinity, and Mr Henderson, Burntisland.

Professor Dickson gave a demonstration on the hard