

MOSS FLORA OF ST. MORITZ.

THE canton of the Grisons is one of the richest districts of the Alps in cryptogamic plants. Some species have not been found elsewhere, and others, supposed to be peculiar to the extreme north, have been discovered in the Upper Engadine.

The names and localities of the rarer species among a collection of mosses which I made last year at St. Moritz and the neighbourhood, may be useful to bryologists.

On my way to the Engadine, in the gorge of Pfäfers, on rocks and trees about half way to the Baths :

<i>Homalia Sendtneriana</i>	<i>Orthotricum pallens</i>
<i>Eurynchium Vaucheri</i>	<i>Anomodon attenuatus</i>
<i>Hypnum incurvatum</i>	<i>Tortula tortuosa</i>

In the wood behind the Curhaus St. Moritz, on rocks and on the ground :

<i>Lescourœa striata</i> (var. <i>insignis</i>)	<i>Cynodontium polycarpon</i>
<i>Pterogonium filiforme</i>	<i>Dicranum Schraderi</i>

Near the torrent to the east of the Curhaus :

<i>Mnium orthorhynchum</i>	<i>Grimmia elatior</i>
<i>Weisia crispula</i>	<i>Blindia acuta</i>
<i>Webera elongata</i>	

In the wood to the west of, and above the Curhaus :

<i>Plagiothecium pulchellum</i>	<i>Brachythecium Starkii</i>
<i>Mnium serratum</i>	<i>Webera cruda</i>

In rocky hollows near the path which leads to Kämpfer :

<i>Plagiothecium latum</i>	<i>Cynodontium gracilescens</i>
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In the marsh at the end of meadows to the west of the Curhaus :

Cinclidium stygium. Also the rare sedge *Carex Buxbaumii*

Above the woods to the west of the Curhaus, following a small stream towards the Surlei Fuorcla :

<i>Hypnum glaciale</i>	<i>Bryum Ludwigii</i>
<i>Hypnum sarmentosum</i>	<i>Bryum Duvalii</i>
<i>Dicranum Starkii</i>	<i>Dissodon Frœhlichianus</i>
<i>Amblyodon dealbatus</i>	<i>Cyrtodon sphlachmoides</i>

On rocks on the hill to the north of the Curhaus on the other side of the Inn :

<i>Webera longicolla</i>	<i>Hypnum fastigiatum</i>
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On rocks above the gorge of the Inn to the east of the village of St. Moritz :

Heterocladium dimorphum.

On the shores of the Stazer See :

<i>Hypnum nitens</i>	<i>Paludella squarrosa</i>
<i>Hypnum scorpioides</i>	<i>Hypnum trifarium</i>
<i>Hypnum Sendtneri</i>	<i>Hypnum stramineum</i>

In the woods south of the Stazer See :

Hypnum pratense
Hypnum plicatum

Dicranella curvata
Timmia austriaca

In the pastures above the Stazer See towards Pontresina :

Bryum bimum
Sphagnum contortum

Grimmia alpestris (on rocks)
Splachnum sphaericum

In the dry bed of the Inn between Samaden and Cellerina :

Bryum imbricatum.

In the first or second pool close to the main road about half a mile beyond Bevers :

Angströmia longipes.

On the other side of the road :

Hypnum giganteum.

On the Piz Languard :

Myurella apiculata (growing among *Bartramia* (Ederi.)

Grimmia mollis
Grimmia Doniana
Grimmia torquata
Desmatodon latifolius

Hypnum xannulatum
Cylindrothecium concinnum
Ulota Hutchinsiae
Meesia alpina

Species whose habitat I cannot recollect, but I should say in the woods to the west of and above the Curhaus :

Eurynchium strigosum
Leskea catenulata
Barbula fragilis
Bryum pallens
Bryum inclinatum

Webera polymorpha
Mnium spinosum *
Leskea atrovirens
Bryum pallescens
Dicranella Schreberi

Trichostomum crispulum.

T. HOWSE, JUN.

ALPINE NOTES.

THE WEISSHORN.—On August 11, J. H. Kitson, with Christian and Ulrich Almer, left a bivouac on a hill called the Kastel, three hours from Randa, at 3 A.M., and passing through the ice-fall of the Bies glacier, and over the rocks to the left of the Bies Joch, crossed the upper glacier basin towards the point marked 4,161 in the Federal map. They then ascended the steep slopes of ice and snow to the glacier on the face of the mountain, and mounted from that to the northern arête, which they followed to the top, where they arrived at noon. They returned to their camp at 4 P.M., and reached Zermatt at 7.40 P.M.

Mr. Marshall Hall, accompanied by Jean Martin as guide, and Joseph Möser as porter, left Zermatt at 3.30 A.M., on August 22, 1871, and, following the usual route of the Trift Joch, breakfasted on the

* By the Fletschbach.