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AND

KEW GARDEN MISCELLANY.

EDITED BY

SIR WILLIAM JACKSON HOOKER, K.H., D.C.L. OXON.,

LL.D., F.R., A., and L.S., Vice-President of the Linnean Society, and

Director of the Royal Botanic Gardens of Kew.

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MISSOURI
BOTANICAL
GARDENS

LONDON:

REEVE AND BENHAM,

HENRIETTA STREET, COVENT GARDEN.

—
1851.

In its mode of growth it corresponds to the first of those above mentioned.

We are to embark to night (Monday), and if we have a continuation of the excellent winds which have blown for some time, we may hope for a speedy passage.

RICHARD SPRUCE.

LICHENES ARCTICI; collected in 1848, by Mr. Seemann of the Expedition of Capt. Kellet, in *H.M.S. Herald*, in search after Sir J. Franklin; by the Rev. CHURCHILL BABINGTON, M.A., *St. John's College, Cambridge*.

From Avatscha Bay. August 1848.

Ramalina farinacea, Ach. A fragment on fir-bark.

Parmelia saxatilis, Ach. (*P. sulcata, Tayl.!*) On fir-bark.

— *olivacea, Ach.* On fir-bark.

— *varia* β *symmicta, Fries.* On fir-bark.

Cladonia digitata β *viridis, Schær.!* (n. 46). On rotten wood; in a bad state.

— *pyxidata?* *Hoffm.* Barren; growing on the ground among *Polytricha*.

From Norton Sound. September 1848.

Evernia divergens, Fries. The specimens agree with examples from Lapland, collected by Wahlenberg.

Cetraria cucullata, Ach.

— *Islandica, Ach.*

Cladonia rangiferina v. sylvatica, Fries (*C. sylvatica, Auct.*)

All the above species grow matted amongst each other, mixed with dead stems of herbaceous plants and with *Vaccinium Vitis-Idæa, L.*

From Kotzebue's Sound.

Evernia divergens, Fries.

— *ochroleuca, Fries* (*Cornic. ochr. Auct.*). This species and *E. divergens* grow together among other lichens and mosses.

Cetraria cucullata, Ach. } Both fertile; mixed together and accompanied
— *Islandica, Ach.* } by other lichens and by grasses.

— *glauca, Ach.*; *substraminea, Bab.*; *thallo substramineo.* Barren;

growing among sticks, grasses, and *Polytricha*. The yellowish colour is probably accidental: the less exposed parts of the thallus incline to glaucous.

Nephroma polaris, *Ach.* Barren; growing among *Hypna* and *Dicranum scoparium*: the leaves of grasses and a *Betula* (*B. nana*?) being intermixed. The thallus agrees with European and North American specimens. I suspect that the Antarctic plant (*Hook. fil.!* *Crypt. Ant.* p. 218) is not the same.

Peltidea apthosa, *Ach.* Fertile, mixed with *Hypna*, *Sphagna*, &c.

— *horizontalis*, *Ach.* Mixed with leaves of *Betula nana*, *Dryas octopetala*, mosses, &c. The apothecia incline to be revolute; but there is little doubt that the plant belongs to this species.

— *canina*, *Ach.* Fertile, among *Hypna*, *Vaccinia*, and grasses.

— *venosa*, *Ach.* On earth, fertile.

Sticta pulmonacea, *Ach.* Barren; among various *Hypna* and the leaves of a tree (a *Salix* apparently). Specimens rather small, neatly crisped, pale ferruginous below.

Parmelia saxatilis, *Ach.*, *Tayl.!* On rocks; barren.

— *parietina*, *Ach.* Particles of this species are scattered over specimens of the preceding.

— *pallescens* v. *Upsaliensis*, *Fries* (*P. Upsaliensis*, *Auct.*). On roots of some coarse grass.

— *tartarea* β *frigida*, *Fries*. Covering the surface of a moss (*Dicranum*), which it has destroyed.

— *oculata*? *Fries*, *E. Bot.* t. 1833. Barren; but agreeing very well with the figure cited; spreading over *Polytricha*, &c.

Cladonia uncialis, *Fries*. Specimens very fine, though barren, four or five inches long, of a yellower colour than is usual in European specimens: they are much perforated above and near the gaping axils. The description of *C. Boryi* var. *lacunosa*, *Tuckerm.* (*Enum. of North. Lich.* p. 54) agrees tolerably well: I should suppose, however, that these specimens belong to *C. uncialis*: they are mixed with *C. rangiferina* and two species of *Betula*.

— *rangiferina*, *Hoffm.*

— *digitata*? *Hoffm.* Barren.

— *deformis*, *Hoffm.* On rotten fir-wood; cups proliferous; apothecia symphy carpous.

— *cornucopioides*, *Fries* (*C. extensa*, *Flörke*). Very fine.

Cladonia gracilis β *hybrida*, *Schær.*! Intermixed with mosses, *Hepaticæ*, and lichens. Specimens of a very strong growth, much curved, fertile.

Stereocaulon tomentosum, *Fries.* Barren, but the specimens apparently belong to this species. Growing loosely among masses of *Jungermannia* and mosses, mixed with leaves of *Vaccinia*, also growing on sandy ground with *Hypna*.

Sphærophoron coralloides? *Pers.* A barren fragment attached to a specimen of *Parmelia saxatilis*. All the European species of this genus are Arctic (Tuckerm. Enum. p. 82): and the present fragment is too minute to determine satisfactorily.

BOTANICAL INFORMATION.

Death of M. REQUIEN.

We regret to find the death of M. Requier, of Avignon, announced in the French papers. He was much beloved, both in his native city, where he had always taken a very active part in the management of benevolent and charitable, as well as scientific, institutions, and by his numerous friends at Montpellier and other towns in the south of France. He had been on a visit to Montpellier early in April, from whence he went to Corsica, where he was carried off by apoplexy on the 30th of May, having lately completed his sixty-third year. His rich collections, chiefly of European plants, shells, and other departments of Natural History, were engaged during his life-time to be transferred on his death to a public institution, we believe in Avignon. He was in every respect a generous botanist; and his liberality in distributing from his vast stores of French plants is known to all botanists who have visited the south of France, and to all who were in any way in correspondence with him.

Death of J. E. BICHENO, Esq.

We have the painful duty to record the recent account of the death of a zealous Fellow of the Linnean Society while resident in his native country and long its Treasurer, J. E. Bicheno, Esq. This took place