ART. II. LICHENES (LICHENS) OF SOUTHAMPTON ISLAND.

By LUCY C. RAUP.

The plant collections made by Dr. George M. Sutton on Southampton Island during 1929 and 1930 included 115 packets of lichens. This material was determined by the writer and the following list results from that study.

The majority of the specimens are in good condition and, as a rule, good fruit is present where it is necessary for the determinations. However, there are six or seven species represented either by primary thalli only or by thalli and fruit from which it is impossible to obtain spores. This material remains undetermined. All of the lichens were collected between the first and thirtieth of July, 1930.

The list contains twenty-two species. Zahlbruckner's *Catalogus Lichenum Universalis* has been used as the authority for nomenclature and sequence. All of the material has been identified at the Farlow Herbarium, Harvard University, and consequently has been compared with the available authentic material to be found there.

LIST OF SPECIES.

Family SPHÆROPHORACEÆ.

1. *Sphærophorus fragilis* Persoon.

Family CLADONIACEÆ.

2. *Cladonia deformis* Hoffmann.
3. *Cladonia gracilis* (Linnæus) Willdenow.
4. *Cladonia pyxidata* (Linnæus) Fries.
5. *Cladonia* sp.
6. *Stereocaulon paschale* Hoffmann.

Family GYROPHORACEÆ.

7. *Gyrophora proboscidea* Acharius.

Family PERTUSARIACEÆ.

8. *Pertusaria* sp.

Family LECANORACEÆ.

9. *Hæmotomma ventosum* Massalongo.

Family PARMELIACEÆ.

10. *Parmelia saxatilis* Acharius.
11. *Cetraria fahlunensis* Schaerer.
12. *Cetraria juniperina* Acharius.
13. *Cetraria cucullata* Acharius.
14. *Cetraria hiascens* Th. Fries.
15. *Cetraria islandica* Acharius.
16. *Cetraria nivalis* Acharius.

Family USNEACEÆ.

17. *Dactylina arctica* Nylander.
18. *Alectoria chalybeiformis* Röhling.
19. *Alectoria ochroleuca* Massalongo.
20. *Usnea hirta* Wiggers.
21. *Usnea trichodea* Acharius.
22. *Thamnolia vermicularis* (Swartz) Schaerer, var. *taurica* Schaerer.

Family CALOPLACACEÆ.

23. *Caloplaca elegans* Th. Fries.

Family PHYSCIACEÆ.

24. *Physcia cæsia* Hampe apud Fuernrohr.

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