EXPLANATION OF PLATES.

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Fig. 1. *Rafinesquina clara* n. sp. x 1-1/3.

Fig. 2. *Rafinesquina grandis* n. sp. x 2/3.

Fig. 3. *Rafinesquina transitiona'is* n. sp. natural size, pedicle valve of an adult individual.

Fig. 4. *Rafinesquina transitionalis* n. sp. x 1-1/3, pedicle valve of a young individual showing the geniculation to be considerably closer to the anterior margin than in an adult.

Fig. 5. *Rafinesquina wagneri* n. sp. x 1-1/3.

Fig. 6. *Rafinesquina williamsi* n. sp. natural size.
a) pedicle valve.
b) pedicle valve showing muscle scars.

Fig. 7. *Strophomena corrugata* n. sp. natural size, showing prominent wrinkles on the pedicle valve.

Fig. 8. *Pionodema sinuata* n. sp. x 1-1/3.

Fig. 9. *Leptæna radialis* n. sp. x 1-2/3.

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Figs. 1a, 1b, 1c *Tetradium clarki* n. sp.
1a. appearance of a corallum with a polished longitudinal section. x 1/3.
1b. transverse section showing "laminæ" and corallites. x 1/3.
1c. showing portion of laminæ; some corallites show double wall. x 8.

Fig. 2. *Trochonemella montrealensis* sp. et gen. nov., side view shows the coarsely marked slit-band. x 1-1/3.

Fig. 3. *Liospira peneplana* n. sp. x 1-1/3.

Fig. 4. *Hormotoma wilsoni* n. sp. x 1-1/3.

Fig. 5. *Illænus martineauensis* n. sp. x 2.

Fig. 6. *Pterygometopus harrisi* n. sp. x 2.

*SOME FUNGI FROM ANTICOSTI ISLAND AND GASPE PENINSULA**

By J. ADAMS

THE FUNGI mentioned below were collected during a short visit to Anticosti in August, 1933, and to Anticosti and Gaspé Peninsula during the latter part of August and the beginning of September, 1934. No particular attention was given to the study of this group of plants as I was interested mainly in the ferns and seed-plants.

In Schmitt's *Monographie de l'Ile d'Anticosti*, 1904, only eleven species of fungi and several genera incompletely named are mentioned. The names given below are all additions to the flora of the island. Numerous saprophytic forms were seen in the woods but as these are difficult to preserve they can be identified satisfactorily only by a specialist on the spot.

My thanks are due to Mr. I. L. Conners who named most of the parasitic species, and to Miss I. Mounce who undertook the identification of the saprophytes.

MYXOMYCETES

Lycogala sp. On dead wood. Ellis Bay, Anticosti.

PHYCOMYCETES

Cystopus candidus Lév. On *Capsella Bursa-pastoris*. Port Menier, Anticosti; Cap des Rosiers, Gaspé Peninsula.

Cystopus cubicus Lév. On *Senecio aureus*. In wood along logging railway, Anticosti.

Peronospora parasitica (Pers.) de Bary. On *Capsella Bursa-pastoris*. Port Menier, Anticosti.

ASCOMYCETES

Claviceps purpurea (Fr.) Tul. On *Poa eminens* and *Secale cereale*. Port Menier, Anticosti.

Helvella sp. On cleared ground along the logging railway. Anticosti.

Mycosphærella Cerastii (Pers.) Schroet. On *Stellaria borealis*. Ellis Bay, Anticosti.

Plowrightia morbosa (Schw.) Sacc. On *Prunus* sp. Gaspé.

Rhytisma Andromedæ (Pers.) Fr. On *Andromeda Polifolia*. In swamp along the logging railway. Anticosti.

R. salicinum (Pers.) Fr. On *Salix candida* Port Menier. Anticosti.

Sphærotheca Humuli (DC) Bur. var. *fuliginea* (Schl.) Salmon. On *Prenanthes altissima*. Ellis Bay, Anticosti.

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