# FURTHER ADDITIONS TO THE VASCULAR PLANTS OF ANTICOSTI ISLAND

By J. ADAMS



N A PREVIOUS list of species not recorded hitherto as occurring in Anticosti Island and published in *The Cana ian Field-Naturalist* for April, 1934,

one species, namely Ammophila arenaria Link, was mentioned in error. This should have been Elymus mollis Trin. already known from Schmitt's Monographie as being present on the island. While the American variety breviligulata Fernald of Ammophila arenaria has been found in several localities on the north shore, such as Mingan and Natashkwan, there is no authentic record so far of its occurrence on Anticosti Island.

My visit during 1934 extended from 25th August to 7th September. All the plants mentioned in the present list—36 in number—were found in the west end of the island between Baie Ste. Claire and Lake Simonne. The sequence of families follows that in Schmitt's Monographie, the introduced species having an asterisk prefixed.

#### LYCOPODIACEAE

Lycopodium obscurum L. Along logging railway.

#### NAIADACEAE

Naïas flexilis Rost. et Schmidt. Lake Simonne.

#### POTAMOGETONACEAE

Potamogeton interior Rydb. Vicinity of Ellis Bay.

P. lucens L. Lake Simonne.

#### GRAMINEAE

\*Poa compressa L. Vicinity of Ellis Bay.

#### CYPERACEAE

Carex arctata Boott.

- C. Crawfordii Fernald.
- C. exilis Dewey.
- C. paupercula Michx.
- C. rhomalea Mackenzie
- C. tribuloides Wahl.
- C. trisperma Dewey
- C. vulpinoidea Michx.

The above species of *Carex* were obtained in the neighbourhood of Ellis Bay.

Scirpus paludosus A. Nelson. On salt marsh, Ellis Bay.

#### JUNCACEAE

Juncus filiformis L. Vicinity of Ellis Bay. Luzula campestris DC. Vicinity of Ellis Bay.

#### ORCHIDACEAE

Corallorhisa trifida Chatelam. Vicinity of Ellis Bay.

### POLYGONACEAE

\*Rumex Patientia L. Ellis Bay.

#### CARYOPHYLLACEAE

\*Silene noctiflora L. Ellis Bay. Only one specimen seen.

#### RANUNCULACEAE

Ranunculus Purshii Richards. Near Ellis Bay.

Thalictrum polygamum Muhl. Ellis Bay.

#### CRUCIFERAE

\*Neslia paniculata Desv. Ellis Bay. Only one specimen seen.

Sisymbrium Hartwegianum Fourn. Garden at Port Menier. Only one specimen seen.

#### BALSAMINACEAE

Impatiens biflora Walt. Vicinity of Ellis Bay.

#### LYTHRACEAE

\*Lythrum Salicaria L. Edge of Lake St. George.

#### LEGUMINOSAE

\*Vicia hirsu:a Koch. On wharf, Port Menier.

#### I,ENTIBULARIACEAE

Utricularia minor L. Vicinity of Ellis Bay.

#### RUBIACEAE

Galium palustre L. Ellis Bay.

\*G. verum I.. In field near Chateau Menier.

#### COMPOSITAE

\*Centaurea nigra L. In field near Chateau Menier.

\*Cirsium lanceolatum Hill. Ellis Bay vic-

Gnaphalium silvaticum L. Along logging railway.

Hieracium canadense Michx. Ellis Bay.

\*H. pratense Tausch. Along logging railway. Senecio pauperculus Michx. Marsh near Chateau Menier

In addition to the above a species of grass was collected a little above high water mark at Ellis Bay close to the Chateau Menier. In

<sup>1</sup> Contribution No. 431 from the Division of Botany, Experimental Farms Branch, Department of Agriculture, Ottawa.

appearance it resembled *Elymus mollis* Trin. being about 3 feet high, robust, and glaucous. But the spikelets all occurred singly, in this respect resembling the condition found in *Agro-pyrum*. A specimen was submitted to Dr. A. S. Hitchcock, the eminent Agrostologist of the Bureau of Plant Industry at Washington, D.C.,

who reported concerning it: "This specimen is different from anything that I have seen. I am unable to place it with any species known." The presumption at present is that it is a hybrid between *Elymus* and *Agropyrum* but further investigation will be necessary to determine its exact status.

# JOHN TOWNSON

May 13, 1856 — October 9, 1934

On October 9, 1934, John Townson, a well-known naturalist-sportsman of To onto, died suddenly while proceeding to his shooting blind at Weller's Bay, Prince Edward County, Ontario. Mr. Townson was born at Carlisle, England, on May 13, 1856. At the age of three he came to Canada with his parents who established residence in Toronto.

John Townson represented that admirable group of sportsmen who are primarily naturalists and secondarily marksmen. His bag was frequently divided between scientific collections and the tables of his many friends. He was familiar with such shooting stations as Long Point (Norfolk County), Weller's Bay, St. Clair Flats, and Conroy's Marsh (Halton County), in Ontario. His proficiency in identifying waterfowl and shorebirds was widely recognized and his interesting accounts of the ways of birds in general

appeared regularly for upwards of fifteen vears in the Toronto Globe. He also contributed articles to Rod and Gun which are dependable records of observations. His only contribution to The Canadian Field-Naturalist concerned the nesting of the Lesser Scaup Duck at Toronto, (Vol. 44: 167, 1930).

Mr. Townson's memory for incidents and information concerning the Toronto region, covering a period of more than three score years, was most remarkable. As a member of the Brodie Club he formed a valuable link between the past and present in our rapidly changing environment. His passing, at the age of seventy-eight, takes from Toronto natural history circles a most useful life and an admirable individual who enjoyed the wide range of human activities from the sportive to the serious.—L.L.S.

#### NOTES AND OBSERVATIONS

White Tips of Napaeozapus Tails.—That the amount of white tip on the tail of Napaeozapus was far from constant was apparent to me from my first acquaintance with this species. Recently, while showing my collection to some friends, I laid a series of nine Napaeozapus on the table, arranged in order of the amount of white on the tips of their tails. Two distinct groups were apparent, one with only a small amount of white, the other with a considerably larger amount. The former group consisted entirely of females, the latter of males. When specimens from other collections were compared with mine, this grouping was broken up, but the data still show a slight sex differ-

entiation with respect to the extent of the white tip. Since the tip of the tail is so often torn in wiring, it is suggested that an additional measurement "White Tip of Tail" should be taken before skinning specimens of Napaeoza-pus.—C.H.D. CLARKE, University of Toronto.

Unusual Nesting of Eastern Redwing (Agelaius phoeniceus phoeniceus) at Toronto.— Two unusually situated nests of the Eastern Redwing were found by the writer in the Humber marshes at Toronto on June 25, 1934. Both were in willows bordering the marsh, one eight feet up, the other eleven feet and they contained



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