

*Aphalara calthæ* Linn. May 10th.

*Aphalara marginata* Harris. June 7th.

*Psylla carpina* Fitch. On ironwood, August 25th.

The Leaders of the Entomological Branch would gladly welcome to the meetings of the Branch any of the members of the Club who are interested in any way in insect life. The subject is extremely fascinating and anyone who cares to take up the study of insects will find a very wide field for investigation. As there is so much yet to be learned about almost every kind of insect, any careful observation on the habits of these creatures is of value.

W. H. HARRINGTON,	} Leaders.
ARTHUR GIBSON,	
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#### NOTES ON THE FLORA OF THE NEREPIB MARSH, NEW BRUNSWICK.

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At Westfield, New Brunswick, where the Nerepis River empties into the St. John River, there is an extensive marsh the flora of which is rich enough to be worth recording.

On August 12th, 13th, 14th and 15th, 1910, I explored this marsh in a canoe, and found that most of the upstanding vegetation in the centre consisted of *Scirpus fluviatilis*, *Scirpus validus*, and *Zizania palustris*. I finally selected a portion of the west shore as a favourable place to make an ecological survey.

There is not a sufficient depth of water, except in the narrow channel, to preclude the development of Helophytes (marsh-plants) and consequently the Hydrophytes (aquatics) are found between and among the Helophytes, and no clear line of demarcation exists between these two ecological groups. But a zoned distribution is observable depending upon the depth of the water, and it will be noticed that the outer zone, where the water is from 8 inches to 3 feet in depth, is composed mostly of the *Limnæa* formation of Hydrophytes. The following plants occur in this zone:—

- Potamogeton heterophyllus*. Abundant.
- Potamogeton perfoliatus*. Common.
- Potamogeton pectinatus*. Common.
- Myriophyllum alterniflorum*. Common.
- Vallisneria spiralis*. Common.
- Nymphaea advena*. Abundant.
- Castalia odorata*. Frequent.