At 5 o'clock the President, Mr. W. T. Macoun, called the meeting to order and the usual addresses were given. Mr. Macoun spoke shortly of the objects of the club and urged the claims of the club for more general support by all interested in Natural History and Nature Study. He spoke also of some of the trees growing in the locality. Dr. Fletcher spoke of some of the plants collected and gave information about specimens handed in.

Mr. D. A. Campbell spoke of and exhibited some of the insects collected during the afternoon and dealt with the habits of tiger beetles, dragon flies and other insects, also with the methods

of collecting, killing and preserving insects.

Dr. S. B. Sinclair spoke of the pleasures to be gained from such meetings as the club gave opportunities for, and at his request the party had the pleasure of hearing the ladies and gentlemen of the Normal School present sing "Sweet and Low," which was done with great taste and was much enjoyed by all.

Mr. Congdon, of Malone, N.Y., on invitation of the President, expressed his pleasure at being a participant in the excursion and of the value of Nature Study to which he had given some attention

in his professional work as a teacher. T. E. C.

CONCHOLOGICAL NOTES.

MARGARITANA DELTOIDEA.

Some years ago, while looking over a box of "dead" shells collected in the Rideau Canal above Hartwell's Locks, I was surprised to find among them a single specimen of Margaritana deltoidea. Although the species might from its known range be expected to be found in the vicinity of Ottawa, I concluded, as I had not observed it previously, that the specimen must have been placed with the canal shells by the busy but unscientific little hands that occasionally find occupation in my cabinets. I was confirmed in this conclusion by the fact that a search, made under favorable conditions in the locality in which the box was collected, was fruitless so far as this particular species was concerned.

Last summer, however, while trout fishing on the South Branch of the Quyon River, near Thorne Centre in the county of Pontiac, I found a living example—and but one—of this interesting little pearl bearer. It may occur in other places near Ottawa, and is, I am now inclined to think, to be found in the Rideau Canal.

In any case it should be added to our list as occurring in the Quyon. In outward appearance it resembles a small specimen of the common brown clam, *Unio complanatus*.—F. R. L.

INTRODUCED MOLLUSCA.

It is well known that the eggs of many species of mollusks, as well as the mollusks themselves, are highly resistant to heat and cold, and that some endure desiccation extending over long periods of time. The eggs are frequently deposited among the roots and stems of grasses and plants. Several species have been widely distributed in the straw used for packing articles shipped from Europe to this country. I have no doubt that Helix cantiana, which abounds at Quebec in restricted localities near the Citadel and the Observatory, originated in the packing material thrown over the walls of the fortress and on the declivity above the Cove Fields. Two notable importations were brought to my notice some time ago. One was the large European slug, Limax maximus, L., which was found by Mr. Scrim in one of his conservatories at Ottawa. The animal had an extent of over four inches, and would in large numbers be very destructive. Fortunately it occurs but rarely and is easily seen. But the other, Zonites alliarius, is a much more serious pest. It is minute in size and occurs in considerable numbers. Mr. Scrim finds it chiefly in the greenhouse devoted to the cultivation of palms, ferns and selaginellas. The lace-like traceries wrought on the under surface of a leaf betray the presence of the tiny operator and result in his destruction. When crushed by the horny-handed toilers in the greenhouse, the animal gives forth with its dying breath a strong and surprisingly permanent odur of garlic. Hence the specific name-alliarius, L.-F. R. L.

I have received from Mr. G. A. Knight, of Mount Tolmie Nurseries, Victoria, B.C., specimens of this European Mollusk which he has found in some numbers in his greenhouses.—J. F.



Fletcher, James. 1904. "Conchological Notes." *The Ottawa naturalist* 18(4), 91–92.

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