

or mantle which hides or obscures the real form and character of the living animals." The specimen of *Helix* is in many ways even more remarkable if the covering of its shell be really an overgrowth of the outer bark of the tree upon which it was found resting—the tree being one on the banks of the Gatineau near Wakefield.

Mr. Andrew Halkett spent the Summer collecting and observing in the two new provinces of Saskatchewan and Alberta, and devoted his attention especially to the fishes, numerous specimens of which were collected, and the following list of determined species from the chain of lakes in the Qu'Appelle Valley, Saskatchewan, and from Beaver, Hastings, and Cooking lakes, Alberta, are here given as follows:—

- Buffalo-fish (*Ictiobus bubalus*).
- White Sucker (*Catostomus commersonii*).
- Red Horse (*Moxostoma aureolum*).
- Spawn-eater (*Notropis hudsonius*).
- White-fish (*Coregonus clupeiformis*).
- Tullibee (*Argyrosomus tullibee*).
- Common Pike (*Lucius lucius*).
- Brook Stickleback (*Eucalia inconstans*).
- Nine-spined Stickleback (*Pygosteus pungitius*).
- Sand Roller (*Percopsis guttatus*).
- Pike-Perch, or Doré (*Stizostedion vitreum*).
- Yellow Perch (*Perca flavescens*).
- Johnny Darter (*Boleosoma nigrum*).
- Burbot, or Ling (*Lota maculosa*).

Besides these certain small cyprinoids and percoids, and one or two larger fishes await determination.

Besides fishes, numerous specimens belonging to other classes of the animal kingdom were collected or observed. Some batrachians are plentiful in the two provinces, and specimens of frogs (*Rana*), toads (*Bufo*) and salamanders were collected. Both provinces appear to be poor in reptiles; no turtles were seen, but rattle-snakes (*Crotalis*) are known to inhabit certain localities in Alberta. A few specimens of a garter-snake (*Eutainia*), with a bright orange dorsal band were obtained in the Qu'Appelle Valley.

The valley of the Qu'Appelle is a regular paradise of birds, and so is Beaver Lake in Alberta, but as birds are the theme of the ornithological branch, they are not referred to further here; and in the same way, it may be said, that some insects are being submitted to Dr. Fletcher, and no doubt the entomological branch will bring to light anything about them which may happen to be worthy of mention.