

PRELIMINARY LIST OF OTTAWA SPHÆRIIDÆ.

In the NATURALIST for March, 1890, the late Revd. Geo. W. Taylor and the writer published a catalogue of the recent Mollusca of Ottawa, as recorded in the publications of the Club up to that time. The list included five *Sphæria*—*sulcatum*, *striatinum*, *stamineum*, *rhomboideum* and *occidentale*; four *Musculia*—*partumeium*, *securis*, *rosaceum* and *truncatum*; and five *Pisidia*—*virginicum* (as *adamsi*), *compressum*, *abditum*, *ventricosum*, and *rotundatum*. Three of the *Pisidia* are listed with a (?), indicating doubtful identification.

In many of the years that have since elapsed, but little work was done. Not much leisure until recently fell to the lot of any of the remaining few who were disposed to interest themselves in things so uncommercial as our inland shells. During the past three summers, however, opportunities afforded for the first time were taken advantage of. The hunting grounds of other days and manners were revisited, and new ones sought farther afield. A very large quantity of material was collected—some species in thousands—and submitted to Dr. V. Sterki of the Carnegie Museum, who is recognized the world over as the supreme authority in the *Sphæriidæ*. The list which follows has in every case the sanction of his identification. I am under the deepest obligation to him. I also desire to acknowledge my indebtedness to Mr. C. W. Johnson, of the Boston Museum of Natural History, for his kindness in comparing specimens from Ottawa with Prime's types, or with shells bearing Prime's labels. Dr. Sterki has in addition generously presented me with co-types of many of the species which he has described.

While the list which follows is intended to be merely preliminary, it is believed to be correct as far as it goes. No species has been included from localities not in the Ottawa Valley, and with few exceptions the shells have been found within or near the limits of the Capital City.

SPHÆRIUM.

1. *S. sulcatum*, Lamck.
2. *S. striatinum*, Lamck.
3. *S. stamineum*, Con.
4. *S. rhomboideum*, Say.
5. *S. occidentale*, Prime.
6. *S. aureum*, Prime.
7. *S. crassum*, Sterki.
8. *S. emarginatum*, Prime.
9. *S. flavum*, Prime.
10. *S. torsum*, Sterki.