

9. *Salvelinus fontinalis* Mitchill. *Brook trout*.

Everywhere. Specimens taken in Lake Superior are larger than brook examples, often reaching a weight of four or five pounds. The specimens found in the lake are paler, duller, and more silvery in color than those taken in the streams.

10. *Esox lucius* L. *Pike*.

Common.

11. *Perca lutea* Rafinesque. *Yellow perch*.

Seen only at the Sault Sainte Marie.

12. *Stizostedion vitreum* Mitchill. *Wall-eyed pike*.

Seen only at the Sault.

13. *Uranidea richardsoni* Agassiz. *Doofish*.

Said to be common in the lake. One specimen secured. This is evidently specifically identical with specimens from Southern Missouri and the Ohio Valley. Compared with specimens from Southern Missouri the example from Marquette is a little more slender, the coloration a little less definite, being a little darker, with fainter cross-bars, and more conspicuous dark punctulations. The vent is similar in position in all, contrary to the statements of Girard, who finds the vent further back in examples from Lake Superior (Original types of *Cottus richardsoni*). D. VIII—18, A. 12.

14. *Lota lota* L. *Lawyer; Loche*.

Common.

INDIANA UNIVERSITY, BLOOMINGTON, IND., July 11, 1885.

46.—REPORT UPON THE SHAD AND HERRING FISHERIES OF THE POTOMAC RIVER FOR 1885.

By GWYNN HARRIS.

Number of shad landed at Washington	125,408
Number of shad landed at Alexandria	19,189
Number of shad shipped to Baltimore per steamer.....	8,800
Number of shad sold on the shores and from trap-nets	4,300
Total	<u>157,697</u>
Number of herring landed at Washington.....	9,814,033
Number of herring landed at Alexandria.....	3,911,186
Number of herring sold on the river shores and from trap-nets	1,700,000
Number of herring shipped to Baltimore by vessels.....	71,800
Total	<u>15,497,019</u>