

record of its occurrence in Muskoka, but it is probably erroneous. In the immediate vicinity *H. dentifera* has never been found. In the Province of Quebec, it has an extensive range from Montreal as far east at least as the Island of Orleans and southward to Knowlton, in the Eastern Townships, whence it extends into New Hampshire, Vermont and New York. Near the brow of the shaly cliffs of the Island of Orleans, opposite Montmorency Falls, seven fine specimens were taken in an hour in August, 1891. They do not differ from the Casselman shells except in being thinner. The occurrence of *H. dentifera* at places so near to each other as Casselman and Montreal, indicates that the shell may be found at intervening points. If the Club would run an excursion to Alexandria next summer, the conchological branch would probably attend in a body.—F. R. Latchford.

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ZOOLOGY.

SALVELINUS OQUASSA in the Ottawa District.—A beautiful living specimen of what I take to be a male Oquassa or Blue backed Trout, sometimes called the "Rangeley Lake Trout", *Salvelinus Oquassa*, Girard (sp.) can now be seen living in one of the aquaria at the Fisheries Exhibition on O'Connor Street in this city. This specimen, which has been referred to me for identification, was recently obtained by Mr. Vernon C. Nicholson at Lac de Marbre, in the Township of Wakefield, Province of Quebec, who last year noticed the difference between it and *Salvelinus fontinalis*, Mitchell (sp.), the ordinary Brook Trout of the district. He killed at that time several specimens of *S. Oquassa* in the above named lake. In another lake quite close to Lac de Marbre the ordinary Brook Trout abounds; but so far as Mr. Nicholson observed the two species do not occur together.

The specimen has been identified with *S. Oquassa* from external characters only, and its hyoid bone has not been examined, but if correctly determined, the occurrence of this species in the Province of Quebec is of especial interest, as heretofore it has only been recorded from Maine.

According to Jordan & Gilbert, * the hyoid bone in *S. Oquassa*

* Synops. Fishes N. America. Smithson. Miscell. Coll., vol. xxiv (1883), p. 318.

has a "narrow, median band of teeth," which, however, are "sometimes lost," but in the common Brook Trout (*Salvelinus fontinalis*) the hyoid teeth are wanting. The following is a copy of Jordan & Gilbert's specific description of *S. Oquassa* :

"Body elongate, considerably compressed, less elevated than in the other species of this genus, the dorsal outline regularly but not strongly curved. Head quite small, the maxillary short and moderately broad, scarcely extending to the posterior margin of the eye. Eye large, $3\frac{1}{2}$ in head. Jaws about equal. Scales small, those along the lateral line somewhat enlarged. Pectoral and ventral fins not elongate; opercles without concentric striæ. Coloration dark blue, the red spots small and round, much smaller than the pupil, usually confined to the sides of the body; sides with traces of dark bars; lower fins variegated, as in *S. fontinalis*. Head, 5; depth, 5. D. 10; A. 9. Lat. l. 230; gillrakers about 6 + 11. Length, 12 inches. Smallest and handsomest of our trout, as yet known only from the Rangeley Lakes in Western Maine."—J. F. WHITEAVES.

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EDITORIAL NOTES.

WINTER SOIREES.—The first meeting of the Winter Course will be held early in December in the Normal School Lecture Room when Dr. George M. Dawson, C.M.G., F.R.S., &c., will deliver his Presidential address. The full programme for the Course of Winter lectures will be given in our December issue.

CREATING A STIR.—A great coming event is the publication of a wonderful almanac to be called the *Star* Almanac, published by the *Montreal Star*. It is said to be a marvellous work, four hundred pages, with coloured maps.

TORONTO "SATURDAY NIGHT'S" XMAS NUMBER, 1892.—Another literary treat is promised in the Christmas number of *Saturday Night*. *The Newsdealer, Publisher and Stationer's Bulletin*, the Canadian correspondent of which has seen advance copies of all that is promised, says that "It will doubtless be the most beautiful publication ever attempted in America and compares more than favourably with *Figaro* and the most expensive Old Country Christmas numbers."



Whiteaves, Joseph Frederick. 1892. "Zoology." *The Ottawa naturalist* 6(7), 119–120.

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