

INSTITUTE FOR FISHERIES RESEARCH

RECEIVED  
JAN 16 1932  
FISH DIVISION

January 14, 1932

Report No. 115

IDENTIFICATION OF GEORGIAN BAY FISHES SUBMITTED BY ONTARIO GAME  
AND FISHERIES DEPARTMENT

On September 21, 1931, a number of preserved fish specimens were submitted to the Institute for Fisheries Research for identification, by G. C. Toner, of the Field Service, Ontario Game and Fisheries Branch. The specimens were collected in Georgian Bay, and are herewith reported upon.

1. Bloaters taken in 1 1/2 inch gill-net, Flower Pot Island, Georgian Bay, 40 fathoms, September 1, 1931, G. C. Toner No. 7. - These are all Leucichthys hoyi (Gill).
2. "Shore Herring" taken on a rocky shoal off Cape Commodore, Georgian Bay, (near Owen Sound), 2 fathoms, 2" bait-net, June 21, 1931, G. C. Toner No. 9. - These are Leucichthys artedii artedii, (LeSueur).
3. "Bluefins" taken at Tobermory, caught off Cape Hurd, Georgian Bay, at a depth of 70 fathoms, on Sept. 1, 1931. These three specimens represent three species of "chubs", one of which is the "blackfin", Leucichthys nigripinnis (Gill). The other two are L. johannae (Wagner) and L. zenithicus (Jordan and Evermann), neither of which bear distinctive common names. The most technical use of "bluefin" would be for Leucichthys nigripinnis cyanopterus of Lake Superior.
4. The fishes taken on hooks along the rocky shore of Georgian Bay at Tobermory; on August 30, 1931, G. C. Toner, No. 6, are perch, Perca flavescens Mitchill, and lake chubs, Conesius plumbeus (Agassiz).
5. The deep-water sculpins taken in a 1 1/2 inch bait net, set in 40 fathoms 8 miles E. of Griffith Island, July 7, 1931, G. C. Toner No. 3, are Trigloporus thompsoni Girard and Cottus cognatus Richardson.
6. The sculpin from the stomach of a bluefin, caught in 70 fathoms in Lake Huron, is Cottus ricei.
7. The creek fishes from Snyderham River, Owen Sound, are mostly common shiners, Notropis cornutus frontalis (Agassiz), Young suckers, Catostomus c. commersonii (Lacépède) and a few each of creek chubs, Semotilus a. atromaculatus (Mitchill) and black-nosed dace, Rhinichthys atronasus meleagris Agassiz.

Report prepared by undersigned.

Original to G. C. Toner

INSTITUTE FOR FISHERIES RESEARCH

Carl L. Hubbs  
Carl L. Hubbs, Director