

Freshwater Form of Fourhorn Sculpin (*Myoxocephalus quadricornis*) from Lake Tuborg, Ellesmere Island, Nunavut, with Reference to other Canadian Lacustrine and Riverine Populations

John A. Babaluk,^{1,2} James D. Reist¹ and Ted Lewis^{3,4}

(Received 11 April 2022; accepted in revised form 19 September 2022)

APPENDIX

TABLE S1. Known Canadian lacustrine and riverine populations of fourhorn sculpin, *Myoxocephalus quadricornis*, from the collection records of the Canadian Museum of Nature (CMN). Freshwater and brackish water habitat forms are indicated.

| Water body ¹ | Location | Geographic coordinates (approximate) | CMN catalogue no. (CMNFI) | Habitat | Habitat reference |
|----------------------------|-------------------------------|--------------------------------------|---------------------------|------------|----------------------------|
| Eleanor (Elinor) Lake | Cornwallis Island (NU) | 75.378° N, 93.953° W | 1977-1335.1 | freshwater | Markager et al., 1999 |
| Garrow Lake ² | Little Cornwallis Island (NU) | 75.398° N, 96.801° W | 1982-0197.1 & others | brackish | Dickman & Ouellet, 1987 |
| Husky (Eskimo) Lakes | Mainland (NT) | 69.250° N, 132.286° W | 1977-1471A.2 & others | brackish | Roux et al., 2014 |
| Kuujjua River | Victoria Island (NT) | 71.133° N, 115.000° W | 1977-1578.2 | freshwater | implied (geo. coordinates) |
| Longspur Lake ² | Victoria Island (NU) | 70.194° N, 105.420° W | 1978-0233.1 | freshwater | implied (geo. coordinates) |
| Nauyaat (Nauyu(a)k Lake) | Kiillinnuguyaq (NU) | 68.380° N, 107.714° W | 1974-0328.1 & others | freshwater | Gyselman & Mohr, 1990 |
| Paalliq (Lauchlan River) | Victoria Island (NU) | 69.083° N, 109.533° W | 1983-0113.2 | freshwater | implied (geo. coordinates) |
| Romulus Lake | Ellesmere Island (NU) | 79.873° N, 85.075° W | no specimens ³ | brackish | Davidge, 1994 |
| Sipukat Lake | near Okak Bay (NL) | 57.554° N, 62.371° W | 1983-0100.4 | freshwater | Anderson, 1985 |
| Sophia Lake | Cornwallis Island (NU) | 75.100° N, 93.600° W | 1975-1939.1 | brackish | Stewart & Platford, 1986 |
| Stanwell-Fletcher Lake | Somerset Island (NU) | 72.643° N, 93.943° W | 1975-1932.1 & others | freshwater | Rust & Coakley, 1970 |
| Surrey Lake | Victoria Island (NU) | 69.716° N, 107.230° W | 1972-0341.1 | freshwater | implied (geo. coordinates) |
| Tahiryuaq (Ferguson Lake) | Victoria Island (NU) | 69.421° N, 105.267° W | 1972-0338.1 & others | freshwater | Johnson, 1964 |
| Tassijuak Lake | Victoria Island (NU) | 69.100° N, 112.533° W | 1983-0108.2 | freshwater | implied (geo. coordinates) |
| Lake Tuborg | Ellesmere Island (NU) | 80.960° N, 75.645° W | 2002-0013.1 | freshwater | Lewis et al., 2007 |
| Unnamed lake | Cornwallis Island (NU) | 75.045° N, 96.355° W | 1982-0196.2 | freshwater | implied (geo. coordinates) |
| Unnamed lake | Bathurst Island (NU) | 76.583° N, 98.917° W | 1982-0102.1 | freshwater | Stewart & Bernier, 1982 |
| Unnamed lake | Melville Island (NU) | 75.050° N, 107.850° W | 1982-0098.1 | freshwater | Stewart & Bernier, 1982 |
| Unnamed lake | Melville Island (NT) | 75.050° N, 111.500° W | 1982-0099.2 | brackish | Stewart & Bernier, 1982 |
| Washburn Lake | Victoria Island (NU) | 70.073° N, 107.385° W | 1965-0365.1 & others | freshwater | Johnson, 1964 |
| Wentzel River | Mainland (NU) | 67.807° N, 110.335° W | 1986-0573.1 | freshwater | implied (geo. coordinates) |
| Zeta Lake | Victoria Island (NU) | 70.947° N, 106.535° W | 1977-1294A.1 | freshwater | Johnson, 1964 |

¹ Water body names are from the Canadian Geographical Names Database (Natural Resources Canada, 2022). Previous names are noted in parentheses.

² Unofficial name.

³ Fourhorn sculpin are present in Romulus Lake (Davidge, 1994). However, fourhorn sculpin specimens at the CMN labelled as from Romulus Lake are marine form from Slide Fiord.

¹ Fisheries and Oceans Canada, 501 University Crescent, Winnipeg, Manitoba R3T 2N6, Canada

² Corresponding author: Current address: 217 River Road, St. Andrews, Manitoba R1A 2W3, Canada; jbabaluk@shaw.ca

³ Climate System Research Center, Department of Geosciences, University of Massachusetts, Amherst, Massachusetts 01003, USA

⁴ Current address: Stantec, Suite 500, 4515 Central Boulevard, Burnaby, British Columbia V5H 0C6, Canada