



State of Alaska
Department of Fish and Game
Sportfish Division

Nomination Form
Fish Distribution Database



Region ARCTIC USGS Quad Harrison Bay B-3

Fish Distribution Database Number of Waterway 330-00-10840-2019-~~XXXX~~ 3001-0010

Name of Waterway Fish Creek Tributary and Lake USGS Name Local Name

Addition Deletion Correction Backup Information

Nomination # <u>4 460</u>		For Office Use <u>Atlas</u> <u>2-24-05</u>	
Revision Year: <u>2006</u>		<u>[Signature]</u> <u>2/24/05</u> Fisheries Scientist Date	
Revision to: Atlas <input type="checkbox"/> Catalog <input type="checkbox"/>		<u>[Signature]</u> <u>12-15-04</u> FDD Project Biologist Date	
Both <input checked="" type="checkbox"/>		Drafted Date	
Revision Code: <u>A-2</u>			

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Broad whitefish (BDWF)	Summer 2003			(F03A)145	<input checked="" type="checkbox"/>
Humpback whitefish (HBWF)	Summer 2003			(F03A)4	<input checked="" type="checkbox"/>
Arctic Grayling (AG)	Summer 2003			(F03A)124	<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>

IMPORTANT: Provide all supporting documentation that this water body is important for the spawning, rearing or migration of anadromous fish, including: number of fish and life stages observed; sampling methods, sampling duration and area sampled; copies of field notes; etc. Attach a copy of a map showing location of mouth and observed upper extent of each species, as well as other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

Comments: This Fish Creek Tributary is nominated from its mouth (west of lake with samples iste F03A on map) to and the lake. There is a direct stream connection between Fish Creek Stream 330-00-10840-2019 and the lake with F03A. Additionally during spring, the wetland complex upstream (with F03) is also connected. Catch data are from "Baseline Surveys of Fish Habitats in Eastern NPR-A, Summary Data Report, September 2003" prepared by MJM Research, 1012 Shoreland Drive, Lopez Island, WA, for ConocoPhillips Alaska, Inc. and Anadarko Petroleum Corp and 2004 unpublished catch data from Moulton (Data are attached). Use of the sytem above F03A by anadromous fish is likley occurs but certainly is limited to a short period of the year but research along the Beafort coast suggests these periods of use are important, at least for broad whitefish (Morris, 2003, Morris 2000, ongoing Teshekpuk area whitefish work). Fyke nets were only fished during mid July which certainly would have missed whitefish use of the complex above F03A.

Add new stream & lake w/ WP

Name of Observer (please print): William Morris
Signature: [Signature] Date: 11/9/2004
Address: AK, Dept Nat Resources, OHMP
1300 College Road, Fairbanks, AK 99701

This certifies that in my best professional judgment and belief the above information is evidence that this waterbody should be included in or deleted from the Fish Distribution Database.

Signature of Area Biologist: [Signature] Revision 04/03
Name of Area Biologist (please print): John Burr

Moulton, L. L. (MJM Research LLC), 2003. Baseline Surveys of Fish Habitats in Eastern NPR-A, Summary Data Report, September 2003., prepared by MJM Research, 1012 Shoreland Drive, Lopez Island, WA, for ConocoPhillips Alaska, Inc. and Anadarko Petroleum Corp. 16 pp (plus data Appendices)

Moulton, L. L. (MJM Research LLC). 2004. Unpublished 2004 Catch Data from NPR-A Streams.

Morris, W.A., 2003. Seasonal Movements And Habitat Use Of Arctic Grayling (*Thymallus arcticus*), Burbot (*Lota Lota*), And Broad Whitefish (*Coregonus Nasus*) Within The Fish Creek Drainage Of The National Petroleum Reserve-Alaska, 2001-2002. Technical Report No. 03-02. Alaska Department of Natural Resources, Office of Habitat Management and Permitting, Juneau. 110 pp.

Morris, W. A. 2000. Seasonal movements of broad whitefish (*Coregonus nasus*) in the freshwater systems of the Prudhoe Bay oil field. Masters Thesis. University of Alaska Fairbanks. 71 pp.

Table 2. Fish caught by fyke net in small streams of eastern NPR-A during 2003.

All Stations				
Species	June Total	July Total	August Total	Total
Broad whitefish	3	153	0	156
Humpback whitefish	1	4	0	5
Least cisco	0	53	0	53
Round whitefish	0	4	1	5
Arctic grayling	274	1,529	44	1,847
Burbot	0	1	1	2
Alaska blackfish	93	25	0	118
Slimy sculpin	1	36	0	37
Ninespine stickleback	10,696	3,013	8	13,717
Effort (hrs)	1,351.3	1,545.9	322.2	3,219.4

Station F02			
Species	June Total	July Total	Total
Broad whitefish	1	1	2
Humpback whitefish	0	0	0
Least cisco	0	0	0
Round whitefish	0	0	0
Arctic grayling	10	93	103
Burbot	0	0	0
Alaska blackfish	0	1	1
Slimy sculpin	0	13	13
Ninespine stickleback	35	36	71
Effort (hrs)	214.7	191.1	405.8

Station F04				
Species	June Total	July Total	August Total	Total
Broad whitefish	2	4	0	6
Humpback whitefish	1	0	0	1
Least cisco	0	2	0	2
Round whitefish	0	1	1	2
Arctic grayling	157	44	21	222
Burbot	0	0	0	0
Alaska blackfish	0	0	0	0
Slimy sculpin	1	8	0	9
Ninespine stickleback	281	24	0	305
Effort (hrs)	215.5	269.2	161.0	645.7

Station F06/F06A			
Species	F06 Total	F06A Total	Total
Broad whitefish	0	0	0
Humpback whitefish	0	0	0
Least cisco	0	0	0
Round whitefish	0	0	0
Arctic grayling	0	2	2
Burbot	0	0	0
Alaska blackfish	32	4	36
Slimy sculpin	0	0	0
Ninespine stickleback	345	1,687	2,032
Effort (hrs)	188.8	189.3	378.2

Station F01				
Species	June Total	July Total	August Total	Total
Broad whitefish	0	3	0	3
Humpback whitefish	0	0	0	0
Least cisco	0	3	0	3
Round whitefish	0	0	0	0
Arctic grayling	105	1,266	23	1,394
Burbot	0	0	1	1
Alaska blackfish	2	0	0	2
Slimy sculpin	0	15	0	15
Ninespine stickleback	369	14	8	391
Effort (hrs)	213.3	260.3	161.2	634.8

Station F03/F03A			
Species	F03 Total	F03A Total	Total
Broad whitefish	0	145	145
Humpback whitefish	0	4	4
Least cisco	0	48	48
Round whitefish	0	3	3
Arctic grayling	0	124	124
Burbot	0	1	1
Alaska blackfish	34	9	43
Slimy sculpin	0	0	0
Ninespine stickleback	390	293	683
Effort (hrs)	211.6	262.2	473.8

Station F05 (CK 16)			
Species	June Total	July Total	Total
Broad whitefish	0	0	0
Humpback whitefish	0	0	0
Least cisco	0	0	0
Round whitefish	0	0	0
Arctic grayling	2	0	2
Burbot	0	0	0
Alaska blackfish	17	2	19
Slimy sculpin	0	0	0
Ninespine stickleback	8,810	69	8,879
Effort (hrs)	187.8	182.5	370.4

Station F07 (CK 17)			
Species	June Total	July Total	Total
Broad whitefish	0	0	0
Humpback whitefish	0	0	0
Least cisco	0	0	0
Round whitefish	0	0	0
Arctic grayling	0	0	0
Burbot	0	0	0
Alaska blackfish	8	9	17
Slimy sculpin	0	0	0
Ninespine stickleback	466	890	1,356
Effort (hrs)	119.4	191.3	310.7

098-460

Add new stream @

lake with WP

330-00-10840-2091

19003 diad

1m

330-00-10840-

1008 75102

1m

1m

