FISH DISTRIBUTION DATABASE CATALOG/ATLAS
CORRECTION FORM

#B

CORRECTION TO: ATLAS X CATALOG X

REGION: BEECH4 Pt B-3

MAP: ARC/SWT

WATERWAY NUMBER: Listed below

DESCRIBE CHANGE(S):

330-00-10415 Change species designation from SM to Rainbow smelt (OM)

321-10-10020 Change species designation
321-10-10020-0010 from smelt to
Ugashik B-5 Rainbow (Boreal) smelt (OM)
C-4, C-5

CHANGE REQUESTED BY: J Johnson 10/16/06 DATE

DRAFTED/DIGITIZED BY: [signature] 10/24/06 DATE

REVISION CODE: E-7

NOMINATION NUMBER: 06-386

** ATTACH THIS FORM TO EXISTING NOMINATION FORM IN FILE **

(Rev. 05/03)

State of Alaska
Department of Fish and Game
Nomination for Waters
Important to Anadromous Fish

Region: ARCTIC

USGS Quad: BEECHY POINT B-3

Anadromous Water Catalog Number of Waterway: 330-00-10415

Name of Waterway: PUTULIGAYUK

☒ USGS Name ☐ Local Nam

☒ Addition ☐ Deletion ☐ Correction ☐ Backup Information

For Office Use

Nomination #	97 043		12-4-96
Revision Year:		Regional Supervisor OKLLP	Date
Revision to: Atlas ____ Catalog ____			2/11/97
Both ____		AWC Project Biologist	Date
Revision Code:	B1		12/2/97
		Drafted	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
ARCTIC CISCO	1993		X		☒
LEAST CISCO	1993		X		☒
RAINBOW SMELT	1993		X		☒
					☐
					☐

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:

ATTACHED: TECHNICAL REPORT 95-3
BY CARL R. HEMMING

ALASKA DEPT. OF FISH & GAME

Name of Observer (please print): CARL HEMMING

Date: 12-4-96 Signature: Carl Hemming

Address: 1300 COLLEGE ROAD
FAIRBANKS, AK 99709

DEC 5 1996
REGION II
HABITAT AND RESTORATION DIVISION

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 Catalog of Waters Important for Spawning, Rearing or Migration of Anadromous Fishes per AS 16.05.870.

Signature of Area Biologist: Carl Hemming

Results

Put 27

Fyke Net Sampling

In July and late August, we fished a fyke trap at the access ramp to Put 27. Eleven fish species were captured including those with freshwater, anadromous, and marine life history patterns (Table 6). Arctic cisco, broad whitefish, fourhorn sculpin, least cisco and ninespine stickleback were captured during both sampling periods, Arctic cod, Arctic flounder, Dolly Varden, and round whitefish were captured in July and grayling and rainbow smelt were captured in late August.

Ninespine stickleback, fourhorn sculpin, and broad whitefish were captured most frequently (Table 7). In July the sample catch contained 42% ninespine stickleback, 41% broad whitefish, and 10% fourhorn sculpin. In August 50% of the fish captured were fourhorn sculpin, while 46% were ninespine stickleback and only 2.5% were broad whitefish. The remaining fish species were captured infrequently.

We captured 113 young-of-the-year broad whitefish in July (Appendix IV). These small broad whitefish ranged from 37 to 48 mm and averaged 42 mm (SD = 3.7). In Late August we captured 21 young-of-the-year broad whitefish that ranged from 55 to 77 mm and averaged 66 mm (SD = 4.3).

Gill Net Sampling

We fished experimental gill nets at the access ramp and in the inlet channel to Put 27 from August 29 to 30. At the access ramp we captured five large broad whitefish ranging from 429 to 485 mm in length. At the inlet channel we captured three large broad whitefish (454 to 483 mm), seven least cisco (297 to 358 mm), and a single 144 mm Dolly Varden (Table 8).

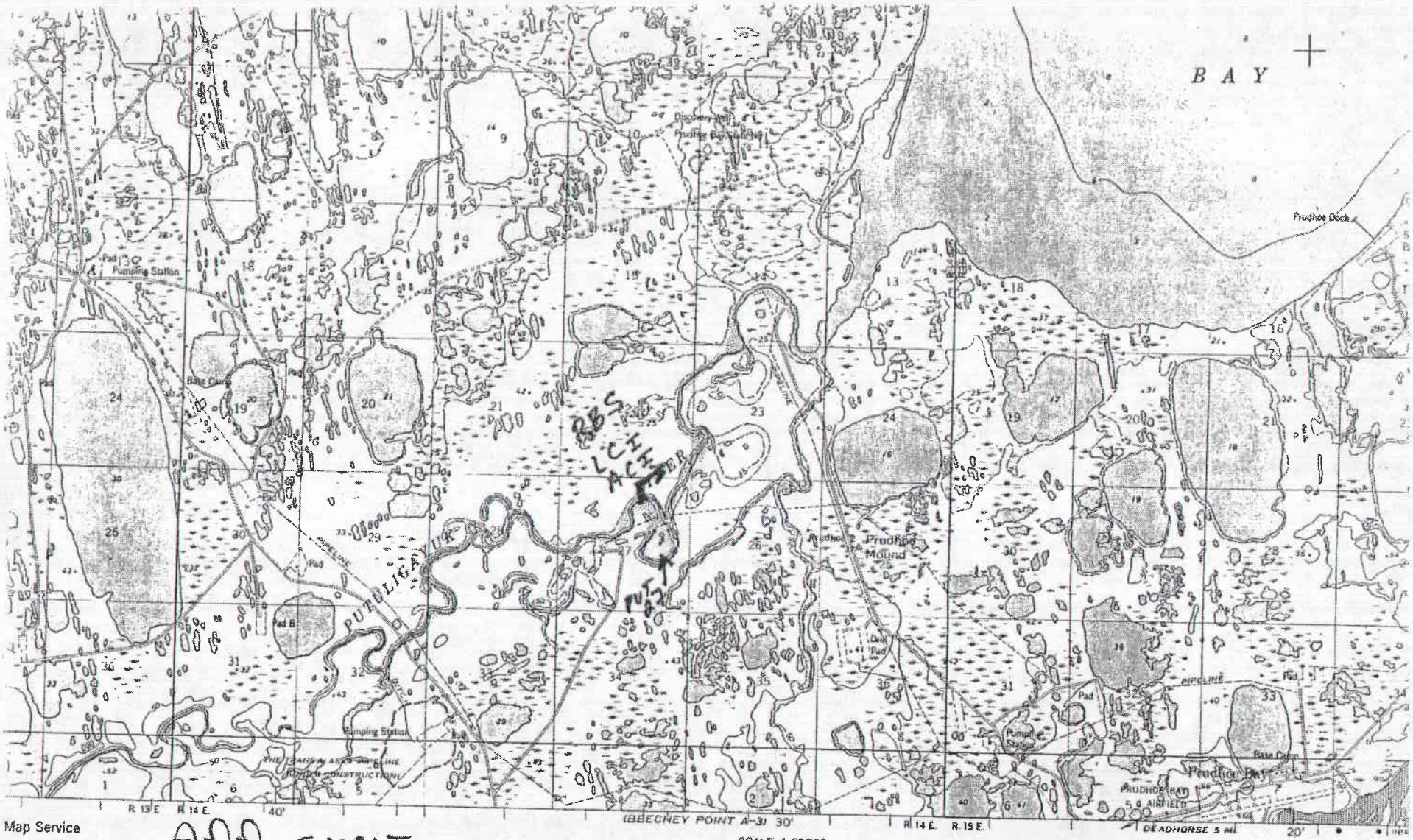
We examined stomach content from three broad whitefish and four least cisco. The broad whitefish contained amphipods while the least cisco stomachs contained mysids.

Table 7. Results of fyke net fish sampling in Put 27, 1993.

Net Location	Dates	Time Fished Days	Mean * Water Temp (C°)	Fish ** Species	Number	CPUE Fish/day
Put 27 Access Ramp	July 17-22	5.0	13.2	ACi	2	0.4
				ACD	1	0.2
				AFL	7	1.4
				BWF	113	22.6
				DV	2	0.4
				FHS	27	5.4
				LCi	1	0.2
				NSB	116	23.2
				RWF	4	0.8
Put 27 Access Ramp	Aug 18 - Sept 1	4.0	6.1	ACi	1	0.3
				AG	1	0.3
				BWF	21	5.3
				FHS	421	105.3
				LCi	3	0.8
				NSB	389	97.3
				RBS	1	0.3

* Mean temperatures from daily measurements at net sites

** ACi = Arctic cisco
ACD = Arctic cod
AFL = Arctic flounder
AG = Arctic grayling
BWF = Broad whitefish
DV = Dolly Varden
FHS = Fourhorn sculpin
LCi = Least cisco
NSB = Ninespine stickleback
RBS = Rainbow smelt
RWF = Round whitefish



Map Service
the Geological Survey
USCE
ametric methods from aerial photographs
ated 1955. Map not field checked
ta compiled from USC&GS
is information is not intended

cator projection, 1927 North American datum
sed on Alaska coordinate system, zone 6
ansverse Mercator grid ticks,

unsurveyed and unmarked locations
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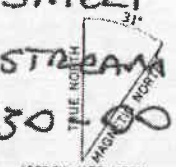
ADD SMELT
TO STREAM
330-00-10415



APPROXIMATE MEAN DECLINATION, 1975

BEECHY POINT B-3

SCALE 1:63360

1 ½ 0 1 2 3 4 MILES
3000 0 3000 6000 9000 12000 15000 18000 21000 FEET
1 .5 0 1 2 3 4 5 KILOMETERS

CONTOUR INTERVAL 50 FEET
DASHED LINES REPRESENT 25-FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS MEAN LOWER LOW WATER
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY 0.5 OF A FOOT

FOR SALE BY U. S. GEOLOGICAL SURVEY
FAIRBANKS, ALASKA 99701, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

QUADRANGLE LOCATION

Revisions shown in purple compiled from aerial photographs taken 1975. This information not field checked