State of Alaska
Department of Fish and Game
Sportfish Division

Nomination Form
Anadromous Waters Catalog

Region: Southcentral

USGS Quad(s): CORDOVA C-3, B-3, B-4

Anadromous Waters Catalog Number of Water Body: 212-20-10080 (-0910)

Name of Water Body: Copper River, *Waters of Copper River Delta ☑ USGS Name ☑ Local Name

☑ Addition ☐ Deletion ☑ Correction ☐ Backup Information

For Office Use

Nomination #: **24-867**

Revision Year: 2025

Revision to: ☑ Atlas ☑ Catalog

Revision Code: C-7, E-1, B-2

Adam Kern	Fisheries Scientist	12-16-2024 Date
	Habitat Operations Manager	11/19/2024 Date
	AWC Project Biologist	15 Nov 2024 Date
P. C	GIS Analyst	12/20/2024 Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
sockeye salmon	08/01/2024		✓		✓
Dolly Varden	08/01/2024		✓		✓

~UPDATE/ADJUST stream mouth point and lower hydrography of existing AWC Stream #212-20-10080 "Copper River" to better approximate location of Mean-Low-Low-Water (MLLW).

~ADD new AWC Polygon #212-20-10080-0910 "*Waters of the Copper River Delta" to better identify the extent of the Copper River below bankfull across a wide dynamic delta region. Species included in polygon mirror those listed at the mouth of the existing AWC Stream; COpr,Kp,Pp,Sp,CTp,DVpr,OUp,PCp,SHp.

~ADD new life-phase SOCKEYE salmon REARING to new AWC Polygon ##212-20-10080-0910 "*Waters of the Copper River Delta".

See observer comments on page 2.
Coordinates (Lat,Long): Upper(60.410100,-144.860294) Lower(60.40946,-144.86026)

Name of Observer (please print): Duncan Green

Signature: 10.231.39.10 (Web Nomination) Date: 10/02/2024

Agency:

Address: 333 Raspberry Rd.
Anchorage, AK 99518

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 Anadromous Waters Catalog.

Signature of Area Biologist: _____ Date: _____ Revision 3/16

Name of Area Biologist (please print):

See Also Noms #24-869 and #24-985

State of Alaska
Department of Fish and Game
Division of Sport Fish

Fish Survey
Nomination Form
Anadromous Waters Catalog

Region: South Central **USGS Quad:** Cordova B-3, C-3, B-4

Anadromous Waters Catalog Number of Waterway: 212-20-10080 (-0910)

Name of Waterway: Copper River, *Waters of Copper River Delta ☐ USGS Name ☑ Local Name

☑ **Addition** ☐ **Deletion** ☑ **Correction** ☐ **Backup Information**

For Office Use

Nomination # 24-867		
Revision Year: 2025	**Fisheries Scientist**	**Date**
Revision to: Atlas ____ Catalog ____ Both X	**Habitat Operations Manager**	**Date**
	AWC Project Biologist	**Date**
Revision Code: C-7, E-1, B-2	**GIS Analyst**	**Date**

Site Information **Station:** FSCB2337A01 **Date Observed:** 8/1/2024 **Legal Desc.:**

	Latitude:	Longitude:	Datum:
Up Stream	60.41010	-144.86029	WGS84
Down Stream	60.40946	-144.86026	WGS84

Station Comments: Slough of Copper River between channels of the Martin River. Close to mixing zone with Martin River water, but distinctly Copper River water based on turbidity.

Life History: Anadromous
- **Species\LifeStage:** Dolly Varden juvenile — **Sampling Method (No. of fish):** PEF (1)
- **Species\LifeStage:** sockeye salmon juvenile — **Sampling Method (No. of fish):** PEF (7)

Life History: Unknown
- **Species\LifeStage:** threespine stickleback juvenile — **Sampling Method (No. of fish):** PEF (8)
- **Species\LifeStage:** threespine stickleback adult — **Sampling Method (No. of fish):** PEF (1)

Key to Sample Method

(VOG) Visual Observation, Ground (PEF) Backpack Electrofisher

Additional Comments: Add sockeye salmon rearing and Dolly Varden rearing to upstream waypoint 37A01UP (60.410100, -144.860294). Two juvenile sockeye salmon and one juvenile Dolly Varden were collected via backpack electrofisher at that waypoint.

Name of Observer: Duncan Green, Fish & Wildlife Technician 3 Phone: Date Printed: 10/2/2024

Signature: _____

Address: Alaska Department of Fish & Game, Sport Fish - RTS
333 Raspberry Road
Anchorage, AK 99518

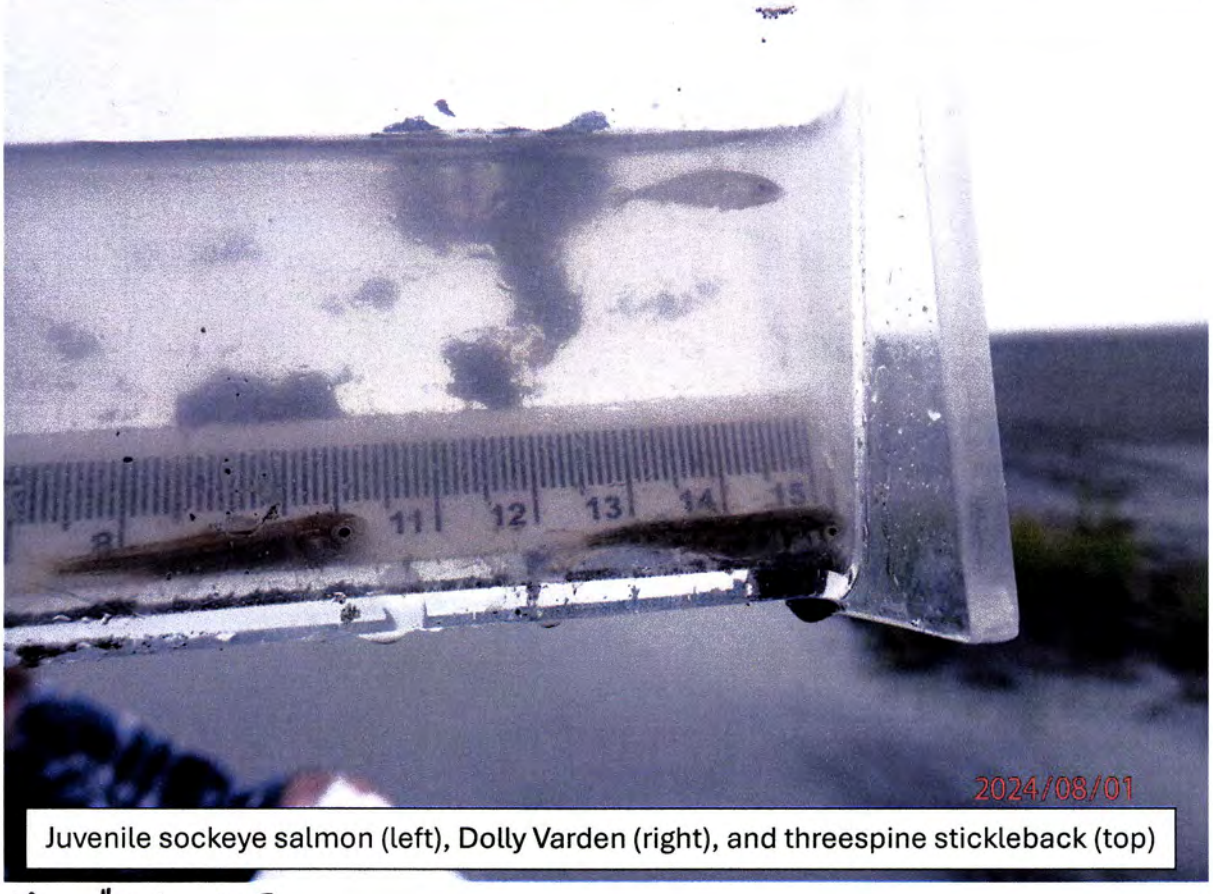
This certifies that in my best professional judgment and belief the above information is evidence that this waterbody should be included in or deleted from the Anadromous Waters Catalog

Signature of Area Biologist: _____ **Date:** _____

GPSMAP 64st
37A01
Note
Location
N 60 409436
W 144.860253
Elevation
~49 m
Depth
000°
0
Map
Done
GARMIN
2024/08/01

2024/08/01

Dam #24-867



Juvenile sockeye salmon (left), Dolly Varden (right), and threespine stickleback (top)

Nom #24-867

Sockeye salmon juveniles

Nom #24-867

State of Alaska
Department of Fish and Game
Division of Sport Fish

Fish Survey
Nomination Form
Anadromous Waters Catalog

Region: South Central **USGS Quad:** Cordova B-3

Anadromous Waters Catalog Number of Waterway: 212-20-10080-0910

Name of Waterway: ☐ USGS Name ☐ Local Name

☑ **Addition** ☐ **Deletion** ☐ **Correction** ☐ **Backup Information**

For Office Use

Nomination # 24-985

Revision Year: 2025

Revision to: Atlas _____ Catalog _____ Both _____

Revision Code: F-1

Fisheries Scientist	Date
Habitat Operations Manager	Date
AWC Project Biologist	Date
GIS Analyst	Date

Site Information **Station:** FSCB2337A02 **Date Observed:** 8/1/2024 **Legal Desc.:**

	Latitude:	Longitude:	Datum:
Up Stream	60.40856	-144.86143	WGS84
Down Stream	60.40793	-144.86235	WGS84

Station Comments: Slough of Copper River, in mixing area with Martin River water

Life History: Anadromous

Species\LifeStage: sockeye salmon juvenile	**Sampling Method (No. of fish):** PEF (1) VOG (1)
Species\LifeStage: threespine stickleback juvenile	**Sampling Method (No. of fish):** PEF (11) VOG (15)
Species\LifeStage: threespine stickleback adult	**Sampling Method (No. of fish):** PEF (1)

Key to Sample Method

(PEF) Backpack Electrofisher (VOG) Visual Observation, Ground

*Enclosed Nom #24-985 for reference

Additional Comments: Add sockeye salmon rearing and threespine stickleback present/rearing to waypoint 37A02UP (60.408559, -144.861428), where two juvenile sockeye salmon, one adult threespine stickelback, and seven juvenile threespine stickleback were collected via backpack electrofishing. Threespine sticklebacks have heavy lateral armoring, indicating anadromy. Appears on imagery to be indistinguishable from 37A01 (Nom 24-867). Combine?

Name of Observer: Duncan Green, Fish & Wildlife Technician 3 Phone: Date Printed: 10/11/2024

Signature: _____

Address: Alaska Department of Fish & Game, Sport Fish - RTS
333 Raspberry Road
Anchorage, AK 99518

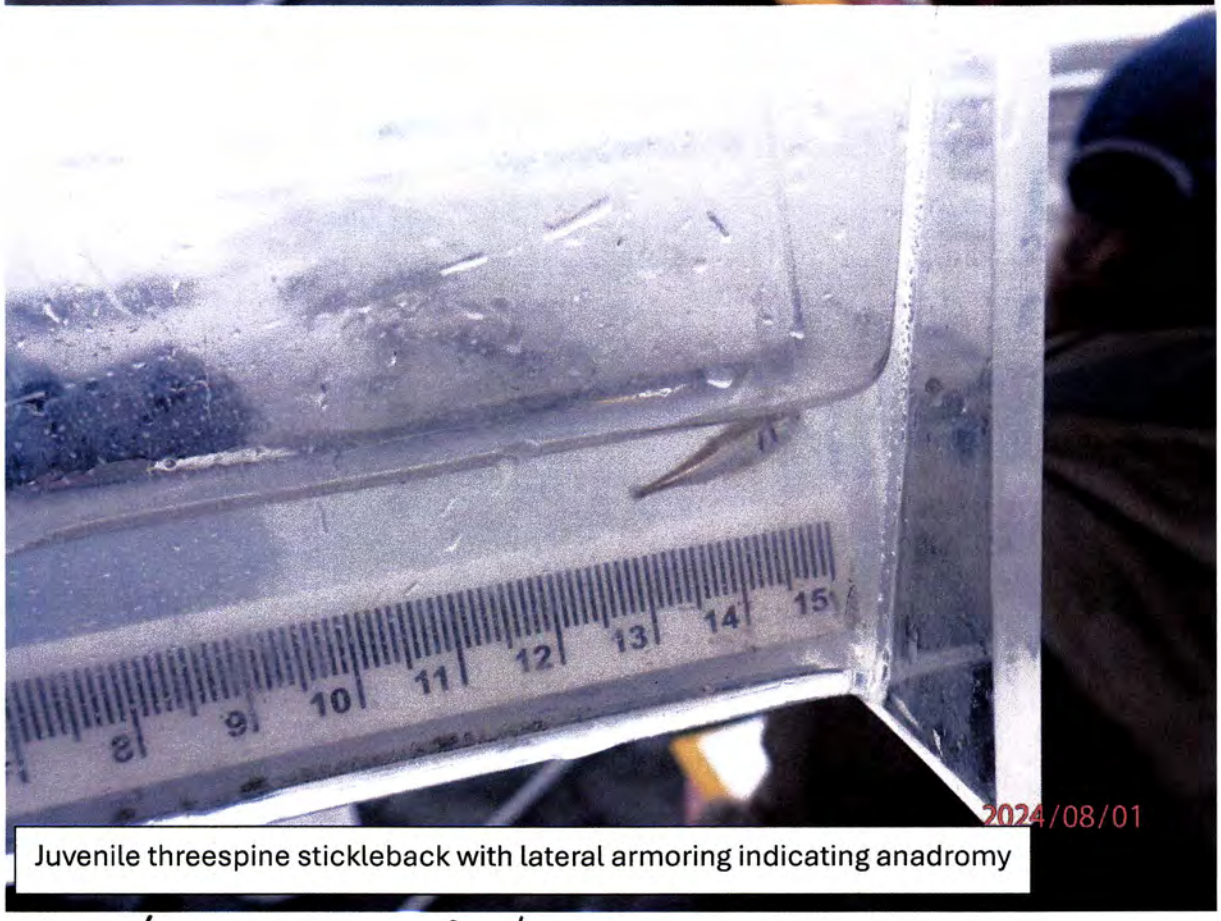
This certifies that in my best professional judgment and belief the above information is evidence that this waterbody should be included in or deleted from the Anadromous Waters Catalog

Signature of Area Biologist: _____ **Date:** _____

Nom #24-985 ~ Photos

Nom #24-985 ~ Photos

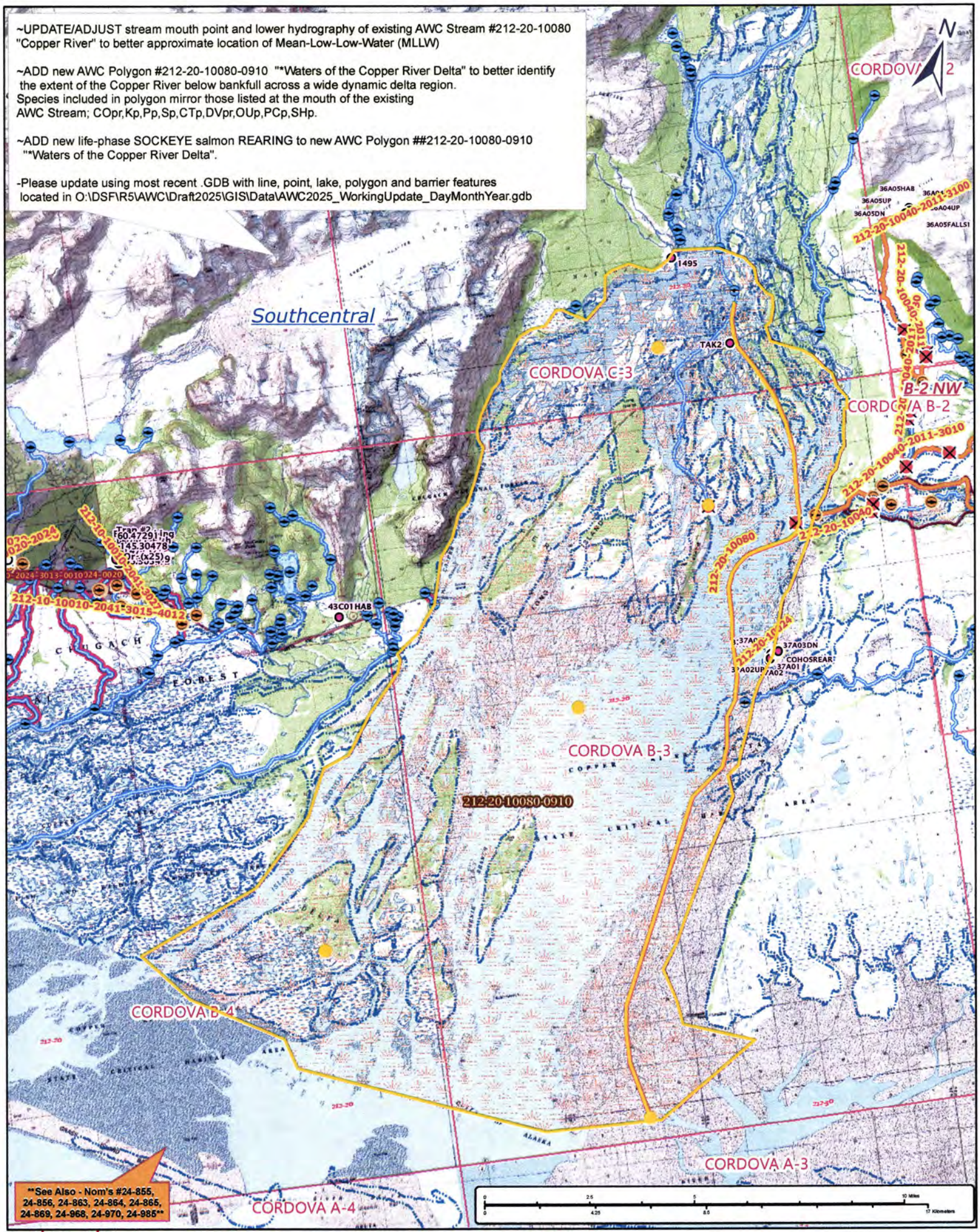
Adult threespine stickleback with lateral armoring indicating anadromy

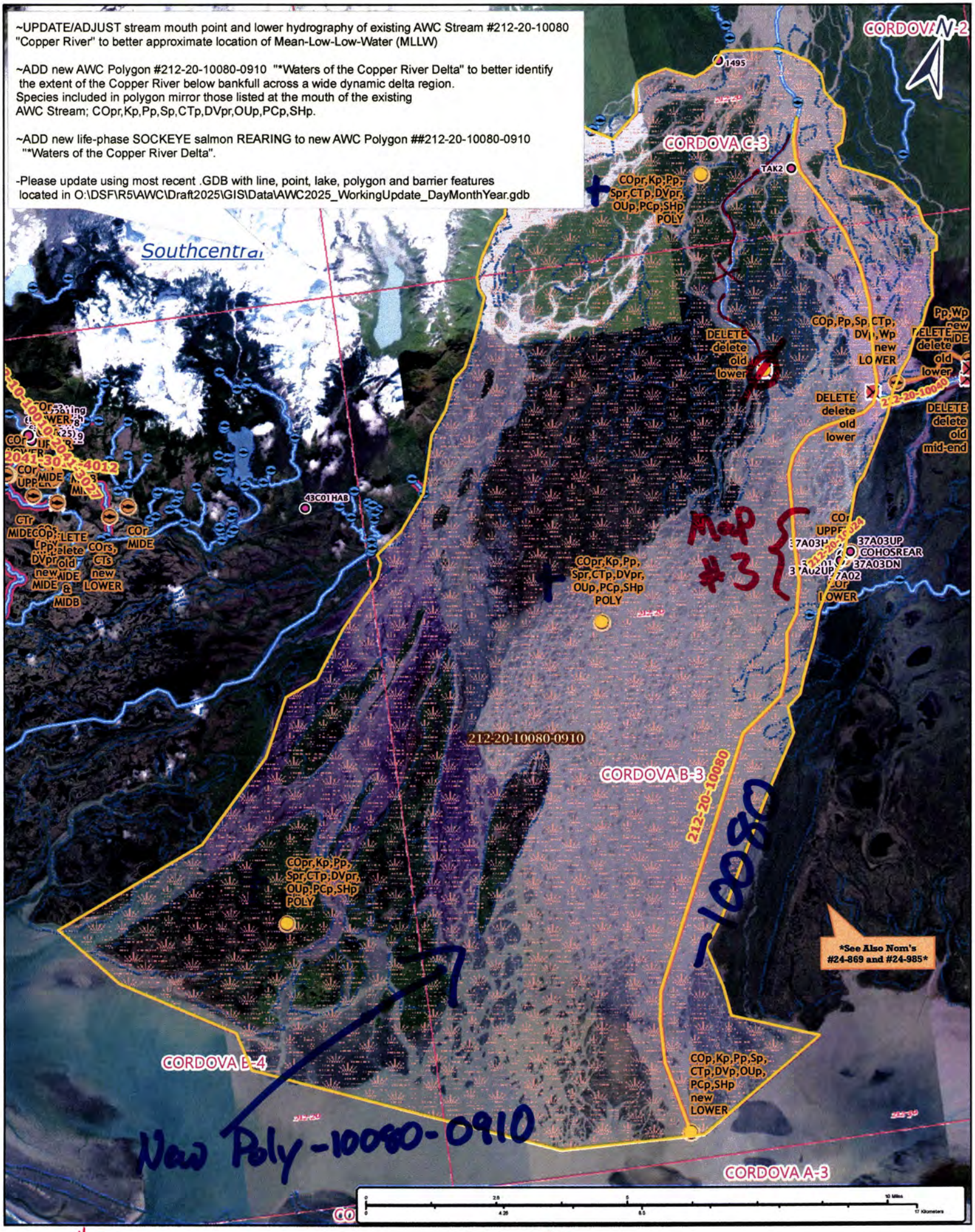


Juvenile threespine stickleback with lateral armoring indicating anadromy

Nom #24-985 ~ Photos

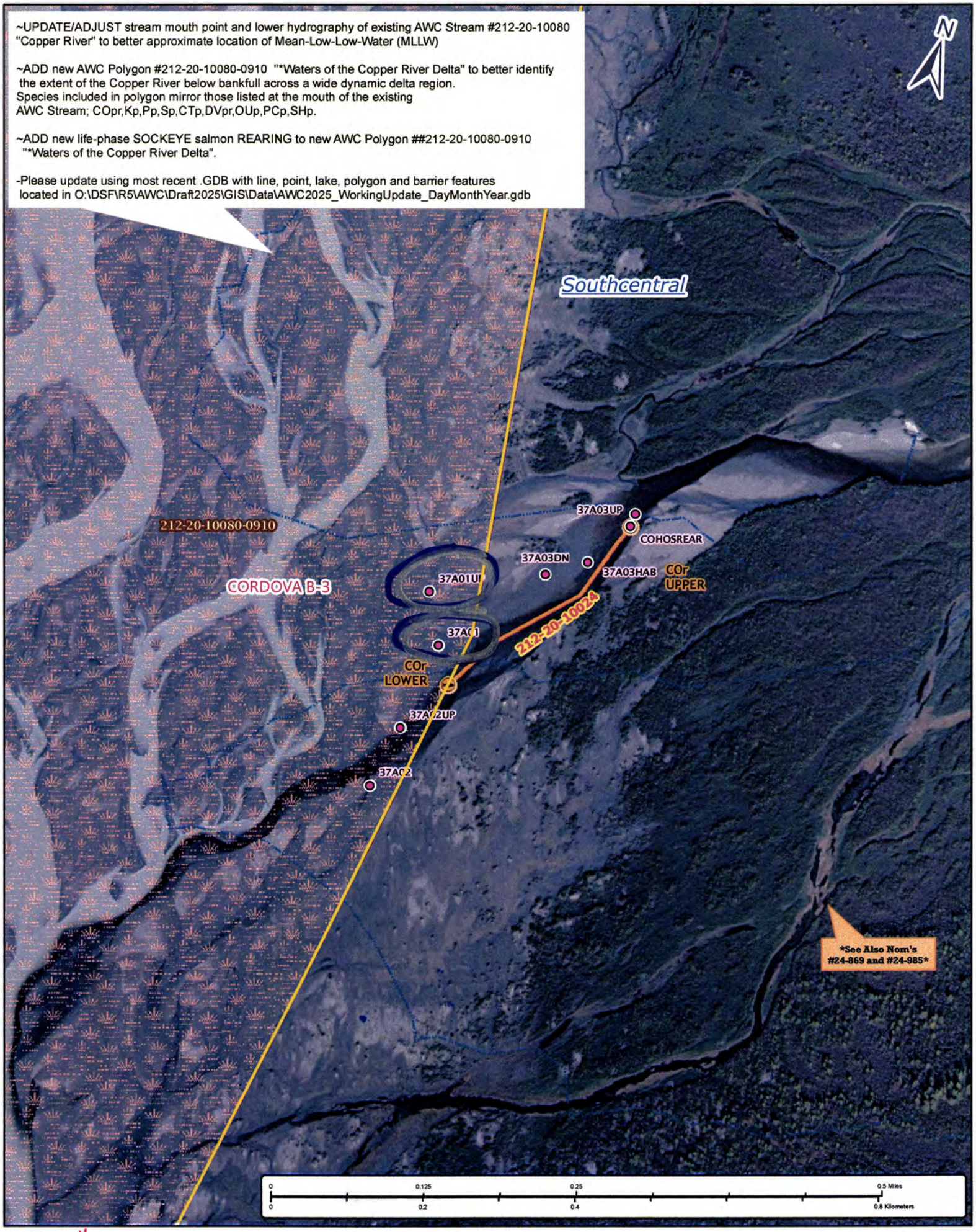
Nom #24-985 ~ Photos


~UPDATE/ADJUST stream mouth point and lower hydrography of existing AWC Stream #212-20-10080 "Copper River" to better approximate location of Mean-Low-Low-Water (MLLW)
~ADD new AWC Polygon #212-20-10080-0910 "*Waters of the Copper River Delta" to better identify the extent of the Copper River below bankfull across a wide dynamic delta region. Species included in polygon mirror those listed at the mouth of the existing AWC Stream; COpr,Kp,Pp,Sp,CTp,DVpr,OUp,PCp,SHp.
~ADD new life-phase SOCKEYE salmon REARING to new AWC Polygon ##212-20-10080-0910 "*Waters of the Copper River Delta".
-Please update using most recent .GDB with line, point, lake, polygon and barrier features located in O:\DSF\R5\AWC\Draft2025\GIS\Data\AWC2025_WorkingUpdate_DayMonthYear.gdb
N
Southcentral
CORDOVA C-3
CORDOVA B-2
B-2 NW
CORDOVA B-3
CORDOVA B-4
CORDOVA A-3
CORDOVA A-4
212-20-10080-0910
212-20-10080
212-20-10040-2011-3100
212-20-10040-2011-3010
212-20-10040
212-20-10024
212-10-10010-2041-3015-4012
36A05HAB
36A05UP
36A05DN
36A04UP
36A05FALLS1
1495
TAK2
43C01HAB
37A03DN
COHOSREAR
37A01
37A02UP
37A02
See Also - Nom's #24-855, 24-856, 24-863, 24-864, 24-865, 24-869, 24-968, 24-970, 24-985
0 2.5 5 10 Miles
0 4.25 8.5 17 Kilometers



Nom #24-867

Map #2



Nom #24-867

Map #3