



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

Fish Survey
Nomination Form
Anadromous Waters Catalog

Region: Southcentral USGS Quad: Seldovia D-3
 Anadromous Waters Catalog Number of Waterway: 241-19-10646 Status: _____
 Name of Waterway: Fox River USGS Name Local Name

Addition Deletion Correction Backup Information

For Office Use

Nomination # <u>100675</u>	<u>[Signature]</u> Fisheries Scientist	<u>10/26/10</u> Date
Revision Year: <u>2011</u>	<u>[Signature]</u> Habitat Operations Manager	<u>10/26/10</u> Date
Revision to: Atlas _____ Catalog _____ Both <input checked="" type="checkbox"/>	<u>[Signature]</u> AWC Project Biologist	<u>10/26/10</u> Date
Revision Code: <u>A-2</u>	<u>[Signature]</u> Cartographer	<u>11/9/10</u> Date

Projcode: 09085 Reach ID: 0908500005

Species (Life Stage) (Total Count)	Date(s) Observed	Spawning	Rearing	Present	Anadromous
eulachon (adult) (2)	06-11-2009 to 06-23-2009	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Anadromous
chum salmon (juvenile) (62)	05-14-2009 to 07-22-2009	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Anadromous
coho salmon (juvenile) (25)	05-14-2009 to 09-23-2009	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Anadromous
pink salmon (adult) (5)	07-22-2009	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Anadromous
sockeye salmon (juvenile) (11)	05-14-2009 to 08-19-2009	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Anadromous
starry flounder (juvenile) (168)	05-14-2009 to 09-23-2009	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Marine/Estuarine
Pacific staghorn sculpin (juvenile/adult) (59)	05-14-2009 to 09-23-2009	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Marine/Estuarine
sculpin-unspecified (juvenile/adult) (28)	06-11-2009 to 08-19-2009	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Freshwater Resident
Dolly Varden (juvenile/adult) (7)	07-22-2009 to 08-19-2009	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Unknown
Dolly Varden (juvenile) (40)	06-11-2009 to 07-22-2009	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Unknown
ninespine stickleback (juvenile/adult) (7)	08-19-2009 to 09-23-2009	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Unknown
threespine stickleback (adult) (66)	05-14-2009 to 08-19-2009	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Unknown
smelt-unspecified (juvenile/adult) (3)	06-23-2009	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Unknown

Add/rev status w/ eulachon present & chum, coho, sockeye & pink salmon REARING

Additional Comments: This nomination provides anadromous waters information in support of the addition of a new waterbody, and the addition of OUp, CHr, COr, Sr, and Pr in that waterbody. Specific station comments are included in the following pages. The information used to generate this nomination was provided to the Alaska Department of Fish and Game as a stipulation of fish resource permit # SF2009-085.

Reviewed \ Submitted By: Benjamin Hstand, Fisheries Technician Phone: (907) 267-2277 Date Printed: 6/7/2010

Signature: [Signature]
 Address: Alaska Department of Fish and Game, Division of Sport Fish
 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: _____



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

Fish Survey
Nomination Form
Anadromous Waters Catalog

Continuation of Reach: 0908500005

Station: 0908500005

Region: Southcentral USGS Quad: Seldovia D-3 Legal Desc.: Sec 22, T. 4 S., R. 10 W., S.M.

Addition Deletion Correction Backup Information Latitude\Longitude: 59.8101 \ -150.99235 (NAD83)

Observation Information

Date Observed: 5/14/2009 Visit: 1 Observer: Tammy Hoem, Kachemak Bay Research Reserve

Life History: Anadromous
Species\Lifestage: chum salmon juvenile Sample Method (# Fish): SEI (12)

Life History: Marine/Estuarine
Species\Lifestage: starry flounder juvenile Sample Method (# Fish): SEI (29)

Species\Lifestage: Pacific staghorn sculpin juvenile/adult Sample Method (# Fish): SEI (7)

Life History: Unknown
Species\Lifestage: threespine stickleback adult Sample Method (# Fish): SEI (3)

Date Observed: 5/25/2009 Visit: 2 Observer: Tammy Hoem, Kachemak Bay Research Reserve

Life History: Anadromous
Species\Lifestage: chum salmon juvenile Sample Method (# Fish): SEI (9)

Species\Lifestage: coho salmon juvenile Sample Method (# Fish): SEI (2)

Life History: Marine/Estuarine
Species\Lifestage: starry flounder juvenile Sample Method (# Fish): SEI (11)

Life History: Unknown
Species\Lifestage: threespine stickleback adult Sample Method (# Fish): SEI (20)

Date Observed: 6/11/2009 Visit: 3 Observer: Tammy Hoem, Kachemak Bay Research Reserve

Life History: Anadromous
Species\Lifestage: eulachon adult Sample Method (# Fish): SEI (1)

Species\Lifestage: chum salmon juvenile Sample Method (# Fish): SEI (3)

Life History: Marine/Estuarine
Species\Lifestage: starry flounder juvenile Sample Method (# Fish): SEI (28)

Species\Lifestage: Pacific staghorn sculpin juvenile/adult Sample Method (# Fish): SEI (21)

Life History: Freshwater Resident
Species\Lifestage: sculpin-unspecified juvenile/adult Sample Method (# Fish): SEI (1)

Life History: Unknown
Species\Lifestage: Dolly Varden juvenile Sample Method (# Fish): SEI (3)

Date Observed: 6/23/2009 Visit: 4 Observer: Tammy Hoem, Kachemak Bay Research Reserve

Life History: Anadromous
Species\Lifestage: eulachon adult Sample Method (# Fish): SEI (1)

Species\Lifestage: coho salmon juvenile Sample Method (# Fish): SEI (2)

Species\Lifestage: sockeye salmon juvenile Sample Method (# Fish): SEI (5)

Life History: Marine/Estuarine
Species\Lifestage: starry flounder juvenile Sample Method (# Fish): SEI (7)

Species\Lifestage: Pacific staghorn sculpin juvenile/adult Sample Method (# Fish): SEI (2)

Life History: Unknown
Species\Lifestage: Dolly Varden juvenile Sample Method (# Fish): SEI (10)

Species\Lifestage: threespine stickleback adult Sample Method (# Fish): SEI (12)

Date Observed: 7/6/2009 Visit: 5 Observer: Tammy Hoem, Kachemak Bay Research Reserve

Life History: Anadromous
Species\Lifestage: chum salmon juvenile Sample Method (# Fish): SEI (1)

Life History: Marine/Estuarine
Species\Lifestage: starry flounder juvenile Sample Method (# Fish): SEI (36)

Species\Lifestage: Pacific staghorn sculpin juvenile/adult Sample Method (# Fish): SEI (2)

Life History: Freshwater Resident
Species\Lifestage: sculpin-unspecified juvenile/adult Sample Method (# Fish): SEI (1)

Life History: Unknown
Species\Lifestage: Dolly Varden juvenile Sample Method (# Fish): SEI (12)

Date Observed: 7/22/2009 Visit: 6 Observer: Tammy Hoem, Kachemak Bay Research Reserve

Life History: Anadromous



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

Fish Survey
Nomination Form
Anadromous Waters Catalog

Continuation of Reach: 0908500005

Date Observed: 7/22/2009 Visit: 6 Observer: Tammy Hoem, Kachemak Bay Research Reserve

- Life History: Anadromous
 - Species\Lifestage: chum salmon juvenile Sample Method (# Fish): SEI (1)
 - Species\Lifestage: coho salmon juvenile Sample Method (# Fish): SEI (9)
 - Species\Lifestage: pink salmon adult Sample Method (# Fish): SEI (5)
 - Species\Lifestage: sockeye salmon juvenile Sample Method (# Fish): SEI (1)
- Life History: Marine/Estuarine
 - Species\Lifestage: starry flounder juvenile Sample Method (# Fish): SEI (13)
- Life History: Freshwater Resident
 - Species\Lifestage: sculpin-unspecified juvenile/adult Sample Method (# Fish): SEI (6)
- Life History: Unknown
 - Species\Lifestage: Dolly Varden juvenile/adult Sample Method (# Fish): SEI (3)
 - Species\Lifestage: Dolly Varden juvenile Sample Method (# Fish): SEI (6)
 - Species\Lifestage: threespine stickleback adult Sample Method (# Fish): SEI (4)

Date Observed: 8/19/2009 Visit: 7 Observer: Steven Baird, Kachemak Bay Research Reserve

- Life History: Anadromous
 - Species\Lifestage: coho salmon juvenile Sample Method (# Fish): SEI (3)
 - Species\Lifestage: sockeye salmon juvenile Sample Method (# Fish): SEI (3)
- Life History: Marine/Estuarine
 - Species\Lifestage: starry flounder juvenile Sample Method (# Fish): SEI (3)
 - Species\Lifestage: Pacific staghorn sculpin juvenile/adult Sample Method (# Fish): SEI (1)
- Life History: Freshwater Resident
 - Species\Lifestage: sculpin-unspecified juvenile/adult Sample Method (# Fish): SEI (10)
- Life History: Unknown
 - Species\Lifestage: Dolly Varden juvenile/adult Sample Method (# Fish): SEI (4)
 - Species\Lifestage: ninespine stickleback juvenile/adult Sample Method (# Fish): SEI (2)
 - Species\Lifestage: threespine stickleback adult Sample Method (# Fish): SEI (1)

Date Observed: 9/23/2009 Visit: 8 Observer: Steven Baird, Kachemak Bay Research Reserve

- Life History: Anadromous
 - Species\Lifestage: coho salmon juvenile Sample Method (# Fish): SEI (5)
- Life History: Marine/Estuarine
 - Species\Lifestage: starry flounder juvenile Sample Method (# Fish): SEI (10)
 - Species\Lifestage: Pacific staghorn sculpin juvenile/adult Sample Method (# Fish): SEI (3)
- Life History: Unknown
 - Species\Lifestage: ninespine stickleback juvenile/adult Sample Method (# Fish): SEI (5)

Key to Sample Method

Sample Method: (SEI) Seine

Additional Comments: (Visit 1) Add waterbody to AWC, and add OUp, CHr, COr, Pr, Sr in the new waterbody.

Project Supervisor: Coowe Walker, Watershed Specialist Kachemak Bay Research Reserve

Station: 0908500004

Region: _____ USGS Quad: Seldovia D-3 Legal Desc.: Sec 27, T. 4 S., R. 10 W., S.M.

Addition Deletion Correction Backup Information Latitude\Longitude: 59.80074 \ -150.99249 (NAD83)

Observation Information

Date Observed: 5/14/2009 Visit: 1 Observer: Steven Baird, Kachemak Bay Research Reserve

- Life History: Anadromous
 - Species\Lifestage: chum salmon juvenile Sample Method (# Fish): SEI (10)
 - Species\Lifestage: coho salmon juvenile Sample Method (# Fish): SEI (2)
 - Species\Lifestage: sockeye salmon juvenile Sample Method (# Fish): SEI (1)
- Life History: Marine/Estuarine
 - Species\Lifestage: starry flounder juvenile Sample Method (# Fish): SEI (11)
 - Species\Lifestage: Pacific staghorn sculpin juvenile/adult Sample Method (# Fish): SEI (13)
- Life History: Unknown
 - Species\Lifestage: threespine stickleback adult Sample Method (# Fish): SEI (15)



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

Fish Survey
Nomination Form
Anadromous Waters Catalog

Continuation of Reach: 0908500005

Date Observed: 5/25/2009 Visit: 2 Observer: Steven Baird, Kachemak Bay Research Reserve

Life History: Anadromous

Species\Lifestage: chum salmon juvenile

Sample Method (# Fish): SEI (19)

Life History: Marine/Estuarine

Species\Lifestage: starry flounder juvenile

Sample Method (# Fish): SEI (9)

Species\Lifestage: Pacific staghorn sculpin juvenile/adult

Sample Method (# Fish): SEI (5)

Life History: Unknown

Species\Lifestage: threespine stickleback adult

Sample Method (# Fish): SEI (3)

Date Observed: 6/11/2009 Visit: 3 Observer: Steven Baird, Kachemak Bay Research Reserve

Life History: Anadromous

Species\Lifestage: chum salmon juvenile

Sample Method (# Fish): SEI (6)

Species\Lifestage: coho salmon juvenile

Sample Method (# Fish): SEI (1)

Life History: Marine/Estuarine

Species\Lifestage: starry flounder juvenile

Sample Method (# Fish): SEI (7)

Species\Lifestage: Pacific staghorn sculpin juvenile/adult

Sample Method (# Fish): SEI (2)

Life History: Unknown

Species\Lifestage: Dolly Varden juvenile

Sample Method (# Fish): SEI (2)

Species\Lifestage: threespine stickleback adult

Sample Method (# Fish): SEI (2)

Date Observed: 6/23/2009 Visit: 4 Observer: Steven Baird, Kachemak Bay Research Reserve

Life History: Anadromous

Species\Lifestage: chum salmon juvenile

Sample Method (# Fish): SEI (1)

Species\Lifestage: coho salmon juvenile

Sample Method (# Fish): SEI (1)

Species\Lifestage: sockeye salmon juvenile

Sample Method (# Fish): SEI (1)

Life History: Marine/Estuarine

Species\Lifestage: starry flounder juvenile

Sample Method (# Fish): SEI (3)

Species\Lifestage: Pacific staghorn sculpin juvenile/adult

Sample Method (# Fish): SEI (2)

Life History: Unknown

Species\Lifestage: Dolly Varden juvenile

Sample Method (# Fish): SEI (6)

Species\Lifestage: threespine stickleback adult

Sample Method (# Fish): SEI (5)

Species\Lifestage: smelt-unspecified juvenile/adult

Sample Method (# Fish): SEI (3)

Date Observed: 7/6/2009 Visit: 5 Observer: Steven Baird, Kachemak Bay Research Reserve

Life History: Marine/Estuarine

Species\Lifestage: starry flounder juvenile

Sample Method (# Fish): SEI (1)

Species\Lifestage: Pacific staghorn sculpin juvenile/adult

Sample Method (# Fish): SEI (1)

Life History: Freshwater Resident

Species\Lifestage: sculpin-unspecified juvenile/adult

Sample Method (# Fish): SEI (10)

Life History: Unknown

Species\Lifestage: Dolly Varden juvenile

Sample Method (# Fish): SEI (1)

Species\Lifestage: threespine stickleback adult

Sample Method (# Fish): SEI (1)

Key to Sample Method

Sample Method: (SEI) Seine

Additional Comments: (Visit 1) Add CHR, Cor, and Sr in new AWC waterbody.

Project Supervisor: Coowe Walker, Watershed Specialist Kachemak Bay Research Reserve

add eulachon present
and chum, coho, pink &
sockeye salmon READING
to station
291-19-
10646

Out ↓

SR
PAR
COR
PR

