

**ANADROMOUS WATERS CATALOG/ATLAS
CORRECTION FORM**

CORRECTION TO: ATLAS X CATALOG X

REGION: S.E.

MAP: JUNEAU B-3

WATERWAY NUMBER: 111-50-10140

DESCRIBE CHANGE(S): CHANGE CHANNEL PER ATTACHED
 MAP DERIVED FROM SPORTFISH JUNEA
 AREA FISH HABITAT ASSESSMENT, ORIGINAL NOMINATION
 & PERSONAL COMMUNICATION W/ KEITH MUNK 4/3/00.
 ADD COR UP TO UPPER PER ORIGINAL NOMINATION.
 SHORTEN EXTENT OF P3 PER DOCUMENT & PERSONAL
 COMMUNICATION W/ K. MUNK. DELETE CH NOT
 ON ORIGINAL NOMINATION.

CHANGE REQUESTED BY: E. Wain 4/3/00

DRAFTED/DIGITIZED BY: Nathan Pankul 4/3/00

REVISION CODE: C-5, B-5, B-1

NOMINATION NUMBER: 99 351

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

SW

Chapter 54

Shrine Creek

Anadromous Stream Catalog Number:
111-50-10140

Location: Lat 58°28'15" N.
Long. 134°47'00" W.
(25 mile Glacier Highway; enters salt water
directly south of Shrine of St. Therese)

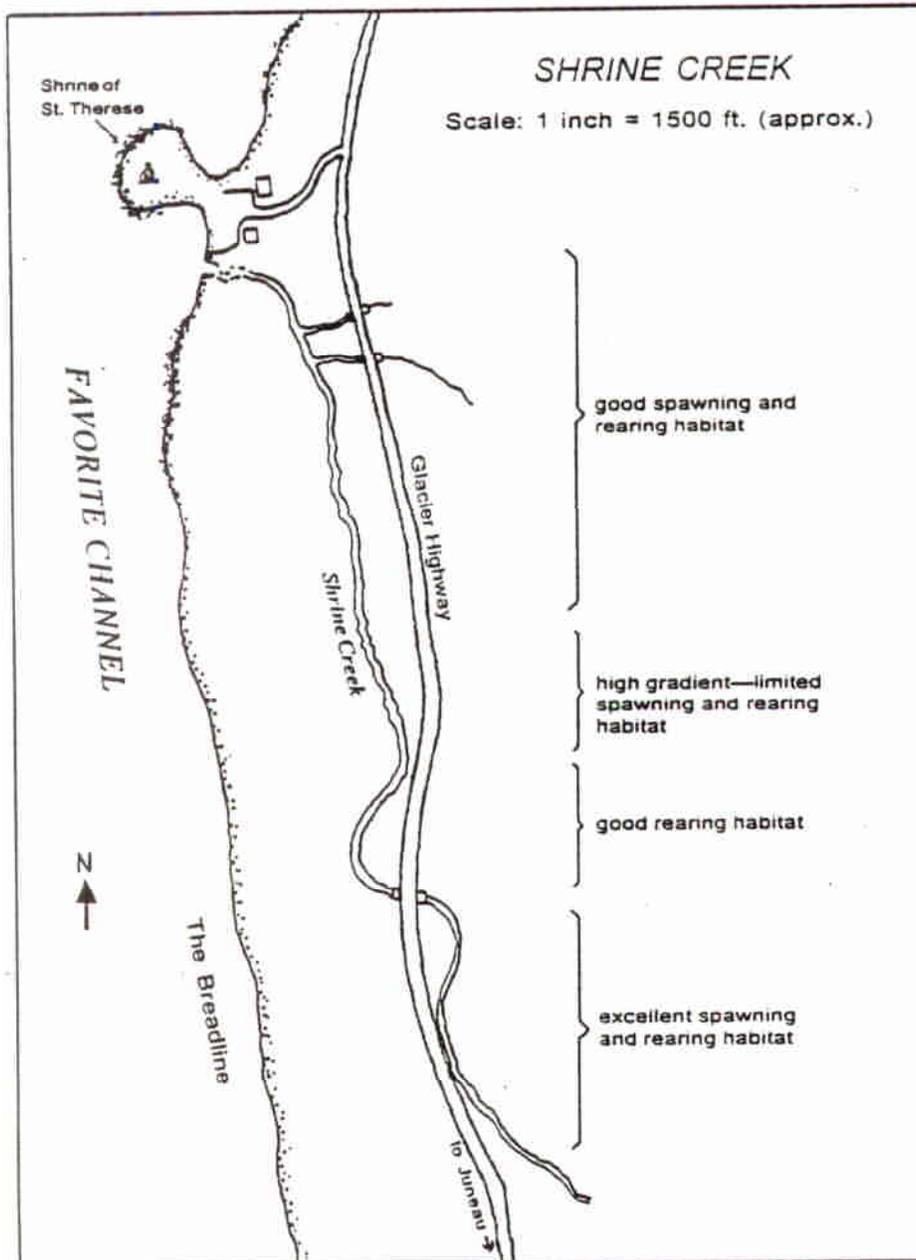


Figure 54.1 Shrine Creek.

Description

Shrine Creek originates in a valley west of Glacier Highway and about 1 mile north of Tee Harbor. It parallels Glacier Highway for about 2 miles, then crosses the highway and flows another 1½ miles before entering Favorite Channel immediately south of the Shrine of St. Therese (figure 54.1).

The upper stream has a higher gradient for 0.4 mile, then flattens out again in the lower reaches. From its mouth to Glacier Highway, the stream ranges from 6 to 10 feet wide and from 1 to 2 feet deep. Above the highway, the stream averages 3 feet wide with pools to 2 feet deep. The water is clear, with a slight brownish tint.

Fish Species Present

Shrine Creek has populations of coho and pink salmon, cutthroat trout, and Dolly Varden. The stream has not been stocked.

Juvenile fish trapping data collected at Shrine Creek are shown in table 54.1.

Escapement surveys were first conducted on this system in 1985; 707 pink salmon were counted in the lower stream on August 23, and an additional 150 were directly observed off the stream mouth.

Table 54.1. Juvenile fish trap data collected from Shrine Creek.

DATE	COHO	DV	CUTTHROAT
7/27/70	44	57	10
7/3,5,8/85	14	61	13
7/3,5,8/85	44	162	27

Fish Habitat

Prime spawning habitat is located above Glacier Highway. Some sections of good habitat are also found downstream from the highway. Streamside cover is typically dense salmonberry and blueberry brush with evergreen cover overhead. The stream has many under-

