ANADROMOUS WATERS CATALOG/ATLAS
CORRECTION FORM

CORRECTION TO: ATLAS X CATALOG _____

REGION: **SOUTHWEST**

MAP: 32 PORT MOLLER B-2

WATERWAY NUMBER: 282-10-11900-0010

DESCRIBE CHANGE(S): ADD REARING TO COHO IN RED COVE LAKE.

CHANGE REQUESTED BY : Edward W. Weiss / JIM McCULLOUGH 11/5/99
DATE

DRAFTED/DIGITIZED BY: R. Stone 2/4/00
DATE

REVISION CODE: B-2

NOMINATION NUMBER: ~~98-~~ 99 301

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

(Rev. 11/93)

MEMORANDUM

State of Alaska

DEPARTMENT OF FISH AND GAME

TO: Files

DATE: ~~January 6, 1999~~ August 6, 1997

FAX NO: 486-1841

Waterbody #: 282-10-11900-0010

TELEPHONE NO: 486-1813

FROM: Jim McCullough
Regional Resource and Development Biologist
Kodiak

SUBJECT: Red Cove-Popof Island Fish Samples

On 7 June 1997, Matt Ford and I sampled Red Cove Lake on Popof Island in the Shumagin Islands to add fish species information to the lakes data base (Honnold et al 1996). We sampled with a small mesh gillnet, minnow traps and by hook and line. The gillnet was fished near the lake outlet for about four hours. Six minnow traps were baited with commercial salmon eggs and initially fished long line fashion from the bottom of the lake to the surface in approximately 3 meter intervals in the deepest portion of the lake. The traps were set for one hour and no fish were caught. The minnow traps were moved to the southwest shore of the lake and fished in water of about 1 meter depth for two hours where fry were captured. Hook and line fishing occurred along the southwestern shore of the lake and produced two coho smolt.

Five large Dolly Varden were caught in the gillnet of which four are detailed:

Sex	Total Length	Mid-Eye-To-Fork Of-Tail Length	Total Weight	Gonad Weight	Stomach Contents Weight
Female	259 mm	245 mm	200.6 g	1.7 g	14.7 g full stomach of isopods
Female	253 mm	238 mm	194.4 g	1.9 g	4.1 g near empty stomach
Female	299 mm	281 mm	220.7 g	3.1 g	0.9 g near empty stomach
Unknown	252 mm	235 mm	207.1 g	None	20.6 g full stomach of isopods

Two coho smolt were caught on hook and line:

Total Length	Weight	Age	Remarks
138 mm	31.9 g	2.	Lots of parasites in stomach cavity
153 mm	39.8 g	2.	Lots of parasites in stomach cavity

One coho and ten Dolly Varden fry were caught in the minnow traps:
Coho fry length = 45 mm
Dolly Varden fry length = 29, 30, 31, 32, 33, 33, 37, 38, 39, 39 mm
Dolly Varden average length = 34 mm

No other fish were observed in the lake.

Honnold, S.G., J.A. Edmundson and S. Schrof. 1996. Limnological and fishery assessment of 23 Alaska Peninsula and Aleutian area lakes, 1993-1995: an evaluation of potential sockeye and coho salmon production. Alaska Department of Fish and Game, Commercial Fisheries Management and Development Division, Regional Information Report 4K96-52. Kodiak.

cc:	Wayne Donaldson	Rod Campbell	Arnie Shaul	Steve Honnold
	Steve Schrof	David Osterback	Denby Lloyd	James Brown

282-11
282-10
East Head
Range Island
Light
10010
3005
P
CO_s
Sand Point
Unga Reef
11800
Humbolt Harbor
2005
P_s
Seaplane Base
Sand Point
Landing Strip
0010
CO_r
Red Cove Lake
11900
DV_r, CO_r
Red Cove
POPOF
ISLAND
Little Egg Island
Egg Island
282-10
STRAIT
Hardscratch Point
282-10
Upper points document limits of fish surveys and usually not the extent of fish habitat.
(PORT MOLLER A-2)
SCALE 1:63360
CONTOUR INTERVAL 100 FEET
ROAD CLASSIFICATION
Unimproved dirt
ALASKA
QUADRANGLE