

# SOUTH K BEACH INDEPENDENT

RC 084

## FISHERMEN'S ASSOCIATION

P.O. Box 1632 Kenai, Alaska 99611-1632 (907) 283-5098

January 9<sup>th</sup>, 2014 *Protecting and Preserving the Kasilof River Aquarian System*

Alaska Board of Fisheries  
Board Support Section  
P.O. Box 115526  
Juneau, Alaska 99811-5526

RE: Kodiak Finfish Regulatory Meeting 01.07-10.14

**Support information on Proposal 45 and 5 AAC 39.166 Mandatory retention of prohibited salmon species by commercial trawl vessels for counting and sampling.**

Chairman Johnstone,

South K-Beach Independent Fishermen's Association (SOKI) is a fishing group established to inform and comment on specific effects of management and environmental actions on the area designated by stat area adjacent to the mouth of Kasilof River.

***Please review Fishery Manuscript No. 11-08, Genetic stock identification of Copper River Chinook salmon harvest, 2005-2008. Pages 20, 21, 37 & 38.***

With little information to reference on Chinook stock identification in Gulf of Alaska (GOA) State waters; this report gives a "snap shot" of the different mixed stock of king salmon harvests in proportion to their natal systems in the Prince William Sound region. Clearly, the Western GOA is very much within the migrating path of several Cook Inlet streams as well as the two monitored Kodiak king salmon systems (Ayakulik & Karluk Rivers) with established escapement goals.

This is an example of the Copper River area which should indicate a majority of the returns do in fact mingle in an around their "homing" zone. Filtering out the Copper River components it is plan to see that other strains of south central and Kodiak area Chinook are being impacted by other users outside of their normal management areas.

We continue to support a full monitoring of harvested stocks from all users groups in the GOA region which should include genetic stock identification in season.

We are available to assist you with any questions that an individual Board of Fisheries (BOF) member may have or for further explanation the Department does have access to the full report.

Thank you,



Christina A. Shadura

Group member of SOKI

**Fishery Manuscript No. 11-08**

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**Genetic stock identification of Copper River Chinook  
salmon harvest, 2005–2008**

**Report to the Alaska Board of Fisheries  
December 2011, Valdez, Alaska**

by

**William D. Templin,**

**Andrew W. Barclay,**

**Judith M. Berger,**

**Lisa W. Seeb,**

and

**Steven D. Moffitt**

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November 2011

Alaska Department of Fish and Game

Divisions of Sport Fish and Commercial Fisheries



Table 1.—Samples of Chinook salmon from the Gulf of Alaska in the population baseline used for mixed stock analysis of Copper River commercial harvests, 2005–2008.

Map Number	Reporting Group	Geographic Location	Population	<i>N</i>	Data Source
W Gulf of Alaska					
1		S Alaska Peninsula	Chignik River	46	1
2		Kodiak Island	Ayakulik River	124	1
3			Karluk River	66	1
Cook Inlet					
4		Susitna River	Deception Creek	98	1
5			Willow Creek	71	1
6			Deshka River	251	1
7			Prairie Creek	48	1
8			Talachulitna River	58	1
9		Kenai River	Crescent Creek	44	2
10			Kenai River Mainstem	300	2
11			Slikok Creek	61	2
12			Funny River	131	2
13			Killey River	160	2
14			Benjamin Creek	150	2
15			Crooked Creek	282	2
16		Kasilof River	Kasilof River	402	1
Upper Copper					
17		Copper River	Indian Creek	50	3
18			Bone Creek	78	3
19			Otter Creek	128	3
20			Sinona Creek	157	3
21			Chistochina River	133	3
Middle Copper					
22			Gulkana River	211	3
23			Mendeltna Creek	143	3
Lower Copper					
24			Kiana Creek	74	3
25			Manker Creek	61	3
26			Tonsina River	75	3
27			Tebay River	68	3
E Gulf of Alaska					
28		Situk River	Situk River	131	4
29		Alsek River	Blanchard River	369	5
30			Goat Creek	62	5
31			Klukshu River	241	4,5
32			Takanne River	196	5

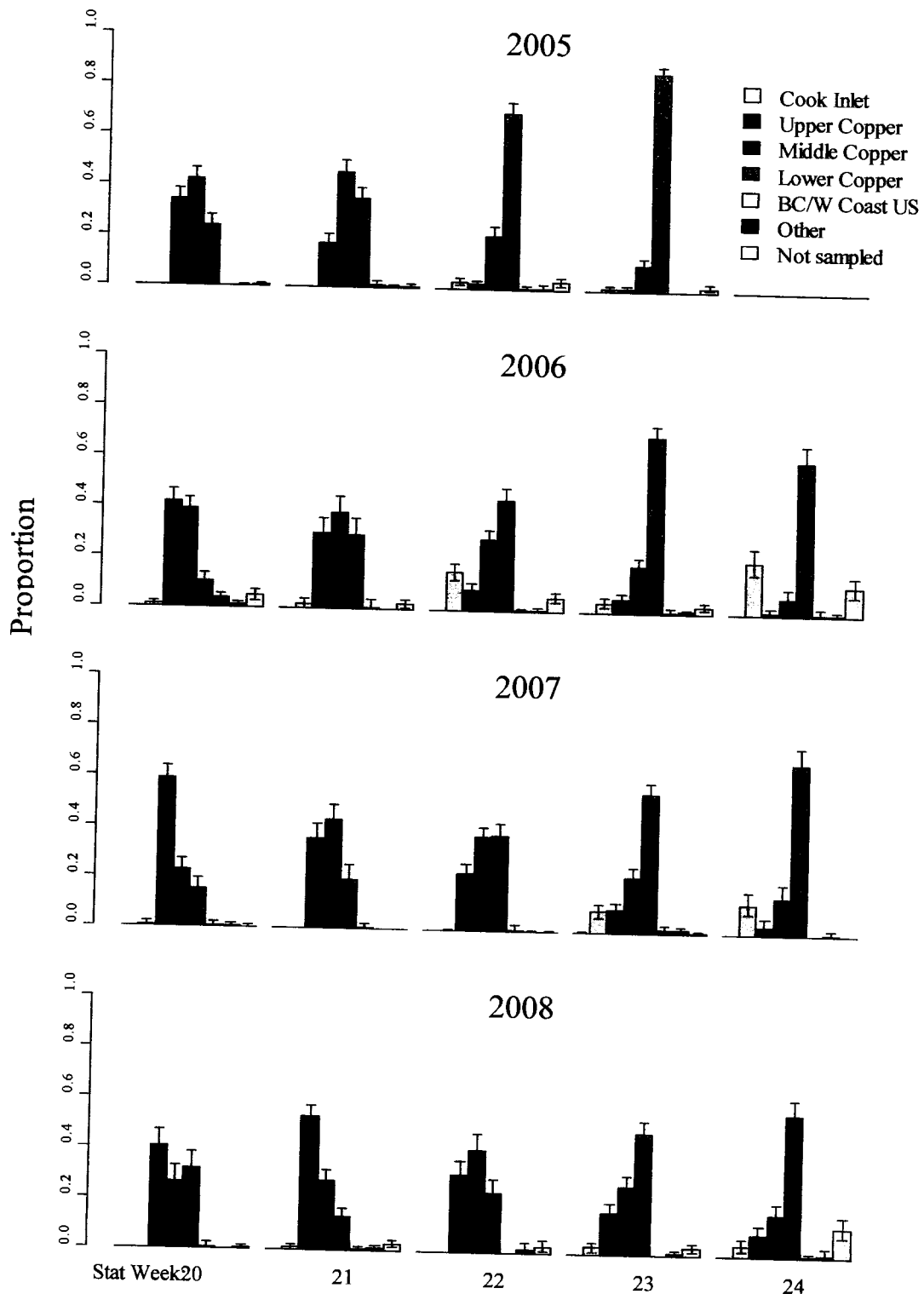
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Table 1.–Page 2 of 2.

Map Number	Reporting Group	Geographic Location	Population	<i>N</i>	Data Source
SE Alaska/Transboundary Rivers					
33		Chilkat River	Big Boulder Creek	144	4
34			Tahini Macaulay Hatchery	78	4,6
35			Tahini River	141	4
36			Kellsall River	154	6
37		King Salmon River	King Salmon River	144	4
38		Taku River	Dudidontu River	233	5
39			Kowatua River	294	4,5
40			Lower Tatsum River	688	4,5
41			Little Trapper River	74	5
42			Upper Nahlin River	141	4,5
43			Nakina River	434	4,5
44			Tatsamenie River	180	5
45		Stikine River	Andrew Creek	143	4,6
46			Andrew Crystal Lake Hatchery	207	6
47			Andrew Macaulay Hatchery	135	6
48			Andrew Medvejie Hatchery	178	6
49			Christina River	175	5
50			Craig River	100	5
51			Johnny Tashoots River	62	5
52			Little Tahltan River	128	4,5
53			Shakes Creek	176	5
54			Tahltan River	80	5
55			Verrett River	491	5
56		Chickamin River	Chickamin River	128	4,6
57			King Creek	138	4
58			Butler Creek	190	6
59			Leduc Creek	43	6
60			Humpy Creek	124	6
61			Chickamin Little Port Walter H.	220	6
62			Chickamin Whitman Hatchery	193	6
63		Unuk River	Clear Creek	142	4
64			Cripple Creek	142	4
65			Gene's Lake	93	6
66			Kerr Creek	151	6
67			Unuk Little Port Walter H.	150	6
68		Behm Canal	Keta River	205	4
69			Blossom River	190	6

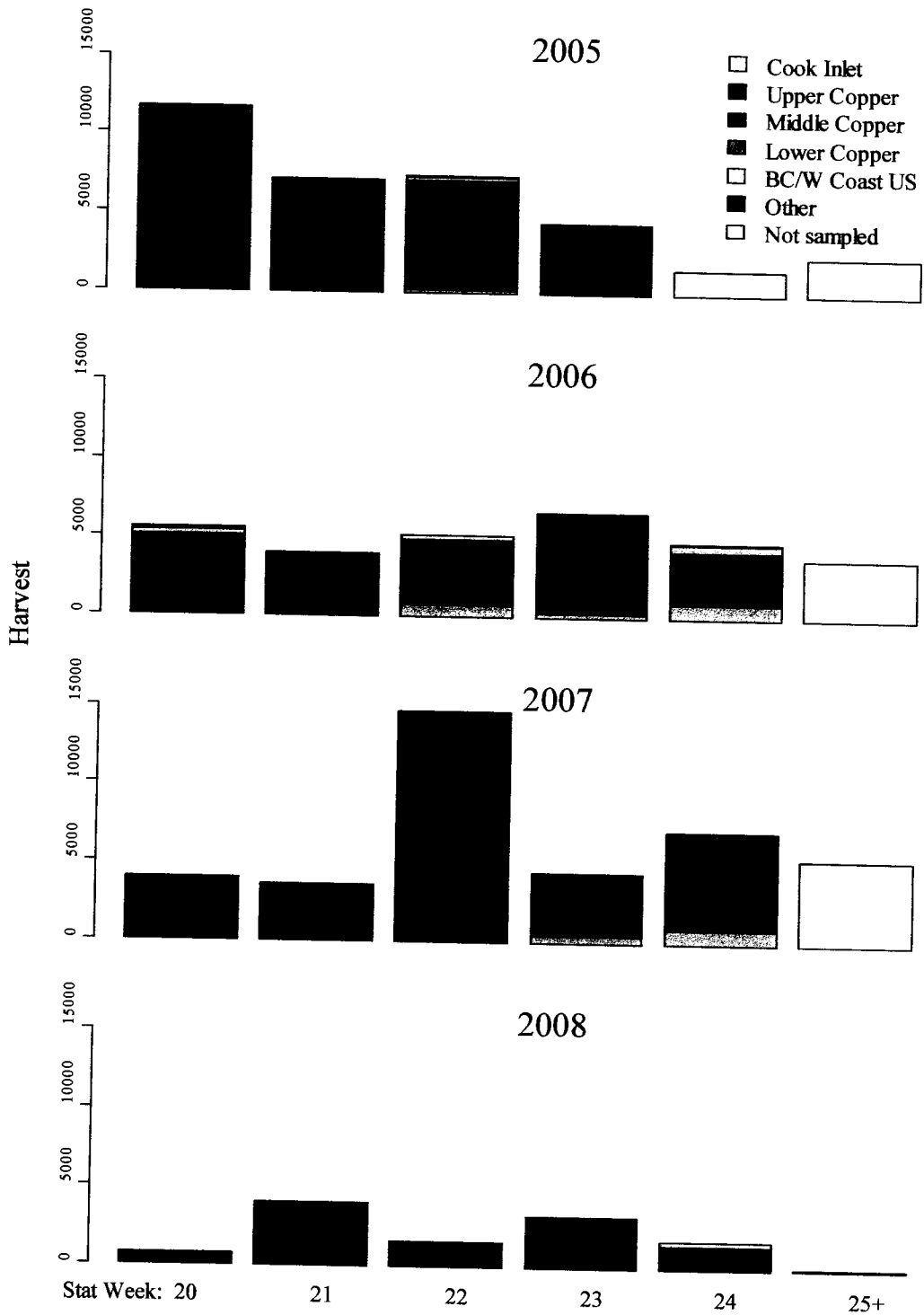
*Note:* Number of individuals representing the population (*N*) and the source of the information. The British Columbia/West Coast U.S. reporting group populations are not listed.

*Sources:* 1) this report, 2) Begich et al. (2010), 3) Seeb et al. (2009), 4) Seeb et al. (2007), 5) Beacham et al. (2010), and 6) Templin and Gilk-Baumer (2011).



Note: In 2008, statistical week 25 was combined with statistical week 24.

Figure 3.—Estimates of stock composition of weekly Chinook salmon harvest by reporting group for the Copper River commercial fishery, 2005–2008.



Note: Harvest numbers for periods not sampled for mixed stock analysis are provided for comparison. In 2008 statistical week 25 was combined with statistical week 24.

Figure 4.—Estimates of stock composition of the harvest of Chinook salmon in the Copper River District commercial fishery, 2005–2008.