

Memorandum

REF 90532

To : Jon La Faunce

Date: December 16, 1976

From : Department of Fish and Game - Siskiyou Fisheries Unit

Subject: Aerial Redd Counts; Shasta, Scott, and Salmon Rivers - 1976

On October 28, 1976, aerial redd counts were made on subject rivers. Viewing conditions were excellent, except for the Shasta River, which was murky. A second flight was scheduled for November 17, but was scratched because of weather.

As in the past, when I've made redd counts, I do not attempt to estimate total spawning population. There are too many assumptions and outright guesses involved. The results are summarized in the following tables.

<u>Scott River</u>	
<u>Area</u>	<u>Redds counted</u>
Callahan to Farmers Screen	river dry
Farmers Screen to Scott Valley Screen	7
Scott Valley Screen to Fort Jones	49
Fort Jones to Meamber Bridge	54
Meamber Bridge to Gauging Station	82
Gauging Station to Kelsey Creek	12
Kelsey Creek to Scott Bar	36
Scott Bar to Mouth	<u>33</u>
TOTAL	273

I consider this to be a very accurate count of the redds in the river when the count was made. With the low, clear water, open channel, and contrast between the redds and surrounding bottom every redd was quite visible.

<u>Shasta River</u>	
<u>Area</u>	<u>Redds Counted</u>
Dwinnell Reservoir to Big Springs Creek	5
Big Springs Creek	27
Mouth Big Springs Creek to IS Bridge	425
IS Bridge to Mouth	<u>238</u>
TOTAL	695

KLT-VI

Memorandum

To : Elton Bailey

Date: December 22, 1976

From : Department of Fish and Game - Region 1, Eureka

Subject: Aerial King Salmon Redd Counts Scott and Salmon Rivers

The following tables summarize the results of subject counts for the past three years.

<u>Scott River</u>		
1974	Oct. 25 446	Nov. 4 501
1975	Nov. 4 235	Nov. 12 599
1976	Oct. 28 273	

Salmon River		
1974	Oct. 25 58	Nov. 4 39
1975	Nov. 4 17	Nov. 12 14
1976	Oct. 28 162	

For comparison, attached is a copy of Roger's memo of November 4, 1976 with the Bogus Creek counts, estimates and explanations.

Don La Faunce
 Don A. La Faunce
 Assoc. Fishery Biologist *el*

DAL:cl

attachment