

# Memorandum

To : Region 3

Date: August 28, 1968

From : Department of Fish and Game ~ E. R. German

Subject: Suckers, Garcia River, Mendocino County

John Otterbein Snyder (The Fishes of the Streams Tributary to Tomales Bay, California) says that there were not either suckers or minnows in the Garcia River. Local residents claim that suckers appeared in the upper reaches of the Garcia 4 or 5 years ago and have spread to the mouth. They even claim that there are lots of suckers but few "trout".

On August 22 and 23 the population of fish in the Garcia River was sampled with a seine. Due to recent rains the water was muddy and this may have assisted in capturing fish with a seine. Mr. Leslie Stornetta claims that there are more larger sucker upstream farther and that they are the predominate fish present. It is interesting to note that no silver salmon were taken in the samples. Specimens of suckers were taken for identification.

Also found in the Garcia River were large numbers of crayfish that are obviously not native. These crayfish are large enough to be worthwhile catching for eating. This brings up the interesting point of whether it is legal to catch these if the stream is closed to all "fishing". Perhaps this should be opened.

Following is a record of fish taken by seining on August 22 and 23: Garcia River - just above Highway 1 bridge - August 22, 1968

<u>Seinehaul</u>	<u>SH</u>	<u>Stickleback</u>	<u>Sucker</u>	<u>Cottoid</u>	<u>Crayfish</u>
1	15		1	3	4
2	4	5	20	7	4
3	4	9	1	25	10
4	18	4	3	6	
5	17	1	3	16	
6	14	3	1	15	5
7	6	1	3	3	
8	30	5	12	7	8
9	17		17	6	3
10	8	1		8	
11	60	4	2	10	
12	42	10	6	17	
13	19	4	9	4	
14	21		1		2
15	23	5		5	
	298	52	79	132	36

Garcia River - just above Eureka Hill Bridge, August 23, 1968

Seinehaul	SH	Stickleback	Sucker	Cottoid	Crayfish
1		(no fish - river narrow and swift)			
2		"	"		
3	17	68	45	1	15
4	13	15	6		37
5	7 <sup>x</sup>	55	8	2	2
6	1	97	3	(snagged net - lost fish)	
7	13	2	2		
8	5	2	17		
9	3	144	14 <sup>o</sup>		
10		1	2		
11	5	57	27	2	3
12	5	39	12	1	2
13	5	17	40		5
14	15 <sup>xx</sup>	31	23 <sup>oo</sup>	3	
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Total	89	528	199	9	64

x - 1-8"

o - many only 1¼"

xx - 1-8"

oo - 1-12"

Eugene German

CC: Holman

EG / kw