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JAN 23 1980

Department of Fish & Eureka

Dear Don,

Sorry to take so long in getting back to you. You may not even remember, but I'm the guy who was electroshocking for trout in Redwood Cr. Park last August. You may recall our telephone conversation. I called to request permission to collect in the area. You then mentioned interest in the type of fishes we were collecting, particularly cutthroat and steelhead trout. Well I finally have something to report.

We collected in Little Lost Man Creek, Copper Cr., and Harry Weir Cr. We found only Salmo gairdneri in four sites on these creeks, and collected only one S. clarki individual (length 122 mm) in Little Lost Man Cr.

Site	Species	No. Collected	Density No./m ²	Biomass g/m ²
1) <u>Little Lost Man</u> , open to sunlight	<u>S. gairdneri</u> ^{rainbow}	160	1.02	4.53
	<u>S. clarki</u> cutthroat	1	.006	0.11
2) <u>Little Lost Man</u> shaded	<u>S. gairdneri</u> ^{BT}	89	0.64	2.43
3) <u>Copper Cr.</u> (clearcut)	<u>S. gairdneri</u> ^{BT}	100	0.95	4.06
<u>Harry Weir</u> (old-growth)	<u>S. gairdneri</u> ^{BT}	14	0.16	1.20

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From the data you might notice that the open, unshaded sites have greater density and biomass. We've corroborated this pattern in over 40 streams in Oregon.

I thank you for your help in making our sampling in your area a success. I hope to get back to the area for further work. There are many problems and great interest in fisheries in your area.

By the way, I'd like to take this opportunity to inquire about employment opportunities in the Arcata area. I've recently completed my Masters in Fisheries at OSU and have moved to northern Calif., near Weaverville. My wife works there in the USFS as silviculturalist trainee. I've been trying to get a fisheries-type job in this area to no avail. My next best hope is to get a short term position in Arcata -- something for about 3-6 months -- I'd hate to leave my wife for any longer. I was just wondering if you knew of anything at all like that ~~that~~ that might be happening with Cal Fish and Game within about 60 miles of Weaverville? I would greatly appreciate any help you could give me.

Best Wishes,

Mike Murphy

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