

September 29, 1944 #1

WKL44-09-29-01

Secured the Rio la Santa between Mellano and Palcaipio creeks. (closer to the latter).

This collection was made along the region covered last night.

Secured 8:00-9:00 AMST. A. 50 W 56 9:00 AM.

Weather partly cloudy clearing. It has been a lovely fall day although cool to sit around weighing rich while damp. Strong SW winds overhead in morning, now down in the valley. Temperatures are dropping fast. The river was frozen this morning. Expect more tonight.

Data on morning collection:

No.	S L.	T L.	wt.
1-	97 —	119 —	12.7
2	113 —	135 —	21.8
3	84 —	98 —	8.1
4	98 —	117 —	13.4
5	97 —	116 —	13.1
6	120	144	23.7
7	134	160	34.0
8	109	130	18.2
9	116	137	20.9
10	96 <sup>v</sup>	114 <sup>v</sup>	12.5
11	124	148	25.4
12	128	153	30.8
13	120	142	23.3

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14	-	108	127	17.1
15		123	148	27.5
16		119	143	25.9
17		144	167	40.8
18		140	167	36.6
19		127	151	30.3
20		149	178	45.8
21		148	177	47.8
22		148	177	45.3
23		149	179	50.9
24		175	206	75.5
25		156	185	60.6

The following were taken in the afternoon 12:30-1:30 ST.  
All the larger trout came from the beaver dam just  
below Polioarpis creek. The young came from the beaver pool  
and a section downstream.

26	71	85	5.5
27	148	176	47.8
28	124	148	27.6
29	118	140	23.4
30	121	144	25.4
31	117	140	22.6
32	107	127	17.5
33	99	118	13.0
34	109	129	17.0

Has pop-eye. tail  
is frayed (Kipra's?)

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35	113	135	19.4
36	109	130	18.1
37	87	105	9.2
38	96	116	12.5
39	87	97	8.2
40	78	92	6.1

The following young were measured (T.L. only) with the vernier calipers. They were divided into size groups (30.1-35.0 mm; 35.1-40.0; 40.1-45.0; 45.1-50.0) by sorting into vials of fresh water and they weighed ~~by~~ after first rough drying them.

No.	T.L.	
41	37.0	57 - 37.7
42	41.4	58 - 35.0
43	36.3	59 - 34.9
44	36.6	60 - 31.6
45	40.0	61 - 33.6
46	34.8	62 - 34.0
47	46.0	63 - 34.6
48	44.7	64 - 38.9
49	42.2	65 - 43.5
50	45.6	66 - 38.5
51	45.0	67 - 37.3
52	44.7	68 - 36.6
53	42.0	69 - 41.3

54	43.5
55	46.3
56	47.3

Cats.	30-35 mm	7 spec.	1.9 gr.
	35-40	9 "	3.4
	40-45	9	5.3
	45-50	4	2.9

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Some data on Rio la Santa.

Elevations taken as close together as possible:

at mouth: 8670  
at Duran Cr. 8790  
at Brellan Cr. 8875  
at Polcarpio ~~8975~~  
at Gate 9025

Mileage - at mouth	15,924.3	Mouth	0
at Duran Cr.	6.3	to	2.0
at Brellan Cr.	7.1		2.8
at Polcarpio	8.1		3.8
at gate	8.7		4.4