

WJK49-04-16-01

April 16, 1949

Drainage-Rio Grande Locality-New Mexico, Sandoval County
Jemez Creek, 1/2-3 miles above mouth of Guadalupe Creek
Elev.- Date-April, 16, '49 Collector-W.J.K. & K. R. Coburn
Size

Temp. Air-50 Water-43 Time-17:05 Weather- Condition-high Fluctuation
Water- WT Current-very str. Bottom-r, bo., st.
Vegetation-abs.
Shore-canyon, cottonwood Watershed-P.J.
Capture Method-6 & 10 ft S. Time-900-1715
Dist. from shore--0-10 ft. Depth--0-3 ft Orig. Pres.
Remarks:

Stream high, with 4-5 times normal flow. Was about 1 foot deeper in recent days. Current very strong. It was not possible to cross the stream with any degree of safety if at all. Only backwaters could be worked and a few small riffles along the edge or in side channels.

Salmo trutta
along edges in small eddies.

Salmo gairdnerii irideus

Pantosteus plebius
yg. in quiet backwaters, ads in backwaters but near edges of fast water. Were easier to capture than at any other time. Apparently they were forced out of the riffles and more or less concentrated in these areas.

Gila nigrescens
in quiet areas. Some were land locked by a falling water level.

Rhinichthys cataractae transmontanus
rather generally scattered but the adults were mostly in or near the small riffles which were scarce.

~~Jemez Creek, 2-3 miles above mouth of Guadalupe Creek.~~

Pantosteus plebius

~~443 603 1530~~

No.	Tag. No.	S.L.	T.L.	Remarks:
1	300	124	153	♀ ripe
2	110	57	68	
3	281	36	44	
4	432	141	166	♀ ripe
5	458	39	49	
6	444	32	38	
7	302	110	132	♂. ripe, tuberculata

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#2

No.	Tag No.	S.L.	T.L.	Remarks:
8	406	112	133	<i>or ripe, tuberculate</i>
9	446	33	41	
10	280	51	64	
11	430	44	54	
12	313	46	57	
13	78	53	65	
14	61	37	45	
15	269	40	50	
16	315	39	48	
17	289	41	51	
18	291	38	47	
19	261	40	49	
20	311	104	122	
21	319	89	109	
22	312	86	105	
23	309	38	47	
24	290	92	112	
25	98	39	48	
26	283	33	42	
27	274	84	102	
28	3	41	50	
29	150	49	61	
30	33	53	65	
31	295	44	55	
32	193	35	43	
33	80	93	113	
34	177	92	114	
35	277	85	104	

April 16, 1949
#3

No.	Tag No.	S.L.	T.L.	Remarks:
36	284	129	153	
37	296	43	53	
38	272	49	60	
39	287	75	93	
40	262	90	107	
41	305	77	96	
42	285	29	36	
43	282	38	47	
44	128	82	110	
45	143	97	117	<i>or ripe</i>
46	35	80	98	
47	299	41	51	
48	292	67	83	
49	286	54	66	
50	273	100	121	
51	276	53	64	
52	271	34	42	
53	322	46	56	
54	264	40	49	
55	422	55	68	
56	303	45	56	
57	321	40	49	
58	27	42	52	
59	275	40	49	
60	109	32	40	
61	44	50	61	
62	270	80	97	
63	142	82	100	
64	42	33	42	

✓
April 16, 1949

#4

No.	Tag No.	S.L.	T.L.	Remarks:
65	317	85	102	
66	426	95	116	
67	450	112	140	♂ ripe
68	417	118	142	
69	409	148	176	♂ ripe
70	451	121	146	♂ ripe
71	460	152	177	
72	441	74	90	
73	428	91	108	
74	443	92	112	
75	427	87	108	
76	418	122	144	♂ ripe
77	410	101	120	♂ ripe
78	403	92	110	
79	416	94	115	♂ ripe
80	436	102	122	♂ ripe
81	402	99	118	♂ ripe
82	429	80	99	♂ ripe
83	423	91	111	
84	455	127	151	♀ ripe
85	412	44	55	
86	411	85	103	
87	425	124	148	♂ ripe
88	440	136	160	♂ ripe

May 29, 1952 #4

N.M., Sandoval Co., Lerma Cr., 1/2 ~~mi~~ miles above
mouth of Guadalupe Cr.

April 16, 1949

W. K. K. R. Cotnam:

(Collection sheet in file indicates collection
already catalogued from 1/2 mile to 3 miles above.)

Pantostus plebeus (B. & G.)

39 yg - ad. 35 - 123 msc.
some tuberculata

Rhinichthys cataractae transmontanus Cope

30 yg - ad. 31 - 77 msc.

Gila nigrescens (G.)

32 yg - ad. 37 - 135

March 10, 1950

R.M., Sandoval Co., Jemez Creek 1/2-3 miles above
mouth of Guadalupe creek.

April 16, 1949

W. S. K., K. P. Coburn

Salmo trutta L.

1 ad. 145 mm SL.

Salmo gairdnerii irideus Bennett

1 ad. 180 mm SL.

Pantosteus plebeius (B & G)

309 yg-ad 25-146 mm SL.

Rhinichthys cataractae transmontana Cope

273 yg-ad. 27-80 mm SL.

Gila nigricans (G)

100 yg-ad. 28-124 mm SL.

Hybrid Gila nigricans x Rhinichthys cataractae transmontana

1 juv 41 mm SL.

Pimephales promelas confertus

8 yg-ad. 23-44 mm SL.
