

May 28, 44 #1

Fished the Rio Pueblo, ^{1-2 miles} below mouth of Rio de Santa. All fish caught by angling, no. 12 hook and worms. All fish captured were sexed. Specimens were measured at time of capture and examined for ripeness. Several males but no females were ripe. Ranibaws were more ripe than cut-throats. The specimens identified as hybrids with question marks look like hybrids back-crossed with cut-throat, i.e. they looked more like ~~the~~ cut-throats but were not typically so, having some ranibaw features. An interesting ranibaw was taken. It had the left maxilla included as do so many of cut-throats in this stream system. Is this a genetic defect ^{or} ~~an~~ ^a ~~look inquiry~~ environmental? If the latter why is the left maxilla malformed so much more frequently than the right?

Specimens were kept in moist grass in a creek from time of capture until they were re-examined. All were in good condition as temperatures were cool. Weights, measurements and sex determinations were made between 6:30 and 7:30 P.M. without reference to the original measurements. There were two specimens labeled as "21" but ^{they} could be

May 28, 44 #2

distinguished because one was a ripe male (observed in field) the other was a female. Head and viscera of large trout preserved, remainder preserved entire.

No.	Field Ident.	Time of capture	T.L. at capture	lengths later S.L. T.L.	Wt.	Sex.	Remarks
1	CT	8:00 AM.	187	155 182	54.5	♀ ad	
2	CT	8:05	200	166 198	78.4	♂ ad.	barely ripe.
3	CT x RT??	8:10	148	122 144	32.9	♂ ad.	
4	RT	8:15	150	125 149	24.1	♀ juv.	Condition poor.
5	CT	8:20	175	147 173	45.8	♂ ad.	barely ripe.
6	CT	8:25	190	156 185	57.1	♂ ad.	left maxilla included, barely ripe.
7	CT.	8:30	200	165 199	74.4	♀ ad.	right max. included.
8	CT	8:35	166	138 163	40.3	♀ juv.	
9	CT x RT	8:50	126	107 126	16.7	♀ juv.	
10	CT	9:00	199	165 195	75.4	♂ ad.	
11	RT.	9:05	168	134 156	38.3	♂ ad.	very ripe
12	CT	9:10	240	202 236	127.6	♂ ad.	barely ripe, left max. incl.
13	CT x RT	9:15	192.5	160 192	67.1	♀ ad.	
14	CT	9:25	192	161 189	71.8	♀ ad.	
15	CT.	9:30	212	178 210	87.8	♂ ad.	