

Multi-year fish community sampling

SCP-04-99

Fish Sampling Equipment

1. Study Unit Y.E.L.L.

2. Date 09-08-99
Month Day Year

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3. Station Name Claris Fork Yellowstone @ Eden

4. Station Identification Number 06208500

5. Investigators

Peterson, Newhouse, Baughen, Vaughn (MFWP), Hergenrider (MFWP)

6. Reach Conditions

7. Reference Location

Latitude deg min sec Longitude deg min sec

8. Reach Length 300 m

9. Water Quality: Conductivity

Temperature Dissolved oxygen

10. Sampling gear:

ELECTROFISHING (CODE)

 BACKPACK-First Pass (11A)

Model Output voltage Seconds
Beginning Time Ending Time

 BACKPACK-Second Pass (11B)

Model Output voltage Seconds
Beginning Time Ending Time

X TOWED-First Pass (12A)

Model Output voltage 400 Seconds
6 Amps Beginning Time 10:15 Ending Time 11:00

 TOWED-Second Pass (12B)

Model Output voltage Seconds
Beginning Time Ending Time

 BOAT-First Pass (13A)

Model Output voltage Seconds
Beginning Time Ending Time

 BOAT-Second Pass (13B)

Model Output voltage Seconds
Beginning Time Ending Time

SEINING (CODE)

X HAUL (21A)

Number of 3 Beginning Time 10:30 Ending Time 11:00

 KICK (22A)

Number of Beginning Time Ending Time

X BEACH (23A)

Number of 2 Beginning Time 10:30 Ending Time 11:00

GILL NETTING (CODE)

 EXPERIMENTAL (31A)

Number of Beginning Time Ending Time

HOOP NETTING (CODE)

 (41A)

Number of Beginning Time Ending Time

ADDITIONAL METHODS (CODE)

 (method 1) (51A)

Number of Beginning Time Ending Time

COMMENTS:

6 amps, 400 volts, time = 1866

Caught lots of small fry with the seine.

mix of approx 300 juvenile fish by seine, same species.

Fish Species

1. Study Unit YELL 2. Date 07-09-99 Page 2 of 4
 Clarks Fork 16/16-stone Month Day Year
 River at Edgar
 3. Station Name Tongue of Water 4. Station Identification Number 06208500
 5. Investigators Petersen, DeWeese, Boughton, Knight (MFWP)
 6. Taxonomic Specialist _____ 7. Sampling gear code _____

SPECIES	TOTAL LENGTH	STANDARD LENGTH	WEIGHT	ANOMALIES	NUMBER
white fish	281	240	207.9	AA	
"	282	246	198		
white sucker	424	364	950		
"	400	337	1000		
redhorse	415	340	950		
"	446	352	1100		
white sucker	382	325	700	deformed scales, lesions, peduncle fin	
longnose sucker	265	212	700	AA	
white fish	122	106	18.6		
"	372	308	42.9		
"	349	289	377		
"	221	180	94.8		
"	209	176	83.2		
"	215	177	78.4		
"	202	171	84.2		
"	190	161	64.7		
"	207	171	79.4		
"	210	180	88.7		
"	197	166	64.1		
"	185	155	57.5		
longnose sucker	347	302	401	eroded fin	
"	316	280	350	AA	
"	364	313	550		
"	322	273	349		
"	310	259	285		
"	281	240	213		
white sucker	306	259	323		
longnose sucker	194	166	78.8		
"	254	221	160		
"	349	296	376		
"	342	295	413	deformed fin	
"	227	205	130	AA	

Fish Species

1. Study Unit YELL 2. Date 09-¹⁰09-22 Page 4 of 4
 Clarks Fork Yellowstone Month Day Year
 3. Station Name River at Edgar 4. Station Identification Number 05208500
 5. Investigators Peterson, DeWeese,
 6. Taxonomic Specialist _____ 7. Sampling gear code _____

SEINE CATCH ON THIS SHEET

SPECIES	TOTAL LENGTH	STANDARD LENGTH	WEIGHT	ANOMALIES	NUMBER
<u>large rose dace</u>					<u>2</u>
<u>hybrid yellow perch / flathead chub</u>					<u>5</u>
<u>catostomus</u>					<u>19</u>

Above fish are subsample of about 300 small fish
 captured in three seine hauls