



中國文化大學土地資源學系
Department of Natural Resources
Chinese Culture University

台北市 11192 陽明山華岡路 55 號
55 Hwa Kang Road, Taipei, Taiwan 11192

電話：(02) 2862-7335
Telephone: +886-2-2862-7335

電子信箱：barnes@faculty.pccu.edu.tw
E-mail: markdonaldbarnes@yahoo.com

28 December 2004

Ken McDonald, Special Projects Supervisor
Montana Department of Fish, Wildlife and Parks
1420 East Sixth Avenue
P.O. Box 200701
Helena, MT 59620-0701

Dear Ken:

This is a report on fish collections I made under Scientific Collector's Permit No. SCP-03-04 during 2004. Collections were made at 20 sites in Upper Sevenmile Creek, Dawson County, Montana, during the period 23 July to 14 August 2004. Site location data are given in Table 1.

Capture-removal estimates were made at each site using block nets and seines; minnow traps were used to semi-quantitatively sample several spring holes where sediment was too deep to permit wading. All fish were identified, counted, and released live at the site of collection. Species and numbers collected are given in Table 2.

Thank you for issuing this permit! I'm preparing a more detailed report of my 2004 Upper Sevenmile Creek fish community studies for Brad Schmitz in Miles City and will send a copy to your office upon its completion.

Sincerely,

Mark D. Barnes
Associate Professor

cc: Brad Schmitz

Table 1. Locations of fish sampling sites in Upper Sevenmile Creek, Montana, 2004.

Site No.	County	Township	Range	Section	Latitude	Longitude	Date
1	Dawson	15N	55E	4	47°05'26"	104°45'16"	8/14/2004
2	Dawson	16N	55E	33	47°05'41"	104°45'41"	8/13/2004
3	Dawson	16N	55E	32	47°06'06"	104°47'28"	8/11/2004
4	Dawson	16N	54E	36	47°05'43"	104°48'56"	8/04/2004
5	Dawson	16N	54E	36	47°05'49"	104°49'07"	8/04/2004
6	Dawson	16N	54E	36	47°05'49"	104°49'21"	8/03/2004
7	Dawson	16N	54E	36	47°05'49"	104°49'31"	8/03/2004
8	Dawson	16N	54E	35	47°06'05"	104°50'46"	7/30/2004
9	Dawson	16N	54E	35	47°05'59"	104°50'59"	7/30/2004
10	Dawson	16N	54E	34	47°06'16"	104°51'33"	7/27/2004
11	Dawson	16N	54E	34	47°06'23"	104°51'50"	7/27/2004
12	Dawson	16N	54E	28	47°06'40"	104°53'02"	7/23/2004
13	Dawson	16N	54E	28	47°06'40"	104°53'22"	7/23/2004
14	Dawson	16N	54E	28	47°06'51"	104°53'26"	7/26/2004
15	Dawson	16N	54E	28	47°06'55"	104°53'55"	7/26/2004
16	Dawson	16N	52E	28	47°12'15"	105°06'28"	8/10/2004
17	Dawson	17N	50E	16	47°13'42"	105°13'01"	8/06/2004
18	Dawson	17N	50E	16	47°13'37"	105°13'14"	8/06/2004
19	Dawson	17N	50E	16	47°13'37"	105°13'41"	8/09/2004
20	Dawson	17N	50E	13	47°13'44"	105°17'53"	8/09/2004

Table 2. Species and numbers of fishes collected in Upper Sevenmile Creek, Dawson County, Montana, 23 July-14 August 2004.

Common Name	Scientific Name	Number/Site ¹																				
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	Σ
goldeye	<i>Hiodon alosoides</i>	1	1																			2
common carp	<i>Cyprinus carpio</i>	2																				2
western silvery/ plains minnow	<i>Hybognathus argyritus/ placitus</i>	3																				3
brassy minnow	<i>Hybognathus hankinsoni</i>		11		29				1						1							42
emerald shiner	<i>Notropis atherinoides</i>	1	6																			7
sand shiner	<i>Notropis stramineus</i>	3	15	83	23																	124
fathead minnow	<i>Pimephales promelas</i>		30	195	48							14	8	1								296
flathead chub	<i>Platygobio gracilis</i>	19	9																			28
longnose dace	<i>Rhinichthys cataractae</i>	66	34	1												2						103
creek chub	<i>Semotilus atromaculatus</i>	6	14	5	63				3	9	1	65	23	118	90	82						479
white sucker	<i>Catostomus commersoni</i>	35	62	12	36				1		1	1	8	31	31	127						345
smallmouth buffalo	<i>Ictiobus bubalus</i>	12																				12
river carpsucker	<i>Carpionodes carpio</i>		2																			2
stonecat	<i>Noturus flavus</i>	2	1																			3
black bullhead	<i>Ameiurus melas</i>	1	2		2					1931				12								1948
yellow bullhead	<i>Ameiurus natalis</i>	2																				2
channel catfish	<i>Ictalurus punctatus</i>		2																			2
northern pike	<i>Esox lucius</i>									2												2
burbot	<i>Lota lota</i>		1																			1
plains killifish	<i>Fundulus zebrinus</i>		1	39			38		3													81
green sunfish	<i>Lepomis cyanellus</i>				5											10						15
TOTAL (Σ)		153	191	335	206	0	38	0	8	1942	2	80	39	162	122	221	0	0	0	0	0	3499

Montana Department of Fish, Wildlife and Parks

FISHERIES DIVISION

1420 East Sixth Avenue, Helena, MT 59620

REPORT OF FISH TAKEN UNDER A SCIENTIFIC COLLECTOR'S PERMIT -- 2004
Year

FAILURE TO REPORT THIS INFORMATION BY FEBRUARY 15 OF THE FOLLOWING PERMIT YEAR
MAY RESULT IN PERMIT REVOCATION

Instructions: Return completed form to MDFWP at the above address. Column No. 5: "Time of Year" use the following codes: 1=Jan Feb Mar; 2=Apr May Jun; 3=Jul Aug Sep; 4=Oct Nov Dec Column No. 6: "Water and Location" include County and Nearest Landmark.					
Licensee's Name Mark D. Barnes				E-mail: markdonaldbarnes@yahoo.com Telephone No. & Area Code +886-2-2872-3884	
Street Address Department of Natural Resources, Chinese Culture University, Hwa Kang, Yang Ming Shan					
City Taipei			Province Taiwan (R.O.C.)		Zip Code 11192
1 Species Taken	2 Approximate Number Taken	3 Size Range Inches	4 Gear Used	5 Time of Year	6 Water and Location
goldeye	2	<6	seines	3	Upper Sevenmile Creek (See attachment.)
common carp	2	< 6	seines	3	Upper Sevenmile Creek (See attachment.)
western silvery/ plains minnow	3	< 6	seines	3	Upper Sevenmile Creek (See attachment.)
brassy minnow	42	< 6	seines	3	Upper Sevenmile Creek (See attachment.)
emerald shiner	7	< 6	seines	3	Upper Sevenmile Creek (See attachment.)
sand shiner	124	< 6	seines	3	Upper Sevenmile Creek (See attachment.)
fathead minnow	296	< 6	seines	3	Upper Sevenmile Creek (See attachment.)
flathead chub	28	< 6	seines	3	Upper Sevenmile Creek (See attachment.)
longnose dace	103	< 6	seines	3	Upper Sevenmile Creek (See attachment.)
creek chub	479	< 6	seines	3	Upper Sevenmile Creek (See attachment.)
smallmouth buffalo	12	<6	seines	3	Upper Sevenmile Creek (See attachment.)
white sucker	345	<6	seines	3	Upper Sevenmile Creek (See attachment.)
river carpsucker	2	<6	seines	3	Upper Sevenmile Creek (See attachment.)
plains killifish	81	<6	seines	3	Upper Sevenmile Creek (See attachment.)
stonecat	2	< 6	seines	3	Upper Sevenmile Creek (See attachment.)
black bullhead	1948	< 6	seines	3	Upper Sevenmile Creek (See attachment.)
yellow bullhead	2	< 6	seines	3	Upper Sevenmile Creek (See attachment.)
channel catfish	2	<6	seines	3	Upper Sevenmile Creek (See attachment.)
northern pike	2	9-12	seines	3	Upper Sevenmile Creek (See attachment.)
burbot	1	<6	seines	3	Upper Sevenmile Creek (See attachment.)
green sunfish	14	< 6	seines	3	Upper Sevenmile Creek (See attachment.)

