

Montana Department of Fish, Wildlife and Parks
Fisheries Division
P.O. Box 200701 Helena, MT 59620

REPORT OF FISH TAKEN UNDER A SCIENTIFIC COLLECTORS PERMIT

Permit No 14-2007 YEAR 2007

Name: Alexander Zale (Benjamin J. Goodman) Affiliation: MT Cooperative Fishery Research Unit
Address: 301 Lewis Hall, Montana State Univ. City: Bozeman
State/Zip: MT/59717 Phone: (406) 994-6643

INSTRUCTIONS: Complete all columns for each species at each collection site. For each collection location, indicate lat-long or UTM coordinates, or provide location to nearest ¼ - ¼ section. Lat/Long in decimal degrees is preferred.

Collection Date	Species Collected (Common Name)	No. Captured	No. Kept	Water Name Where Fish Collected	Collection Method (Gear)	Min Length (mm)	Max Length (mm)	Avg Length (mm)	Avg Weight (gm)	Township UTM N Lat	Range UTM W Long	Section or or	¼ ¼ Sec
6/2/2007	unidentified larvae	2	2	Missouri River	Drift Nets	n/a	n/a	n/a	n/a	12 T 0538615	5308610		
6/3/2007	unidentified larvae	27	27	Marias River	Drift Nets	n/a	n/a	n/a	n/a	12 T 0537508	5308179		
6/3/2007	unidentified larvae	1	1	Teton River	Drift Nets	n/a	n/a	n/a	n/a	12 T 0536577	5308746		
6/5/2007	unidentified larvae	23	23	Marias River	Drift Nets	n/a	n/a	n/a	n/a	12 T 0537471	5308385		
6/5/2007	unidentified larvae	20	20	Missouri River	Drift Nets	n/a	n/a	n/a	n/a	12 T 0538683	5308603		
6/6/2007	unidentified larvae	151	151	Marias River	Drift Nets	n/a	n/a	n/a	n/a	12 T 0530852	5311419		
6/6/2007	unidentified larvae	3	3	Teton River	Drift Nets	n/a	n/a	n/a	n/a	12 T 0536578	5308749		
6/7/2007	unidentified larvae	93	93	Marias River	Drift Nets	n/a	n/a	n/a	n/a	12 T 0537508	5308179		
6/7/2007	unidentified larvae	13	13	Missouri River	Drift Nets	n/a	n/a	n/a	n/a	12 T 0537935	5307663		
6/9/2007	unidentified larvae	51	51	Marias River	Drift Nets	n/a	n/a	n/a	n/a	12 T 0537508	5308179		
6/9/2007	unidentified larvae	20	20	Missouri River	Drift Nets	n/a	n/a	n/a	n/a	12 T 0538688	5308599		
6/10/2007	unidentified larvae	40	40	Marias River	Drift Nets	n/a	n/a	n/a	n/a	12 T 0530813	5311355		
6/13/2007	unidentified larvae	3	3	Marias River	Drift Nets	n/a	n/a	n/a	n/a	12 T 0537508	5308179		
6/13/2007	unidentified larvae	13	13	Missouri River	Drift Nets	n/a	n/a	n/a	n/a	12 T 0538699	5308596		
6/14/2007	unidentified larvae	52	52	Marias River	Drift Nets	n/a	n/a	n/a	n/a	12 T 0530858	5311439		
6/17/2007	unidentified larvae	78	78	Marias River	Drift Nets	n/a	n/a	n/a	n/a	12 T 0537508	5308179		
6/17/2007	unidentified larvae	41	41	Missouri River	Drift Nets	n/a	n/a	n/a	n/a	12 T 0538731	5308594		
6/17/2007	Scaphirhynchus larvae	7	7	Missouri River	Drift Nets	n/a	n/a	n/a	n/a	12 T 0538731	5308594		
6/19/2007	unidentified larvae	120	120	Marias River	Drift Nets	n/a	n/a	n/a	n/a	12 T 0530871	5311436		
6/20/2007	unidentified larvae	64	64	Marias River	Drift Nets	n/a	n/a	n/a	n/a	12 T 0537508	5308179		
6/20/2007	unidentified larvae	18	18	Missouri River	Drift Nets	n/a	n/a	n/a	n/a	12 T 0538731	5308588		
6/20/2007	Scaphirhynchus larvae	1	1	Missouri River	Drift Nets	n/a	n/a	n/a	n/a	12 T 0538731	5308588		
6/21/2007	unidentified larvae	87	87	Marias River	Drift Nets	n/a	n/a	n/a	n/a	12 T 0530867	5311404		
6/24/2007	unidentified larvae	56	56	Marias River	Drift Nets	n/a	n/a	n/a	n/a	12 T 0537538	5308186		
6/24/2007	unidentified larvae	13	13	Missouri River	Drift Nets	n/a	n/a	n/a	n/a	12 T 0538718	5308601		
6/26/2007	unidentified larvae	106	106	Marias River	Drift Nets	n/a	n/a	n/a	n/a	12 T 0530867	5311404		
6/28/2007	unidentified larvae	51	51	Marias River	Drift Nets	n/a	n/a	n/a	n/a	12 T 0530867	5311404		
6/29/2007	unidentified larvae	42	42	Marias River	Drift Nets	n/a	n/a	n/a	n/a	12 T 0537508	5308179		
6/29/2007	unidentified larvae	31	31	Missouri River	Drift Nets	n/a	n/a	n/a	n/a	12 T 0537974	5307741		
7/2/2007	unidentified larvae	71	71	Marias River	Drift Nets	n/a	n/a	n/a	n/a	12 T 0530843	5311427		
7/3/2007	unidentified larvae	134	134	Marias River	Drift Nets	n/a	n/a	n/a	n/a	12 T 0537508	5308179		
7/3/2007	unidentified larvae	11	11	Missouri River	Drift Nets	n/a	n/a	n/a	n/a	12 T 0538690	5308590		
7/6/2007	unidentified larvae	62	62	Marias River	Drift Nets	n/a	n/a	n/a	n/a	12 T 0537508	5308179		

[illegible]

Montana Department of Fish, Wildlife and Parks
Fisheries Division
P.O. Box 200701 Helena, MT 59620

REPORT OF FISH TAKEN UNDER A SCIENTIFIC COLLECTORS PERMIT

Permit No 14-2007 YEAR 2007

Name: Alexander Zale (Justin P. Spinelli) Affiliation: MT Cooperative Fishery Research Unit
Address: PO Box 173464 City: Bozeman
State/Zip: MT 59715 Phone: 406-994-3698

INSTRUCTIONS: Complete all columns for each species at each collection site. For each collection location, indicate lat-long or UTM coordinates, or provide location to nearest ¼ - ¼ section. Lat/Long in decimal degrees is preferred.

Collection Date	Species Collected (Common Name)	No. Captured	No. Kept	Water Name Where Fish Collected	Collection Method (Gear)	Min Length (mm)	Max Length (mm)	Avg Length (mm)	Avg Weight (gm)	Township UTM N Lat	Range UTM W Long	Section or or	¼ ¼ Sec
6/28/2007	Brown trout	1	0	Hauser Reservoir	Vertical gill net	435	435	435		464547.6	1115302.1		
7/3/2007	Brown trout	1	0	Hauser Reservoir	Vertical gill net	398	398	398		464547.6	1115302.1		
7/4/2007	Brown trout	2	0	Hauser Reservoir	Vertical gill net	369	528	448.5		464547.6	1115302.1		
8/7/2007	Brown trout	1	0	Hauser Reservoir	Vertical gill net	225	225	225		464547.6	1115302.1		
8/13/2007	Brown trout	1	0	Hauser Reservoir	Vertical gill net	326	326	326		464547.6	1115302.1		
8/31/2007	Brown trout	2	0	Hauser Reservoir	Vertical gill net	354	426	390		464547.6	1115302.1		
9/1/2007	Brown trout	1	0	Hauser Reservoir	Vertical gill net	315	315	315		464547.6	1115302.1		
9/21/2007	Brown trout	1	0	Hauser Reservoir	Vertical gill net	568	568	568		464547.6	1115302.1		
9/28/2007	Brown trout	1	0	Hauser Reservoir	Vertical gill net	292	292	292		464547.6	1115302.1		
10/5/2007	Brown trout	1	0	Hauser Reservoir	Vertical gill net	376	376	376		464547.6	1115302.1		
10/12/2007	Brown trout	2	0	Hauser Reservoir	Vertical gill net	356	486	421		464547.6	1115302.1		
11/16/2007	Brown trout	1	0	Hauser Reservoir	Vertical gill net	540	540	540		464547.6	1115302.1		
7/2/2007	Burbot	2	0	Hauser Reservoir	Vertical gill net	230	295	262.5		464547.6	1115302.1		
7/22/2007	Burbot	1	0	Hauser Reservoir	Vertical gill net	280	280	280		464547.6	1115302.1		
7/23/2007	Burbot	1	0	Hauser Reservoir	Vertical gill net	310	310	310		464547.6	1115302.1		
7/31/2007	Burbot	1	0	Hauser Reservoir	Vertical gill net	310	310	310		464547.6	1115302.1		
8/1/2007	Burbot	3	0	Hauser Reservoir	Vertical gill net	214	506	355		464547.6	1115302.1		
8/14/2007	Burbot	2	0	Hauser Reservoir	Vertical gill net	293	343	318		464547.6	1115302.1		
8/22/2007	Burbot	1	0	Hauser Reservoir	Vertical gill net	337	337	337		464547.6	1115302.1		
8/31/2007	Burbot	1	0	Hauser Reservoir	Vertical gill net	311	311	311		464547.6	1115302.1		
9/1/2007	Burbot	1	0	Hauser Reservoir	Vertical gill net	415	415	415		464547.6	1115302.1		
9/7/2007	Burbot	2	0	Hauser Reservoir	Vertical gill net	215	331	273		464547.6	1115302.1		
9/8/2007	Burbot	2	0	Hauser Reservoir	Vertical gill net	311	347	329		464547.6	1115302.1		
9/15/2007	Burbot	4	0	Hauser Reservoir	Vertical gill net	304	325	313.25		464547.6	1115302.1		
9/28/2007	Burbot	3	0	Hauser Reservoir	Vertical gill net	295	504	385		464547.6	1115302.1		
9/29/2007	Burbot	1	0	Hauser Reservoir	Vertical gill net	314	314	314		464547.6	1115302.1		
10/6/2007	Burbot	1	0	Hauser Reservoir	Vertical gill net	321	321	321		464547.6	1115302.1		
10/12/2007	Burbot	1	0	Hauser Reservoir	Vertical gill net	293	293	293		464547.6	1115302.1		
10/13/2007	Burbot	2	0	Hauser Reservoir	Vertical gill net	325	518	421.5		464547.6	1115302.1		
10/20/2007	Burbot	1	0	Hauser Reservoir	Vertical gill net	327	327	327		464547.6	1115302.1		
11/2/2007	Burbot	1	0	Hauser Reservoir	Vertical gill net	581	581	581		464547.6	1115302.1		
11/3/2007	Burbot	6	0	Hauser Reservoir	Vertical gill net	283	670	479.83		464547.6	1115302.1		
11/16/2007	Burbot	2	0	Hauser Reservoir	Vertical gill net	386	630	508		464547.6	1115302.1		
11/17/2007	Burbot	1	0	Hauser Reservoir	Vertical gill net	450	450	450		464547.6	1115302.1		
7/10/2007	Common Carp	1	0	Hauser Reservoir	Vertical gill net	163	163	163		464547.6	1115302.1		

12/15/2007	Common Carp	1	0	Hauser Reservoir	Forebay Net	545	545	545		464547.6	1115302.1		
8/13/2007	Kokanee	1	0	Hauser Reservoir	Vertical gill net	121	121	121		464547.6	1115302.1		
9/28/2007	Kokanee	1	0	Hauser Reservoir	Vertical gill net	432	432	432		464547.6	1115302.1		
10/5/2007	Kokanee	3	0	Hauser Reservoir	Vertical gill net	133	462	335		464547.6	1115302.1		
10/6/2007	Kokanee	2	0	Hauser Reservoir	Vertical gill net	127	507	317		464547.6	1115302.1		
10/20/2007	Kokanee	1	0	Hauser Reservoir	Vertical gill net	125	125	125		464547.6	1115302.1		
11/2/2007	Kokanee	1	0	Hauser Reservoir	Vertical gill net	427	427	427		464547.6	1115302.1		
7/3/2007	Longnose sucker	1	0	Hauser Reservoir	Vertical gill net	246	246	246		464547.6	1115302.1		
7/17/2007	Longnose sucker	1	0	Hauser Reservoir	Vertical gill net	445	445	445		464547.6	1115302.1		
7/22/2007	Longnose sucker	2	0	Hauser Reservoir	Vertical gill net	228	277	252.5		464547.6	1115302.1		
8/13/2007	Longnose sucker	1	0	Hauser Reservoir	Vertical gill net	244	244	244		464547.6	1115302.1		
8/31/2007	Longnose sucker	1	0	Hauser Reservoir	Vertical gill net	260	260	260		464547.6	1115302.1		
9/1/2007	Longnose sucker	8	0	Hauser Reservoir	Vertical gill net	215	515	405.75		464547.6	1115302.1		
9/7/2007	Longnose sucker	1	0	Hauser Reservoir	Vertical gill net	496	496	496		464547.6	1115302.1		
9/9/2007	Longnose sucker	1	0	Hauser Reservoir	Vertical gill net	315	315	315		464547.6	1115302.1		
9/14/2007	Longnose sucker	3	0	Hauser Reservoir	Vertical gill net	475	523	502.67		464547.6	1115302.1		
9/15/2007	Longnose sucker	1	0	Hauser Reservoir	Vertical gill net	505	505	505		464547.6	1115302.1		
9/22/2007	Longnose sucker	3	0	Hauser Reservoir	Vertical gill net	305	520	382.67		464547.6	1115302.1		
9/28/2007	Longnose sucker	1	0	Hauser Reservoir	Vertical gill net	294	294	294		464547.6	1115302.1		
9/29/2007	Longnose sucker	1	0	Hauser Reservoir	Vertical gill net	456	456	456		464547.6	1115302.1		
10/13/2007	Longnose sucker	2	0	Hauser Reservoir	Vertical gill net	299	464	381.5		464547.6	1115302.1		
10/19/2007	Longnose sucker	2	0	Hauser Reservoir	Vertical gill net	434	455	444.5		464547.6	1115302.1		
11/2/2007	Longnose sucker	1	0	Hauser Reservoir	Vertical gill net	330	330	330		464547.6	1115302.1		
11/16/2007	Longnose sucker	1	0	Hauser Reservoir	Vertical gill net	485	485	485		464547.6	1115302.1		
9/7/2007	Mountain whitefish	1	0	Hauser Reservoir	Vertical gill net	433	433	433		464547.6	1115302.1		
9/14/2007	Mountain whitefish	1	0	Hauser Reservoir	Vertical gill net	551	551	551		464547.6	1115302.1		
7/9/2007	Rainbow trout	2	0	Hauser Reservoir	Vertical gill net	299	331	315		464547.6	1115302.1		
7/10/2007	Rainbow trout	3	0	Hauser Reservoir	Vertical gill net	305	375	349.67		464547.6	1115302.1		
7/18/2007	Rainbow trout	1	0	Hauser Reservoir	Vertical gill net	405	405	405		464547.6	1115302.1		
7/19/2007	Rainbow trout	1	0	Hauser Reservoir	Vertical gill net	389	389	389		464547.6	1115302.1		
7/22/2007	Rainbow trout	3	0	Hauser Reservoir	Vertical gill net	375	393	381.33		464547.6	1115302.1		
7/30/2007	Rainbow trout	2	0	Hauser Reservoir	Vertical gill net	366	403	384.5		464547.6	1115302.1		
8/1/2007	Rainbow trout	1	0	Hauser Reservoir	Vertical gill net	414	414	414		464547.6	1115302.1		
8/7/2007	Rainbow trout	2	0	Hauser Reservoir	Vertical gill net	396	403	399.5		464547.6	1115302.1		
8/9/2007	Rainbow trout	6	0	Hauser Reservoir	Vertical gill net	375	402	390.33		464547.6	1115302.1		
8/13/2007	Rainbow trout	1	0	Hauser Reservoir	Vertical gill net	224	224	224		464547.6	1115302.1		
8/14/2007	Rainbow trout	2	0	Hauser Reservoir	Vertical gill net	366	423	394.5		464547.6	1115302.1		
8/15/2007	Rainbow trout	1	0	Hauser Reservoir	Vertical gill net	374	374	374		464547.6	1115302.1		
8/20/2007	Rainbow trout	3	0	Hauser Reservoir	Vertical gill net	290	408	333		464547.6	1115302.1		
8/22/2007	Rainbow trout	1	0	Hauser Reservoir	Vertical gill net	281	281	281		464547.6	1115302.1		
9/1/2007	Rainbow trout	3	0	Hauser Reservoir	Vertical gill net	351	435	390.67		464547.6	1115302.1		
9/14/2007	Rainbow trout	1	0	Hauser Reservoir	Vertical gill net	515	515	515		464547.6	1115302.1		
9/15/2007	Rainbow trout	1	0	Hauser Reservoir	Vertical gill net	401	401	401		464547.6	1115302.1		
9/21/2007	Rainbow trout	4	0	Hauser Reservoir	Vertical gill net	276	543	394		464547.6	1115302.1		
9/22/2007	Rainbow trout	3	0	Hauser Reservoir	Vertical gill net	403	432	417.67		464547.6	1115302.1		
9/28/2007	Rainbow trout	1	0	Hauser Reservoir	Vertical gill net	391	391	391		464547.6	1115302.1		
9/29/2007	Rainbow trout	3	0	Hauser Reservoir	Vertical gill net	172	447	332		464547.6	1115302.1		
10/5/2007	Rainbow trout	2	0	Hauser Reservoir	Vertical gill net	211	304	257.5		464547.6	1115302.1		
10/12/2007	Rainbow trout	11	0	Hauser Reservoir	Vertical gill net	196	362	227.45		464547.6	1115302.1		
10/13/2007	Rainbow trout	4	0	Hauser Reservoir	Vertical gill net	186	208	195.5		464547.6	1115302.1		
10/19/2007	Rainbow trout	14	0	Hauser Reservoir	Vertical gill net	181	413	247.79		464547.6	1115302.1		

10/20/2007	Rainbow trout	6	0	Hauser Reservoir	Vertical gill net	198	233	210.67		464547.6	1115302.1		
10/21/2007	Rainbow trout	11	0	Hauser Reservoir	Vertical gill net	192	231	211.64		464547.6	1115302.1		
11/2/2007	Rainbow trout	20	0	Hauser Reservoir	Vertical gill net	198	426	225.95		464547.6	1115302.1		
11/3/2007	Rainbow trout	31	0	Hauser Reservoir	Vertical gill net	197	300	220.48		464547.6	1115302.1		
11/16/2007	Rainbow trout	6	0	Hauser Reservoir	Vertical gill net	192	241	219.67		464547.6	1115302.1		
11/17/2007	Rainbow trout	15	0	Hauser Reservoir	Vertical gill net	192	253	218.53		464547.6	1115302.1		
6/25/2007	Walleye	2	1	Hauser Reservoir	Forebay Net	44	186	115		464547.6	1115302.1		
7/2/2007	Walleye	1	0	Hauser Reservoir	Vertical gill net	328	328	328		464547.6	1115302.1		
7/11/2007	Walleye	1	0	Hauser Reservoir	Vertical gill net	366	366	366		464547.6	1115302.1		
7/16/2007	Walleye	1	0	Hauser Reservoir	Vertical gill net	201	201	201		464547.6	1115302.1		
7/18/2007	Walleye	1	0	Hauser Reservoir	Vertical gill net	290	290	290		464547.6	1115302.1		
7/22/2007	Walleye	1	0	Hauser Reservoir	Vertical gill net	213	213	213		464547.6	1115302.1		
7/24/2007	Walleye	1	0	Hauser Reservoir	Vertical gill net	243	243	243		464547.6	1115302.1		
8/1/2007	Walleye	1	0	Hauser Reservoir	Vertical gill net	245	245	245		464547.6	1115302.1		
8/7/2007	Walleye	1	0	Hauser Reservoir	Vertical gill net	249	249	249		464547.6	1115302.1		
8/13/2007	Walleye	2	0	Hauser Reservoir	Vertical gill net	265	272	268.5		464547.6	1115302.1		
8/14/2007	Walleye	1	0	Hauser Reservoir	Vertical gill net	262	262	262		464547.6	1115302.1		
8/31/2007	Walleye	5	0	Hauser Reservoir	Vertical gill net	247	361	294.6		464547.6	1115302.1		
9/1/2007	Walleye	4	0	Hauser Reservoir	Vertical gill net	241	360	276.5		464547.6	1115302.1		
9/2/2007	Walleye	3	0	Hauser Reservoir	Vertical gill net	250	320	278.67		464547.6	1115302.1		
9/9/2007	Walleye	1	0	Hauser Reservoir	Vertical gill net	531	531	531		464547.6	1115302.1		
9/14/2007	Walleye	2	0	Hauser Reservoir	Vertical gill net	180	260	220		464547.6	1115302.1		
9/15/2007	Walleye	3	0	Hauser Reservoir	Vertical gill net	242	341	279		464547.6	1115302.1		
9/21/2007	Walleye	1	0	Hauser Reservoir	Vertical gill net	162	162	162		464547.6	1115302.1		
9/22/2007	Walleye	5	0	Hauser Reservoir	Vertical gill net	252	270	260.6		464547.6	1115302.1		
9/28/2007	Walleye	1	0	Hauser Reservoir	Vertical gill net	253	253	253		464547.6	1115302.1		
9/29/2007	Walleye	10	0	Hauser Reservoir	Vertical gill net	127	281	241.9		464547.6	1115302.1		
9/30/2007	Walleye	2	0	Hauser Reservoir	Vertical gill net	251	261	256		464547.6	1115302.1		
10/5/2007	Walleye	19	0	Hauser Reservoir	Vertical gill net	122	272	232.16		464547.6	1115302.1		
10/6/2007	Walleye	23	0	Hauser Reservoir	Vertical gill net	119	290	226		464547.6	1115302.1		
10/12/2007	Walleye	7	0	Hauser Reservoir	Vertical gill net	124	278	225.14		464547.6	1115302.1		
10/13/2007	Walleye	4	0	Hauser Reservoir	Vertical gill net	235	259	246.75		464547.6	1115302.1		
10/19/2007	Walleye	14	0	Hauser Reservoir	Vertical gill net	137	279	234.93		464547.6	1115302.1		
10/20/2007	Walleye	10	0	Hauser Reservoir	Vertical gill net	146	292	235.9		464547.6	1115302.1		
10/21/2007	Walleye	3	0	Hauser Reservoir	Vertical gill net	131	263	213.67		464547.6	1115302.1		
11/2/2007	Walleye	1	0	Hauser Reservoir	Vertical gill net	250	250	250		464547.6	1115302.1		
11/3/2007	Walleye	5	0	Hauser Reservoir	Vertical gill net	137	269	227.6		464547.6	1115302.1		
11/16/2007	Walleye	1	0	Hauser Reservoir	Vertical gill net	267	267	267		464547.6	1115302.1		
11/17/2007	Walleye	6	0	Hauser Reservoir	Vertical gill net	136	713	289.83		464547.6	1115302.1		
6/19/2007	White Sucker	1	0	Hauser Reservoir	Forebay Net	403	403	403		464547.6	1115302.1		
7/23/2007	White sucker	1	0	Hauser Reservoir	Vertical gill net	405	405	405		464547.6	1115302.1		
7/31/2007	White sucker	1	0	Hauser Reservoir	Vertical gill net	427	427	427		464547.6	1115302.1		
9/1/2007	White sucker	7	0	Hauser Reservoir	Vertical gill net	296	433	362.57		464547.6	1115302.1		
9/22/2007	White sucker	1	0	Hauser Reservoir	Vertical gill net	281	281	281		464547.6	1115302.1		
9/28/2007	White sucker	1	0	Hauser Reservoir	Vertical gill net	428	428	428		464547.6	1115302.1		
10/5/2007	White sucker	1	0	Hauser Reservoir	Vertical gill net	419	419	419		464547.6	1115302.1		
10/13/2007	White sucker	1	0	Hauser Reservoir	Vertical gill net	419	419	419		464547.6	1115302.1		
10/19/2007	White sucker	1	0	Hauser Reservoir	Vertical gill net	460	460	460		464547.6	1115302.1		
7/17/2007	Yellow perch	1	0	Hauser Reservoir	Vertical gill net	188	188	188		464547.6	1115302.1		
9/21/2007	Yellow perch	1	0	Hauser Reservoir	Vertical gill net	146	146	146		464547.6	1115302.1		
10/19/2007	Yellow perch	1	0	Hauser Reservoir	Vertical gill net	204	204	204		464547.6	1115302.1		

