

Montana Department of Fish, Wildlife & Parks

Fisheries Division

P.O. Box 200701 Helena, MT 59620

REPORT OF FISH TAKEN UNDER A SCIENTIFIC COLLECTORS PERMIT

Permit No SCP-03-2009

YEAR 2009

Name: Mark D. Barnes

Affiliation: Chinese Culture University, Department of Natural Resources

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

Address: 55 Hwa Kang Road

City: Taipei

State/Zip: Taiwan 11192

Phone: 886-2-2862-7335 (rainday1235-pccu@yahoo.com)

Collection Date (mm/dd/yyyy)	Species Collected (Common Name)	No. Captured	No. Kept	Waterbody Name Where Fish Collected	Tributary to:	Collection Method (Gear)	Min Length (mm)	Max Length (mm)	Avg Length (mm)	Avg Weight (gm)	Lat UTM N	Long UTM W
08/11/2009	common carp	11	0	Yellowstone River	Missouri River	seine	20	40	30	8	47.273	104.543
08/11/2009	silvery/plains minnow	9	0	Yellowstone River	Missouri River	seine	40	70	50	5	47.273	104.543
08/11/2009	brassy minnow	1	0	Yellowstone River	Missouri River	seine	25	25	25	4	47.273	104.543
08/11/2009	emerald shiner	2	0	Yellowstone River	Missouri River	seine	20	40	30	6	47.273	104.543
08/11/2009	sand shiner	3	0	Yellowstone River	Missouri River	seine	30	40	35	5	47.273	104.543
08/11/2009	fathead minnow	10	0	Yellowstone River	Missouri River	seine	20	40	30	5	47.273	104.543
08/11/2009	flathead chub	24	0	Yellowstone River	Missouri River	seine	30	50	40	6	47.273	104.543
08/11/2009	longnose dace	6	0	Yellowstone River	Missouri River	seine	20	40	30	4	47.273	104.543
08/11/2009	creek chub	111	0	Yellowstone River	Missouri River	seine	30	50	40	7	47.273	104.543
08/11/2009	longnose sucker	18	0	Yellowstone River	Missouri River	seine	50	140	95	20	47.273	104.543
08/11/2009	white sucker	26	0	Yellowstone River	Missouri River	seine	20	80	40	8	47.273	104.543
08/11/2009	river carpsucker	15	0	Yellowstone River	Missouri River	seine	35	50	40	8	47.273	104.543
08/11/2009	channel catfish	1	0	Yellowstone River	Missouri River	seine	60	60	60	8	47.273	104.543
08/11/2009	stonecat	2	0	Yellowstone River	Missouri River	seine	50	70	60	8	47.273	104.543
08/11/2009	brook stickleback	1	0	Yellowstone River	Missouri River	seine	25	25	25	1	47.273	104.543
08/11/2009	fathead minnow	3	0	Thirteen Mile Creek (1)	Yellowstone River	seine	10	30	35	4	47.273	104.543
08/11/2009	longnose dace	3	0	Thirteen Mile Creek (1)	Yellowstone River	seine	20	30	25	3	47.273	104.543
08/11/2009	creek chub	1	0	Thirteen Mile Creek (1)	Yellowstone River	seine	40	40	40	5	47.273	104.543
08/11/2009	common carp	12	0	Thirteen Mile Creek (2)	Yellowstone River	seine	25	45	35	9	47.107	104.554
08/11/2009	silvery/plains minnow	4	0	Thirteen Mile Creek (2)	Yellowstone River	seine	35	65	45	4	47.107	104.554
08/11/2009	brassy minnow	20	0	Thirteen Mile Creek (2)	Yellowstone River	seine	20	30	25	4	47.107	104.554
08/11/2009	emerald shiner	1	0	Thirteen Mile Creek (2)	Yellowstone River	seine	20	20	20	4	47.107	104.554
08/11/2009	sand shiner	59	0	Thirteen Mile Creek (2)	Yellowstone River	seine	25	40	35	4	47.107	104.554
08/11/2009	fathead minnow	80	0	Thirteen Mile Creek (2)	Yellowstone River	seine	10	45	30	5	47.107	104.554
08/11/2009	longnose dace	8	0	Thirteen Mile Creek (2)	Yellowstone River	seine	20	35	25	4	47.107	104.554
08/11/2009	creek chub	13	0	Thirteen Mile Creek (2)	Yellowstone River	seine	30	50	40	6	47.107	104.554
08/11/2009	longnose sucker	1	0	Thirteen Mile Creek (2)	Yellowstone River	seine	80	80	80	10	47.107	104.554
08/11/2009	white sucker	15	0	Thirteen Mile Creek (2)	Yellowstone River	seine	20	90	45	8	47.107	104.554
08/11/2009	shorthead redhorse	2	0	Thirteen Mile Creek (2)	Yellowstone River	seine	40	50	45	9	47.107	104.554
08/11/2009	river carpsucker	5	0	Thirteen Mile Creek (2)	Yellowstone River	seine	20	60	35	8	47.107	104.554
08/11/2009	plains killifish	133	0	Thirteen Mile Creek (2)	Yellowstone River	seine	20	50	30	3	47.107	104.554
08/11/2009	brook stickleback	30	0	Thirteen Mile Creek (2)	Yellowstone River	seine	10	30	25	1	47.107	104.554
08/13/2009	common carp	11	0	Thirteen Mile Creek (3)	Yellowstone River	seine	20	35	30	7	47.276	104.554
08/13/2009	silvery/plains minnow	2	0	Thirteen Mile Creek (3)	Yellowstone River	seine	35	60	45	7	47.276	104.554
08/13/2009	brassy minnow	14	0	Thirteen Mile Creek (3)	Yellowstone River	seine	20	30	25	4	47.276	104.554

08/13/2009	emerald shiner	52	0	Thirteen Mile Creek (3)	Yellowstone River	seine	20	40	30	5	47.276	104.554
08/13/2009	fathead minnow	82	0	Thirteen Mile Creek (3)	Yellowstone River	seine	20	30	35	4	47.276	104.554
08/13/2009	longnose dace	5	0	Thirteen Mile Creek (3)	Yellowstone River	seine	15	35	20	4	47.276	104.554
08/13/2009	creek chub	218	0	Thirteen Mile Creek (3)	Yellowstone River	seine	15	65	35	5	47.276	104.554
08/13/2009	longnose sucker	3	0	Thirteen Mile Creek (3)	Yellowstone River	seine	40	50	45	8	47.276	104.554
08/13/2009	white sucker	4	0	Thirteen Mile Creek (3)	Yellowstone River	seine	30	70	55	8	47.276	104.554
08/13/2009	river carpsucker	3	0	Thirteen Mile Creek (3)	Yellowstone River	seine	20	60	40	8	47.276	104.554
08/13/2009	plains killifish	113	0	Thirteen Mile Creek (3)	Yellowstone River	seine	20	50	30	3	47.276	104.554
08/13/2009	brook stickleback	31	0	Thirteen Mile Creek (3)	Yellowstone River	seine	10	30	20	1	47.276	104.554
08/13/2009	common carp	6	0	Thirteen Mile Creek (4)	Yellowstone River	seine	20	35	30	8	47.274	104.557
08/13/2009	silvery/plains minnow	1	0	Thirteen Mile Creek (4)	Yellowstone River	seine	35	60	45	7	47.274	104.557
08/13/2009	brassy minnow	7	0	Thirteen Mile Creek (4)	Yellowstone River	seine	25	30	25	7	47.274	104.557
08/13/2009	emerald shiner	1	0	Thirteen Mile Creek (4)	Yellowstone River	seine	25	25	25	4	47.274	104.557
08/13/2009	sand shiner	25	0	Thirteen Mile Creek (4)	Yellowstone River	seine	30	40	35	5	47.274	104.557
08/13/2009	fathead minnow	41	0	Thirteen Mile Creek (4)	Yellowstone River	seine	10	40	30	4	47.274	104.557
08/13/2009	longnose dace	6	0	Thirteen Mile Creek (4)	Yellowstone River	seine	20	45	35	5	47.274	104.557
08/13/2009	creek chub	116	0	Thirteen Mile Creek (4)	Yellowstone River	seine	15	60	35	5	47.274	104.557
08/13/2009	longnose sucker	2	0	Thirteen Mile Creek (4)	Yellowstone River	seine	95	105	100	15	47.274	104.557
08/13/2009	white sucker	5	0	Thirteen Mile Creek (4)	Yellowstone River	seine	30	70	60	9	47.274	104.557
08/13/2009	shorthead redhorse	1	0	Thirteen Mile Creek (4)	Yellowstone River	seine	40	40	40	8	47.274	104.557
08/13/2009	river carpsucker	1	0	Thirteen Mile Creek (4)	Yellowstone River	seine	45	45	45	9	47.274	104.557
08/13/2009	plains killifish	56	0	Thirteen Mile Creek (4)	Yellowstone River	seine	20	50	40	3	47.274	104.557
08/13/2009	brook stickleback	16	0	Thirteen Mile Creek (4)	Yellowstone River	seine	10	35	20	1	47.274	104.557
08/12/2009	sand shiner	10	0	Thirteen Mile Creek (5)	Yellowstone River	seine	30	35	30	4	47.274	104.555
08/12/2009	fathead minnow	9	0	Thirteen Mile Creek (5)	Yellowstone River	seine	10	30	20	3	47.274	104.555
08/12/2009	longnose dace	15	0	Thirteen Mile Creek (5)	Yellowstone River	seine	20	40	30	4	47.274	104.555
08/12/2009	creek chub	36	0	Thirteen Mile Creek (5)	Yellowstone River	seine	14	50	35	5	47.274	104.555
08/12/2009	white sucker	16	0	Thirteen Mile Creek (5)	Yellowstone River	seine	30	70	45	8	47.274	104.555
08/12/2009	plains killifish	2	0	Thirteen Mile Creek (5)	Yellowstone River	seine	20	30	25	2	47.274	104.555
08/12/2009	green sunfish	1	0	Thirteen Mile Creek (5)	Yellowstone River	seine	30	30	30	8	47.274	104.555
08/06/2009	creek chub	1	0	Thirteen Mile Creek (6)	Yellowstone River	seine	25	25	25	5	47.275	104.555
08/06/2009	plains killifish	2	0	Thirteen Mile Creek (6)	Yellowstone River	seine	20	30	25	2	47.275	104.555
08/06/2009	brook stickleback	2	0	Thirteen Mile Creek (6)	Yellowstone River	seine	20	30	25	1	47.275	104.555
08/10/2009	longnose dace	6	0	Thirteen Mile Creek (7)	Yellowstone River	seine	20	40	35	5	47.292	104.57
08/10/2009	creek chub	21	0	Thirteen Mile Creek (7)	Yellowstone River	seine	15	45	30	4	47.292	104.57
08/10/2009	plains killifish	35	0	Thirteen Mile Creek (7)	Yellowstone River	seine	20	50	30	3	47.292	104.57
07/30/2009	longnose dace	8	0	Thirteen Mile Creek (8)	Yellowstone River	seine	20	35	25	4	47.301	104.588
07/30/2009	creek chub	16	0	Thirteen Mile Creek (8)	Yellowstone River	seine	15	45	35	4	47.301	104.588
07/30/2009	brook stickleback	16	0	Thirteen Mile Creek (8)	Yellowstone River	seine	10	20	35	1	47.301	104.588
07/30/2009	flathead chub	1	0	Thirteen Mile Creek (9)	Yellowstone River	seine	30	30	30	5	47.302	104.589
07/30/2009	creek chub	257	0	Thirteen Mile Creek (9)	Yellowstone River	seine	15	100	35	7	47.302	104.589
07/30/2009	white sucker	10	0	Thirteen Mile Creek (9)	Yellowstone River	seine	25	70	35	8	47.302	104.589
07/30/2009	plains killifish	8	0	Thirteen Mile Creek (9)	Yellowstone River	seine	20	55	30	3	47.302	104.589
07/30/2009	brook stickleback	36	0	Thirteen Mile Creek (9)	Yellowstone River	seine	10	30	20	1	47.302	104.589
08/12/2009	brassy minnow	1	0	Thirteen Mile Creek (10)	Yellowstone River	seine	25	25	25	4	47.303	104.591
08/12/2009	longnose dace	28	0	Thirteen Mile Creek (10)	Yellowstone River	seine	20	50	35	5	47.303	104.591
08/12/2009	lake chub	16	0	Thirteen Mile Creek (10)	Yellowstone River	seine	20	35	25	3	47.303	104.591
08/12/2009	creek chub	288	0	Thirteen Mile Creek (10)	Yellowstone River	seine	15	110	35	8	47.303	104.591
08/12/2009	longnose sucker	2	0	Thirteen Mile Creek (10)	Yellowstone River	seine	25	40	32	8	47.303	104.591
08/12/2009	white sucker	16	0	Thirteen Mile Creek (10)	Yellowstone River	seine	30	45	35	7	47.303	104.591

08/12/2009	brook stickleback	194	0	Thirteen Mile Creek (10)	Yellowstone River	seine	10	30	20	1	47.303	104.591
08/12/2009	fathead minnow	1	0	Thirteen Mile Creek (11)	Yellowstone River	seine	15	15	15	4	47.319	104.616
08/12/2009	longnose dace	6	0	Thirteen Mile Creek (11)	Yellowstone River	seine	15	45	25	4	47.319	104.616
08/12/2009	lake chub	1	0	Thirteen Mile Creek (11)	Yellowstone River	seine	25	25	25	3	47.319	104.616
08/12/2009	creek chub	198	0	Thirteen Mile Creek (11)	Yellowstone River	seine	10	90	30	5	47.319	104.616
08/12/2009	white sucker	24	0	Thirteen Mile Creek (11)	Yellowstone River	seine	30	70	45	8	47.319	104.616
08/12/2009	plains killifish	2	0	Thirteen Mile Creek (11)	Yellowstone River	seine	20	30	25	2	47.319	104.616
08/12/2009	brook stickleback	2	0	Thirteen Mile Creek (11)	Yellowstone River	seine	20	25	22	1	47.319	104.616
08/07/2009	longnose dace	8	0	Thirteen Mile Creek (12)	Yellowstone River	seine	15	40	25	4	47.325	104.603
08/07/2009	lake chub	1	0	Thirteen Mile Creek (12)	Yellowstone River	seine	25	25	25	3	47.325	104.603
08/07/2009	creek chub	205	0	Thirteen Mile Creek (12)	Yellowstone River	seine	10	80	35	5	47.325	104.603
08/07/2009	white sucker	19	0	Thirteen Mile Creek (12)	Yellowstone River	seine	30	70	50	7	47.325	104.603
08/07/2009	plains killifish	3	0	Thirteen Mile Creek (12)	Yellowstone River	seine	15	25	20	1	47.325	104.603
08/07/2009	brook stickleback	5	0	Thirteen Mile Creek (12)	Yellowstone River	seine	15	25	20	1	47.325	104.603
08/07/2009	longnose dace	18	0	Thirteen Mile Creek (13)	Yellowstone River	seine	20	45	30	5	47.272	104.619
08/07/2009	creek chub	19	0	Thirteen Mile Creek (13)	Yellowstone River	seine	20	50	35	4	47.272	104.619
08/07/2009	white sucker	7	0	Thirteen Mile Creek (13)	Yellowstone River	seine	30	70	50	9	47.272	104.619
08/07/2009	brook stickleback	6	0	Thirteen Mile Creek (13)	Yellowstone River	seine	10	25	20	1	47.272	104.619
08/07/2009	longnose dace	144	0	Thirteen Mile Creek (14)	Yellowstone River	seine	20	55	35	5	47.323	104.621
08/07/2009	creek chub	38	0	Thirteen Mile Creek (14)	Yellowstone River	seine	10	90	35	5	47.323	104.621
08/07/2009	white sucker	5	0	Thirteen Mile Creek (14)	Yellowstone River	seine	20	50	35	4	47.323	104.621
08/07/2009	brook stickleback	12	0	Thirteen Mile Creek (14)	Yellowstone River	seine	10	25	20	1	47.323	104.621
07/27/2009	northern redbelly dace	2	0	Thirteen Mile Creek (15)	Yellowstone River	seine	30	50	40	5	47.335	104.624
07/27/2009	longnose dace	12	0	Thirteen Mile Creek (15)	Yellowstone River	seine	20	30	25	4	47.335	104.624
07/27/2009	creek chub	25	0	Thirteen Mile Creek (15)	Yellowstone River	seine	10	50	30	4	47.335	104.624
07/27/2009	white sucker	3	0	Thirteen Mile Creek (15)	Yellowstone River	seine	25	55	35	5	47.335	104.624
07/28/2009	northern redbelly dace	2	0	Thirteen Mile Creek (16)	Yellowstone River	seine	30	50	40	4	47.326	104.623
07/28/2009	longnose dace	9	0	Thirteen Mile Creek (16)	Yellowstone River	seine	20	30	25	4	47.326	104.623
07/28/2009	creek chub	8	0	Thirteen Mile Creek (16)	Yellowstone River	seine	10	35	25	3	47.326	104.623
07/28/2009	white sucker	4	0	Thirteen Mile Creek (16)	Yellowstone River	seine	25	55	30	5	47.326	104.623
07/28/2009	longnose dace	28	0	Thirteen Mile Creek (17)	Yellowstone River	seine	25	55	35	4	47.335	104.624
07/28/2009	creek chub	52	0	Thirteen Mile Creek (17)	Yellowstone River	seine	10	80	35	5	47.335	104.624
07/28/2009	white sucker	1	0	Thirteen Mile Creek (17)	Yellowstone River	seine	40	40	40	5	47.335	104.624
07/28/2009	brook stickleback	1	0	Thirteen Mile Creek (17)	Yellowstone River	seine	25	25	25	1	47.335	104.624
07/27/2009	northern redbelly dace	2	0	Thirteen Mile Creek (18)	Yellowstone River	seine	30	60	40	5	47.398	104.636
07/27/2009	longnose dace	23	0	Thirteen Mile Creek (18)	Yellowstone River	seine	25	45	30	5	47.398	104.636
07/27/2009	creek chub	148	0	Thirteen Mile Creek (18)	Yellowstone River	seine	15	95	35	5	47.398	104.636
07/27/2009	white sucker	13	0	Thirteen Mile Creek (18)	Yellowstone River	seine	20	60	35	5	47.398	104.636
07/27/2009	plains killifish	2	0	Thirteen Mile Creek (18)	Yellowstone River	seine	20	30	25	2	47.398	104.636
07/27/2009	brook stickleback	32	0	Thirteen Mile Creek (18)	Yellowstone River	seine	10	30	20	1	47.398	104.636
07/31/2009	northern redbelly dace	13	0	S. Fk. 13 Mile Cr. (19)	Thirteen Mile Cr.	seine	25	50	40	4	47.343	105.686
07/31/2009	fathead minnow	1	0	S. Fk. 13 Mile Cr. (19)	Thirteen Mile Cr.	seine	20	20	20	4	47.343	105.686
07/31/2009	white sucker	3	0	S. Fk. 13 Mile Cr. (19)	Thirteen Mile Cr.	seine	25	65	40	5	47.343	105.686
07/31/2009	brook stickleback	78	0	S. Fk. 13 Mile Cr. (19)	Thirteen Mile Cr.	seine	10	20	35	1	47.343	105.686
08/03/2009	no fish	0	0	Thirteen Mile Creek (20)	Yellowstone River	minnow trap	0	0	0	0	47.407	104.812
08/03/2009	no fish	0	0	Thirteen Mile creek (21)	Yellowstone River	minnow trap	0	0	0	0	47.406	104.896