

Appendix C

1994 and 1995 Trapping data

**1994, 1995 Drift fence with funnel traps
1994 Drift fence with pitfall traps**

1994 FUNNEL TRAP DATA

Trap Name	Open	Repaired	Closed	# trap days	5/20/94	6/15/94	6/16/94	6/20/94	6/28/94	7/06/94	7/08/94	7/11/94	7/14/94	7/22/94
WM-3 Benton Meadows	5/12	6/02	7/26	55	AMMA-A									
WM-2 Kruze Meadows	5/12	6/02	7/26	55										
DF-1 Pruitt Draw	5/13	6/03		54										
DF-1 Cottonwood Ck	5/13	6/03		54										
IF-2 Pruitt Draw	5/13	6/03		54										
IF-3 Wapshilla Ridge	5/13	6/03		54										
AL-1 Eagle Ck.	5/13	6/07		50		COCO-A								
AL-3 China Ck	5/13	6/28		71		BUBO-J								
YS-3 Eagle Creek	5/13	6/07		50										
YS-1 Madden Ck.	5/12	6/07		50										
Nightsnake Beach (portable)	6/18	-	7/31	44			SCOC-J		BUBO-A	4 BUBO-A. 1 BUBO-J 1-SCOC-J	BUBO-A			SCOC-J
China Creek (portable)	6/18	-	7/31	44				CRVI-A	COCO-A CRVI-J			COCO-A	PICA-A	

List of all amphibians and reptiles caught from permanent drift fence and portable drift fence funnel trap
 SCOC = Western Fence Lizard, COCO = Racer, CRVI = Western Rattlesnake, PICA = Gopher Snake
 AMMA = Long-toed Salamander, BUBO = Western Toad. J = juvenile, A = adult

1993, 1994 COVERBOARDS

Coverboard	Open	4/20	4/23	6/16
Salmon River	5/27/94			SCOC-J
China Ck.	5/27/94			
Benton Meadows				
upland, pond bank	4/18/94			
lowland, pond bank	4/18/94			
France's (1993)	4/01/93	AMMA-A	AMMA-A	

List of animals underneath the coverboards.

Captures of herpetofauna (n/100 trap nights) in pitfall traps in 4 vegetation types at Craig Mountain, 1993. (Cassirer, 1995)

Species	White alder (n=3) 960 TN		Douglas-fir (n=3) 972 TN		Idaho fescue (n=3) 908 TN		Wet meadow (n=3) 841 TN		All types (n=4) 3681 TN	
	n	\bar{X} (sd)	\bar{X} (sd)	\bar{X}	\bar{X} (sd)	\bar{X} (sd)	\bar{X} (sd)			
Long-toed salamander (<i>Ambystoma macrodactylum</i>)	33	0	0.29 (0.50)	0	0	3.58 (1.66)	0.97 (1.75)			
Western toad (<i>Bufo boreas</i>)	3	0.10 (0.18)	0	0	0	0.24 (0.21)	0.09 (0.11)			
Western skink (<i>Eumeces skiltonius</i>)	2	0	0.21 (0.37)	0	0	0	0.05 (0.11)			
Spotted Frog (<i>Rana pretiosa</i>)	4	0	0	0	0	0.24 (0.21)	0.06 (0.12)			
\bar{X} captures/100 TN	42	0.03(0.05)	0.88 (1.42)	0	0	1.02 (1.71)	0.48 (0.54)			
No. species		1	2	0	0	3	4			

Captures of herpetofauna (n/100 trap nights) in pitfall traps in 5 vegetation types at Craig Mountain, 1994. (Cassirer, 1995)

Species	White alder (n=3) 735 TN		Douglas-fir (n=3) 792 TN		Idaho fescue (n=3) 805 TN		Wet meadow (n=3) 682 TN		Yellow starthistle (n=3) 756 TN		All types (n=4) 3770 TN	
	n	\bar{X} (sd)	\bar{X} (sd)	\bar{X} (sd)	\bar{X} (sd)	\bar{X} (sd)	\bar{X} (sd)	\bar{X} (sd)				
Long-toed salamander (<i>Ambystoma macrodactylum</i>)	30	0	0	0	0	4.53 (2.28)	0.13 (0.23)	0.93 (2.01)				
Western toad (<i>Bufo boreas</i>)	3	0	0	0	0	0.51 (0.87)	0	0.10 (0.23)				
Western skink (<i>Eumeces skiltonius</i>)	1	0	0	0	0	0	0.13 (0.23)	0.03 (0.06)				
Spotted Frog (<i>Rana pretiosa</i>)	3	0.13 (0.22)	0	0	0	0.47 (0.51)	0	0.12 (0.20)				
\bar{X} captures/100 TN	37	0.03(0.07)	0	0	0	1.38 (2.11)	0.07 (0.08)	0.30 (0.61)				
No. species		1	0	0	0	3	2	4				

1993 and 1994 Pitfall trapping data

Pitfall Traps	Elev.	UTM-E	UTM-N	10/3-11/1 1993	4/18-5/14 1994
DF-1 Wapshilla	4800	511425	5098802	3-AMMA	
DF-2 Pruitt draw	4140	515262	5091063	2-Juv.EUSK	
DF-3 Pruitt draw	4100	515813	5090527		
AL-1 Eagle Ck.	2700	518383	5097776		
AL-2 China Creek		519125	5092200	1-BUBO	1-RAPR
AL-3 China Creek		519552	5091725		
WM-1 Kruze Meadows		518066	5111472	14-AMMA 1-RAPR 1-BUBO	12-AMMA
WM-2 Kruze Meadows		517950	5108900	5-AMMA 1-RAPR	
WM-3 Benton Meadows	4650	514730	5107850	20-AMMA 4-BUBO 3-RAPR	13-AMMA 3-BUBO 2-RAPR
IF-1 Wapshilla Ck.	4600	514505	5090877		
IF-2 Wapshilla Ck.	4600	514700	5089528		
IF-3 Pruitt Draw	4200	515384	5091402		
YS-1 Madden Ck.	2300	510610	5115200		1-EUSK
YS-2 Madden Ck.	2800	510400	5113250		
YS-3 Eagle Ck.	2900	521106	5096637		

1995 Drift Fence with funnel trap data

Location	Habitat	Date	Time	Trap#	Species	Mass (g)	SVL (cm)	TL (cm)	Observer(s)	Precip.	Cld.cover	Comments
Salmon River	T-2	5/31	1230	3	COCO	82			Llewellyn	0	0	
	T-2	5/31	1230	3	COCO	20		20 in.	Llewellyn	0	0	TL's are approximate
	T-1	5/31	1335	1	COCO	67		30 in.	Llewellyn	0	0	TL's are approximate
Salmon River	T-2	6/8	1205	B	BUBO				Llewellyn	0		Adult, dead
	T-1	6/8	1225	B	BUBO				Llewellyn	0		Adult, dead
	R-1	6/8	1300	4	SCOC	7			Llewellyn	0		
Salmon River	R-1	6/13	1504	B	SCOC	6		13.2	Llewellyn	0		
Salmon River	R-1	6/21	1500	B	SCOC	5		11.4	Llewellyn	light	100	
	R-1	6/21	1500	B	SCOC	7		12.5	Llewellyn	light	100	
	T-2	6/21	1403	1	COCO		64.5	87.3	Llewellyn	on/off	100	
Salmon River	R-1	6/29	1445	1	PIME	170		90	Henderson			
	T-2	6/29	1615	3	PIME	69		66	Henderson	0	0	
	T-1	6/29	1645	1	COCO	68		72	Henderson	0	0	Dead female w/ 5 eggs
	T-1	6/29	1645	1	COCO				Henderson	0	0	small snake; found under trap
Salmon River	T-1	7/07	1530	B	BUBO	10			Henderson	0	2	a large toad
Salmon River	T-2	7/13	1300	B	SCOC	7		14	Llewellyn	0	60-100	muggy,
	T-2	7/13	1300	4	CRVI			18 in.	Llewellyn	0	60-100	muggy,
	T-1	7/13	1335	2	BUBO				Llewellyn	0	60-100	Dead inside the trap
	R-1	7/13	1405	3	SCOC	5		11.5	Llewellyn	0	60-100	muggy,
Salmon River	T-2	7/18	1155	3	HYTO	36	35.5	46	Llewellyn	0	0	temp. over 100. Aggressive
Salmon River	T-1	7/23	930	2	COCO	28		51.2	Llewellyn	0	0	temp. 90's
Snake River	R-2	6/5	1130	B	COCO	10	30	39	Anderson, Benker	100	100	juvenile
Snake River	water	6/27	945	3	COCO	129	51	68	Anderson, Benker	0	0	
Snake River	Iris	7/10	1600	4	COCO		61	79	Anderson	0	90	
Snake River	water	7/25	1345	1	COCO	80	54.5	73.6	Llewellyn	0	0	female
	water	7/25	1345	1	COCO				Llewellyn	0	0	dead, head caught in funnel
Snake River	water	7/29	1200	4	COCO	71			Llewellyn	0	0	got away before I could measure

Salmon River traps- opened 5/26, closed 7/23. Total days = 59

Snake River - Iris, Waterfall traps opened 6/15, closed 7/10. Reopened 7/20, closed 7/29. Total days = 34

Snake River- Riparian opened 5/24, closed 7/10. Reopened 7/20, closed 7/29. Total days = 56

Appendix D

**1994
Road Driving
Calling surveys
and
1995 Terrestrial Surveys**

1994 Road Driving and Calling Survey Data

Day	M	YR	START	END	ROAD OR ROUTE	OBSERVERS	TEMP. (C)	WIND	PRECIP.	SPP.	#	TL	MASS (g)	TIME	UTM-N	UTM-E	HABITAT
17	4	94	1953	2145	Larabee Meadows	R. Llewellyn	45 F	calm	0	BUBO	1			2036	5106240	518385	Road
17	4	94	1953	2145	Larabee Meadows	R. Llewellyn				HYRE	1			2048	5106900	519275	Meadow
17	4	94	1953	2145	Larabee Meadows	R. Llewellyn				BUBO	1			2114	5106400	515755	Road
17	4	94	1953	2145	Larabee Meadows	R. Llewellyn				HYRE	>3			2137	5106505	515223	Meadow
18	4	94	2045	2108	540 Rd. from BM	R. Llewellyn		light	light	HYRE	1			2103	5108975	516597	Meadow
18	4	94	2045	2108	540 Rd. from BM	R. Llewellyn				RAPR	1			2103	5107890	516415	Rd.540 Pond
19	4	94	1930	2200	575 Rd.& Sold. Mdws.	Llewellyn;Cassirer	5	light	0	HYRE	>3			2005	5111905	516950	Meadow
19	4	94	1930	2200	575 Rd.& Sold. Mdws.	Llewellyn;Cassirer				BUBO	1			2215	5110650	523298	
19	4	94	1930	2200	575 Rd.& Sold. Mdws.	Llewellyn;Cassirer				BUBO	1			2233	5112345	520275	
24	4	94	1955	2055	Larabee Meadows	Llewellyn	4	calm	100								
24	4	94	2055	2150	Soldiers Meadow	Llewellyn	4	calm	100								
10	5	94	1930	2110	540 Rd & Sold. Mdws.	Llewellyn	12	light	0	HYRE	>3			1918	5109120	516422	Meadow
10	5	94	1930	2110	540 Rd. & Sold. Mdws.	Llewellyn	12	light		HYRE	2			1940	5110355	516305	Meadow
31	5	94	2142	2442	Salmon River Road	Llewellyn; Singer	15.8	muggy	ovcast	BUBO	1			2153	5093005	522297	On Road
31	5	94	2142	2442	Salmon River Road	Llewellyn; Singer	15.8	muggy	ovcast	BUBO	1			2207	5095084	522395	On Road
31	5	94	2142	2442	Salmon River Road	Llewellyn; Singer	15.8	muggy	ovcast	BUBO	1			2213	5093105	522455	On Road
31	5	94	2142	2442	Salmon River Road	Llewellyn; Singer	15.8	muggy	ovcast	BUBO	1			2215	5093150	522505	On Road
31	5	94	2142	2442	Salmon River Road	Llewellyn; Singer	15.8	muggy	ovcast	BUBO	1			2217	5090950	520925	On Road
9	6	94	2034	120	Salmon River Road	Llewellyn;Singer	18	calm	clear	HYRE	1			2035	5107545	504190	Near river
9	6	94	2034	120	Salmon River Road	Llewellyn;Singer	18	calm	clear	HYRE	2			2043	5110800	505320	Near river
9	6	94	2034	120	Salmon River Road	Llewellyn;Singer	18	calm	clear	HYRE	3			2420	5107645	504195	SFCJ
20	6	94	2240	2309	540 Road	Llewellyn;Johnson	60F	calm	clear	BUBO	1			2251	5107705	516398	On Road
20	6	94	2240	2309	540 Road	Llewellyn;Johnson	60F	calm	clear	BUBO	1			2253	5108380	516510	On Road
20	6	94	2323	100	Salmon River Road	K. Singer	23	calm	clear	BUBO	1	11.5	110	1131	5093175	522400	On Road
20	6	94	2323	100	Salmon River Road	K. Singer	23	calm	clear	BUBO	1	10	107	1140	5092690	521860	On Road
20	6	94	2323	100	Salmon River Road	K. Singer	23	calm	clear	BUBO	1	9	23	2405	5091380	521160	On Road
20	6	94	2323	100	Salmon River Road	K. Singer	23	calm	clear	BUBO	1	10.2	110	2425	5090625	520450	On Road
22	6	94	250	313	Zaza Road	K. Singer	12	calm	clear	BUBO	1	11.5	134	2437	5090250	519775	On Road
22	6	94	250	313	Zaza Road	K. Singer	12	calm	clear	BUBO	1	9.8	76	250	5104770	512175	On Road
23	6	94	2045	2250	Sold.Mdws...Zaza	Llewellyn	17	light	ovcast					255	5102780	511860	On Road
24	6	94	1910	1925	540, Waha Rd.	K. Singer		calm	clear	CHBO	1			1920	5116825	513250	On road
27	6	94			Zaza Road	K. Singer				BUBO	1			5099960	511950		
27	6	94			Zaza Road	K. Singer				BUBO	1			5100052	511860		

Day	M	YR	START	END	ROAD OR ROUTE	OBSERVERS	TEMP. (C)	WIND	PRECIP.	SPP.	#	TL	MASS (g)	TIME	UTM-N	UTM-E	HABITAT
28	6	94	2213		Salmon River Road	Llewellyn;Singer		calm	clear	BUBO	2			2232	5090518	520050	On road
28	6	94			Salmon River Road	Llewellyn;Singer		calm	ovcast.	BUBO	1	10.2	146	2240	5092895	522020	On road
6	7	94	2200	2318	540 Rd.and Waha Rd.	R. Llewellyn	40's	calm	clear	BUBO	1	9.2	102	2309	5112698	515400	On Road
8	7	94	2201	2246	540 Rd.and Waha Rd.	Llewellyn;Mancuso	40's	calm	clear	CHBO	1			2220	5116500	513755	On road
14	7	94			Salmon River Road	Bob Lantz		calm	clear	CRVI	1				5090395	519760	
14	7	94			Salmon River Road	Bob Lantz		calm	clear	CRVI	1				5090180	519755	
30	7	94			540 and Waha Rd	Llewellyn				CHBO	1				5100438	509446	On Road

Terrestrial Surveys

Date 1995	Location	Station	Time start	Time end	Total survey time (2 x elapsed time)	Animals observed
13-Jun	Salmon River	1	1400	1415	30 min	
		2	1715	1800	90 min	2- W. Fence Lizards
14-Jun	Salmon River	1	830	850	40 min	
		2	930	1030	120 min	1- Racer
		3	1100	1130	60 min	1- Night Snake; 1- W. Fence Lizard
		4	1144	1225	90 min	2- fence lizards; 1- rattlesnake
		5	1315	1440	180 min	5- fence lizards
16-Jun	Snake River	1	920	1230	360 min	2- Racers; 2-W. Terrestrial Garter Snakes
27-Jun	Corral Creek	2	1540	1630	120 min	1- Racer
		3	1300	1430	180 min	1- rattlesnake
		4	1015	1140	180 min	
		5	900	1000	120 min	1- Racer
28-Jun	Cave Gulch		1430	1730	360 min	2- Racers; 1- attlesnake;
	Creek					1- fence lizard

Total: 1860 min. (31 hrs) 19 animals = 0.77 animals/hour

All surveys had 2 observers. The specific location of all stations are shown on topographic maps following this chart.

1995 Routes taken for Terrestrial Surveys

