

Supplemental Table 3. Location, stream, cover, and shade habitat attributes for locations where marked *Rana sierrae* frogs were found for each stream reach, 2009-2011. All distances and depths are reported in meters (m).

Measurement Attributes	Independence Creek					Lone Rock Creek					South Fork Rock Creek					Boulder Creek				
	N	Mean	SD	Min	Max	N	Mean	SD	Min	Max	N	Mean	SD	Min	Max	N	Mean	SD	Min	Max
Distance to water	18	0.1	0.1	0.0	0.5	4	0.2	0.1	0.0	0.3	5	0.1	0.0	0.0	0.1	2	0.3	0.3	0.1	0.5
Distance to shore	40	0.4	0.4	0.1	1.5	47	0.5	0.9	0.0	4.5	12	0.4	0.5	0.0	1.7	3	0.2	0.1	0.2	0.3
Water depth	58	0.05	0.08	0.00	0.40	51	0.17	0.19	0.00	0.80	17	0.04	0.09	0.00	0.38	5	0.09	0.09	0.00	0.20
Wetted width	58	4.1	2.8	0.0	11.0	51	3.1	1.8	0.3	8.0	17	2.2	1.1	0.2	4.0	5	1.5	0.7	0.8	2.5
<u>Cover in Water</u>																				
Total (%)	40	53.4	26.1	10	100	47	47.1	32.7	0	100	12	54.2	23.5	10	80	3	100.0	0.0	100	100
Herbaceous (%)	40	17.7	21.2	0	90	47	9.9	20.3	0	90	12	9.7	15.4	0	50	3	45.7	44.5	20	100
Woody vegetation (%)	40	31.3	31.2	0	100	47	16.0	30.3	0	100	12	0.8	2.9	0	10	3	1.0	1.7	0	3
Woody debris (%)	40	13.2	16.8	0	60	47	2.2	6.5	0	40	12	12.7	22.0	0	80	3	26.7	28.9	10	60
<u>Cover on Shore</u>																				
Total (%)	18	63.9	25.9	20	100	4	44.3	39.1	10	100	5	62.0	31.1	10	90	2	30.0	14.1	20	40
Herbaceous (%)	18	34.6	33.8	0	90	4	27.5	42.7	0	90	5	19.2	23.8	3	60	2	25.0	7.1	20	30
Woody vegetation (%)	18	29.4	31.2	0	100	4	23.3	25.5	3	60	5	3.2	4.1	0	10	2	5.0	7.1	0	10
Woody debris (%)	18	8.7	14.9	0	50	4	0.0	0.0	0	0	5	24.0	25.1	0	50	2	0.0	0.0	0	0
<u>Shade</u>																				
Total (%)	18	61.5	22.0	18	98	19	49.6	28.1	6	93	3	69.3	30.6	34	88					
Conifer (%)	18	34.7	27.7	0	95	19	43.3	40.0	0	100	3	99.0	1.0	98	100					
Broadleaf (%)	18	65.9	27.2	5	100	19	56.8	40.0	0	100	3	1.0	1.0	0	2					