The Status of Fishes on the Challis Ranger District, Salmon-Challis National Forest (2001-2004)

Prepared by:

Jessica A. Bartel
Bart L. Gamett
Jason C. Pyron

Zone Fish Program
Lost River and Challis Ranger Districts
Salmon-Challis National Forest

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Revision Note: This report was originally published on July 7, 2004. It was later discovered that there were some errors in the length of occupied stream that was reported for some species. These errors were caused by calculation errors in the Geographic Information System. The errors only involve the length of occupied stream that was reported for some species in the Findings and Discussion section and do not involve any of the maps or other data in the original document. The errors were corrected and the report republished on January 16, 2009. The January 16, 2009 version replaces the previous version of this report.

INTRODUCTION

Data relating to fish populations on the Challis Ranger District are limited. Although some data have been collected, these efforts have generally focused on a few large streams and little or no data exist for most of the small streams on the district. This lack of data has limited the ability of managers to develop effective fish and fish habitat management plans. The purpose of this project was to help rectify this problem by collecting fish population data from streams throughout the Challis Ranger District. The specific objectives were to 1) determine species occurrence and distribution across the entire ranger district and 2) estimate species abundance in selected stream reaches. The study area included the entire Challis Ranger District (Appendix A, Figure 1) and was conducted between 2001 and 2004.

METHODS

Species occurrence and distribution were determined through a methodical assessment of streams in the study area. This involved systematically reviewing the study area using maps, aerial photographs, and field reviews to locate streams. Each stream was then classified as perennial or ephemeral-intermittent. Previous experience has shown that maps and GIS coverages may not accurately differentiate perennial and ephemeral-intermittent streams. Therefore, the classification of streams was made using only aerial photographs and field reviews. Streams classified as ephemeral-intermittent were considered fishless and were given no further review whereas perennial streams were further evaluated as described below.

Each perennial stream was classified as either potential fish habitat or unsuitable fish habitat. This classification was made primarily on the basis of stream flow. Streams were generally classified as unsuitable fish habitat only when there appeared to be insufficient flow to support fish on a year round basis. Any stream classified as unsuitable fish habitat was considered to be fishless.

Streams classified as potential fish habitat were sampled to determine whether or not fish were present. This involved sampling a representative stream reach using a visual assessment, electrofishing, or snorkeling. The visual assessments involved an observer walking along the stream and carefully examining the stream for fish. This technique was generally only used on small streams when the presence of fish was unlikely and confidence was high that any fish present would be detected. When fish were observed or the observer was not confident that fish could be detected the stream was sampled using electrofishing or snorkeling. Electrofishing was completed with a backpack electrofishing unit with one or more netters. A single upstream pass was completed through the stream reach. All salmonids captured were identified to species and the total length measured to the nearest mm. The presence of non-salmonid species was noted but they were not enumerated or measured. The snorkeling involved one observer making a single pass upstream through the stream reach. All salmonids observed were identified to species and the length estimated and assigned to one of the following size classes: 0-49, 50-99, 100-199, 200-299, and 300-399 mm. As with electrofishing, the presence of any non-salmonid species was noted but they were not enumerated or measured.

We also estimated species abundance at selected sites. In electrofishing sites this involved making two to four electrofishing passes through the stream reach. We then generated population estimates for each species using MICROFISH 3.0 (Van Deventer and Platts 1985). Only fish larger than 70 mm were used to calculate population estimates at electrofishing sites. Smaller fish were excluded due to poor capture efficiency. This standard value was selected since there were large differences in the size of age one fish between sites and determining the length of age one fish for every site was very subjective and prone to error. This standard size, which should generally reflect age one and older fish, allows for ease in comparing sites and in duplicating the study. In snorkeling sites, we generated population estimates for each species by totaling the number of fish that were observed that were greater than 50

mm. We calculated fish densities at both electrofishing and snorkeling sites by dividing the population estimate by the surface area of the site. We calculated the surface area of the site by multiplying the mean wetted width by the length sampled.

We attempted to identify trout hybrids in the field. However, we were not confident in our ability to correctly differentiate cutthroat trout and cutthroat trout x rainbow trout hybrids based on phenotypic features. Therefore, in this report we grouped fish appearing to be cutthroat trout x rainbow trout hybrids with cutthroat trout. Brook trout x bull trout hybrids were treated differently. Previous work has shown that we can correctly identify these hybrids based on physical appearance (Lost River Ranger District, unpublished data). Therefore, we identified brook trout x bull trout hybrids in the field and treated these fish separate from brook trout and bull trout in this report.

We did not identify sculpin to species due to the difficulty in differentiating the various sculpin species. However, we did collect and preserve representative specimens of sculpin from several locations. These specimens were deposited in the Orma J. Smith Museum of Natural History at Albertson College of Idaho. Donald W. Zaroban, Curator of Fishes, will identify these fish to species and the results of this work will be published at a later date.

Data for each site were entered into a GIS database. We used the UTM coordinate system and the North American Datum of 1927 (NAD 27). Since the study area included portions of UTM Zone 11 and UTM Zone 12 we projected all UTM coordinates into Zone 11 to avoid confusion.

Species distribution was estimated within each stream. This was done by first plotting species occurrence data using the GIS database. We then used information gained from field observations, aerial photographs, and maps to extend species distribution up and down the stream arc. We did not extend species distribution through a sampling site if the species was not observed at that site.

FINDINGS AND DISCUSSION

We assessed a total of 475 sites during this study (Appendix A, Figure 2; Appendix B, Table 1). Perennial streams were found at 197 sites whereas intermittent-ephemeral streams were found at 278 sites. One hundred and ninety-four of the 197 perennial water sites were classified as potential fish habitat. Of the 194 sites classified as potential fish habitat, 51 were assessed with a visual survey, 130 by electrofishing, and 13 by snorkeling. Fish were collected in 117 of the 194 sites. Based on these data we estimated that salmonids occupied approximately 268 km of stream on the Challis Ranger District. The data collected from each site is provided in Appendix C.

Five game fish and two hybrids were captured during this study (Appendix B, Table 2). This included rainbow trout/steelhead *(Oncorhynchus mykiss)*, cutthroat trout *(O. clarki)*, bull trout (*Salvelinus confluentus)*, brook trout *(S. fontinalis)*, mountain whitefish *(Prosopium williamsoni)*, cutthroat trout x rainbow trout hybrids, and brook trout x bull trout hybrids. We estimated salmonid densities at 35 sites (Appendix B, Table 3). Densities ranged from 1.7 fish/100 m^2 in East Fork Pahsimeroi to 51.8 fish/100 m^2 in the upper portion of Eddy Creek. Sculpin were the only non-game species captured in this study. A brief summary of each species is given below.

<u>Rainbow Trout/Steelhead</u>

Rainbow trout/steelhead were somewhat limited in distribution (Appendix A, Figure 3; Appendix B, Table 2). This species was found in 19 (16%) of the sites that contained fish. Rainbow trout/steelhead abundance was greatest in the Middle Fork of Lawson Creek where densities were 33.8 fish/100m^2 (Appendix B, Table 3). We estimated that rainbow trout/steelhead occupied approximately 43 km of stream on the Challis Ranger District.

Cutthroat Trout

Cutthroat trout were the most widely distributed species on the district (Appendix A, Figure 4; Appendix B, Table 2). This species was found in 84 (72%) of the sites that contained fish. Cutthroat trout abundance was greatest in Eddy Creek where densities were as high as 51.8 fish/100m^2 (Appendix B, Table 3). Cutthroat trout occupied approximately 198 km of stream on the Challis Ranger District.

Bull Trout

Bull trout were slightly less widespread relative to cutthroat trout (Appendix A, Figure 5; Appendix B, Table 2). This species was found in 72 (62%) of the sites that contained fish. Bull trout abundance was greatest in the upper reaches of the North Fork of Big Creek where densities were as high as 26.1 fish/100m^2 (Appendix B, Table 3). We estimated that bull trout occupied approximately 178 km of stream on the Challis Ranger District.

Bull trout were particularly abundant within the Pahsimeroi River basin. In this basin, bull trout were present in 39 (89%) of the 44 sampling sites that contained fish and bull trout were present in 18 (78%) of the 23 streams that contained salmonids. Overall, we estimated that bull trout were present within 89 km (94%) of the 95 km of stream occupied by salmonids on national forest lands in the Pahsimeroi River basin. The highest density of bull trout observed in the study (North Fork Big Creek) was located in the Pahsimeroi River basin.

Brook Trout

Brook trout distribution was very limited on the Challis Ranger District (Appendix A, Figure 6; Appendix B, Table 2). This species was found in only nine (8%) of the sites that contained fish. Brook trout abundance was greatest in Challis Creek between Bear Creek and Lodgepole Creek where densities were as high as 2.9 fish/100m^2 (Appendix B, Table 3). All of the sites containing brook trout were located in the Challis Creek drainage and the species was not captured anywhere else in the study area. Brook trout occupied approximately 17 km of stream on the Challis Ranger District. Although brook trout have been found in several other streams below the forest boundary, natural and anthropogenic barriers appear to confine their distribution to these areas.

Brook trout have also been observed in at least three mountain lakes on the Challis Ranger District. These include Carlson Lake, Merriam Lake, and Buster Lake (Challis Ranger District, unpublished data). However, it appears fish from these lakes have not been successful in establishing brook trout populations downstream of these lakes. Brook trout are also present in Mosquito Flat Reservoir (B. Gamett, personal observation).

Brook Trout x Bull Trout Hybrids

We observed one brook trout x bull trout hybrid in one site during this study (Appendix A, Figure 7; Appendix B, Table 2). The site was located in Challis Creek above Mosquito Flat Reservoir (Appendix C) and the fish was 398 mm in length. We also captured two other brook trout x bull trout hybrids in this same general area on August 14, 2002 while sampling for another study (Challis Ranger District, unpublished data). We estimated that brook trout x bull trout hybrids occupied approximately 6 km of stream on the Challis Ranger District.

Mountain Whitefish

Mountain whitefish were only collected in one site (Appendix A, Figure 8; Appendix B, Table 2). This site was located on the mainstem of Morgan Creek at the mouth of Millick Gulch. The presence of this fish in this site is somewhat anomalous since we only captured one fish measuring 68 mm and this species was not captured in any other sites. We estimate that mountain whitefish occupied approximately 2 km of stream on the Challis Ranger District.

Sculpin

Sculpin were the only non-game species observed in this study (Appendix A, Figure 9; Appendix B, Table 2). Sculpin were relatively widespread over the study area and were found in 30 (26%) of the sites that contained fish. Sculpin occupied approximately 89 km of stream on the Challis Ranger District. Sculpin voucher specimens were collected from 17 locations within the study area.

LITERATURE CITED

Van Deventer, J.S. and W.S. Platts. 1985. A computer software system for entering, managing, and analyzing fish capture data from streams. USDA Forest Service Research Note INT-352.

APPENDICES

APPENDIX A – FIGURES

Figure 1. General overview of study area. Salmon-Challis National Forest (outline) and Challis Ranger District (shaded area).

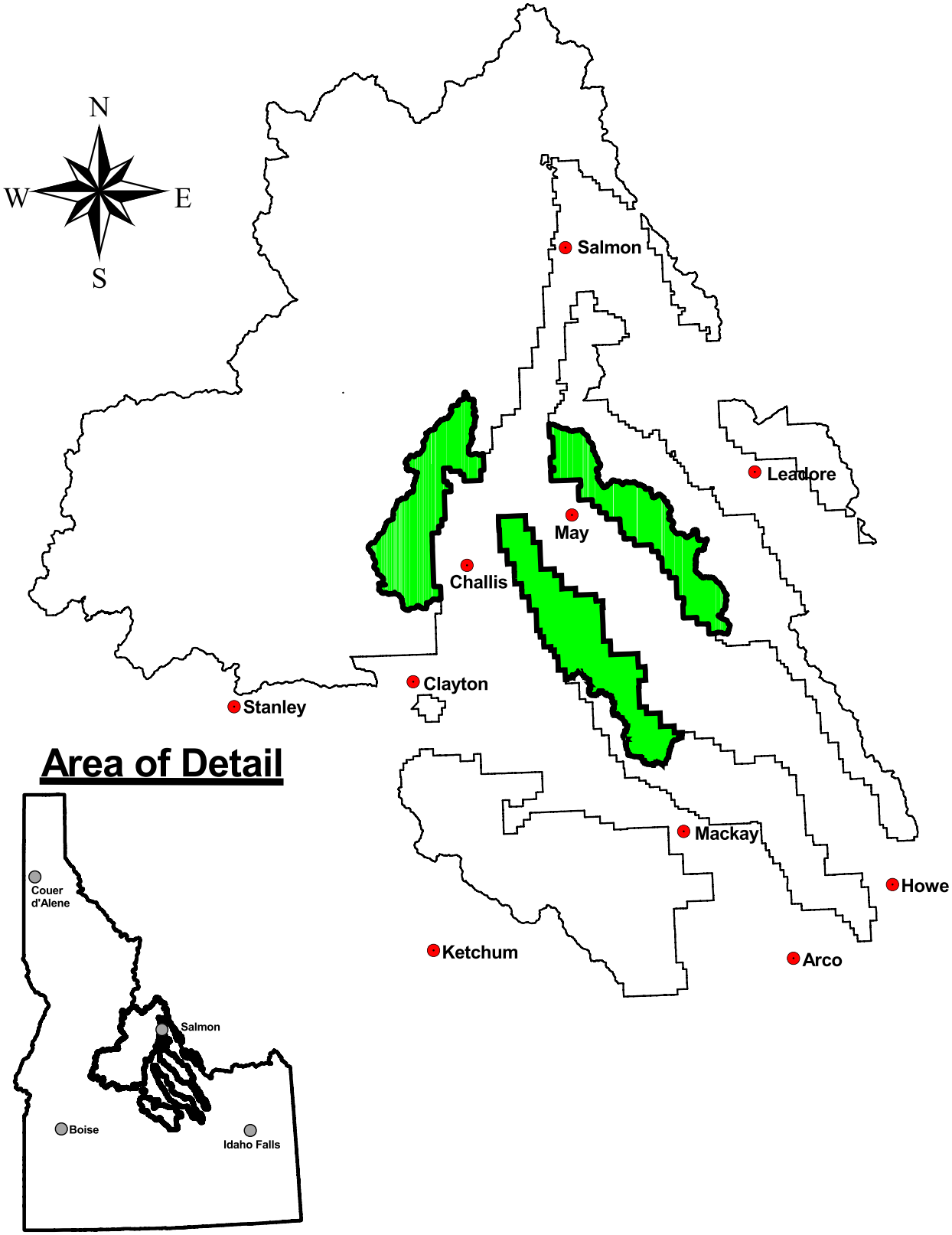


Figure 2a. Study sites located on the northern portion of the Challis Ranger District. The site numbers on this map correspond to the site numbers in the tables and Appendix C.

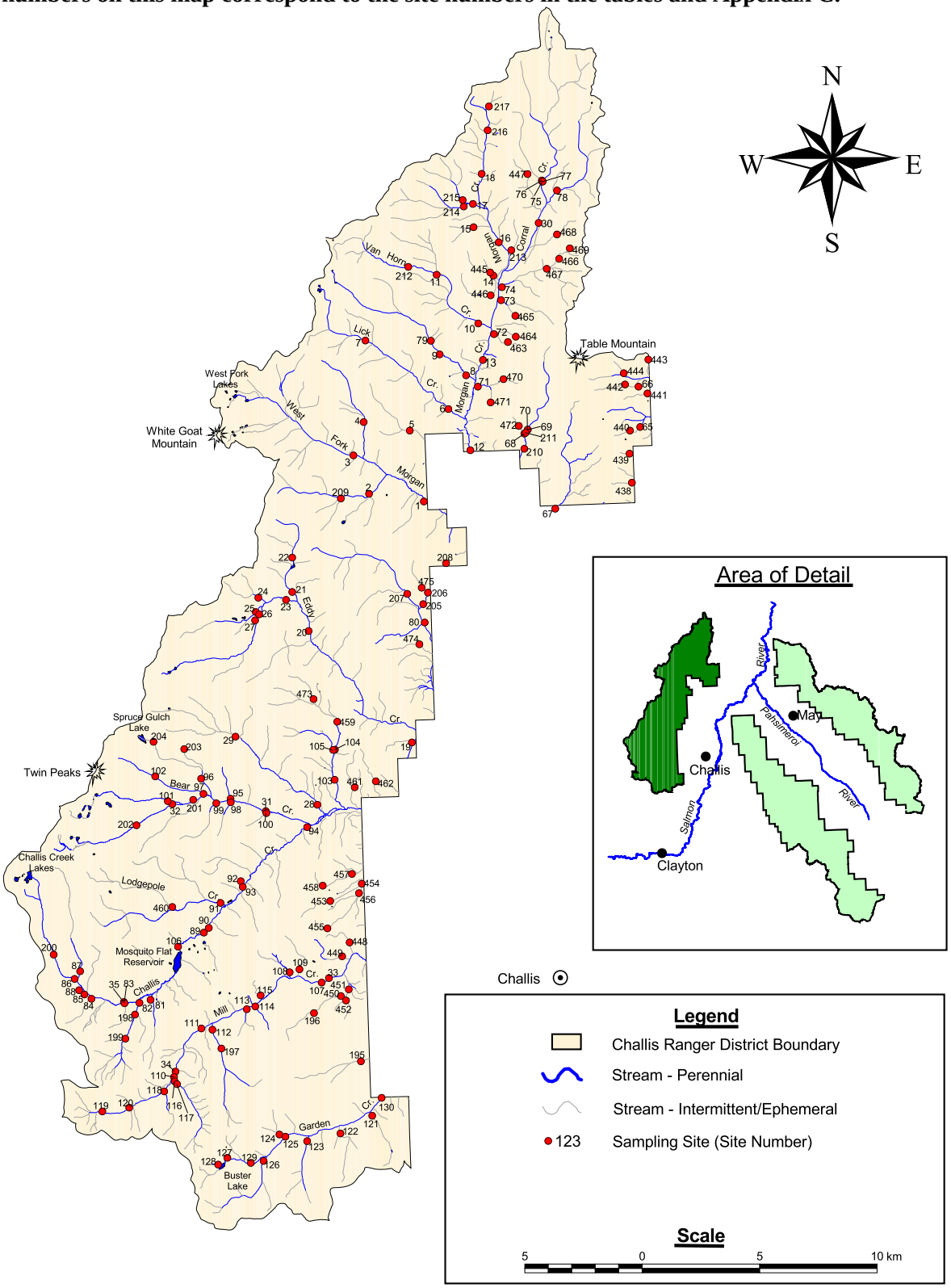


Figure 2b. Study sites located on the southern portion of the Challis Ranger District. The site numbers on this map correspond to the site numbers in the tables and Appendix C.

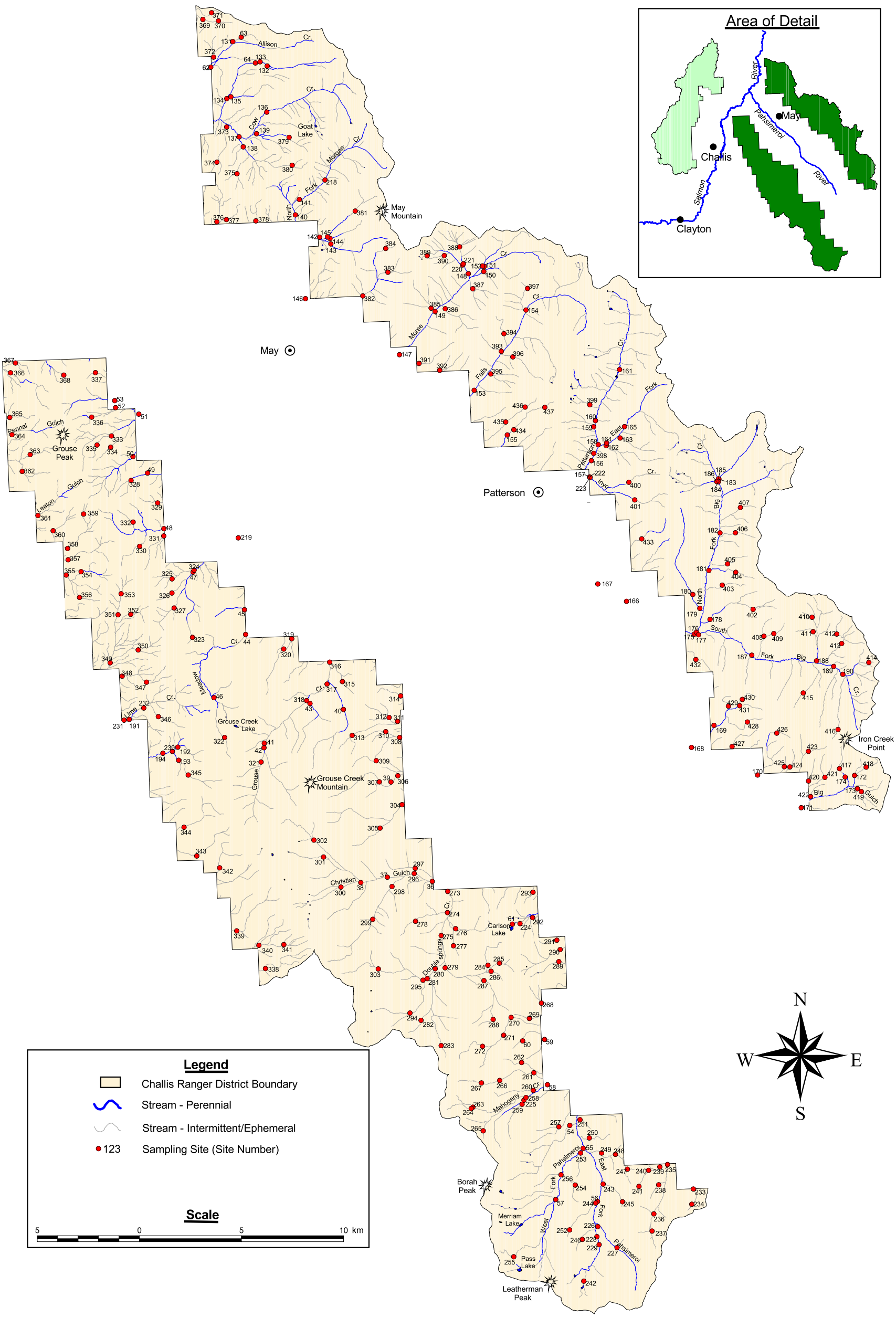


Figure 3a. Rainbow trout/steelhead distribution on the northern portion of the Challis Ranger District.

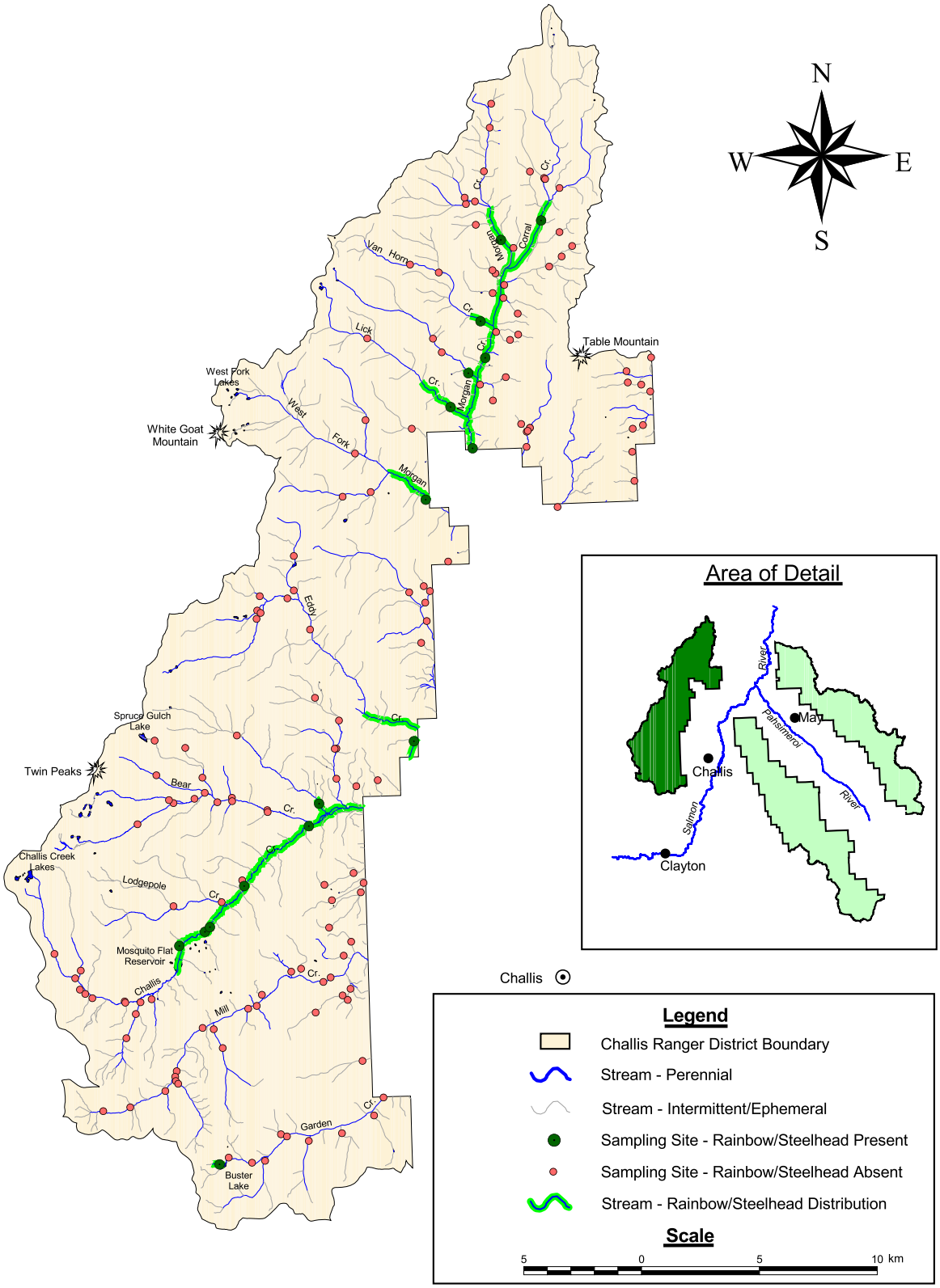


Figure 3b. Rainbow trout/steelhead distribution on the southern portion of the Challis Ranger District.

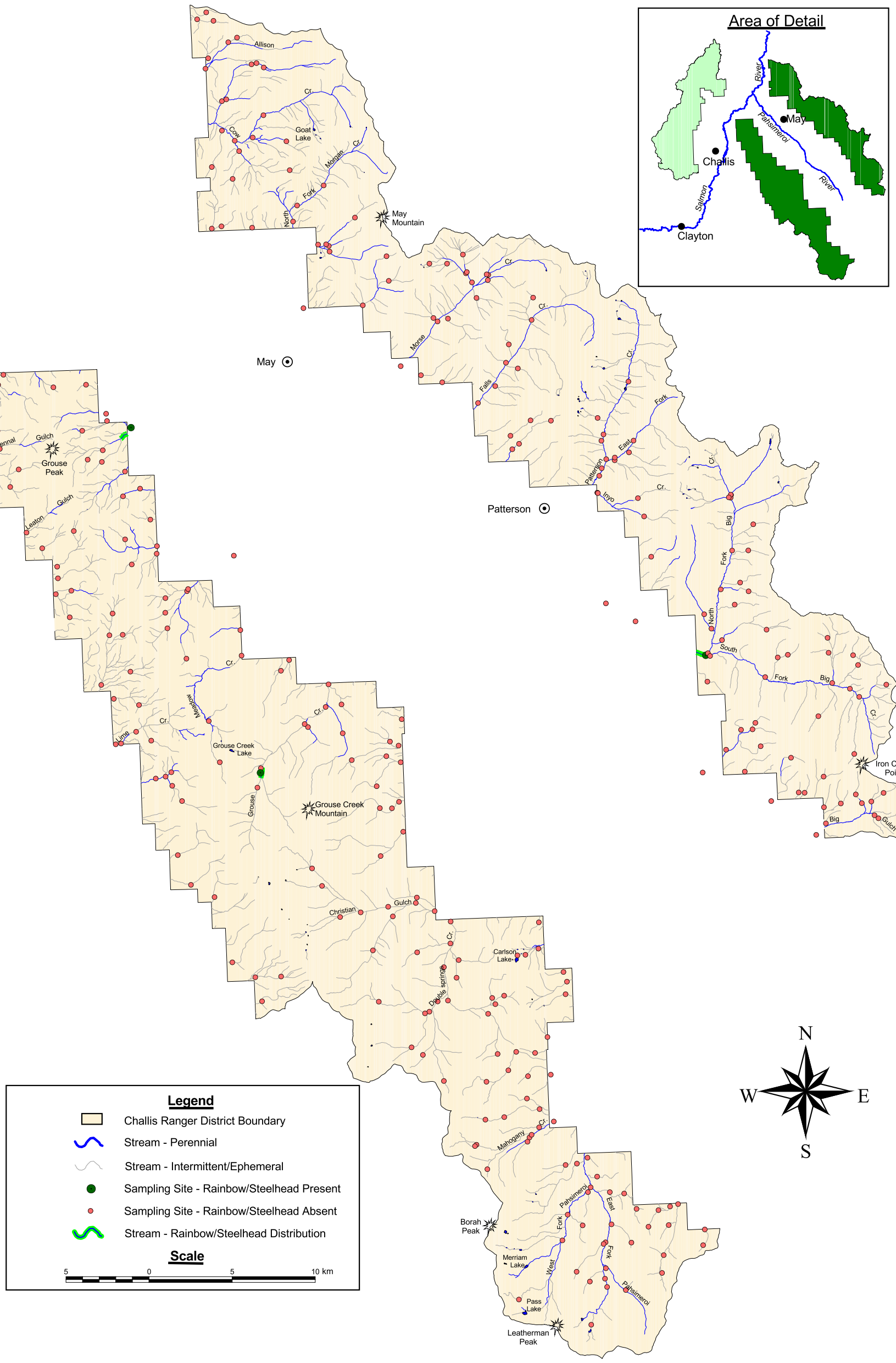


Figure 4a. Cutthroat trout distribution on the northern portion of the Challis Ranger District.

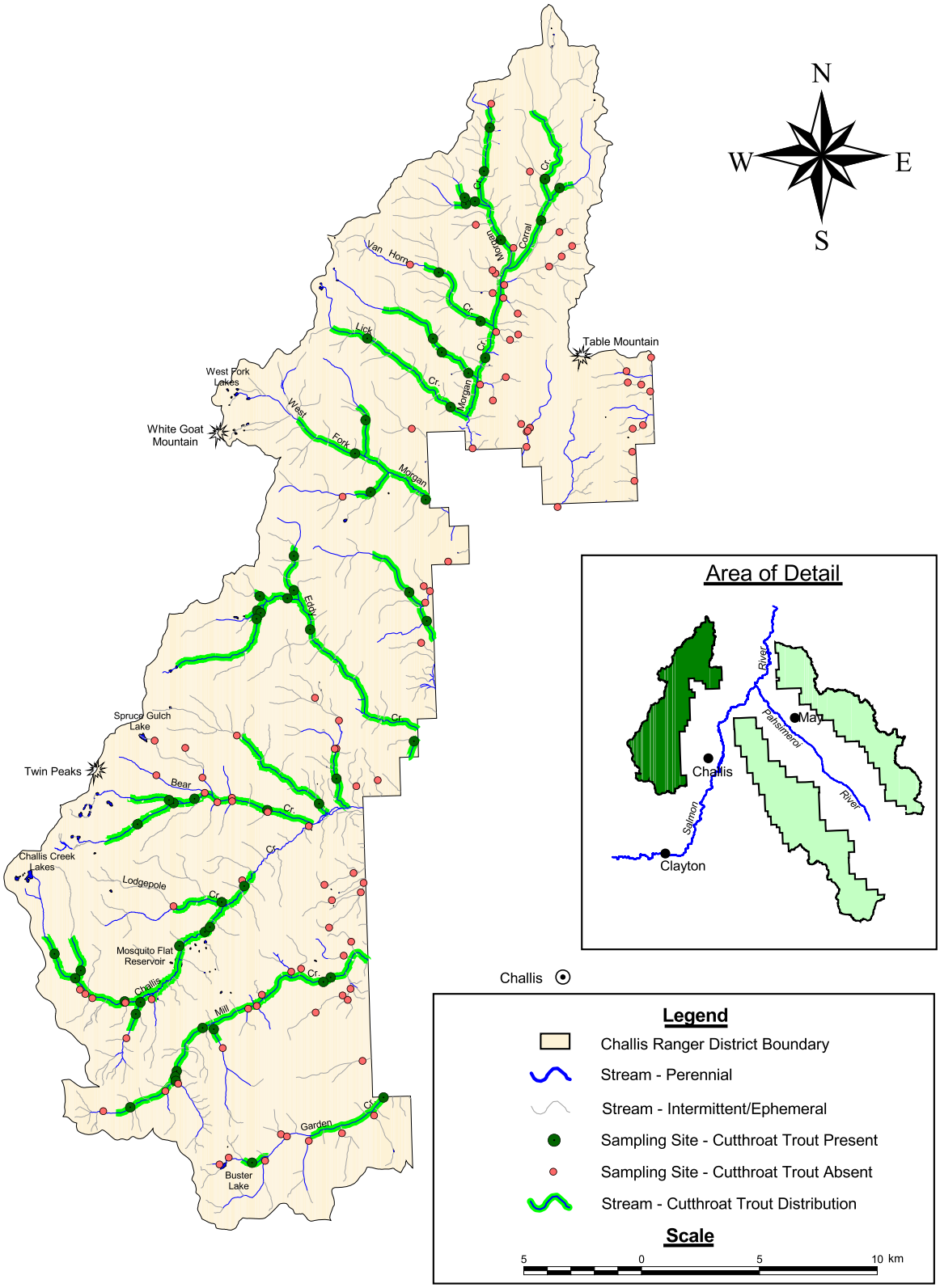


Figure 4b. Cutthroat trout distribution on the southern portion of the Challis Ranger District.

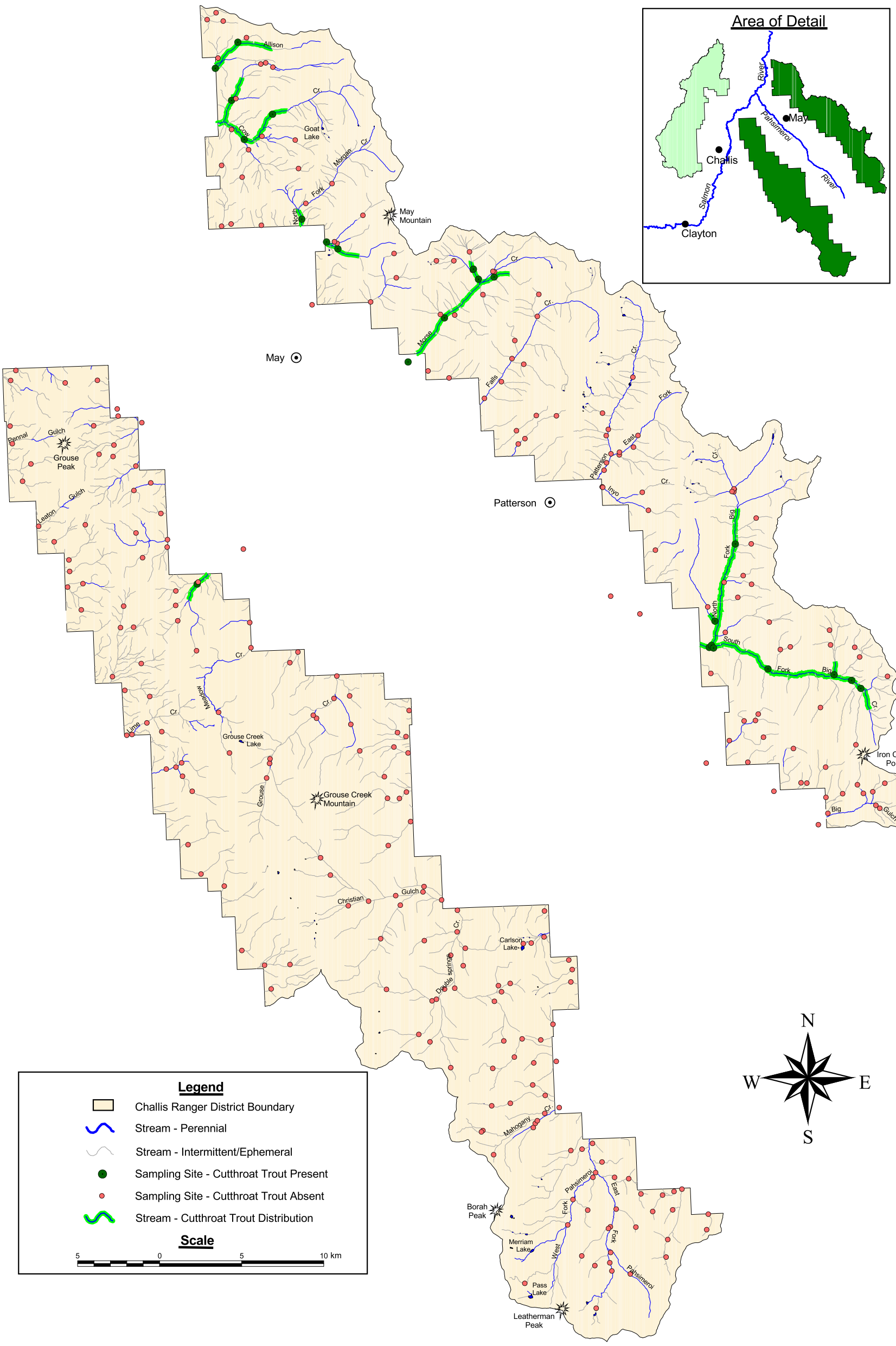


Figure 5a. Bull trout distribution on the northern portion of the Challis Ranger District.

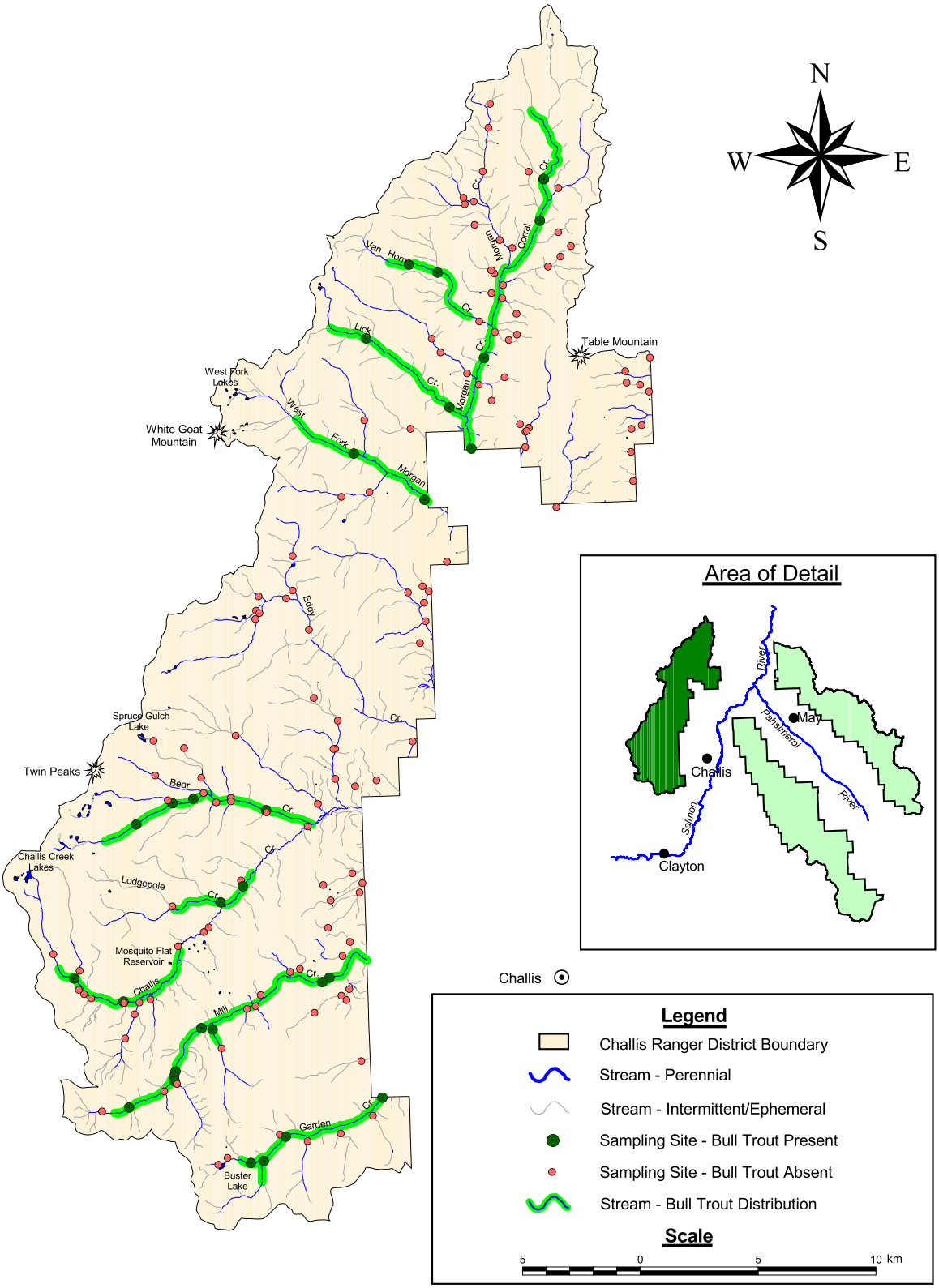


Figure 5b. Bull trout distribution on the southern portion of the Challis Ranger District.

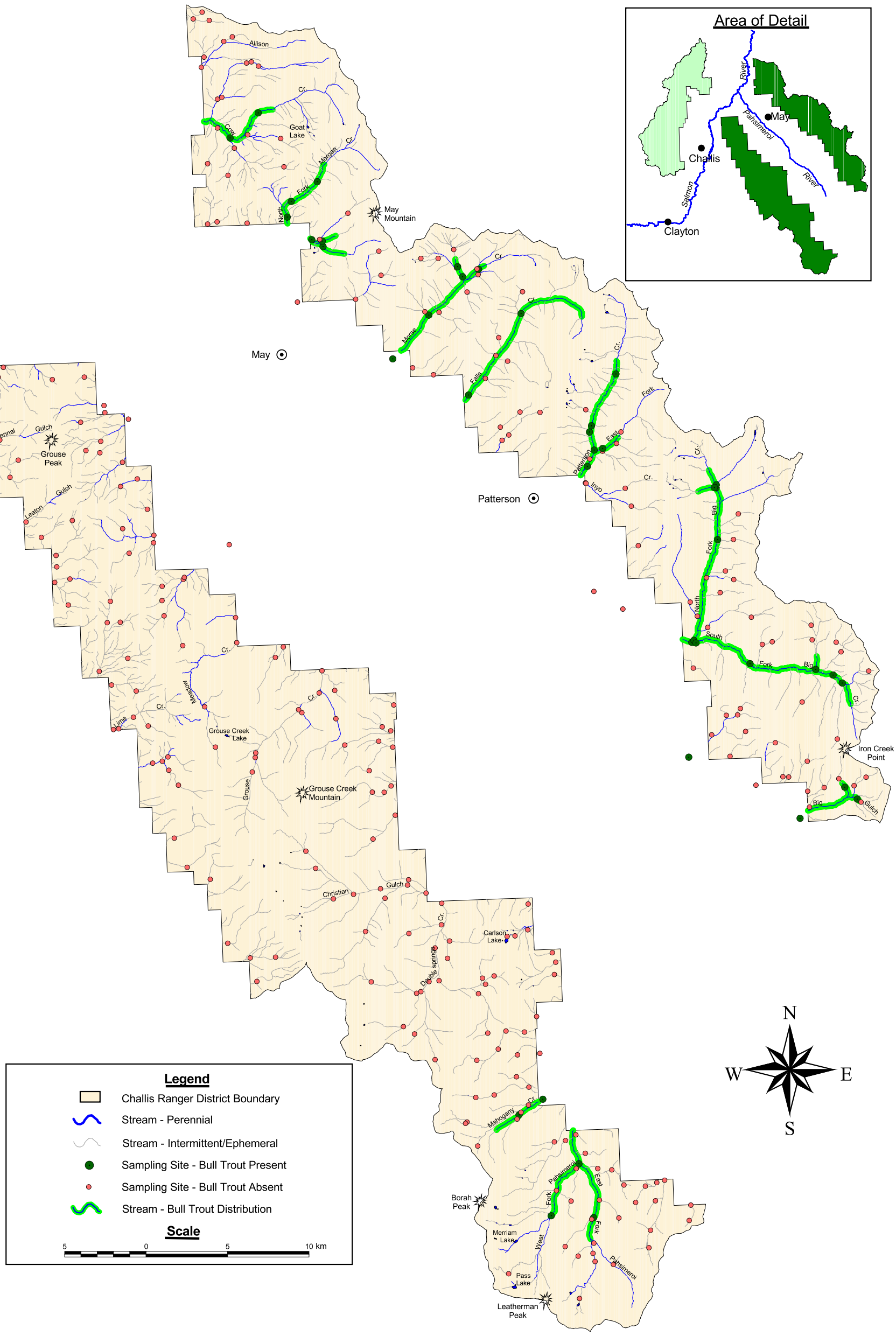


Figure 6a. Brook trout distribution on the northern portion of the Challis Ranger District.

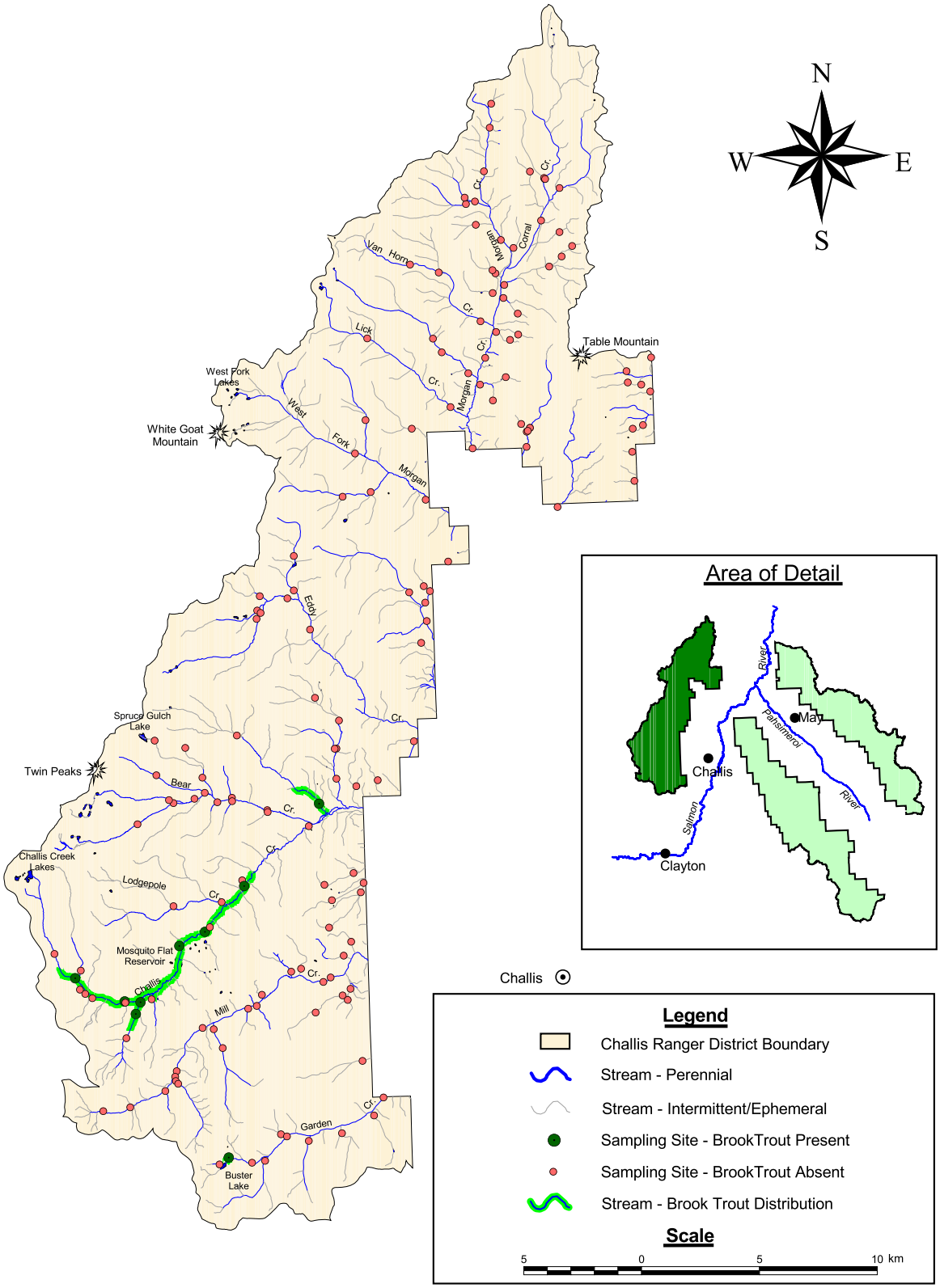


Figure 6b. Brook trout distribution on the southern portion of the Challis Ranger District.

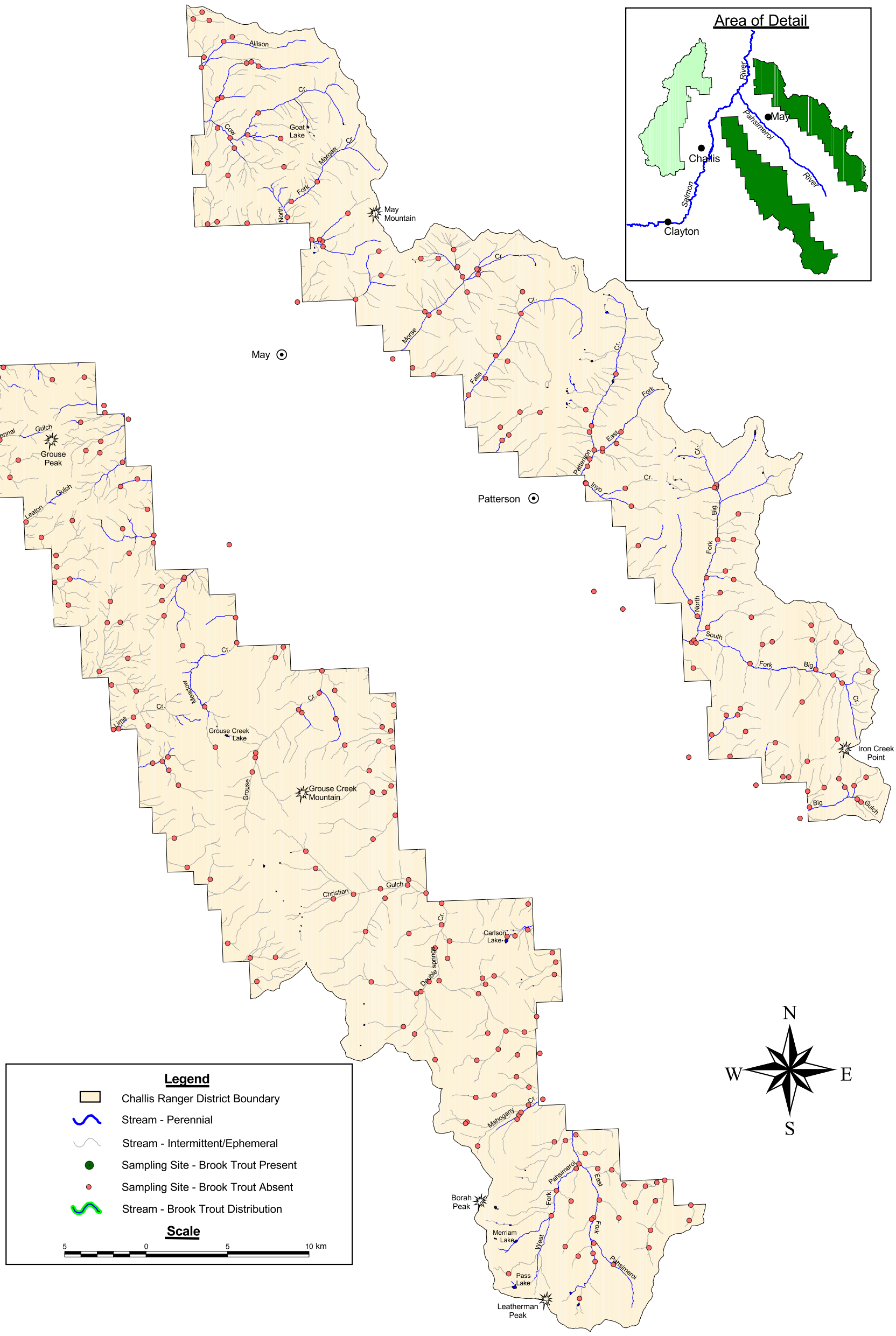


Figure 7a. Brook trout x bull trout hybrid distribution on the northern portion of the Challis Ranger District.

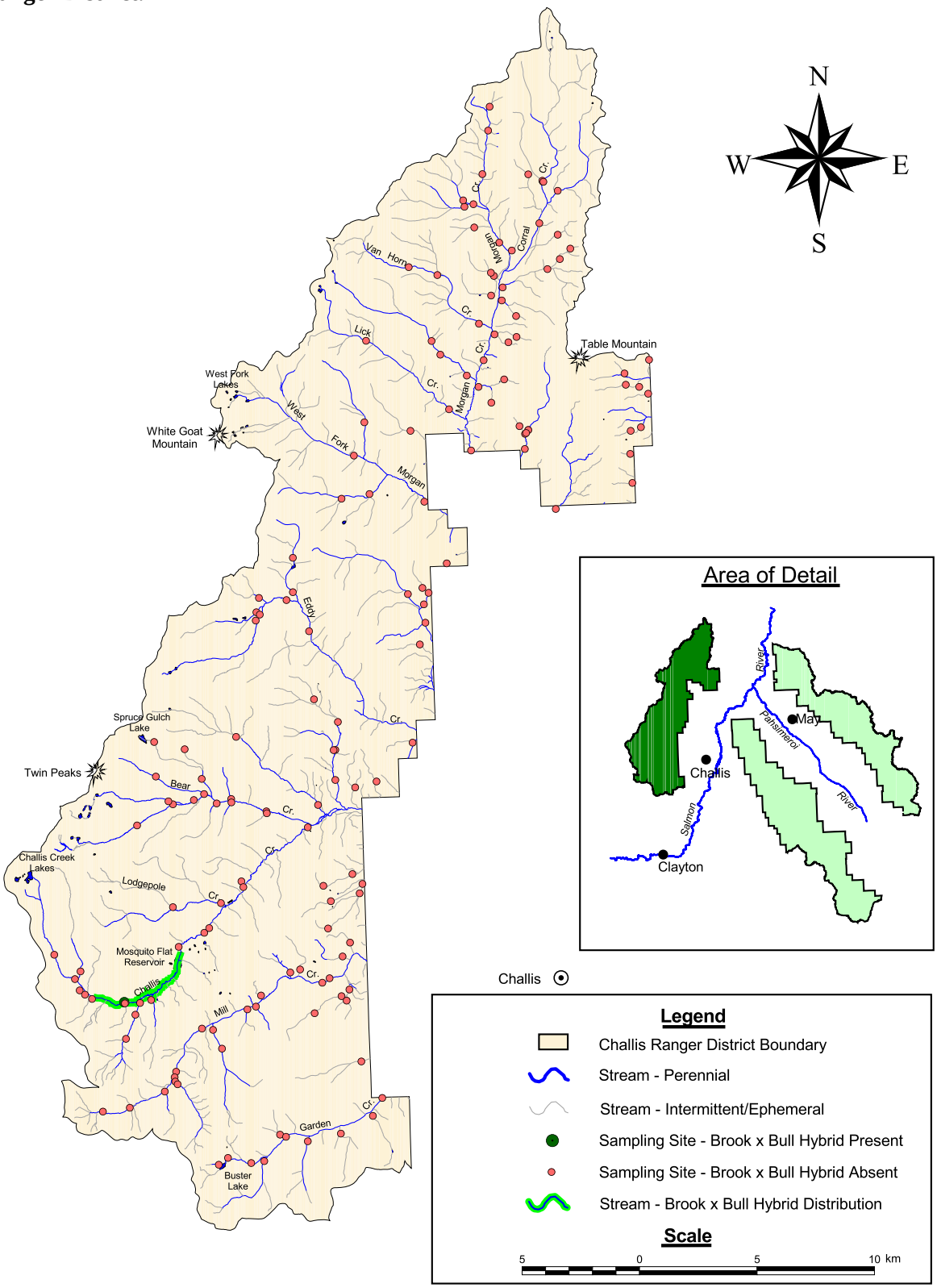


Figure 7b. Brook trout x bull trout hybrid distribution on the southern portion of the Challis Ranger District.

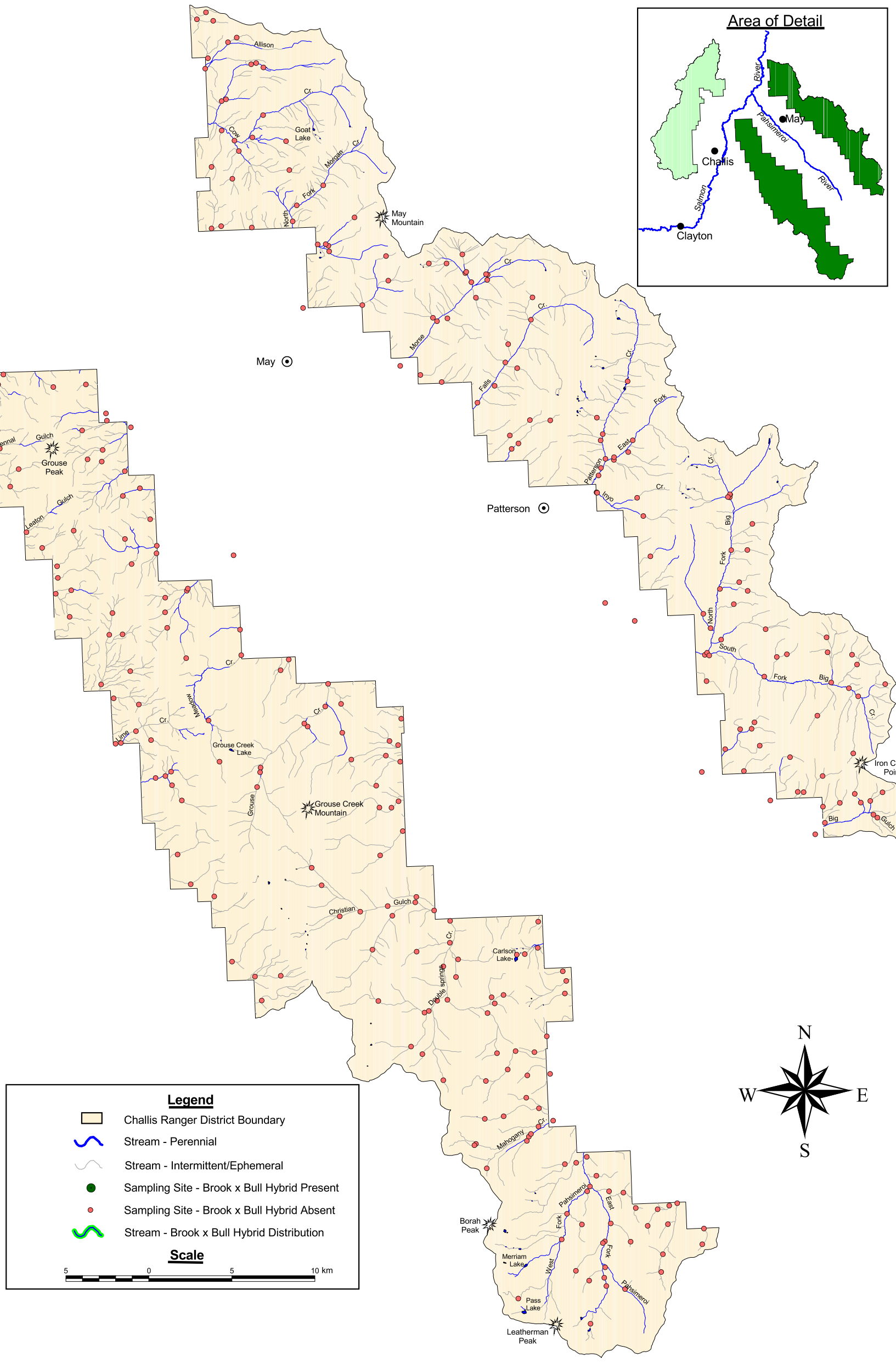


Figure 8a. Mountain whitefish distribution on the northern portion of the Challis Ranger District.

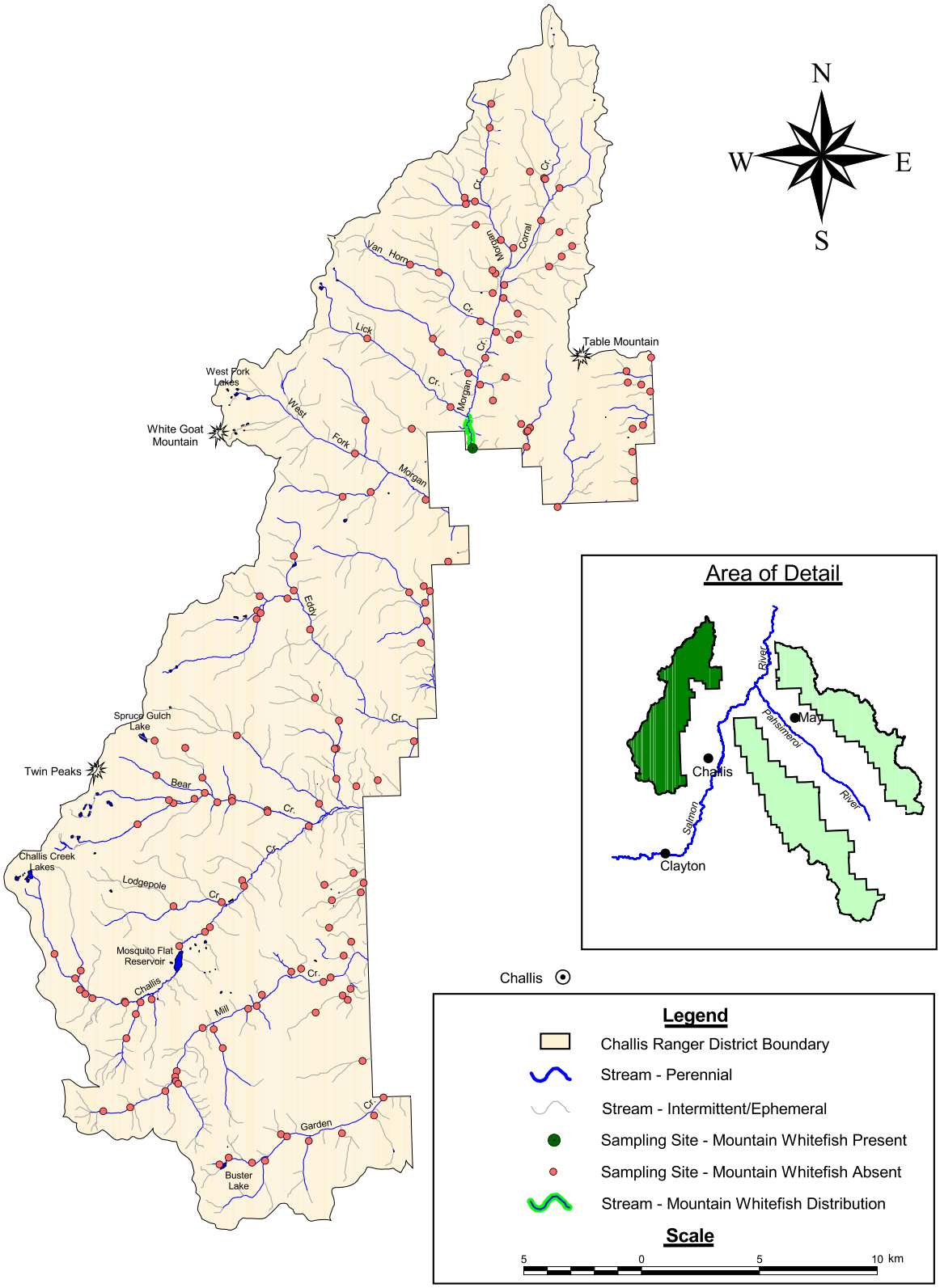


Figure 8b. Mountain whitefish distribution on the southern portion of the Challis Ranger District.

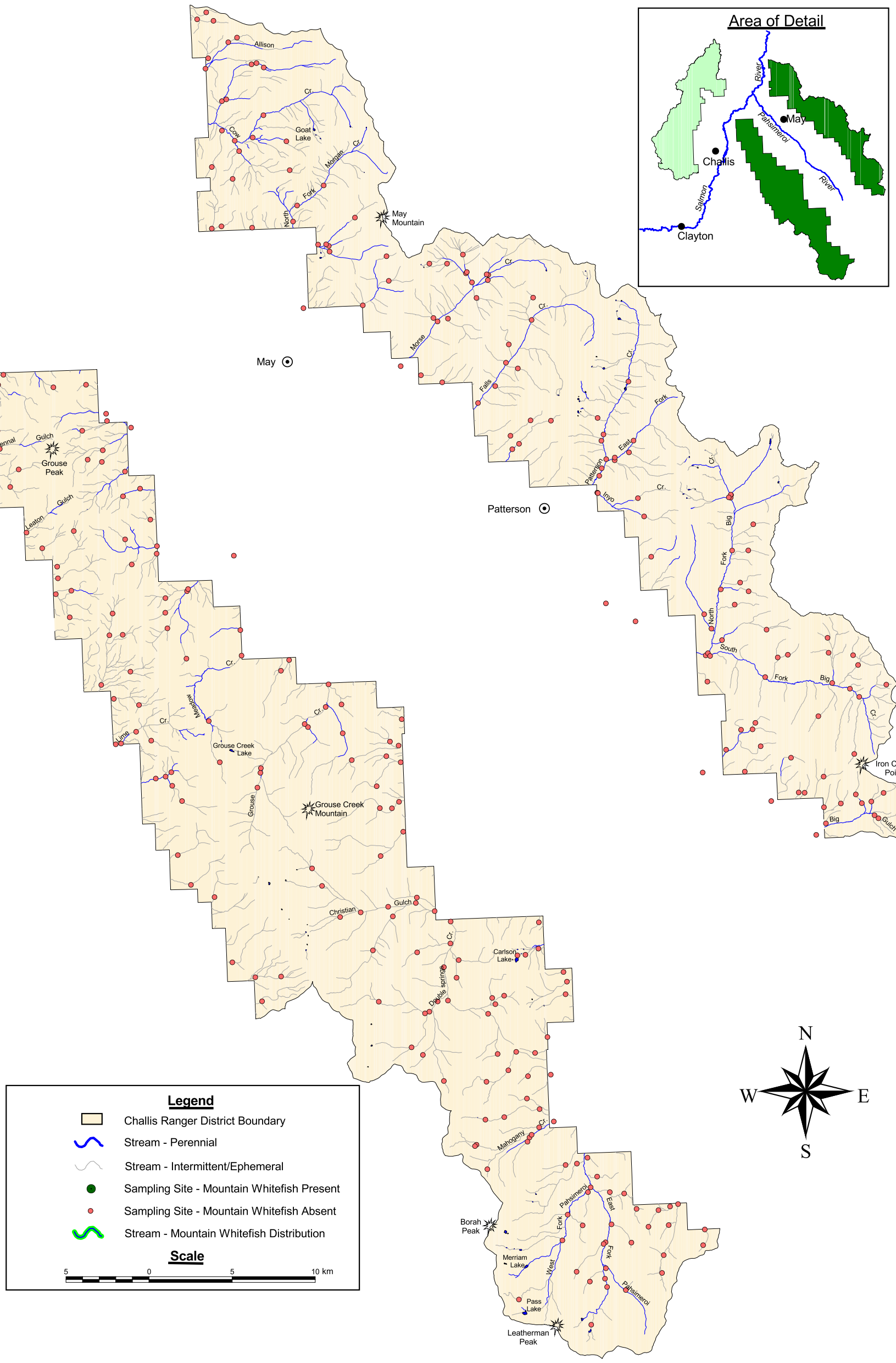


Figure 9a. Sculpin distribution on the northern portion of the Challis Ranger District.

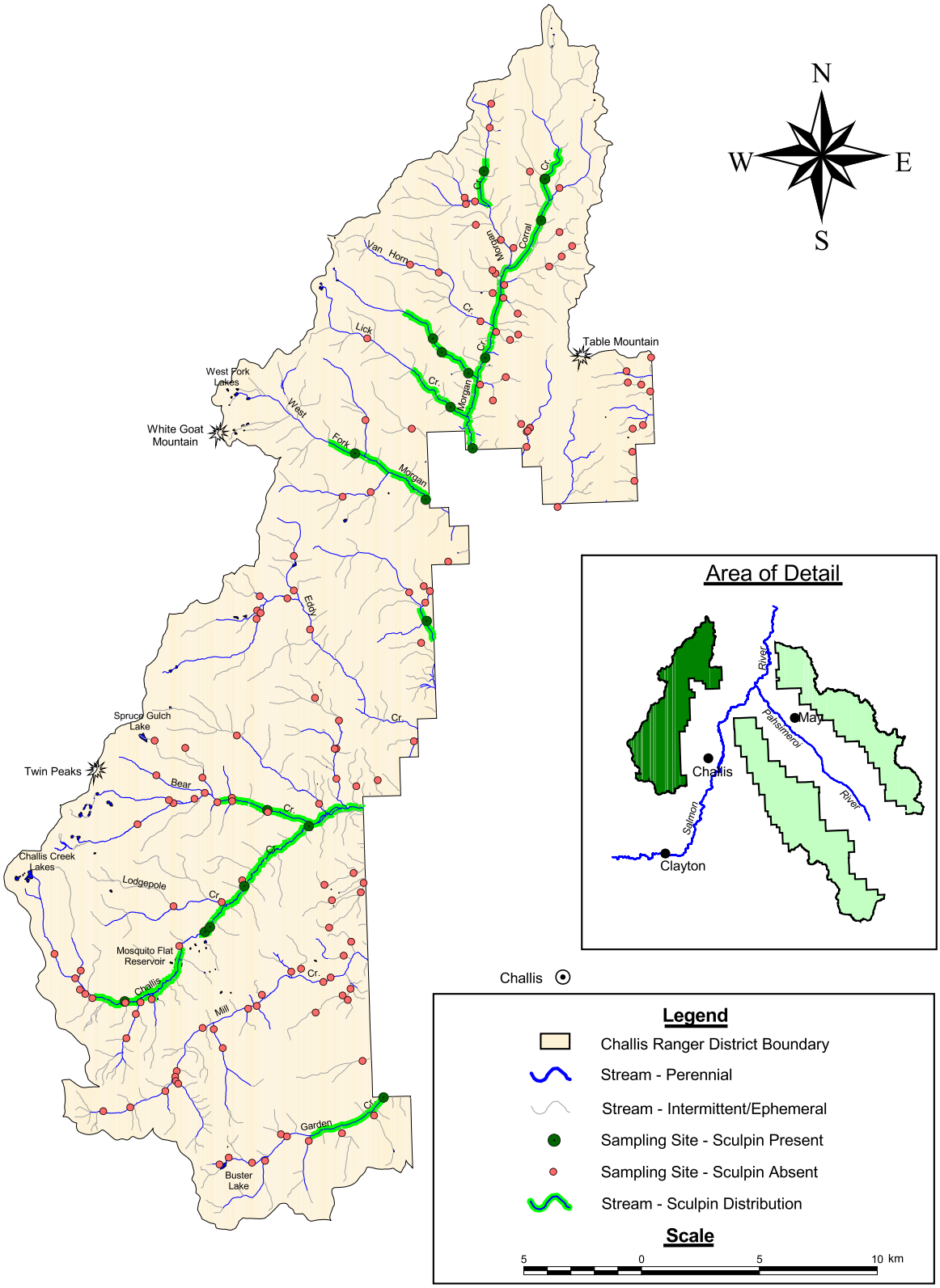
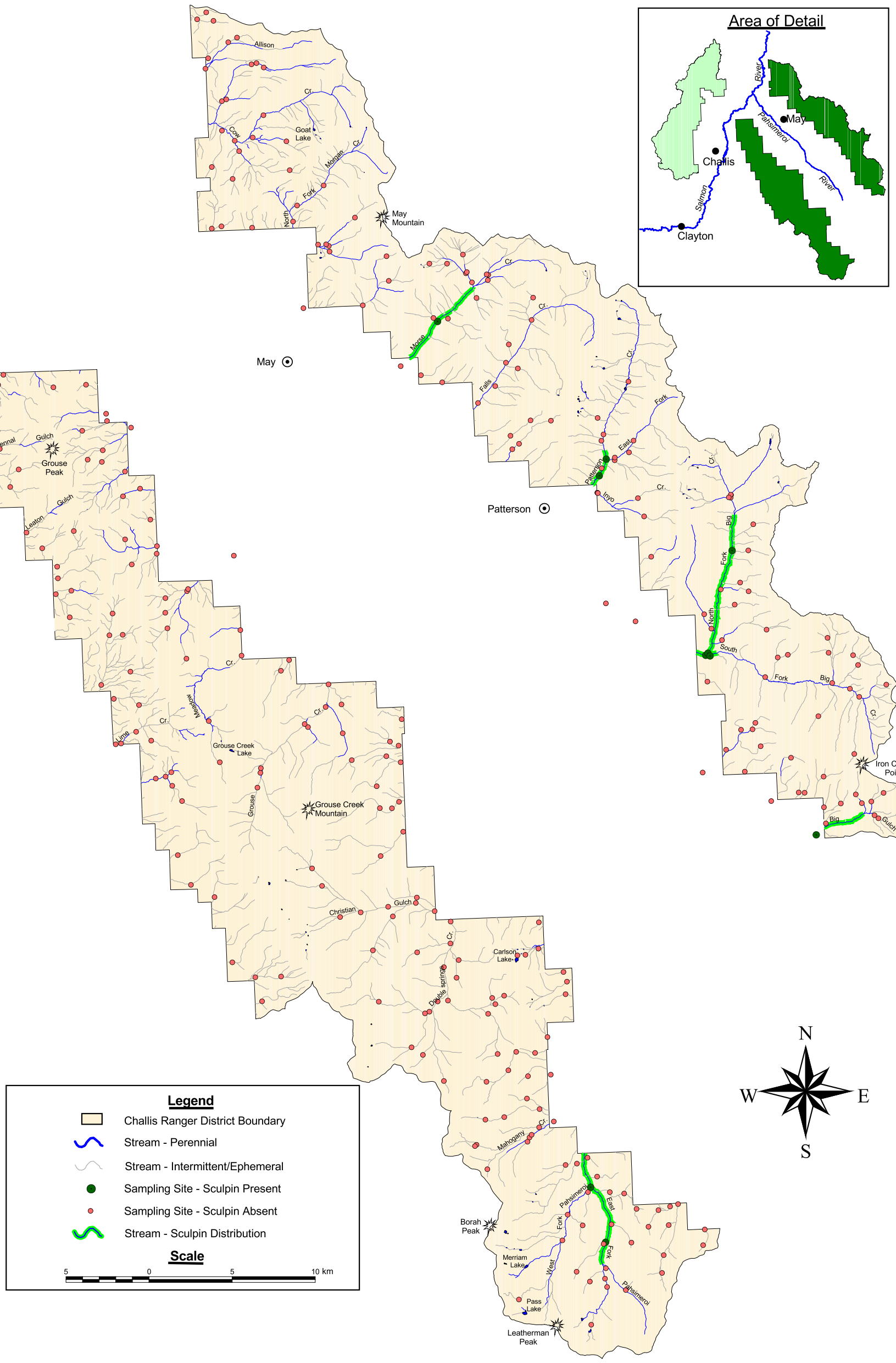


Figure 9b. Sculpin distribution on the southern portion of the Challis Ranger District.



APPENDIX B - TABLES

Table 1. General description of all sites assessed between 2001-2004 on the Challis Ranger District, Salmon-Challis National Forest.

Site Code	Stream Name	Easting	Northing	Date Assessed	Stream Evaluation Method	Stream Type	Fish Sampling Method	Length (m)	Mean Width (m)	Water Temp (ºC)	Fish Present
1	West Fork Morgan Creek	714319	4952034	7/16/2001	Visual	P	E-fish	100	2.9	15	Y
2	Little West Fork Morgan Creek	711985	4952357	7/17/2001	Visual	P	E-fish	50	2.3	6	Y
3	West Fork Morgan Creek	711320	4953992	7/17/2001	Visual	P	E-fish	100	2.5	7	Y
4	Blowfly Creek	711765	4955408	7/17/2001	Visual	P	E-fish	50	1.7	6	Y
5	Bear Creek	713724	4955047	7/18/2001	Visual	IE	-	-	-	-	N
6	Lick Creek	715370	4955966	7/17/2011	Visual	P	E-fish	50	2.2	11	Y
7	Lick Creek	711833	4958884	7/17/2001	Visual	P	E-fish	50	2.1	7	Y
8	Trail Creek	716123	4957399	7/18/2001	Visual	P	E-fish	50	2.1	11	Y
9	Trail Creek	714999	4958295	7/18/2001	Visual	P	E-fish	50	2.1	8	Y
10	Van Horn Creek	716643	4959607	7/19/2001	Visual	P	E-fish	50	2.5	15	Y
11	Van Horn Creek	714870	4961683	7/18/2001	Visual	P	E-fish	50	3.8	4	Y
12	Morgan Creek	716302	4954212	7/17/2001	Visual	P	E-fish	100	6.0	13	Y
13	Morgan Creek	716840	4958055	7/19/2001	Visual	P	E-fish	159	4.6	15	Y
14	DeWitt Creek	717282	4961643	7/19/2001	Visual	P	No Suitable Habitat	50	0.4	-	N
15	Annie Roonie Creek	716442	4963704	7/19/2001	Visual	P	Visual	200	0.4	6	N
16	Morgan Creek	717509	4963062	7/19/2001	Visual	P	E-fish	100	2.6	14	Y
17	Alder Creek	716408	4964693	7/19/2001	Visual	P	E-fish	50	2.9	6	Y
18	Morgan Creek	716785	4965973	7/18/2001	Visual	P	E-fish	50	1.5	10	Y
19	Eddy Creek	713818	4941776	7/26/2001	Visual	P	E-fish	50	3.1	14	Y
20	Eddy Creek	709414	4946513	7/31/2001	Visual	P	E-fish	100	2.4	7	Y
21	"North Fork Eddy Creek"	708717	4948181	7/30/2001	Visual	P	E-fish	50	1.0	9	Y
22	"North Fork Eddy Creek"	708717	4949638	7/31/2001	Visual	P	E-fish	50	1.7	8	Y
23	Eddy Creek	708450	4947839	7/31/2001	Visual	P	E-fish	100	3.5	6	Y

Table 1 (continued). General description of all sites assessed between 2001-2004 on the Challis Ranger District, Salmon-Challis National Forest.

Site Code	Stream Name	Easting	Northing	Date Assessed	Stream Evaluation Method	Stream Type	Fish Sampling Method	Length (m)	Mean Width (m)	Water Temp (ºC)	Fish Present
24	"Camas Fork Eddy Creek"	707272	4947934	7/31/2001	Visual	P	E-fish	50	1.0	5	Y
25	"Middle Fork Eddy Creek"	707165	4947330	7/31/2001	Visual	P	E-fish	50	1.8	3	Y
26	Eddy Creek	707311	4947224	7/31/2001	Visual	P	E-fish	50	1.7	5	Y
27	Eddy Creek	707136	4946974	7/31/2001	Visual	P	E-fish	50	1.8	4	Y
28	White Valley Creek	709788	4939120	7/25/2001	Visual	P	E-fish	50	1.6	12	Y
29	White Valley Creek	706302	4942021	7/25/2001	Visual	IE	-	100	1.8	5	N
30	Corral Creek	719214	4963889	8/2/2001	Visual	P	E-fish	100	3.0	10	Y
31	Bear Creek	707595	4938849	7/25/2001	Visual	P	E-fish	80	5.0	10	Y
32	West Fork Creek	703612	4939145	7/25/2001	Visual	P	E-fish	50	2.5	7	Y
33	Mill Creek	710282	4931741	7/26/2001	Visual	P	E-fish	50	3.1	9	Y
34	Mill Creek	703750	4927768	7/26/2001	Visual	P	E-fish	120	2.9	7	Y
35	Challis Creek	701545	4930730	7/25/2001	Visual	P	E-fish	93	3.7	9	Y
36	Christian Gulch	754232	4910982	7/9/2001	Visual	IE	-	-	-	-	N
37	Christian Gulch	751435	4911245	7/9/2001	Visual	IE	-	-	-	-	N
38	Christian Gulch	749779	4910915	7/9/2001	Visual	IE	-	-	-	-	N
39	Dead Cat Canyon	751662	4917172	7/9/2001	Visual	IE	-	-	-	-	N
40	Mill Creek	748697	4921686	7/9/2001	Visual	P	E-Fish	50	1.6	4	N
41	Grouse Creek	743775	4919587	7/9/2001	Visual	IE	-	-	-	-	N
42	Grouse Creek	743754	4919308	7/10/2001	Visual	P	E-Fish	100	2.6	5	Y
43	Unnamed Tributary to Grouse Creek	746616	4922060	7/9/2001	Visual	P	Visual	-	-	8	N
44	Meadow Creek	742614	4926351	7/10/2001	Visual	IE	-	200	0.4	-	N
45	Elbow Creek	742540	4927894	7/11/2001	Visual	P	No Suitable Habitat	150	0.0	-	N

Table 1 (continued). General description of all sites assessed between 2001-2004 on the Challis Ranger District, Salmon-Challis National Forest.

Site Code	Stream Name	Easting	Northing	Date Assessed	Stream Evaluation Method	Stream Type	Fish Sampling Method	Length (m)	Mean Width (m)	Water Temp (ºC)	Fish Present
46	Meadow Creek	740641	4922425	7/11/2001	Visual	P	Visual	500	0.8	16	N
47	Sulphur Creek	739339	4930233	7/10/2001	Visual	P	E-Fish	50	1.0	9	Y
48	Trail Creek	737529	4932937	7/14/2001	Visual	P	Visual	50	0.9	13	N
49	Blind Fork	736511	4936403	7/10/2001	Visual	P	No Suitable Habitat	125	0.4	-	N
50	South Fork Lawson Creek	735598	4937425	7/11/2001	Visual	P	Visual	150	1.0	12	N
51	Middle Fork Lawson Creek	735964	4940076	7/11/2001	Visual	P	E-Fish	50	0.5	17	Y
52	Unnamed Tributary to North Fork Lawson	734518	4940468	7/14/2001	Visual	IE	-	-	-	-	N
53	North Fork Lawson Creek	734463	4940911	7/14/2001	Visual	IE	-	100	0.4	14	N
54	Rock Creek	762791	4895794	7/5/2001	Visual	IE	-	-	-	-	N
55	East Fork Pahsimeroi River	763622	4894372	7/6/2001	Visual	P	E-Fish	100	5.7	12	Y
56	East Fork Pahsimeroi River	764517	4891059	7/6/2001	Visual	P	E-Fish	100	5.7	5	Y
57	West Fork Pahsimeroi River	761918	4891177	7/5/2001	Visual	P	E-Fish	100	3.5	9	Y
58	Mahogany Creek	761400	4898330	7/5/2001	Visual	P	E-Fish	100	2.5	8	Y
59	Mud Springs	761216	4901149	7/5/2001	Visual	IE	-	-	-	-	N
60	"Unnamed Tributary North of Mud Springs"	759852	4901050	7/5/2001	Visual	IE	-	-	-	-	N
61	Unnamed Stream	759216	4908322	8/14/2001	Visual	IE	-	-	-	-	N
62	Allison Creek	740445	4961665	8/2/2001	Visual	P	E-Fish	50	1.0	15	Y
63	Allison Creek	742340	4963538	8/2/2001	Visual	IE	-	75	1.4	9	N
64	North Fork Cow Creek	743217	4961925	8/2/2001	Visual	P	E-Fish	50	3.0	7	N
65	Ellis Creek	723539	4955205	6/18/2002	Visual	IE	-	100	0.8	11	N
66	Ellis Creek	723464	4956915	6/18/2002	Visual	IE	-	100	0.7	11	N
67	Gooseberry Creek	719915	4951722	6/19/2002	Visual	P	Visual	100	0.6	9	N

Table 1 (continued). General description of all sites assessed between 2001-2004 on the Challis Ranger District, Salmon-Challis National Forest.

Site Code	Stream Name	Easting	Northing	Date Assessed	Stream Evaluation Method	Stream Type	Fish Sampling Method	Length (m)	Mean Width (m)	Water Temp (ºC)	Fish Present
68	Block Creek	718603	4954922	6/18/2002	Visual	P	Visual	100	5.0	16	N
69	Block Creek	718744	4955088	6/18/2002	Visual	P	E-fish	100	1.3	-	N
70	Block Creek	718738	4955085	6/18/2002	Visual	P	Visual	100	0.9	10	N
71	Pig Creek	716624	4956920	6/18/2002	Visual	P	Visual	100	0.3	12	N
72	Pork Creek	717309	4959154	6/18/2002	Visual	P	Visual	100	0.3	10	N
73	Stephens Creek	717615	4960595	6/18/2002	Visual	P	Visual	100	0.9	11	N
74	Sawmill Creek	717651	4961153	6/18/2002	Visual	P	Visual	100	0.8	11	N
75	Corral Creek	719367	4965650	8/15/2002	Visual	P	E-fish	50	3.1	12	Y
76	Unnamed Tributary to Corral Creek	719343	4965691	8/15/2002	Visual	IE	-	50	0.3	-	N
77	Corral Creek	719387	4965650	8/15/2002	Visual	P	E-fish	50	1.9	10	Y
78	Corral Creek	719994	4965267	8/15/2002	Visual	P	E-fish	50	1.0	13	Y
79	Trail Creek	714623	4958872	9/17/2002	Visual	P	E-fish	310	0.6	10	Y
80	Darling Creek	714363	4946879	6/19/2002	Visual	P	E-fish	50	1.8	11	Y
81	Unnamed Tributary to Challis Creek	702688	4930821	7/1/2002	Visual	P	Visual	50	0.4	8	N
82	Unnamed Tributary to Challis Creek	702212	4930691	7/2/2002	Visual	P	E-fish	50	1.5	10	Y
83	Unnamed Tributary to Challis Creek	701572	4930675	7/2/2002	Visual	IE	-	-	-	-	N
84	Unnamed Tributary to Challis Creek	700172	4930863	7/2/2002	Visual	P	Visual	100	2.5	6	N
85	Unnamed Tributary to Challis Creek	699872	4931045	7/2/2002	Visual	P	Visual	100	-	6	N
86	Challis Creek	699446	4931710	7/2/2002	Visual	P	E-fish	100	2.2	6	Y
87	Unnamed Tributary to Challis Creek	699684	4932034	7/11/2002	Visual	P	E-fish	65	3.1	6	Y
88	Unnamed Tributary to Challis Creek	699644	4931227	7/2/2002	Visual	P	Visual	50	0.3	10	N
89	Challis Creek	704953	4933683	9/11/2002	Visual	P	E-fish	50	3.9	10	Y

Table 1 (continued). General description of all sites assessed between 2001-2004 on the Challis Ranger District, Salmon-Challis National Forest.

Site Code	Stream Name	Easting	Northing	Date Assessed	Stream Evaluation Method	Stream Type	Fish Sampling Method	Length (m)	Mean Width (m)	Water Temp (ºC)	Fish Present
90	Challis Creek	705162	4933879	7/2/2002	Visual	P	E-fish	50	4.8	18	Y
91	Lodgepole Creek	705660	4934939	7/3/2002	Visual	P	E-fish	83	2.9	7	Y
92	Unnamed Tributary to Challis Creek	706530	4935868	7/3/2002	Visual	IE	-	100	-	-	N
93	Challis Creek	706609	4935626	7/3/2002	Visual	P	E-fish	100	4.6	12	Y
94	Challis Creek	709356	4938168	7/2/2002	Visual	P	E-fish	100	6.1	18	Y
95	Cold Spring Gulch	706091	4939378	7/8/2002	Visual	P	Visual	50	1.2	8	N
96	Spring Gulch	704842	4940229	7/8/2002	Visual	P	E-fish	65	1.5	6	N
97	Bear Creek	704941	4939587	7/8/2002	Visual	P	E-fish	50	2.3	5	N
98	Lang Gulch	706104	4939235	7/8/2002	Visual	P	Visual	50	0.6	6	N
99	Armison Gulch	705479	4939183	7/8/2002	Visual	P	Visual	-	4.8	7	N
100	Unnamed Tributary to Bear Creek	707614	4938772	7/9/2002	Visual	IE	-	100	-	-	N
101	Twinn Creek	703424	4939274	7/8/2002	Visual	P	E-fish	91	1.8	8	Y
102	Bear Creek	702884	4940334	7/8/2002	Visual	P	E-fish	52	2.4	7	N
103	Pats Creek	710525	4940189	7/3/2002	Visual	P	E-fish	28	1.0	-	Y
104	Pats Creek	710531	4941468	7/3/2002	Visual	P	Visual	50	0.6	11	N
105	Pats Creek	710459	4941453	7/3/2002	Visual	P	Visual	50	0.6	16	N
106	Challis Creek	703858	4933081	9/11/2002	Visual	P	E-fish	110	4.3	12	Y
107	Mill Creek	709970	4931558	7/10/2002	Visual	P	E-fish	81	4.1	10	Y
108	Unnamed Tributary to Mill Creek	708611	4931989	7/9/2002	Visual	P	Visual	20	0.5	10	N
109	Unnamed Tributary to Mill Creek	709029	4932120	7/9/2002	Visual	IE	-	-	-	-	N
110	Mill Creek	703684	4927533	7/10/2002	Visual	P	E-fish	100	4.1	9	Y
111	Mill Creek	704849	4929605	7/11/2002	Visual	P	E-fish	66	3.4	9	Y

Table 1 (continued). General description of all sites assessed between 2001-2004 on the Challis Ranger District, Salmon-Challis National Forest.

Site Code	Stream Name	Easting	Northing	Date Assessed	Stream Evaluation Method	Stream Type	Fish Sampling Method	Length (m)	Mean Width (m)	Water Temp (ºC)	Fish Present
112	West Creek	705322	4929548	7/10/2002	Visual	P	E-fish	62	1.8	8	Y
113	Unnamed Tributary to Mill Creek	706781	4930421	7/9/2002	Visual	P	Visual	47	1.1	7	N
114	Unnamed Tributary to Mill Creek	707147	4930539	7/9/2002	Visual	P	Visual	70	1.2	6	N
115	Unnamed Tributary to Mill Creek	707369	4931009	7/9/2002	Visual	IE	-	-	-	-	N
116	Park Creek	703711	4927350	7/9/2002	Visual	P	E-fish	74	1.8	10	Y
117	Park Creek	703815	4927233	7/11/2002	Visual	P	E-fish	43	2.0	8	N
118	Unnamed Tributary to Mill Creek	703266	4926919	7/9/2002	Visual	P	Visual	154	2.6	4	N
119	Mill Creek	700631	4926065	7/10/2002	Visual	P	E-fish	50	1.0	10	N
120	Mill Creek	701777	4926226	7/10/2002	Visual	P	E-fish	81	2.4	13	Y
121	Keystone Gulch	712128	4925885	7/2/2002	Visual	IE	-	-	-	-	N
122	Merrimack Gulch	710767	4925130	7/2/2002	Visual	IE	-	-	-	-	N
123	Bull of the Woods Creek	709356	4924802	7/11/2002	Visual	P	E-fish	47	2.5	9	N
124	North Gulch	708171	4925090	7/2/2002	Visual	IE	-	-	-	-	N
125	Garden Creek	708428	4924998	7/11/2002	Visual	P	E-fish	100	5.6	11	Y
126	Spruce Gulch	707501	4923958	7/10/2002	Visual	P	E-fish	50	2.4	8	Y
127	Outlet to Buster Lake	705957	4924097	7/9/2002	Visual	P	E-fish	50	1.9	17	Y
128	Unnamed inlet to Buster Lake	705568	4923807	7/9/2002	Visual	P	E-fish	50	2.0	10	Y
129	Garden Creek	706952	4923873	7/11/2002	Visual	P	E-fish	57	3.5	11	Y
130	Garden Creek	712528	4926649	7/11/2002	Visual	P	E-fish	100	4.9	13	Y
131	Allison Creek	741811	4963251	6/24/2002	Visual	P	E-Fish	96	2.8	7	Y
132	North Fork Cow Creek	743953	4961741	6/25/2002	Visual	P	E-Fish	114	2.0	6	N
133	North Fork Cow Creek	743515	4962003	6/25/2002	Visual	P	E-Fish	30	9.8	5	N

Table 1 (continued). General description of all sites assessed between 2001-2004 on the Challis Ranger District, Salmon-Challis National Forest.

Site Code	Stream Name	Easting	Northing	Date Assessed	Stream Evaluation Method	Stream Type	Fish Sampling Method	Length (m)	Mean Width (m)	Water Temp (ºC)	Fish Present
134	North Fork Cow Creek	741438	4959711	6/25/2002	Visual	P	E-Fish	76	3.0	12	Y
135	Mud Creek Springs	741695	4959821	6/25/2002	Visual	P	Visual	145	0.9	17	N
136	Cow Creek	743928	4958868	7/17/2002	Visual	P	E-Fish	55	3.9	9	Y
137	Cow Creek	742202	4957330	7/17/2002	Visual	P	E-Fish	100	3.7	12	Y
138	Unnamed Tributary to Cow Creek	742469	4956705	7/17/2002	Visual	P	Visual	200	1.4	15	N
139	Unnamed Tributary to Cow Creek	743290	4957524	7/17/2002	Visual	P	Visual	150	2.3	10	N
140	North Fork Morgan Creek (Pahsimeroi)	745710	4952469	7/18/2002	Visual	P	E-Fish	49	4.6	10	Y
141	North Fork Morgan Creek (Pahsimeroi)	745957	4953439	7/18/2002	Visual	P	E-Fish	59	4.2	8	Y
142	East Fork Morgan Creek (Pahsimeroi)	747217	4951086	6/26/2002	Visual	P	E-Fish	118	4.0	-	Y
143	East Fork Morgan Creek (Pahsimeroi)	747915	4950665	6/26/2002	Visual	P	E-Fish	120	1.7	9	Y
144	East Fork Morgan Creek (Pahsimeroi)	747866	4951005	6/26/2002	Visual	P	E-Fish	100	2.1	5	Y
145	East Fork Morgan Creek (Pahsimeroi)	747704	4951102	6/26/2002	Visual	P	E-Fish	56	1.7	7	N
146	Spring Gulch	746336	4947259	6/25/2002	Visual	IE	-	100	-	-	N
147	Morse Creek	752191	4943769	6/27/2002	Visual	P	E-Fish	92	4.9	8	Y
148	Cold Creek	756479	4948809	7/16/2002	Visual	P	E-Fish	58	3.9	9	Y
149	Morse Creek	754406	4946459	6/27/2002	Visual	P	E-Fish	98	3.7	7	Y
150	Unnamed Tributary to Morse Creek	757434	4948951	7/16/2002	Visual	P	E-Fish	53	1.5	9	Y
151	Morse Creek	757461	4949267	7/16/2002	Visual	P	E-Fish	103	3.4	7	Y
152	Unnamed Tributary to Morse Creek	757358	4949291	7/16/2002	Visual	P	E-Fish	30	2.0	9	N
153	Falls Creek	756842	4941549	6/20/2002	Visual	P	E-Fish	93	4.7	6	Y
154	Falls Creek	760067	4946547	0/0/2002	Visual	P	Snorkel	50	4.6	8	Y
155	Mahogany Creek	758900	4938777	6/20/2002	Visual	P	Visual	85	1.3	8	N

Table 1 (continued). General description of all sites assessed between 2001-2004 on the Challis Ranger District, Salmon-Challis National Forest.

Site Code	Stream Name	Easting	Northing	Date Assessed	Stream Evaluation Method	Stream Type	Fish Sampling Method	Length (m)	Mean Width (m)	Water Temp (ºC)	Fish Present
156	Patterson Creek	764132	4937172	7/13/2002	Visual	P	E-Fish	112	6.5	8	Y
157	Inyo Creek	764022	4936160	7/12/2002	Visual	P	Visual	-	1.9	10	N
158	Patterson Creek	764556	4938170	7/15/2002	Visual	P	E-Fish	56	5.4	8	Y
159	Patterson Creek	764266	4939278	8/2/2002	Visual	P	E-Fish	50	4.0	11	Y
160	Patterson Creek	764390	4939666	8/3/2002	Visual	P	Snorkel	31	11.9	9	Y
161	Patterson Creek	765888	4942847	8/5/2002	Visual	P	Snorkel	52	2.8	11	Y
162	Unnamed Tributary to E.F. Patterson Creek	765062	4938111	7/10/2002	Visual	P	Visual	50	1.4	-	U
163	Unnamed Tributary to E.F. Patterson Creek	765925	4938580	7/10/2002	Visual	P	Visual	50	1.0	-	N
164	East Fork Patterson Creek	765075	4938276	7/15/2002	Visual	P	E-Fish	55	3.1	8	Y
165	East Fork Patterson Creek	766199	4939295	7/15/2002	Visual	P	E-Fish	54	3.3	7	N
166	Stinking Creek	766319	4928413	7/25/2002	Visual	P	Visual	60	1.0	11	N
167	Mill Creek	764537	4929498	7/25/2002	Visual	P	Visual	150	1.4	13	N
168	Ditch Creek	770362	4919322	7/2/2002	Visual	P	E-Fish	80	2.1	7	Y
169	Ditch Creek	771765	4920694	7/2/2002	Visual	P	Visual	50	2.9	8	N
170	Hillside Creek	774480	4917603	7/2/2002	Visual	P	Visual	138	2.6	8	N
171	Big Gulch Creek	777193	4915570	7/2/2002	Visual	P	E-Fish	89	3.7	9	Y
172	Unnamed Tributary to Big Gulch	780509	4917581	7/2/2002	Visual	P	E-Fish	86	1.1	5	N
173	Big Gulch Creek	780696	4916755	7/1/2002	Visual	P	E-Fish	99	2.3	10	Y
174	Unnamed Tributary to Big Gulch	779931	4917478	7/2/2002	Visual	P	E-Fish	70	1.4	6	Y
175	Big Creek	770539	4926375	7/24/2002	Visual	P	E-Fish	100	5.3	13	Y
176	North Fork Big Creek	770677	4926497	7/24/2002	Visual	P	E-Fish	100	6.4	11	Y
177	South Fork Big Creek	770800	4926333	7/23/2002	Visual	P	E-Fish	98	5.0	12	Y

Table 1 (continued). General description of all sites assessed between 2001-2004 on the Challis Ranger District, Salmon-Challis National Forest.

Site Code	Stream Name	Easting	Northing	Date Assessed	Stream Evaluation Method	Stream Type	Fish Sampling Method	Length (m)	Mean Width (m)	Water Temp (ºC)	Fish Present
178	"Unnamed Tributary to North Fork Big Creek"	771522	4927293	7/24/2002	Visual	P	Visual	100	-	-	N
179	West Fork Big Creek	770886	4927983	7/24/2002	Visual	P	E-Fish	48	2.2	6	Y
180	West Fork Big Creek	770449	4928847	7/24/2002	Visual	P	Visual	121	1.4	6	N
181	"Unnamed Tributary to North Fork Big Creek"	771445	4930343	8/2/2002	Visual	P	Visual	30	-	-	U
182	North Fork Big Creek	772133	4932673	8/2/2002	Visual	P	E-Fish	73	4.7	11	Y
183	Lake Fork of North Fork Big Creek	772071	4936022	8/2/2002	Visual	P	E-Fish	50	4.2	9	N
184	North Fork Big Creek	772040	4935853	8/2/2002	Visual	P	E-Fish	48	4.4	9	Y
185	North Fork Big Creek	772044	4936040	8/2/2002	Visual	P	Visual	30	3.3	8	Y
186	Unnamed Tributary to North Fork Big Creek	771933	4935875	8/2/2002	Visual	P	E-Fish	27	4.1	8	Y
187	South Fork Big Creek	774116	4925060	7/30/2002	Visual	P	Snorkel	65	5.6	12	Y
188	Unnamed Tributary to South Fork Big Creek	778149	4924712	7/30/2002	Visual	P	Snorkel	55	2.5	7	Y
189	South Fork Big Creek	779212	4924362	7/30/2002	Visual	P	Snorkel	61	2.6	7	Y
190	South Fork Big Creek	779782	4923870	7/29/2002	Visual	P	Snorkel	65	2.9	11	Y
191	Lime Creek	735362	4921064	8/5/2002	Visual	P	Visual	50	0.4	-	N
192	Crane Basin	738389	4919345	8/5/2002	Visual	P	Visual	50	0.8	-	N
193	Crane Basin	738443	4918526	8/5/2002	Visual	IE	-	50	-	-	N
194	Crane Basin	737457	4918964	8/5/2002	Visual	P	Visual	50	0.7	-	N
195	Daugberty Gulch	711640	4928206	7/1/2003	Visual	IE	-	-	-	-	N
196	Big Hill Gulch	709646	4930251	6/30/2003	Visual	IE	-	-	-	-	N
197	West Creek	705704	4928747	6/24/2003	Visual	P	E-fish	107	2.2	6	N
198	Unnamed Tributary to Challis Creek	702019	4930187	6/24/2003	Visual	P	E-fish	49	1.9	5	Y

Table 1 (continued). General description of all sites assessed between 2001-2004 on the Challis Ranger District, Salmon-Challis National Forest.

Site Code	Stream Name	Easting	Northing	Date Assessed	Stream Evaluation Method	Stream Type	Fish Sampling Method	Length (m)	Mean Width (m)	Water Temp (ºC)	Fish Present
199	Unnamed Tributary to Challis Creek	701614	4929166	6/24/2003	Visual	P	E-fish	102	2.5	4	N
200	Challis Creek	698563	4932745	6/23/2003	Visual	P	E-fish	53	2.7	5	Y
201	Twinn Creek	704506	4939335	6/23/2003	Visual	P	E-fish	54	4.3	5	Y
202	West Fork Creek	702087	4938247	6/23/2003	Visual	P	E-fish	54	2.7	4	Y
203	Unnamed Tributary to Spring Gulch	704118	4941496	6/26/2003	Visual	IE	-	-	-	-	N
204	Spring Gulch	702812	4941798	7/1/2003	Visual	IE	-	-	-	-	N
205	Third Springs Creek	714296	4947662	7/1/2003	Visual	P	Visual	108	1.1	14	N
206	Third Springs Creek	714496	4948148	7/1/2003	Visual	IE	-	-	-	-	N
207	Darling Creek	713617	4948096	6/26/2003	Visual	P	E-fish	56	1.9	8	Y
208	Fourth Springs Creek	715268	4949409	6/30/2003	Visual	IE	-	-	-	-	N
209	Little West Fork Morgan Creek	710789	4952155	6/30/2003	Visual	P	Visual	50	0.9	13	N
210	Block Creek	718599	4954278	6/30/2003	Visual	P	Snorkel	41	22.9	16	N
211	Block Creek	718654	4954959	6/30/2003	Visual	P	Visual	100	0.8	16	N
212	Van Horn Creek	713655	4962020	6/30/2003	Visual	P	E-fish	67	2.6	-	Y
213	Burnt Gulch	718043	4962724	6/30/2003	Visual	P	Visual	46	0.5	-	N
214	"South Fork Alder Creek"	716025	4964591	7/30/2003	Visual	P	E-fish	52	1.9	13	Y
215	"North Fork Alder Creek"	715972	4964858	7/30/2003	Visual	P	E-fish	51	1.3	18	Y
216	Morgan Creek	717036	4967829	7/30/2003	Visual	P	E-fish	49	1.3	13	Y
217	Sams Gulch	717097	4968850	7/30/2003	Visual	P	E-fish	56	1.3	11	N
218	North Fork Morgan Creek	747554	4954648	6/20/2003	Visual	P	Snorkel	-	4.4	5	Y
219	Sulphur Creek	742155	4932368	6/26/2003	Visual	P	E-Fish	60	1.0	18	N
220	Unnamed Tributary to Cold Creek	756118	4949356	6/23/2003	Visual	P	Visual	45	2.5	5	N

Table 1 (continued). General description of all sites assessed between 2001-2004 on the Challis Ranger District, Salmon-Challis National Forest.

Site Code	Stream Name	Easting	Northing	Date Assessed	Stream Evaluation Method	Stream Type	Fish Sampling Method	Length (m)	Mean Width (m)	Water Temp (ºC)	Fish Present
221	Cold Creek	756165	4949431	6/23/2003	Visual	P	Snorkel	50	3.2	5	Y
222	Inyo Creek	764029	4936157	6/18/2003	Visual	P	E-Fish	48	2.4	7	N
223	Inyo Creek	764050	4936133	6/18/2003	Visual	P	E-Fish	28	1.5	6	N
224	Spring Below Carlson Lake	759690	4908362	6/18/2003	Visual	P	Visual	50	1.0	13	N
225	Mahogany Creek	759940	4897367	6/12/2003	Visual	P	E-Fish	97	2.0	6	Y
226	"East Fork Pahsimeroi, Left Fork"	764533	4889500	6/18/2003	Visual	P	Snorkel	50	4.2	7	N
227	"East Fork Pahsimeroi, Left Fork"	765734	4888195	6/17/2003	Visual	P	E-Fish	111	3.1	6	N
228	"East Fork Pahsimeroi, Right Fork"	764478	4888875	6/18/2003	Visual	P	Snorkel	50	4.5	4	N
229	"East Fork Pahsimeroi, Right Fork"	764611	4888368	6/18/2003	Visual	P	Snorkel	50	5.3	4	N
230	Crane Basin	738049	4919079	6/25/2003	Visual	P	Visual	77	0.9	9	N
231	Lime Creek	735049	4921020	6/25/2003	Visual	P	Visual	75	0.9	11	N
232	Lime Creek	736272	4921776	6/25/2003	Visual	IE	-	-	-	-	N
233	E.F. Burnt Cr.	770484	4891838	1/5/2004	Aerial Photo	IE	-	-	-	-	N
234	E.F. Burnt Cr.	770383	4890890	1/5/2004	Aerial Photo	IE	-	-	-	-	N
235	W.F. Burnt Cr.	768876	4893358	1/5/2004	Aerial Photo	IE	-	-	-	-	N
236	W.F. Burnt Cr.	768019	4890293	1/5/2004	Aerial Photo	IE	-	-	-	-	N
237	W.F. Burnt Cr.	767915	4889215	1/5/2004	Aerial Photo	IE	-	-	-	-	N
238	Unnamed Trib. To W. F. Burnt Cr.	768318	4892098	1/5/2004	Aerial Photo	IE	-	-	-	-	N
239	Unnamed Trib. To W. F. Burnt Cr.	768396	4893215	1/5/2004	Aerial Photo	IE	-	-	-	-	N
240	Unnamed Trib. To W. F. Burnt Cr.	767694	4892994	1/5/2004	Aerial Photo	IE	-	-	-	-	N
241	Unnamed Trib. To W. F. Burnt Cr.	767097	4891994	1/5/2004	Aerial Photo	IE	-	-	-	-	N
242	Unnamed Trib. To E.F. Pahsimeroi	763656	4886098	1/5/2004	Aerial Photo	IE	-	-	-	-	N
243	Unnamed Trib. To E.F. Pahsimeroi	764870	4892144	1/5/2004	Aerial Photo	IE	-	-	-	-	N

Table 1 (continued). General description of all sites assessed between 2001-2004 on the Challis Ranger District, Salmon-Challis National Forest.

Site Code	Stream Name	Easting	Northing	Date Assessed	Stream Evaluation Method	Stream Type	Fish Sampling Method	Length (m)	Mean Width (m)	Water Temp (ºC)	Fish Present
244	Unnamed Trib. To E.F. Pahsimeroi	764399	4890959	1/5/2004	Aerial Photo	IE	-	-	-	-	N
245	Unnamed Trib. To E.F. Pahsimeroi	766071	4891040	1/5/2004	Aerial Photo	IE	-	-	-	-	N
246	Unnamed Trib. To E.F. Pahsimeroi	763571	4888702	1/5/2004	Aerial Photo	IE	-	-	-	-	N
247	Unnamed Trib. To E.F. Pahsimeroi	766380	4893069	1/5/2004	Aerial Photo	IE	-	-	-	-	N
248	Unnamed Trib. To E.F. Pahsimeroi	765633	4893994	1/5/2004	Aerial Photo	IE	-	-	-	-	N
249	Unnamed Trib. To E.F. Pahsimeroi	764772	4894075	1/5/2004	Aerial Photo	IE	-	-	-	-	N
250	Unnamed Trib. To Mainstem Pahsimeroi	764009	4895017	1/6/2004	Aerial Photo	IE	-	-	-	-	N
251	Unnamed Trib. To Mainstem Pahsimeroi	763425	4896153	1/6/2004	Aerial Photo	IE	-	-	-	-	N
252	Unnamed Trib. To E.F. Pahsimeroi	762776	4889287	1/6/2004	Aerial Photo	IE	-	-	-	-	N
253	Unnamed Trib. To W. F. Pahsimeroi	763458	4894075	1/6/2004	Aerial Photo	IE	-	-	-	-	N
254	Unnamed Trib. To W. F. Pahsimeroi	763133	4892079	1/6/2004	Aerial Photo	IE	-	-	-	-	N
255	Unnamed Trib. To W. F. Pahsimeroi	759302	4887615	1/6/2004	Aerial Photo	IE	-	-	-	-	N
256	Unnamed Trib. To W. F. Pahsimeroi	762240	4892728	1/6/2004	Aerial Photo	IE	-	-	-	-	N
257	Unnamed Trib. To Mainstem Pahsimeroi	762110	4895715	1/6/2004	Aerial Photo	IE	-	-	-	-	N
258	Unnamed Trib. To Mahogany Cr.	760065	4897533	1/6/2004	Aerial Photo	IE	-	-	-	-	N
259	Unnamed Trib. To Mahogany Cr.	759821	4897111	1/6/2004	Aerial Photo	IE	-	-	-	-	N
260	Unnamed Trib. To Mahogany Cr.	760519	4897971	1/6/2004	Aerial Photo	IE	-	-	-	-	N
261	Unnamed Trib. To Mahogany Cr.	760552	4899075	1/6/2004	Aerial Photo	IE	-	-	-	-	N
262	Unnamed Trib. To Mahogany Cr.	759789	4899708	1/6/2004	Aerial Photo	IE	-	-	-	-	N
263	Unnamed Trib. To Mahogany Cr.	756753	4896932	1/6/2004	Aerial Photo	IE	-	-	-	-	N
264	Unnamed Trib. To Mahogany Cr.	756656	4896851	1/6/2004	Aerial Photo	IE	-	-	-	-	N
265	Unnamed Trib. To Mahogany Cr.	757402	4895455	1/6/2004	Aerial Photo	IE	-	-	-	-	N

Table 1 (continued). General description of all sites assessed between 2001-2004 on the Challis Ranger District, Salmon-Challis National Forest.

Site Code	Stream Name	Easting	Northing	Date Assessed	Stream Evaluation Method	Stream Type	Fish Sampling Method	Length (m)	Mean Width (m)	Water Temp (ºC)	Fish Present
266	Unnamed Trib. To Mahogany Cr.	758425	4898588	1/6/2004	Aerial Photo	IE	-	-	-	-	N
267	Unnamed Trib. To Mahogany Cr.	757289	4898442	1/6/2004	Aerial Photo	IE	-	-	-	-	N
268	Unnamed Trib. To Double Springs Cr.	761023	4903410	1/6/2004	Aerial Photo	IE	-	-	-	-	N
269	Unnamed Trib. To Double Springs Cr.	760276	4902452	1/6/2004	Aerial Photo	IE	-	-	-	-	N
270	Cayuse Canyon	759139	4902517	1/6/2004	Aerial Photo	IE	-	-	-	-	N
271	Cayuse Canyon	758669	4901413	1/6/2004	Aerial Photo	IE	-	-	-	-	N
272	Cayuse Canyon	757354	4900715	1/6/2004	Aerial Photo	IE	-	-	-	-	N
273	Double Springs Cr.	755195	4910357	1/6/2004	Aerial Photo	IE	-	-	-	-	N
274	Unnamed Trib. To Double Springs Cr.	755179	4909043	1/6/2004	Aerial Photo	IE	-	-	-	-	N
275	Double Springs Cr.	754789	4907614	1/6/2004	Aerial Photo	IE	-	-	-	-	N
276	Unnamed Trib. To Double Springs Cr.	755682	4908036	1/6/2004	Aerial Photo	IE	-	-	-	-	N
277	Unnamed Trib. To Double Springs Cr.	755552	4906981	1/6/2004	Aerial Photo	IE	-	-	-	-	N
278	Unnamed Trib. To Double Springs Cr.	753182	4908507	1/6/2004	Aerial Photo	IE	-	-	-	-	N
279	Unnamed Trib. To Double Springs Cr.	755033	4905602	1/6/2004	Aerial Photo	IE	-	-	-	-	N
280	Double Springs Cr.	754416	4905553	1/6/2004	Aerial Photo	IE	-	-	-	-	N
281	Unnamed Trib. To Double Springs Cr.	753912	4904936	1/6/2004	Aerial Photo	IE	-	-	-	-	N
282	Double Springs Cr.	753529	4902338	1/6/2004	Aerial Photo	IE	-	-	-	-	N
283	Buck Canyon	754789	4900764	1/6/2004	Aerial Photo	IE	-	-	-	-	N
284	Unnamed Trib. To Double Springs Cr.	757695	4905763	1/6/2004	Aerial Photo	IE	-	-	-	-	N
285	Unnamed Trib. To Double Springs Cr.	758409	4905893	1/6/2004	Aerial Photo	IE	-	-	-	-	N
286	Unnamed Trib. To Double Springs Cr.	757890	4905391	1/6/2004	Aerial Photo	IE	-	-	-	-	N
287	Unnamed Trib. To Double Springs Cr.	757451	4904806	1/6/2004	Aerial Photo	IE	-	-	-	-	N

Table 1 (continued). General description of all sites assessed between 2001-2004 on the Challis Ranger District, Salmon-Challis National Forest.

Site Code	Stream Name	Easting	Northing	Date Assessed	Stream Evaluation Method	Stream Type	Fish Sampling Method	Length (m)	Mean Width (m)	Water Temp (ºC)	Fish Present
288	Unnamed Trib. To Double Springs Cr.	758019	4902387	1/6/2004	Aerial Photo	IE	-	-	-	-	N
289	Unnamed Trib. To Double Springs Cr.	762110	4905991	1/6/2004	Aerial Photo	IE	-	-	-	-	N
290	Unnamed Trib. To Double Springs Cr.	762191	4906737	1/6/2004	Aerial Photo	IE	-	-	-	-	N
291	Unnamed Trib. To Double Springs Cr.	761980	4907322	1/6/2004	Aerial Photo	IE	-	-	-	-	N
292	Unnamed Trib. To Double Springs Cr.	760471	4908734	1/6/2004	Aerial Photo	IE	-	-	-	-	N
293	Unnamed Trib. To Double Springs Cr.	760503	4910309	1/6/2004	Aerial Photo	IE	-	-	-	-	N
294	Unnamed Trib. To Double Springs Cr.	752841	4902793	1/6/2004	Aerial Photo	IE	-	-	-	-	N
295	Unnamed Trib. To Double Springs Cr.	753653	4904838	1/6/2004	Aerial Photo	IE	-	-	-	-	N
296	Christian Gulch	753101	4911478	1/6/2004	Aerial Photo	IE	-	-	-	-	N
297	Unnamed Trib. To Christian Gulch	753166	4911802	1/6/2004	Aerial Photo	IE	-	-	-	-	N
298	Unnamed Trib. To Christian Gulch	751721	4910666	1/6/2004	Aerial Photo	IE	-	-	-	-	N
299	Unnamed Trib. To Christian Gulch	750520	4908620	1/6/2004	Aerial Photo	IE	-	-	-	-	N
300	Unnamed Trib. To Christian Gulch	748547	4910633	1/6/2004	Aerial Photo	IE	-	-	-	-	N
301	Unnamed Trib. To Christian Gulch	747460	4912500	1/6/2004	Aerial Photo	IE	-	-	-	-	N
302	Christian Gulch	746859	4913555	1/6/2004	Aerial Photo	IE	-	-	-	-	N
303	Unnamed Trib. To Double Springs Cr.	750869	4905536	1/6/2004	Aerial Photo	IE	-	-	-	-	N
304	Rock Spring Canyon	752346	4915763	1/6/2004	Aerial Photo	IE	-	-	-	-	N
305	Unnamed Trib. to Rock Spring Canyon	750982	4914302	1/6/2004	Aerial Photo	IE	-	-	-	-	N
306	Dead Cat Canyon	752086	4917565	1/6/2004	Aerial Photo	IE	-	-	-	-	N
307	Dead Cat Canyon	750933	4917175	1/6/2004	Aerial Photo	IE	-	-	-	-	N
308	Unnamed Trib. To Mainstem Pahsimeroi	752194	4919938	1/6/2004	Aerial Photo	IE	-	-	-	-	N
309	Unnamed Trib. To Mainstem Pahsimeroi	750744	4918501	1/6/2004	Aerial Photo	IE	-	-	-	-	N

Table 1 (continued). General description of all sites assessed between 2001-2004 on the Challis Ranger District, Salmon-Challis National Forest.

Site Code	Stream Name	Easting	Northing	Date Assessed	Stream Evaluation Method	Stream Type	Fish Sampling Method	Length (m)	Mean Width (m)	Water Temp (ºC)	Fish Present
310	Unnamed Trib. To Mainstem Pahsimeroi	751329	4920307	1/6/2004	Aerial Photo	IE	-	-	-	-	N
311	Dry Canyon	752067	4920943	1/6/2004	Aerial Photo	IE	-	-	-	-	N
312	Mulkey Gulch	751546	4921185	1/6/2004	Aerial Photo	IE	-	-	-	-	N
313	Dry Canyon	749244	4920065	1/6/2004	Aerial Photo	IE	-	-	-	-	N
314	Unnamed Trib. To Mainstem Pahsimeroi	752258	4922533	1/6/2004	Aerial Photo	IE	-	-	-	-	N
315	Unnamed Trib. To Grouse Cr.	748633	4923423	1/7/2004	Aerial Photo	IE	-	-	-	-	N
316	Grouse Cr.	747845	4924631	1/6/2004	Aerial Photo	IE	-	-	-	-	N
317	Grouse Cr.	747679	4923270	1/6/2004	Aerial Photo	IE	-	-	-	-	N
318	Grouse Cr.	746408	4922240	1/6/2004	Aerial Photo	IE	-	-	-	-	N
319	Unnamed Trib. To Meadow Cr.	745479	4926094	1/6/2004	Aerial Photo	IE	-	-	-	-	N
320	Unnamed Trib. To Meadow Cr.	744983	4925445	1/6/2004	Aerial Photo	IE	-	-	-	-	N
321	Grouse Cr.	743572	4918412	1/6/2004	Aerial Photo	IE	-	-	-	-	N
322	Meadow Cr.	741308	4919938	1/6/2004	Aerial Photo	IE	-	-	-	-	N
323	Sulphur Cr.	739302	4926176	1/6/2004	Aerial Photo	IE	-	-	-	-	N
324	Unnamed Trib. To Sulphur Cr.	739403	4930358	1/6/2004	Aerial Photo	IE	-	-	-	-	N
325	Unnamed Trib. To Sulphur Cr.	738037	4929812	1/6/2004	Aerial Photo	IE	-	-	-	-	N
326	Unnamed Trib. To Sulphur Cr.	738026	4928937	1/6/2004	Aerial Photo	IE	-	-	-	-	N
327	Unnamed Trib. To Sulphur Cr.	738157	4927997	1/6/2004	Aerial Photo	IE	-	-	-	-	N
328	Blind Fork of Trail Cr.	735480	4935942	1/6/2004	Aerial Photo	IE	-	-	-	-	N
329	Unnamed Trib. To Sulphur Cr.	737130	4934544	1/6/2004	Aerial Photo	IE	-	-	-	-	N
330	Unnamed Trib. To Trail Cr.	736015	4931844	1/6/2004	Aerial Photo	IE	-	-	-	-	N
331	Unnamed Trib. To Trail Cr.	737513	4932489	1/6/2004	Aerial Photo	IE	-	-	-	-	N

Table 1 (continued). General description of all sites assessed between 2001-2004 on the Challis Ranger District, Salmon-Challis National Forest.

Site Code	Stream Name	Easting	Northing	Date Assessed	Stream Evaluation Method	Stream Type	Fish Sampling Method	Length (m)	Mean Width (m)	Water Temp (ºC)	Fish Present
332	Unnamed Trib. To Trail Cr.	735611	4933352	1/6/2004	Aerial Photo	IE	-	-	-	-	N
333	Middle Fork of Lawson Cr.	734267	4938707	1/6/2004	Aerial Photo	IE	-	-	-	-	N
334	Unnamed Trib. To Middle Fork of Lawson Cr.	734212	4938008	1/6/2004	Aerial Photo	IE	-	-	-	-	N
335	Unnamed Trib. To Middle Fork of Lawson Cr.	733360	4938150	1/6/2004	Aerial Photo	IE	-	-	-	-	N
336	Unnamed Trib. To North Fork of Lawson Cr.	733032	4939877	1/6/2004	Aerial Photo	IE	-	-	-	-	N
337	Unnamed Trib. To Mainstem Pahsimeroi	733261	4942653	1/6/2004	Aerial Photo	IE	-	-	-	-	N
338	Sheep Cr.	743848	4905558	1/6/2004	Aerial Photo	IE	-	-	-	-	N
339	Unnamed Trib. To Warm Springs Cr.	742059	4907908	1/6/2004	Aerial Photo	IE	-	-	-	-	N
340	Unnamed Trib. To Sheep Cr.	743439	4907006	1/6/2004	Aerial Photo	IE	-	-	-	-	N
341	Unnamed Trib. To Sheep Cr.	744996	4907047	1/6/2004	Aerial Photo	IE	-	-	-	-	N
342	Unnamed Trib. To Gooseberry Cr.	740993	4911829	1/6/2004	Aerial Photo	IE	-	-	-	-	N
343	Unnamed Trib. To McGowan Cr.	739573	4912566	1/6/2004	Aerial Photo	IE	-	-	-	-	N
344	McGowan Cr.	738780	4914356	1/6/2004	Aerial Photo	IE	-	-	-	-	N
345	Crane Basin	739040	4917607	1/6/2004	Aerial Photo	IE	-	-	-	-	N
346	Unnamed Trib. To Lime Cr.	737182	4921241	1/6/2004	Aerial Photo	IE	-	-	-	-	N
347	Unnamed Trib. To Hole-In-Rock Cr.	736444	4923386	1/6/2004	Aerial Photo	IE	-	-	-	-	N
348	Unnamed Trib. To Hole-In-Rock Cr.	734928	4923754	1/6/2004	Aerial Photo	IE	-	-	-	-	N
349	Hole-In-Rock Cr.	734177	4924588	1/6/2004	Aerial Photo	IE	-	-	-	-	N
350	Unnamed Trib. To Hole-In-Rock Cr.	735925	4925394	1/6/2004	Aerial Photo	IE	-	-	-	-	N
351	Hole-In-Rock Cr.	734668	4927579	1/6/2004	Aerial Photo	IE	-	-	-	-	N
352	Unnamed Trib. To Hole-In-Rock Cr.	735461	4927607	1/6/2004	Aerial Photo	IE	-	-	-	-	N
353	Hole-In-Rock Cr.	734860	4928891	1/6/2004	Aerial Photo	IE	-	-	-	-	N

Table 1 (continued). General description of all sites assessed between 2001-2004 on the Challis Ranger District, Salmon-Challis National Forest.

Site Code	Stream Name	Easting	Northing	Date Assessed	Stream Evaluation Method	Stream Type	Fish Sampling Method	Length (m)	Mean Width (m)	Water Temp (ºC)	Fish Present
354	Unnamed Trib. To Salmon River	732373	4930257	1/6/2004	Aerial Photo	IE	-	-	-	-	N
355	Unnamed Trib. To Salmon River	731445	4930052	1/6/2004	Aerial Photo	IE	-	-	-	-	N
356	Unnamed Trib. To Salmon River	732278	4928659	1/6/2004	Aerial Photo	IE	-	-	-	-	N
357	Camp Cr.	731567	4931008	1/6/2004	Aerial Photo	IE	-	-	-	-	N
358	Unnamed Trib. To Camp Cr.	731526	4931705	1/6/2004	Aerial Photo	IE	-	-	-	-	N
359	Unnamed Trib. To Camp Cr.	732524	4933850	1/6/2004	Aerial Photo	IE	-	-	-	-	N
360	Unnamed Trib. To Camp Cr.	730625	4932811	1/6/2004	Aerial Photo	IE	-	-	-	-	N
361	Leaton Gulch	729682	4933754	1/6/2004	Aerial Photo	IE	-	-	-	-	N
362	Unnamed Trib. To Pennal Gulch	728699	4936500	1/6/2004	Aerial Photo	IE	-	-	-	-	N
363	Unnamed Trib. To Pennal Gulch	729204	4937552	1/6/2004	Aerial Photo	IE	-	-	-	-	N
364	Pennal Gulch	728070	4938795	1/6/2004	Aerial Photo	IE	-	-	-	-	N
365	Dry Gulch	727934	4939860	1/6/2004	Aerial Photo	IE	-	-	-	-	N
366	Gerry Gulch	727975	4942647	1/6/2004	Aerial Photo	IE	-	-	-	-	N
367	Unnamed Trib. To Gerry Gulch	728289	4943248	1/6/2004	Aerial Photo	IE	-	-	-	-	N
368	Shep Cr.	731294	4942497	1/6/2004	Aerial Photo	IE	-	-	-	-	N
369	Dry Gulch	739946	4964640	1/6/2004	Aerial Photo	IE	-	-	-	-	N
370	Dry Gulch	740923	4964543	1/6/2004	Aerial Photo	IE	-	-	-	-	N
371	Unnamed Trib. To Dry Gulch	740493	4965051	1/6/2004	Aerial Photo	IE	-	-	-	-	N
372	Unnamed Trib. To Allison Cr.	740611	4962297	1/6/2004	Aerial Photo	IE	-	-	-	-	N
373	Black Canyon	741431	4957941	1/6/2004	Aerial Photo	IE	-	-	-	-	N
374	Black Canyon	740825	4955754	1/6/2004	Aerial Photo	IE	-	-	-	-	N
375	Unnamed Trib. To Cow Cr.	742075	4955031	1/6/2004	Aerial Photo	IE	-	-	-	-	N

Table 1 (continued). General description of all sites assessed between 2001-2004 on the Challis Ranger District, Salmon-Challis National Forest.

Site Code	Stream Name	Easting	Northing	Date Assessed	Stream Evaluation Method	Stream Type	Fish Sampling Method	Length (m)	Mean Width (m)	Water Temp (ºC)	Fish Present
376	Ennis Gulch	740825	4952043	1/6/2004	Aerial Photo	IE	-	-	-	-	N
377	Unnamed Trib. To Ennis Gulch	741411	4952180	1/6/2004	Aerial Photo	IE	-	-	-	-	N
378	Unnamed Trib. To Morgan Cr. (Pahsimeroi)	743247	4952102	1/6/2004	Aerial Photo	IE	-	-	-	-	N
379	Unnamed Trib. To Cow Cr.	745317	4957297	1/6/2004	Aerial Photo	IE	-	-	-	-	N
380	Unnamed Trib. To Cow Cr.	745513	4955559	1/6/2004	Aerial Photo	IE	-	-	-	-	N
381	Unnamed Trib. To E.F. Morgan Cr. (Pahsimeroi)	749438	4952707	1/6/2004	Aerial Photo	IE	-	-	-	-	N
382	Tater Cr.	749907	4947434	1/6/2004	Aerial Photo	IE	-	-	-	-	N
383	Tater Cr.	751469	4948899	1/6/2004	Aerial Photo	IE	-	-	-	-	N
384	Unnamed Trib. To Tater Cr.	751333	4950383	1/6/2004	Aerial Photo	IE	-	-	-	-	N
385	Unnamed Trib. To Morse Cr.	754159	4946670	1/9/2004	Aerial Photo	IE	-	-	-	-	N
386	Unnamed Trib. To Morse Cr.	755036	4946629	1/9/2004	Aerial Photo	IE	-	-	-	-	N
387	Unnamed Trib. To Morse Cr.	756751	4947874	1/9/2004	Aerial Photo	IE	-	-	-	-	N
388	Cold Cr.	755934	4950487	1/9/2004	Aerial Photo	IE	-	-	-	-	N
389	Unnamed Trib. To Cold Cr.	753914	4949935	1/9/2004	Aerial Photo	IE	-	-	-	-	N
390	Unnamed Trib. To Cold Cr.	754975	4949935	1/9/2004	Aerial Photo	IE	-	-	-	-	N
391	Unnamed Trib. To Mainstem Pahsimeroi	753404	4943221	1/9/2004	Aerial Photo	IE	-	-	-	-	N
392	Unnamed Trib. To Mainstem Pahsimeroi	754690	4942793	1/9/2004	Aerial Photo	IE	-	-	-	-	N
393	Unnamed Trib. To Falls Cr.	758526	4943976	1/9/2004	Aerial Photo	IE	-	-	-	-	N
394	Unnamed Trib. To Falls Cr.	758690	4945079	1/9/2004	Aerial Photo	IE	-	-	-	-	N
395	Unnamed Trib. To Falls Cr.	757873	4942568	1/9/2004	Aerial Photo	IE	-	-	-	-	N
396	Unnamed Trib. To Falls Cr.	759241	4943629	1/9/2004	Aerial Photo	IE	-	-	-	-	N
397	Unnamed Trib. To Falls Cr.	760159	4947895	1/9/2004	Aerial Photo	IE	-	-	-	-	N

Table 1 (continued). General description of all sites assessed between 2001-2004 on the Challis Ranger District, Salmon-Challis National Forest.

Site Code	Stream Name	Easting	Northing	Date Assessed	Stream Evaluation Method	Stream Type	Fish Sampling Method	Length (m)	Mean Width (m)	Water Temp (ºC)	Fish Present
398	Unnamed Trib. To Patterson Cr.	764281	4937629	1/9/2004	Aerial Photo	IE	-	-	-	-	N
399	Unnamed Trib. To Patterson Cr.	764037	4940650	1/9/2004	Aerial Photo	IE	-	-	-	-	N
400	Inyo Cr.	766465	4935833	1/9/2004	Aerial Photo	IE	-	-	-	-	N
401	Unnamed Trib. To Inyo Cr.	766833	4934731	1/9/2004	Aerial Photo	IE	-	-	-	-	N
402	Unnamed Trib. To North Fork of Big Cr.	774200	4927915	1/9/2004	Aerial Photo	IE	-	-	-	-	N
403	Unnamed Trib. To North Fork of Big Cr.	772282	4929425	1/9/2004	Aerial Photo	IE	-	-	-	-	N
404	Unnamed Trib. To North Fork of Big Cr.	773118	4930221	1/9/2004	Aerial Photo	IE	-	-	-	-	N
405	Unnamed Trib. To North Fork of Big Cr.	772608	4930752	1/9/2004	Aerial Photo	IE	-	-	-	-	N
406	Unnamed Trib. To North Fork of Big Cr.	773098	4932690	1/9/2004	Aerial Photo	IE	-	-	-	-	N
407	Unnamed Trib. To North Fork of Big Cr.	773404	4934262	1/9/2004	Aerial Photo	IE	-	-	-	-	N
408	Unnamed Trib. To South Fork Big Cr.	774873	4926241	1/9/2004	Aerial Photo	IE	-	-	-	-	N
409	Unnamed Trib. To South Fork Big Cr.	775486	4926405	1/9/2004	Aerial Photo	IE	-	-	-	-	N
410	Unnamed Trib. To South Fork Big Cr.	777873	4927425	1/9/2004	Aerial Photo	IE	-	-	-	-	N
411	Unnamed Trib. To South Fork Big Cr.	777935	4926527	1/9/2004	Aerial Photo	IE	-	-	-	-	N
412	Unnamed Trib. To South Fork Big Cr.	779404	4926384	1/9/2004	Aerial Photo	IE	-	-	-	-	N
413	Unnamed Trib. To South Fork Big Cr.	779710	4925792	1/9/2004	Aerial Photo	IE	-	-	-	-	N
414	Unnamed Trib. To South Fork Big Cr.	781404	4924609	1/9/2004	Aerial Photo	IE	-	-	-	-	N
415	Unnamed Trib. To South Fork Big Cr.	777322	4922711	1/9/2004	Aerial Photo	IE	-	-	-	-	N
416	Unnamed Trib. To South Fork Big Cr.	779484	4920438	1/9/2004	Aerial Photo	IE	-	-	-	-	N
417	Unnamed Trib. To Big Gulch Cr.	779574	4918003	1/9/2004	Aerial Photo	IE	-	-	-	-	N
418	Unnamed Trib. To Big Gulch Cr.	781238	4918094	1/9/2004	Aerial Photo	IE	-	-	-	-	N
419	Big Gulch Cr.	780935	4916567	1/9/2004	Aerial Photo	IE	-	-	-	-	N
420	Unnamed Trib. To Big Gulch Cr.	777654	4917232	1/9/2004	Aerial Photo	IE	-	-	-	-	N

Table 1 (continued). General description of all sites assessed between 2001-2004 on the Challis Ranger District, Salmon-Challis National Forest.

Site Code	Stream Name	Easting	Northing	Date Assessed	Stream Evaluation Method	Stream Type	Fish Sampling Method	Length (m)	Mean Width (m)	Water Temp (ºC)	Fish Present
421	Unnamed Trib. To Big Gulch Cr.	778667	4917459	1/9/2004	Aerial Photo	IE	-	-	-	-	N
422	Unnamed Trib. To Big Gulch Cr.	777775	4916264	1/9/2004	Aerial Photo	IE	-	-	-	-	N
423	Snowslide Cr.	777639	4919077	1/9/2004	Aerial Photo	IE	-	-	-	-	N
424	Unnamed Trib. To Big Gulch Cr.	776489	4918109	1/9/2004	Aerial Photo	IE	-	-	-	-	N
425	Unnamed Trib. To Big Gulch Cr.	776141	4918124	1/9/2004	Aerial Photo	IE	-	-	-	-	N
426	Hillside Cr.	775673	4920211	1/9/2004	Aerial Photo	IE	-	-	-	-	N
427	Bear Cr.	772890	4919379	1/9/2004	Aerial Photo	IE	-	-	-	-	N
428	Ditch Cr.	773843	4920907	1/9/2004	Aerial Photo	IE	-	-	-	-	N
429	Unnamed Trib. To Ditch Cr.	772663	4921890	1/9/2004	Aerial Photo	IE	-	-	-	-	N
430	Unnamed Trib. To Ditch Cr.	773525	4922313	1/9/2004	Aerial Photo	IE	-	-	-	-	N
431	Ditch Cr.	773359	4921920	1/9/2004	Aerial Photo	IE	-	-	-	-	N
432	Unnamed Trib. To Big Cr.	770637	4924793	1/9/2004	Aerial Photo	IE	-	-	-	-	N
433	Mill Cr.	767265	4932309	1/9/2004	Aerial Photo	IE	-	-	-	-	N
434	Mahogany Cr.	759310	4939099	1/9/2004	Aerial Photo	IE	-	-	-	-	N
435	Unnamed Trib. To Mahogany Cr.	758796	4939583	1/9/2004	Aerial Photo	IE	-	-	-	-	N
436	Unnamed Trib. To Mahogany Cr.	760006	4940505	1/9/2004	Aerial Photo	IE	-	-	-	-	N
437	Mahogany Cr.	761231	4940490	1/9/2004	Aerial Photo	IE	-	-	-	-	N
438	Cherry Cr.	723178	4952829	1/9/2004	Aerial Photo	IE	-	-	-	-	N
439	Unnamed Trib. To Cherry Cr.	723083	4954063	1/9/2004	Aerial Photo	IE	-	-	-	-	N
440	Unnamed Trib. To Ellis Cr.	723102	4955050	1/9/2004	Aerial Photo	IE	-	-	-	-	N
441	Unnamed Trib. To Ellis Cr.	723843	4956626	1/9/2004	Aerial Photo	IE	-	-	-	-	N
442	Unnamed Trib. To Ellis Cr.	722893	4957006	1/9/2004	Aerial Photo	IE	-	-	-	-	N
443	Unnamed Trib. To Ellis Cr.	723881	4958069	1/9/2004	Aerial Photo	IE	-	-	-	-	N

Table 1 (continued). General description of all sites assessed between 2001-2004 on the Challis Ranger District, Salmon-Challis National Forest.

Site Code	Stream Name	Easting	Northing	Date Assessed	Stream Evaluation Method	Stream Type	Fish Sampling Method	Length (m)	Mean Width (m)	Water Temp (ºC)	Fish Present
444	Unnamed Trib. To Ellis Cr.	722837	4957488	1/9/2004	Aerial Photo	IE	-	-	-	-	N
445	DeWitt Cr.	717147	4961776	1/9/2004	Aerial Photo	IE	-	-	-	-	N
446	Unnamed Trib. To Morgan Cr.	717164	4960803	1/9/2004	Aerial Photo	IE	-	-	-	-	N
447	Unnamed Trib. To Corral Cr.	718740	4965970	1/9/2004	Aerial Photo	IE	-	-	-	-	N
448	Unnamed Trib. To Mill Cr.	711158	4933261	1/9/2004	Aerial Photo	IE	-	-	-	-	N
449	Unnamed Trib. To Mill Cr.	710840	4932674	1/9/2004	Aerial Photo	IE	-	-	-	-	N
450	Big Hill Gulch	710789	4930980	1/9/2004	Aerial Photo	IE	-	-	-	-	N
451	Big Hill Gulch	711125	4931265	1/9/2004	Aerial Photo	IE	-	-	-	-	N
452	Big Hill Gulch	711008	4930795	1/9/2004	Aerial Photo	IE	-	-	-	-	N
453	Jeffs Cr.	710337	4935022	1/9/2004	Aerial Photo	IE	-	-	-	-	N
454	Jeffs Cr.	711678	4935760	1/9/2004	Aerial Photo	IE	-	-	-	-	N
455	Unnamed Trib. To Jeffs Cr.	710219	4933865	1/9/2004	Aerial Photo	IE	-	-	-	-	N
456	Unnamed Trib. To Jeffs Cr.	711561	4935357	1/9/2004	Aerial Photo	IE	-	-	-	-	N
457	Unnamed Trib. To Jeffs Cr.	711259	4936179	1/9/2004	Aerial Photo	IE	-	-	-	-	N
458	Unnamed Trib. To Jeffs Cr.	710018	4935676	1/9/2004	Aerial Photo	IE	-	-	-	-	N
459	Pats Cr.	710638	4942654	1/9/2004	Aerial Photo	IE	-	-	-	-	N
460	Lodgepole Creek	703610	4934770	1/9/2004	Aerial Photo	IE	-	-	-	-	N
461	Unnamed Trib. To Challis Cr.	711377	4939870	1/9/2004	Aerial Photo	IE	-	-	-	-	N
462	Unnamed Trib. To Challis Cr.	712282	4940121	1/9/2004	Aerial Photo	IE	-	-	-	-	N
463	Unnamed Tributary to Pork Creek	717898	4958817	1/15/2004	Aerial Photo	IE	-	-	-	-	N
464	Pork Creek	718242	4959047	1/15/2004	Aerial Photo	IE	-	-	-	-	N
465	Unnamed Tributary to Stephens Gulch	718222	4959932	1/15/2004	Aerial Photo	IE	-	-	-	-	N

Table 1 (continued). General description of all sites assessed between 2001-2004 on the Challis Ranger District, Salmon-Challis National Forest.

Site Code	Stream Name	Easting	Northing	Date Assessed	Stream Evaluation Method	Stream Type	Fish Sampling Method	Length (m)	Mean Width (m)	Water Temp (ºC)	Fish Present
466	Unnamed Tributary to Sawmill Creek	720086	4962364	1/15/2004	Aerial Photo	IE	-	-	-	-	N
467	Sawmill Creek	719559	4961938	1/15/2004	Aerial Photo	IE	-	-	-	-	N
468	Unnamed Tributary to Corral Creek	719994	4963397	1/15/2004	Aerial Photo	IE	-	-	-	-	N
469	Unnamed Tributary to Sawmill Creek	720532	4962809	1/15/2004	Aerial Photo	IE	-	-	-	-	N
470	Pig Creek	717715	4957237	1/15/2004	Aerial Photo	IE	-	-	-	-	N
471	Unnamed Tributary to Pig Creek	717169	4956245	1/15/2004	Aerial Photo	IE	-	-	-	-	N
472	Unnamed Tributary to Block Creek	718364	4955252	1/15/2004	Aerial Photo	IE	-	-	-	-	N
473	Unnamed Tributary to Pats Creek	709621	4943616	1/15/2004	Aerial Photo	IE	-	-	-	-	N
474	Unnamed Tributary to Darling Creek	714129	4945951	1/15/2004	Aerial Photo	IE	-	-	-	-	N
475	Unnamed Tributary to Darling Creek	714231	4948363	1/15/2004	Aerial Photo	IE	-	-	-	-	N

Table 2. Species occurrence in all sites assessed between 2001-2004 on the Challis Ranger District, Salmon-Challis National Forest.

Site Code	Stream Name	Date Assessed	Sampling Method	Fish Present	Rainbow/ Steelhead	Cutthroat	Bull	Brook	Brook/Bull Hybrids	Whitefish	Sculpin
1	West Fork Morgan Creek	7/16/2001	E-fish	Y	Y	Y	Y	N	N	N	Y
2	Little West Fork Morgan Creek	7/17/2001	E-fish	Y	N	Y	N	N	N	N	N
3	West Fork Morgan Creek	7/17/2001	E-fish	Y	N	Y	Y	N	N	N	Y
4	Blowfly Creek	7/17/2001	E-fish	Y	N	Y	N	N	N	N	N
5	Bear Creek	7/18/2001	-	N	N	N	N	N	N	N	N
6	Lick Creek	7/17/2011	E-fish	Y	Y	Y	Y	N	N	N	Y
7	Lick Creek	7/17/2001	E-fish	Y	N	Y	Y	N	N	N	N
8	Trail Creek	7/18/2001	E-fish	Y	Y	Y	N	N	N	N	Y
9	Trail Creek	7/18/2001	E-fish	Y	N	Y	N	N	N	N	Y
10	Van Horn Creek	7/19/2001	E-fish	Y	Y	Y	N	N	N	N	N
11	Van Horn Creek	7/18/2001	E-fish	Y	N	Y	Y	N	N	N	N
12	Morgan Creek	7/17/2001	E-fish	Y	Y	N	Y	N	N	Y	Y
13	Morgan Creek	7/19/2001	E-fish	Y	Y	Y	Y	N	N	N	Y
14	DeWitt Creek	7/19/2001	-	N	N	N	N	N	N	N	N
15	Annie Roonie Creek	7/19/2001	Visual	N	N	N	N	N	N	N	N
16	Morgan Creek	7/19/2001	E-fish	Y	Y	Y	N	N	N	N	N
17	Alder Creek	7/19/2001	E-fish	Y	N	Y	N	N	N	N	N
18	Morgan Creek	7/18/2001	E-fish	Y	N	Y	N	N	N	N	Y
19	Eddy Creek	7/26/2001	E-fish	Y	Y	Y	N	N	N	N	N
20	Eddy Creek	7/31/2001	E-fish	Y	N	Y	N	N	N	N	N
21	“North Fork Eddy Creek”	7/30/2001	E-fish	Y	N	Y	N	N	N	N	N
22	“North Fork Eddy Creek”	7/31/2001	E-fish	Y	N	Y	N	N	N	N	N
23	Eddy Creek	7/31/2001	E-fish	Y	N	Y	N	N	N	N	N
24	“Camas Fork Eddy Creek”	7/31/2001	E-fish	Y	N	Y	N	N	N	N	N
25	“Middle Fork Eddy Creek”	7/31/2001	E-fish	Y	N	Y	N	N	N	N	N
26	Eddy Creek	7/31/2001	E-fish	Y	N	Y	N	N	N	N	N
27	Eddy Creek	7/31/2001	E-fish	Y	N	Y	N	N	N	N	N
28	White Valley Creek	7/25/2001	E-fish	Y	Y	Y	N	Y	N	N	N
29	White Valley Creek	7/25/2001	-	N	N	N	N	N	N	N	N
30	Corral Creek	8/2/2001	E-fish	Y	Y	Y	Y	N	N	N	Y

Table 2 (continued). Species occurrence in all sites assessed between 2001-2004 on the Challis Ranger District, Salmon-Challis National Forest.

Site Code	Stream Name	Date Assessed	Sampling Method	Fish Present	Rainbow/ Steelhead	Cutthroat	Bull	Brook	Brook/Bull Hybrids	Whitefish	Sculpin
31	Bear Creek	7/25/2001	E-fish	Y	N	Y	Y	N	N	N	Y
32	West Fork Creek	7/25/2001	E-fish	Y	N	Y	Y	N	N	N	N
33	Mill Creek	7/26/2001	E-fish	Y	N	Y	Y	N	N	N	N
34	Mill Creek	7/26/2001	E-fish	Y	N	Y	Y	N	N	N	N
35	Challis Creek	7/25/2001	E-fish	Y	N	Y	Y	Y	Y	N	Y
36	Christian Gulch	7/9/2001	-	N	N	N	N	N	N	N	N
37	Christian Gulch	7/9/2001	-	N	N	N	N	N	N	N	N
38	Christian Gulch	7/9/2001	-	N	N	N	N	N	N	N	N
39	Dead Cat Canyon	7/9/2001	-	N	N	N	N	N	N	N	N
40	Mill Creek	7/9/2001	E-Fish	N	N	N	N	N	N	N	N
41	Grouse Creek	7/9/2001	-	N	N	N	N	N	N	N	N
42	Grouse Creek	7/10/2001	E-Fish	Y	Y	N	N	N	N	N	N
43	Unnamed Tributary to Grouse Creek	7/9/2001	Visual	N	N	N	N	N	N	N	N
44	Meadow Creek	7/10/2001	-	N	N	N	N	N	N	N	N
45	Elbow Creek	7/11/2001	-	N	N	N	N	N	N	N	N
46	Meadow Creek	7/11/2001	Visual	N	N	N	N	N	N	N	N
47	Sulphur Creek	7/10/2001	E-Fish	Y	N	Y	N	N	N	N	N
48	Trail Creek	7/14/2001	Visual	N	N	N	N	N	N	N	N
49	Blind Fork	7/10/2001	-	N	N	N	N	N	N	N	N
50	South Fork Lawson Creek	7/11/2001	Visual	N	N	N	N	N	N	N	N
51	Middle Fork Lawson Creek	7/11/2001	E-Fish	Y	Y	N	N	N	N	N	N
52	Unnamed Tributary to North Fork Lawson	7/14/2001	-	N	N	N	N	N	N	N	N
53	North Fork Lawson Creek	7/14/2001	-	N	N	N	N	N	N	N	N
54	Rock Creek	7/5/2001	-	N	N	N	N	N	N	N	N
55	East Fork Pahsimeroi River	7/6/2001	E-Fish	Y	N	N	Y	N	N	N	Y
56	East Fork Pahsimeroi River	7/6/2001	E-Fish	Y	N	N	Y	N	N	N	Y
57	West Fork Pahsimeroi River	7/5/2001	E-Fish	Y	N	N	Y	N	N	N	N
58	Mahogany Creek	7/5/2001	E-Fish	Y	N	N	Y	N	N	N	N
59	Mud Springs	7/5/2001	-	N	N	N	N	N	N	N	N

Table 2 (continued). Species occurrence in all sites assessed between 2001-2004 on the Challis Ranger District, Salmon-Challis National Forest.

Site Code	Stream Name	Date Assessed	Sampling Method	Fish Present	Rainbow/ Steelhead	Cutthroat	Bull	Brook	Brook/Bull Hybrids	Whitefish	Sculpin
60	"Unnamed Tributary North of Mud Springs"	7/5/2001	-	N	N	N	N	N	N	N	N
61	Unnamed Stream	8/14/2001	-	N	N	N	N	N	N	N	N
62	Allison Creek	8/2/2001	E-Fish	Y	N	Y	N	N	N	N	N
63	Allison Creek	8/2/2001	-	N	N	N	N	N	N	N	N
64	North Fork Cow Creek	8/2/2001	E-Fish	N	N	N	N	N	N	N	N
65	Ellis Creek	6/18/2002	-	N	N	N	N	N	N	N	N
66	Ellis Creek	6/18/2002	-	N	N	N	N	N	N	N	N
67	Gooseberry Creek	6/19/2002	Visual	N	N	N	N	N	N	N	N
68	Block Creek	6/18/2002	Visual	N	N	N	N	N	N	N	N
69	Block Creek	6/18/2002	E-fish	N	N	N	N	N	N	N	N
70	Block Creek	6/18/2002	Visual	N	N	N	N	N	N	N	N
71	Pig Creek	6/18/2002	Visual	N	N	N	N	N	N	N	N
72	Pork Creek	6/18/2002	Visual	N	N	N	N	N	N	N	N
73	Stephens Creek	6/18/2002	Visual	N	N	N	N	N	N	N	N
74	Sawmill Creek	6/18/2002	Visual	N	N	N	N	N	N	N	N
75	Corral Creek	8/15/2002	E-fish	Y	N	Y	Y	N	N	N	Y
76	Unnamed Tributary to Corral Creek	8/15/2002	-	N	N	N	N	N	N	N	N
77	Corral Creek	8/15/2002	E-fish	Y	N	Y	Y	N	N	N	Y
78	Corral Creek	8/15/2002	E-fish	Y	N	Y	N	N	N	N	N
79	Trail Creek	9/17/2002	E-fish	Y	N	Y	N	N	N	N	Y
80	Darling Creek	6/19/2002	E-fish	Y	N	Y	N	N	N	N	Y
81	Unnamed Tributary to Challis Creek	7/1/2002	Visual	N	N	N	N	N	N	N	N
82	Unnamed Tributary to Challis Creek	7/2/2002	E-fish	Y	N	Y	N	Y	N	N	N
83	Unnamed Tributary to Challis Creek	7/2/2002	-	N	N	N	N	N	N	N	N
84	Unnamed Tributary to Challis Creek	7/2/2002	Visual	N	N	N	N	N	N	N	N
85	Unnamed Tributary to Challis Creek	7/2/2002	Visual	N	N	N	N	N	N	N	N
86	Challis Creek	7/2/2002	E-fish	Y	N	Y	Y	Y	N	N	N
87	Unnamed Tributary to Challis Creek	7/11/2002	E-fish	Y	N	Y	N	N	N	N	N
88	Unnamed Tributary to Challis Creek	7/2/2002	Visual	N	N	N	N	N	N	N	N

Table 2 (continued). Species occurrence in all sites assessed between 2001-2004 on the Challis Ranger District, Salmon-Challis National Forest.

Site Code	Stream Name	Date Assessed	Sampling Method	Fish Present	Rainbow/ Steelhead	Cutthroat	Bull	Brook	Brook/Bull Hybrids	Whitefish	Sculpin
89	Challis Creek	9/11/2002	E-fish	Y	Y	Y	N	Y	N	N	Y
90	Challis Creek	7/2/2002	E-fish	Y	Y	Y	N	N	N	N	Y
91	Lodgepole Creek	7/3/2002	E-fish	Y	N	Y	Y	N	N	N	N
92	Unnamed Tributary to Challis Creek	7/3/2002	-	N	N	N	N	N	N	N	N
93	Challis Creek	7/3/2002	E-fish	Y	Y	Y	Y	Y	N	N	Y
94	Challis Creek	7/2/2002	E-fish	Y	Y	N	N	N	N	N	Y
95	Cold Spring Gulch	7/8/2002	Visual	N	N	N	N	N	N	N	N
96	Spring Gulch	7/8/2002	E-fish	N	N	N	N	N	N	N	N
97	Bear Creek	7/8/2002	E-fish	N	N	N	N	N	N	N	N
98	Lang Gulch	7/8/2002	Visual	N	N	N	N	N	N	N	N
99	Armison Gulch	7/8/2002	Visual	N	N	N	N	N	N	N	N
100	Unnamed Tributary to Bear Creek	7/9/2002	-	N	N	N	N	N	N	N	N
101	Twinn Creek	7/8/2002	E-fish	Y	N	Y	N	N	N	N	N
102	Bear Creek	7/8/2002	E-fish	N	N	N	N	N	N	N	N
103	Pats Creek	7/3/2002	E-fish	Y	N	Y	N	N	N	N	N
104	Pats Creek	7/3/2002	Visual	N	N	N	N	N	N	N	N
105	Pats Creek	7/3/2002	Visual	N	N	N	N	N	N	N	N
106	Challis Creek	9/11/2002	E-fish	Y	Y	Y	N	Y	N	N	N
107	Mill Creek	7/10/2002	E-fish	Y	N	Y	Y	N	N	N	N
108	Unnamed Tributary to Mill Creek	7/9/2002	Visual	N	N	N	N	N	N	N	N
109	Unnamed Tributary to Mill Creek	7/9/2002	-	N	N	N	N	N	N	N	N
110	Mill Creek	7/10/2002	E-fish	Y	N	Y	Y	N	N	N	N
111	Mill Creek	7/11/2002	E-fish	Y	N	Y	Y	N	N	N	N
112	West Creek	7/10/2002	E-fish	Y	N	Y	Y	N	N	N	N
113	Unnamed Tributary to Mill Creek	7/9/2002	Visual	N	N	N	N	N	N	N	N
114	Unnamed Tributary to Mill Creek	7/9/2002	Visual	N	N	N	N	N	N	N	N
115	Unnamed Tributary to Mill Creek	7/9/2002	-	N	N	N	N	N	N	N	N
116	Park Creek	7/9/2002	E-fish	Y	N	Y	Y	N	N	N	N
117	Park Creek	7/11/2002	E-fish	N	N	N	N	N	N	N	N

Table 2 (continued). Species occurrence in all sites assessed between 2001-2004 on the Challis Ranger District, Salmon-Challis National Forest.

Site Code	Stream Name	Date Assessed	Sampling Method	Fish Present	Rainbow/ Steelhead	Cutthroat	Bull	Brook	Brook/Bull Hybrids	Whitefish	Sculpin
118	Unnamed Tributary to Mill Creek	7/9/2002	Visual	N	N	N	N	N	N	N	N
119	Mill Creek	7/10/2002	E-fish	N	N	N	N	N	N	N	N
120	Mill Creek	7/10/2002	E-fish	Y	N	Y	Y	N	N	N	N
121	Keystone Gulch	7/2/2002	-	N	N	N	N	N	N	N	N
122	Merrimack Gulch	7/2/2002	-	N	N	N	N	N	N	N	N
123	Bull of the Woods Creek	7/11/2002	E-fish	N	N	N	N	N	N	N	N
124	North Gulch	7/2/2002	-	N	N	N	N	N	N	N	N
125	Garden Creek	7/11/2002	E-fish	Y	N	N	Y	N	N	N	N
126	Spruce Gulch	7/10/2002	E-fish	Y	N	N	Y	N	N	N	N
127	Outlet to Buster Lake	7/9/2002	E-fish	Y	N	N	N	Y	N	N	N
128	Unnamed inlet to Buster Lake	7/9/2002	E-fish	Y	Y	N	N	N	N	N	N
129	Garden Creek	7/11/2002	E-fish	Y	N	Y	Y	N	N	N	N
130	Garden Creek	7/11/2002	E-fish	Y	N	Y	Y	N	N	N	Y
131	Allison Creek	6/24/2002	E-Fish	Y	N	Y	N	N	N	N	N
132	North Fork Cow Creek	6/25/2002	E-Fish	N	N	N	N	N	N	N	N
133	North Fork Cow Creek	6/25/2002	E-Fish	N	N	N	N	N	N	N	N
134	North Fork Cow Creek	6/25/2002	E-Fish	Y	N	Y	N	N	N	N	N
135	Mud Creek Springs	6/25/2002	Visual	N	N	N	N	N	N	N	N
136	Cow Creek	7/17/2002	E-Fish	Y	N	Y	Y	N	N	N	N
137	Cow Creek	7/17/2002	E-Fish	Y	N	Y	Y	N	N	N	N
138	Unnamed Tributary to Cow Creek	7/17/2002	Visual	N	N	N	N	N	N	N	N
139	Unnamed Tributary to Cow Creek	7/17/2002	Visual	N	N	N	N	N	N	N	N
140	North Fork Morgan Creek (Pahsimeroi)	7/18/2002	E-Fish	Y	N	Y	Y	N	N	N	N
141	North Fork Morgan Creek (Pahsimeroi)	7/18/2002	E-Fish	Y	N	N	Y	N	N	N	N
142	East Fork Morgan Creek (Pahsimeroi)	6/26/2002	E-Fish	Y	N	Y	Y	N	N	N	N
143	East Fork Morgan Creek (Pahsimeroi)	6/26/2002	E-Fish	Y	N	Y	Y	N	N	N	N
144	East Fork Morgan Creek (Pahsimeroi)	6/26/2002	E-Fish	Y	N	N	Y	N	N	N	N
145	East Fork Morgan Creek (Pahsimeroi)	6/26/2002	E-Fish	N	N	N	N	N	N	N	N
146	Spring Gulch	6/25/2002	-	N	N	N	N	N	N	N	N

Table 2 (continued). Species occurrence in all sites assessed between 2001-2004 on the Challis Ranger District, Salmon-Challis National Forest.

Site Code	Stream Name	Date Assessed	Sampling Method	Fish Present	Rainbow/ Steelhead	Cutthroat	Bull	Brook	Brook/Bull Hybrids	Whitefish	Sculpin
147	Morse Creek	6/27/2002	E-Fish	Y	N	Y	Y	N	N	N	N
148	Cold Creek	7/16/2002	E-Fish	Y	N	Y	Y	N	N	N	N
149	Morse Creek	6/27/2002	E-Fish	Y	N	Y	Y	N	N	N	Y
150	Unnamed Tributary to Morse Creek	7/16/2002	E-Fish	Y	N	Y	N	N	N	N	N
151	Morse Creek	7/16/2002	E-Fish	Y	N	N	Y	N	N	N	N
152	Unnamed Tributary to Morse Creek	7/16/2002	E-Fish	N	N	N	N	N	N	N	N
153	Falls Creek	6/20/2002	E-Fish	Y	N	N	Y	N	N	N	N
154	Falls Creek	0/0/2002	Snorkel	Y	N	N	Y	N	N	N	N
155	Mahogany Creek	6/20/2002	Visual	N	N	N	N	N	N	N	N
156	Patterson Creek	7/13/2002	E-Fish	Y	N	N	Y	N	N	N	Y
157	Inyo Creek	7/12/2002	Visual	N	N	N	N	N	N	N	N
158	Patterson Creek	7/15/2002	E-Fish	Y	N	N	Y	N	N	N	Y
159	Patterson Creek	8/2/2002	E-Fish	Y	N	N	Y	N	N	N	N
160	Patterson Creek	8/3/2002	Snorkel	Y	N	N	Y	N	N	N	N
161	Patterson Creek	8/5/2002	Snorkel	Y	N	N	Y	N	N	N	N
162	Unnamed Tributary to E.F. Patterson Creek	7/10/2002	Visual	U	N	N	N	N	N	N	N
163	Unnamed Tributary to E.F. Patterson Creek	7/10/2002	Visual	N	N	N	N	N	N	N	N
164	East Fork Patterson Creek	7/15/2002	E-Fish	Y	N	N	Y	N	N	N	N
165	East Fork Patterson Creek	7/15/2002	E-Fish	N	N	N	N	N	N	N	N
166	Stinking Creek	7/25/2002	Visual	N	N	N	N	N	N	N	N
167	Mill Creek	7/25/2002	Visual	N	N	N	N	N	N	N	N
168	Ditch Creek	7/2/2002	E-Fish	Y	N	N	Y	N	N	N	N
169	Ditch Creek	7/2/2002	Visual	N	N	N	N	N	N	N	N
170	Hillside Creek	7/2/2002	Visual	N	N	N	N	N	N	N	N
171	Big Gulch Creek	7/2/2002	E-Fish	Y	N	N	Y	N	N	N	Y
172	Unnamed Tributary to Big Gulch	7/2/2002	E-Fish	N	N	N	N	N	N	N	N
173	Big Gulch Creek	7/1/2002	E-Fish	Y	N	N	Y	N	N	N	N
174	Unnamed Tributary to Big Gulch	7/2/2002	E-Fish	Y	N	N	Y	N	N	N	N
175	Big Creek	7/24/2002	E-Fish	Y	Y	Y	Y	N	N	N	Y

Table 2 (continued). Species occurrence in all sites assessed between 2001-2004 on the Challis Ranger District, Salmon-Challis National Forest.

Site Code	Stream Name	Date Assessed	Sampling Method	Fish Present	Rainbow/ Steelhead	Cutthroat	Bull	Brook	Brook/Bull Hybrids	Whitefish	Sculpin
176	North Fork Big Creek	7/24/2002	E-Fish	Y	N	Y	Y	N	N	N	Y
177	South Fork Big Creek	7/23/2002	E-Fish	Y	N	Y	Y	N	N	N	Y
178	"Unnamed Tributary to North Fork Big Creek"	7/24/2002	Visual	N	N	N	N	N	N	N	N
179	West Fork Big Creek	7/24/2002	E-Fish	Y	N	Y	N	N	N	N	N
180	West Fork Big Creek	7/24/2002	Visual	N	N	N	N	N	N	N	N
181	"Unnamed Tributary to North Fork Big Creek"	8/2/2002	Visual	U	N	N	N	N	N	N	N
182	North Fork Big Creek	8/2/2002	E-Fish	Y	N	Y	Y	N	N	N	Y
183	Lake Fork of North Fork Big Creek	8/2/2002	E-Fish	N	N	N	N	N	N	N	N
184	North Fork Big Creek	8/2/2002	E-Fish	Y	N	N	Y	N	N	N	N
185	North Fork Big Creek	8/2/2002	Visual	Y	N	N	Y	N	N	N	N
186	Unnamed Tributary to North Fork Big Creek	8/2/2002	E-Fish	Y	N	N	Y	N	N	N	N
187	South Fork Big Creek	7/30/2002	Snorkel	Y	N	Y	Y	N	N	N	N
188	Unnamed Tributary to South Fork Big Creek	7/30/2002	Snorkel	Y	N	Y	Y	N	N	N	N
189	South Fork Big Creek	7/30/2002	Snorkel	Y	N	Y	Y	N	N	N	N
190	South Fork Big Creek	7/29/2002	Snorkel	Y	N	Y	Y	N	N	N	N
191	Lime Creek	8/5/2002	Visual	N	N	N	N	N	N	N	N
192	Crane Basin	8/5/2002	Visual	N	N	N	N	N	N	N	N
193	Crane Basin	8/5/2002	-	N	N	N	N	N	N	N	N
194	Crane Basin	8/5/2002	Visual	N	N	N	N	N	N	N	N
195	Daugberty Gulch	7/1/2003	-	N	N	N	N	N	N	N	N
196	Big Hill Gulch	6/30/2003	-	N	N	N	N	N	N	N	N
197	West Creek	6/24/2003	E-fish	N	N	N	N	N	N	N	N
198	Unnamed Tributary to Challis Creek	6/24/2003	E-fish	Y	N	Y	N	Y	N	N	N
199	Unnamed Tributary to Challis Creek	6/24/2003	E-fish	N	N	N	N	N	N	N	N
200	Challis Creek	6/23/2003	E-fish	Y	N	Y	N	N	N	N	N
201	Twinn Creek	6/23/2003	E-fish	Y	N	Y	Y	N	N	N	N
202	West Fork Creek	6/23/2003	E-fish	Y	N	Y	Y	N	N	N	N
203	Unnamed Tributary to Spring Gulch	6/26/2003	-	N	N	N	N	N	N	N	N
204	Spring Gulch	7/1/2003	-	N	N	N	N	N	N	N	N

Table 2 (continued). Species occurrence in all sites assessed between 2001-2004 on the Challis Ranger District, Salmon-Challis National Forest.

Site Code	Stream Name	Date Assessed	Sampling Method	Fish Present	Rainbow/ Steelhead	Cutthroat	Bull	Brook	Brook/Bull Hybrids	Whitefish	Sculpin
205	Third Springs Creek	7/1/2003	Visual	N	N	N	N	N	N	N	N
206	Third Springs Creek	7/1/2003	-	N	N	N	N	N	N	N	N
207	Darling Creek	6/26/2003	E-fish	Y	N	Y	N	N	N	N	N
208	Fourth Springs Creek	6/30/2003	-	N	N	N	N	N	N	N	N
209	Little West Fork Morgan Creek	6/30/2003	Visual	N	N	N	N	N	N	N	N
210	Block Creek	6/30/2003	Snorkel	N	N	N	N	N	N	N	N
211	Block Creek	6/30/2003	Visual	N	N	N	N	N	N	N	N
212	Van Horn Creek	6/30/2003	E-fish	Y	N	N	Y	N	N	N	N
213	Burnt Gulch	6/30/2003	Visual	N	N	N	N	N	N	N	N
214	"South Fork Alder Creek"	7/30/2003	E-fish	Y	N	Y	N	N	N	N	N
215	"North Fork Alder Creek"	7/30/2003	E-fish	Y	N	Y	N	N	N	N	N
216	Morgan Creek	7/30/2003	E-fish	Y	N	Y	N	N	N	N	N
217	Sams Gulch	7/30/2003	E-fish	N	N	N	N	N	N	N	N
218	North Fork Morgan Creek	6/20/2003	Snorkel	Y	N	N	Y	N	N	N	N
219	Sulphur Creek	6/26/2003	E-Fish	N	N	N	N	N	N	N	N
220	Unnamed Tributary to Cold Creek	6/23/2003	Visual	N	N	N	N	N	N	N	N
221	Cold Creek	6/23/2003	Snorkel	Y	N	Y	Y	N	N	N	N
222	Inyo Creek	6/18/2003	E-Fish	N	N	N	N	N	N	N	N
223	Inyo Creek	6/18/2003	E-Fish	N	N	N	N	N	N	N	N
224	Spring Below Carlson Lake	6/18/2003	Visual	N	N	N	N	N	N	N	N
225	Mahogany Creek	6/12/2003	E-Fish	Y	N	N	Y	N	N	N	N
226	"East Fork Pahsimeroi, Left Fork"	6/18/2003	Snorkel	N	N	N	N	N	N	N	N
227	"East Fork Pahsimeroi, Left Fork"	6/17/2003	E-Fish	N	N	N	N	N	N	N	N
228	"East Fork Pahsimeroi, Right Fork"	6/18/2003	Snorkel	N	N	N	N	N	N	N	N
229	"East Fork Pahsimeroi, Right Fork"	6/18/2003	Snorkel	N	N	N	N	N	N	N	N
230	Crane Basin	6/25/2003	Visual	N	N	N	N	N	N	N	N
231	Lime Creek	6/25/2003	Visual	N	N	N	N	N	N	N	N
232	Lime Creek	6/25/2003	-	N	N	N	N	N	N	N	N
233	E.F. Burnt Cr.	1/5/2004	-	N	N	N	N	N	N	N	N

Table 2 (continued). Species occurrence in all sites assessed between 2001-2004 on the Challis Ranger District, Salmon-Challis National Forest.

Site Code	Stream Name	Date Assessed	Sampling Method	Fish Present	Rainbow/ Steelhead	Cutthroat	Bull	Brook	Brook/Bull Hybrids	Whitefish	Sculpin
234	E.F. Burnt Cr.	1/5/2004	-	N	N	N	N	N	N	N	N
235	W.F. Burnt Cr.	1/5/2004	-	N	N	N	N	N	N	N	N
236	W.F. Burnt Cr.	1/5/2004	-	N	N	N	N	N	N	N	N
237	W.F. Burnt Cr.	1/5/2004	-	N	N	N	N	N	N	N	N
238	Unnamed Trib. To W. F. Burnt Cr.	1/5/2004	-	N	N	N	N	N	N	N	N
239	Unnamed Trib. To W. F. Burnt Cr.	1/5/2004	-	N	N	N	N	N	N	N	N
240	Unnamed Trib. To W. F. Burnt Cr.	1/5/2004	-	N	N	N	N	N	N	N	N
241	Unnamed Trib. To W. F. Burnt Cr.	1/5/2004	-	N	N	N	N	N	N	N	N
242	Unnamed Trib. To E.F. Pahsimeroi	1/5/2004	-	N	N	N	N	N	N	N	N
243	Unnamed Trib. To E.F. Pahsimeroi	1/5/2004	-	N	N	N	N	N	N	N	N
244	Unnamed Trib. To E.F. Pahsimeroi	1/5/2004	-	N	N	N	N	N	N	N	N
245	Unnamed Trib. To E.F. Pahsimeroi	1/5/2004	-	N	N	N	N	N	N	N	N
246	Unnamed Trib. To E.F. Pahsimeroi	1/5/2004	-	N	N	N	N	N	N	N	N
247	Unnamed Trib. To E.F. Pahsimeroi	1/5/2004	-	N	N	N	N	N	N	N	N
248	Unnamed Trib. To E.F. Pahsimeroi	1/5/2004	-	N	N	N	N	N	N	N	N
249	Unnamed Trib. To E.F. Pahsimeroi	1/5/2004	-	N	N	N	N	N	N	N	N
250	Unnamed Trib. To Mainstem Pahsimeroi	1/6/2004	-	N	N	N	N	N	N	N	N
251	Unnamed Trib. To Mainstem Pahsimeroi	1/6/2004	-	N	N	N	N	N	N	N	N
252	Unnamed Trib. To E.F. Pahsimeroi	1/6/2004	-	N	N	N	N	N	N	N	N
253	Unnamed Trib. To W. F. Pahsimeroi	1/6/2004	-	N	N	N	N	N	N	N	N
254	Unnamed Trib. To W. F. Pahsimeroi	1/6/2004	-	N	N	N	N	N	N	N	N
255	Unnamed Trib. To W. F. Pahsimeroi	1/6/2004	-	N	N	N	N	N	N	N	N
256	Unnamed Trib. To W. F. Pahsimeroi	1/6/2004	-	N	N	N	N	N	N	N	N
257	Unnamed Trib. To Mainstem Pahsimeroi	1/6/2004	-	N	N	N	N	N	N	N	N
258	Unnamed Trib. To Mahogany Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
259	Unnamed Trib. To Mahogany Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
260	Unnamed Trib. To Mahogany Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
261	Unnamed Trib. To Mahogany Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
262	Unnamed Trib. To Mahogany Cr.	1/6/2004	-	N	N	N	N	N	N	N	N

Table 2 (continued). Species occurrence in all sites assessed between 2001-2004 on the Challis Ranger District, Salmon-Challis National Forest.

Site Code	Stream Name	Date Assessed	Sampling Method	Fish Present	Rainbow/ Steelhead	Cutthroat	Bull	Brook	Brook/Bull Hybrids	Whitefish	Sculpin
263	Unnamed Trib. To Mahogany Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
264	Unnamed Trib. To Mahogany Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
265	Unnamed Trib. To Mahogany Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
266	Unnamed Trib. To Mahogany Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
267	Unnamed Trib. To Mahogany Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
268	Unnamed Trib. To Double Springs Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
269	Unnamed Trib. To Double Springs Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
270	Cayuse Canyon	1/6/2004	-	N	N	N	N	N	N	N	N
271	Cayuse Canyon	1/6/2004	-	N	N	N	N	N	N	N	N
272	Cayuse Canyon	1/6/2004	-	N	N	N	N	N	N	N	N
273	Double Springs Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
274	Unnamed Trib. To Double Springs Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
275	Double Springs Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
276	Unnamed Trib. To Double Springs Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
277	Unnamed Trib. To Double Springs Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
278	Unnamed Trib. To Double Springs Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
279	Unnamed Trib. To Double Springs Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
280	Double Springs Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
281	Unnamed Trib. To Double Springs Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
282	Double Springs Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
283	Buck Canyon	1/6/2004	-	N	N	N	N	N	N	N	N
284	Unnamed Trib. To Double Springs Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
285	Unnamed Trib. To Double Springs Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
286	Unnamed Trib. To Double Springs Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
287	Unnamed Trib. To Double Springs Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
288	Unnamed Trib. To Double Springs Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
289	Unnamed Trib. To Double Springs Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
290	Unnamed Trib. To Double Springs Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
291	Unnamed Trib. To Double Springs Cr.	1/6/2004	-	N	N	N	N	N	N	N	N

Table 2 (continued). Species occurrence in all sites assessed between 2001-2004 on the Challis Ranger District, Salmon-Challis National Forest.

Site Code	Stream Name	Date Assessed	Sampling Method	Fish Present	Rainbow/ Steelhead	Cutthroat	Bull	Brook	Brook/Bull Hybrids	Whitefish	Sculpin
292	Unnamed Trib. To Double Springs Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
293	Unnamed Trib. To Double Springs Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
294	Unnamed Trib. To Double Springs Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
295	Unnamed Trib. To Double Springs Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
296	Christian Gulch	1/6/2004	-	N	N	N	N	N	N	N	N
297	Unnamed Trib. To Christian Gulch	1/6/2004	-	N	N	N	N	N	N	N	N
298	Unnamed Trib. To Christian Gulch	1/6/2004	-	N	N	N	N	N	N	N	N
299	Unnamed Trib. To Christian Gulch	1/6/2004	-	N	N	N	N	N	N	N	N
300	Unnamed Trib. To Christian Gulch	1/6/2004	-	N	N	N	N	N	N	N	N
301	Unnamed Trib. To Christian Gulch	1/6/2004	-	N	N	N	N	N	N	N	N
302	Christian Gulch	1/6/2004	-	N	N	N	N	N	N	N	N
303	Unnamed Trib. To Double Springs Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
304	Rock Spring Canyon	1/6/2004	-	N	N	N	N	N	N	N	N
305	Unnamed Trib. to Rock Spring Canyon	1/6/2004	-	N	N	N	N	N	N	N	N
306	Dead Cat Canyon	1/6/2004	-	N	N	N	N	N	N	N	N
307	Dead Cat Canyon	1/6/2004	-	N	N	N	N	N	N	N	N
308	Unnamed Trib. To Mainstem Pahsimeroi	1/6/2004	-	N	N	N	N	N	N	N	N
309	Unnamed Trib. To Mainstem Pahsimeroi	1/6/2004	-	N	N	N	N	N	N	N	N
310	Unnamed Trib. To Mainstem Pahsimeroi	1/6/2004	-	N	N	N	N	N	N	N	N
311	Dry Canyon	1/6/2004	-	N	N	N	N	N	N	N	N
312	Mulkey Gulch	1/6/2004	-	N	N	N	N	N	N	N	N
313	Dry Canyon	1/6/2004	-	N	N	N	N	N	N	N	N
314	Unnamed Trib. To Mainstem Pahsimeroi	1/6/2004	-	N	N	N	N	N	N	N	N
315	Unnamed Trib. To Grouse Cr.	1/7/2004	-	N	N	N	N	N	N	N	N
316	Grouse Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
317	Grouse Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
318	Grouse Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
319	Unnamed Trib. To Meadow Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
320	Unnamed Trib. To Meadow Cr.	1/6/2004	-	N	N	N	N	N	N	N	N

Table 2 (continued). Species occurrence in all sites assessed between 2001-2004 on the Challis Ranger District, Salmon-Challis National Forest.

Site Code	Stream Name	Date Assessed	Sampling Method	Fish Present	Rainbow/ Steelhead	Cutthroat	Bull	Brook	Brook/Bull Hybrids	Whitefish	Sculpin
321	Grouse Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
322	Meadow Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
323	Sulphur Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
324	Unnamed Trib. To Sulphur Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
325	Unnamed Trib. To Sulphur Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
326	Unnamed Trib. To Sulphur Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
327	Unnamed Trib. To Sulphur Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
328	Blind Fork of Trail Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
329	Unnamed Trib. To Sulphur Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
330	Unnamed Trib. To Trail Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
331	Unnamed Trib. To Trail Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
332	Unnamed Trib. To Trail Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
333	Middle Fork of Lawson Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
334	Unnamed Trib. To Middle Fork of Lawson Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
335	Unnamed Trib. To Middle Fork of Lawson Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
336	Unnamed Trib. To North Fork of Lawson Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
337	Unnamed Trib. To Mainstem Pahsimeroi	1/6/2004	-	N	N	N	N	N	N	N	N
338	Sheep Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
339	Unnamed Trib. To Warm Springs Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
340	Unnamed Trib. To Sheep Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
341	Unnamed Trib. To Sheep Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
342	Unnamed Trib. To Gooseberry Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
343	Unnamed Trib. To McGowan Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
344	McGowan Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
345	Crane Basin	1/6/2004	-	N	N	N	N	N	N	N	N
346	Unnamed Trib. To Lime Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
347	Unnamed Trib. To Hole-In-Rock Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
348	Unnamed Trib. To Hole-In-Rock Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
349	Hole-In-Rock Cr.	1/6/2004	-	N	N	N	N	N	N	N	N

Table 2 (continued). Species occurrence in all sites assessed between 2001-2004 on the Challis Ranger District, Salmon-Challis National Forest.

Site Code	Stream Name	Date Assessed	Sampling Method	Fish Present	Rainbow/ Steelhead	Cutthroat	Bull	Brook	Brook/Bull Hybrids	Whitefish	Sculpin
350	Unnamed Trib. To Hole-In-Rock Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
351	Hole-In-Rock Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
352	Unnamed Trib. To Hole-In-Rock Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
353	Hole-In-Rock Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
354	Unnamed Trib. To Salmon River	1/6/2004	-	N	N	N	N	N	N	N	N
355	Unnamed Trib. To Salmon River	1/6/2004	-	N	N	N	N	N	N	N	N
356	Unnamed Trib. To Salmon River	1/6/2004	-	N	N	N	N	N	N	N	N
357	Camp Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
358	Unnamed Trib. To Camp Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
359	Unnamed Trib. To Camp Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
360	Unnamed Trib. To Camp Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
361	Leaton Gulch	1/6/2004	-	N	N	N	N	N	N	N	N
362	Unnamed Trib. To Pennal Gulch	1/6/2004	-	N	N	N	N	N	N	N	N
363	Unnamed Trib. To Pennal Gulch	1/6/2004	-	N	N	N	N	N	N	N	N
364	Pennal Gulch	1/6/2004	-	N	N	N	N	N	N	N	N
365	Dry Gulch	1/6/2004	-	N	N	N	N	N	N	N	N
366	Gerry Gulch	1/6/2004	-	N	N	N	N	N	N	N	N
367	Unnamed Trib. To Gerry Gulch	1/6/2004	-	N	N	N	N	N	N	N	N
368	Shep Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
369	Dry Gulch	1/6/2004	-	N	N	N	N	N	N	N	N
370	Dry Gulch	1/6/2004	-	N	N	N	N	N	N	N	N
371	Unnamed Trib. To Dry Gulch	1/6/2004	-	N	N	N	N	N	N	N	N
372	Unnamed Trib. To Allison Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
373	Black Canyon	1/6/2004	-	N	N	N	N	N	N	N	N
374	Black Canyon	1/6/2004	-	N	N	N	N	N	N	N	N
375	Unnamed Trib. To Cow Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
376	Ennis Gulch	1/6/2004	-	N	N	N	N	N	N	N	N
377	Unnamed Trib. To Ennis Gulch	1/6/2004	-	N	N	N	N	N	N	N	N
378	Unnamed Trib. To Morgan Cr. (Pahsimeroi)	1/6/2004	-	N	N	N	N	N	N	N	N

Table 2 (continued). Species occurrence in all sites assessed between 2001-2004 on the Challis Ranger District, Salmon-Challis National Forest.

Site Code	Stream Name	Date Assessed	Sampling Method	Fish Present	Rainbow/ Steelhead	Cutthroat	Bull	Brook	Brook/Bull Hybrids	Whitefish	Sculpin
379	Unnamed Trib. To Cow Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
380	Unnamed Trib. To Cow Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
381	Unnamed Trib. To E.F. Morgan Cr. (Pahsimeroi)	1/6/2004	-	N	N	N	N	N	N	N	N
382	Tater Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
383	Tater Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
384	Unnamed Trib. To Tater Cr.	1/6/2004	-	N	N	N	N	N	N	N	N
385	Unnamed Trib. To Morse Cr.	1/9/2004	-	N	N	N	N	N	N	N	N
386	Unnamed Trib. To Morse Cr.	1/9/2004	-	N	N	N	N	N	N	N	N
387	Unnamed Trib. To Morse Cr.	1/9/2004	-	N	N	N	N	N	N	N	N
388	Cold Cr.	1/9/2004	-	N	N	N	N	N	N	N	N
389	Unnamed Trib. To Cold Cr.	1/9/2004	-	N	N	N	N	N	N	N	N
390	Unnamed Trib. To Cold Cr.	1/9/2004	-	N	N	N	N	N	N	N	N
391	Unnamed Trib. To Mainstem Pahsimeroi	1/9/2004	-	N	N	N	N	N	N	N	N
392	Unnamed Trib. To Mainstem Pahsimeroi	1/9/2004	-	N	N	N	N	N	N	N	N
393	Unnamed Trib. To Falls Cr.	1/9/2004	-	N	N	N	N	N	N	N	N
394	Unnamed Trib. To Falls Cr.	1/9/2004	-	N	N	N	N	N	N	N	N
395	Unnamed Trib. To Falls Cr.	1/9/2004	-	N	N	N	N	N	N	N	N
396	Unnamed Trib. To Falls Cr.	1/9/2004	-	N	N	N	N	N	N	N	N
397	Unnamed Trib. To Falls Cr.	1/9/2004	-	N	N	N	N	N	N	N	N
398	Unnamed Trib. To Patterson Cr.	1/9/2004	-	N	N	N	N	N	N	N	N
399	Unnamed Trib. To Patterson Cr.	1/9/2004	-	N	N	N	N	N	N	N	N
400	Inyo Cr.	1/9/2004	-	N	N	N	N	N	N	N	N
401	Unnamed Trib. To Inyo Cr.	1/9/2004	-	N	N	N	N	N	N	N	N
402	Unnamed Trib. To North Fork of Big Cr.	1/9/2004	-	N	N	N	N	N	N	N	N
403	Unnamed Trib. To North Fork of Big Cr.	1/9/2004	-	N	N	N	N	N	N	N	N
404	Unnamed Trib. To North Fork of Big Cr.	1/9/2004	-	N	N	N	N	N	N	N	N
405	Unnamed Trib. To North Fork of Big Cr.	1/9/2004	-	N	N	N	N	N	N	N	N
406	Unnamed Trib. To North Fork of Big Cr.	1/9/2004	-	N	N	N	N	N	N	N	N
407	Unnamed Trib. To North Fork of Big Cr.	1/9/2004	-	N	N	N	N	N	N	N	N

Table 2 (continued). Species occurrence in all sites assessed between 2001-2004 on the Challis Ranger District, Salmon-Challis National Forest.

Site Code	Stream Name	Date Assessed	Sampling Method	Fish Present	Rainbow/ Steelhead	Cutthroat	Bull	Brook	Brook/Bull Hybrids	Whitefish	Sculpin
408	Unnamed Trib. To South Fork Big Cr.	1/9/2004	-	N	N	N	N	N	N	N	N
409	Unnamed Trib. To South Fork Big Cr.	1/9/2004	-	N	N	N	N	N	N	N	N
410	Unnamed Trib. To South Fork Big Cr.	1/9/2004	-	N	N	N	N	N	N	N	N
411	Unnamed Trib. To South Fork Big Cr.	1/9/2004	-	N	N	N	N	N	N	N	N
412	Unnamed Trib. To South Fork Big Cr.	1/9/2004	-	N	N	N	N	N	N	N	N
413	Unnamed Trib. To South Fork Big Cr.	1/9/2004	-	N	N	N	N	N	N	N	N
414	Unnamed Trib. To South Fork Big Cr.	1/9/2004	-	N	N	N	N	N	N	N	N
415	Unnamed Trib. To South Fork Big Cr.	1/9/2004	-	N	N	N	N	N	N	N	N
416	Unnamed Trib. To South Fork Big Cr.	1/9/2004	-	N	N	N	N	N	N	N	N
417	Unnamed Trib. To Big Gulch Cr.	1/9/2004	-	N	N	N	N	N	N	N	N
418	Unnamed Trib. To Big Gulch Cr.	1/9/2004	-	N	N	N	N	N	N	N	N
419	Big Gulch Cr.	1/9/2004	-	N	N	N	N	N	N	N	N
420	Unnamed Trib. To Big Gulch Cr.	1/9/2004	-	N	N	N	N	N	N	N	N
421	Unnamed Trib. To Big Gulch Cr.	1/9/2004	-	N	N	N	N	N	N	N	N
422	Unnamed Trib. To Big Gulch Cr.	1/9/2004	-	N	N	N	N	N	N	N	N
423	Snowslide Cr.	1/9/2004	-	N	N	N	N	N	N	N	N
424	Unnamed Trib. To Big Gulch Cr.	1/9/2004	-	N	N	N	N	N	N	N	N
425	Unnamed Trib. To Big Gulch Cr.	1/9/2004	-	N	N	N	N	N	N	N	N
426	Hillside Cr.	1/9/2004	-	N	N	N	N	N	N	N	N
427	Bear Cr.	1/9/2004	-	N	N	N	N	N	N	N	N
428	Ditch Cr.	1/9/2004	-	N	N	N	N	N	N	N	N
429	Unnamed Trib. To Ditch Cr.	1/9/2004	-	N	N	N	N	N	N	N	N
430	Unnamed Trib. To Ditch Cr.	1/9/2004	-	N	N	N	N	N	N	N	N
431	Ditch Cr.	1/9/2004	-	N	N	N	N	N	N	N	N
432	Unnamed Trib. To Big Cr.	1/9/2004	-	N	N	N	N	N	N	N	N
433	Mill Cr.	1/9/2004	-	N	N	N	N	N	N	N	N
434	Mahogany Cr.	1/9/2004	-	N	N	N	N	N	N	N	N
435	Unnamed Trib. To Mahogany Cr.	1/9/2004	-	N	N	N	N	N	N	N	N
436	Unnamed Trib. To Mahogany Cr.	1/9/2004	-	N	N	N	N	N	N	N	N

Table 2 (continued). Species occurrence in all sites assessed between 2001-2004 on the Challis Ranger District, Salmon-Challis National Forest.

Site Code	Stream Name	Date Assessed	Sampling Method	Fish Present	Rainbow/ Steelhead	Cutthroat	Bull	Brook	Brook/Bull Hybrids	Whitefish	Sculpin
437	Mahogany Cr.	1/9/2004	-	N	N	N	N	N	N	N	N
438	Cherry Cr.	1/9/2004	-	N	N	N	N	N	N	N	N
439	Unnamed Trib. To Cherry Cr.	1/9/2004	-	N	N	N	N	N	N	N	N
440	Unnamed Trib. To Ellis Cr.	1/9/2004	-	N	N	N	N	N	N	N	N
441	Unnamed Trib. To Ellis Cr.	1/9/2004	-	N	N	N	N	N	N	N	N
442	Unnamed Trib. To Ellis Cr.	1/9/2004	-	N	N	N	N	N	N	N	N
443	Unnamed Trib. To Ellis Cr.	1/9/2004	-	N	N	N	N	N	N	N	N
444	Unnamed Trib. To Ellis Cr.	1/9/2004	-	N	N	N	N	N	N	N	N
445	DeWitt Cr.	1/9/2004	-	N	N	N	N	N	N	N	N
446	Unnamed Trib. To Morgan Cr.	1/9/2004	-	N	N	N	N	N	N	N	N
447	Unnamed Trib. To Corral Cr.	1/9/2004	-	N	N	N	N	N	N	N	N
448	Unnamed Trib. To Mill Cr.	1/9/2004	-	N	N	N	N	N	N	N	N
449	Unnamed Trib. To Mill Cr.	1/9/2004	-	N	N	N	N	N	N	N	N
450	Big Hill Gulch	1/9/2004	-	N	N	N	N	N	N	N	N
451	Big Hill Gulch	1/9/2004	-	N	N	N	N	N	N	N	N
452	Big Hill Gulch	1/9/2004	-	N	N	N	N	N	N	N	N
453	Jeffs Cr.	1/9/2004	-	N	N	N	N	N	N	N	N
454	Jeffs Cr.	1/9/2004	-	N	N	N	N	N	N	N	N
455	Unnamed Trib. To Jeffs Cr.	1/9/2004	-	N	N	N	N	N	N	N	N
456	Unnamed Trib. To Jeffs Cr.	1/9/2004	-	N	N	N	N	N	N	N	N
457	Unnamed Trib. To Jeffs Cr.	1/9/2004	-	N	N	N	N	N	N	N	N
458	Unnamed Trib. To Jeffs Cr.	1/9/2004	-	N	N	N	N	N	N	N	N
459	Pats Cr.	1/9/2004	-	N	N	N	N	N	N	N	N
460	Lodgepole Creek	1/9/2004	-	N	N	N	N	N	N	N	N
461	Unnamed Trib. To Challis Cr.	1/9/2004	-	N	N	N	N	N	N	N	N
462	Unnamed Trib. To Challis Cr.	1/9/2004	-	N	N	N	N	N	N	N	N
463	Unnamed Tributary to Pork Creek	1/15/2004	-	N	N	N	N	N	N	N	N
464	Pork Creek	1/15/2004	-	N	N	N	N	N	N	N	N
465	Unnamed Tributary to Stephens Gulch	1/15/2004	-	N	N	N	N	N	N	N	N

Table 2 (continued). Species occurrence in all sites assessed between 2001-2004 on the Challis Ranger District, Salmon-Challis National Forest.

Site Code	Stream Name	Date Assessed	Sampling Method	Fish Present	Rainbow/ Steelhead	Cutthroat	Bull	Brook	Brook/Bull Hybrids	Whitefish	Sculpin
466	Unnamed Tributary to Sawmill Creek	1/15/2004	-	N	N	N	N	N	N	N	N
467	Sawmill Creek	1/15/2004	-	N	N	N	N	N	N	N	N
468	Unnamed Tributary to Corral Creek	1/15/2004	-	N	N	N	N	N	N	N	N
469	Unnamed Tributary to Sawmill Creek	1/15/2004	-	N	N	N	N	N	N	N	N
470	Pig Creek	1/15/2004	-	N	N	N	N	N	N	N	N
471	Unnamed Tributary to Pig Creek	1/15/2004	-	N	N	N	N	N	N	N	N
472	Unnamed Tributary to Block Creek	1/15/2004	-	N	N	N	N	N	N	N	N
473	Unnamed Tributary to Pats Creek	1/15/2004	-	N	N	N	N	N	N	N	N
474	Unnamed Tributary to Darling Creek	1/15/2004	-	N	N	N	N	N	N	N	N
475	Unnamed Tributary to Darling Creek	1/15/2004	-	N	N	N	N	N	N	N	N

Table 3. Species densities in all sites assessed between 2001-2004 on the Challis Ranger District, Salmon-Challis National Forest.

						Fish Density (Fish/100 m^2)						
Site Code	Stream Name	Date Assessed	Sampling Method	Number of Passes	Fish Present	Rainbow/ Steelhead	Cutthroat	Bull	Brook	Brook/Bull Hybrids	Whitefish	Total Fish Density
1	West Fork Morgan Creek	7/16/2001	E-fish	2	Y	0.7	19.6	1.0	-	-	-	21.3
12	Morgan Creek	7/17/2001	E-fish	2	Y	11.5	-	0.2	-	-	0.2	11.9
13	Morgan Creek	7/19/2001	E-fish	2	Y	14.4	0.4	0.1	-	-	-	14.9
16	Morgan Creek	7/19/2001	E-fish	2	Y	6.3	0.8	-	-	-	-	7.1
20	Eddy Creek	7/31/2001	E-fish	2	Y	-	48.7	-	-	-	-	48.7
23	Eddy Creek	7/31/2001	E-fish	2	Y	-	51.8	-	-	-	-	51.8
34	Mill Creek	7/26/2001	E-fish	2	Y	-	2.8	13.9	-	-	-	16.7
35	Challis Creek	7/25/2001	E-fish	2	Y	-	1.8	3.5	1.5	0.3	-	7.1
42	Grouse Creek	7/10/2001	E-Fish	2	Y	5.0	-	-	-	-	-	5.0
51	Middle Fork Lawson Creek	7/11/2001	E-Fish	2	Y	33.8	-	-	-	-	-	33.8
55	East Fork Pahsimeroi River	7/6/2001	E-Fish	2	Y	-	-	1.7	-	-	-	1.7
56	East Fork Pahsimeroi River	7/6/2001	E-Fish	3	Y	-	-	5.1	-	-	-	5.1
57	West Fork Pahsimeroi River	7/5/2001	E-Fish	2	Y	-	-	3.5	-	-	-	3.5
58	Mahogany Creek	7/5/2001	E-Fish	2	Y	-	-	5.2	-	-	-	5.2
89	Challis Creek	9/11/2002	E-fish	2	Y	8.2	6.7	-	0.5	-	-	15.4
93	Challis Creek	7/3/2002	E-fish	4	Y	1.5	7.3	0.2	2.9	-	-	11.9
106	Challis Creek	9/11/2002	E-fish	3	Y	21.4	3.6	1.3	-	-	-	26.3
107	Mill Creek	7/10/2002	E-fish	3	Y	-	8.8	0.3	-	-	-	9.1
110	Mill Creek	7/10/2002	E-fish	3	Y	-	2.2	12.6	-	-	-	14.8
125	Garden Creek	7/11/2002	E-fish	4	Y	-	-	11.9	-	-	-	11.9
130	Garden Creek	7/11/2002	E-fish	2	Y	-	8.0	1.2	-	-	-	9.2
151	Morse Creek	7/16/2002	E-Fish	2	Y	-	-	13.1	-	-	-	13.1
154	Falls Creek	0/0/2002	Snorkel	1	Y	-	-	3.9	-	-	-	3.9
160	Patterson Creek	8/3/2002	Snorkel	1	Y	-	-	7.6	-	-	-	7.6
161	Patterson Creek	8/5/2002	Snorkel	1	Y	-	-	22.0	-	-	-	22.0
175	Big Creek	7/24/2002	E-Fish	2	Y	0.2	2.4	1.5	-	-	-	4.1
176	North Fork Big Creek	7/24/2002	E-Fish	2	Y	-	1.9	1.9	-	-	-	3.8
177	South Fork Big Creek	7/23/2002	E-Fish	2	Y	-	3.9	0.4	-	-	-	4.3
182	North Fork Big Creek	8/2/2002	E-Fish	2	Y	-	5.0	9.1	-	-	-	14.1
184	North Fork Big Creek	8/2/2002	E-Fish	2	Y	-	-	26.1	-	-	-	26.1
187	South Fork Big Creek	7/30/2002	Snorkel	1	Y	-	3.9	2.2	-	-	-	6.1
188	Unnamed Tributary to South Fork Big Creek	7/30/2002	Snorkel	1	Y	-	0.7	7.4	-	-	-	8.1

Table 3 (continued). Species densities in all sites assessed between 2001-2004 on the Challis Ranger District, Salmon-Challis National Forest.

						Fish Density (Fish/100 m^2)						
Site Code	Stream Name	Date Assessed	Sampling Method	Number of Passes	Fish Present	Rainbow/ Steelhead	Cutthroat	Bull	Brook	Brook/Bull Hybrids	Whitefish	Total Fish Density
189	South Fork Big Creek	7/30/2002	Snorkel	1	Y	-	7.5	3.1	-	-	-	10.6
190	South Fork Big Creek	7/29/2002	Snorkel	1	Y	-	5.3	2.7	-	-	-	8.0
221	Cold Creek	6/23/2003	Snorkel	1	Y	-	1.9	5.6	-	-	-	7.5

APPENDIX C - DATA

Please note that the UTM coordinates for some sites were modified during analysis to improve accuracy. The modified UTM coordinates are shown in this document including Appendix C. However, the latitudes and longitudes shown in Appendix C were not modified to reflect these changes. Therefore, there may be minor differences between the UTM and the latitude and longitude coordinates shown in the data below.

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Site Code	**1**
Tracking Code	2001-N1
Ranger District	Challis
Watershed	Upper Salmon
Stream	West Fork Morgan above FS Boundary #1
Site Description	Take road 057 to FS Boundary. Walk to creek and begin survey there.
UTM (Zone 11)	714319, 4952034
Legal (Township)	16N
Legal (Range)	18E
Legal (Section)	26
Latitude	44.6916
Longitude	114.2953
Method for Lat/Long	GPS
Date Assessment	7/16/2001
Time	16:35
Observers	J. Pyron, J. Hollist, C. Wakefield
Length	100
Width 1	4
Width 2	2.5
Width 3	3
Width 4	2.2
Width 5	2.6
Air Temperature	19
Water Temperature	15
pH	8.74
Conductivity	130
Sampling Method	Electrofishing
Species 1	**Rainbow Trout**
Species 2	**Bull Trout**
Species 3	
Species 4	
Species 5	**Ct X Rb**
Nongame Fish Present	**Sculpin**
Comments	Tadpoles were present

Pass #1

Rainbow Trout	Bull Trout	Ct X Rb
108	124	195
92	121	164
		144
		143
		141
		133
		130
		124
		108
		103
		99
		96
		95
		93
		92
		90
		90
		87
		87
		86
		84
		84
		84
		83
		83
		82
		81
		79
		78
		74

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Pass #2

Rainbow Trout	Bull Trout	Ct X Rb
	107	161
		156
		126
		112
		109
		101
		95
		94
		92
		86
		86
		78
		77
		73
		71
		59

Site Code	**2**
Tracking Code	2001-N2
Ranger District	Challis
Watershed	Upper Salmon
Stream	Little West Creek Morgan #2
Site Description	Site begins approximately? Miles below where road crosses culvert for the first time.
UTM (Zone 11)	711985, 4952357
Legal (Township)	18N
Legal (Range)	16E
Legal (Section)	27
Latitude	44.6952
Longitude	114.3246
Method for Lat/Long	GPS
Date Assessment	7/17/2001
Time	8:30
Observers	J. Pyron, J. Hollist, C. Wakefield
Length	50
Width 1	2.4
Width 2	3
Width 3	1.8
Width 4	2
Air Temperature	12
Water Temperature	6
pH	8.7
Conductivity	120
Sampling Method	Electrofishing
Species 1	
Species 2	
Species 3	
Species 4	**Cutthroat Trout**
Species 5	
Nongame Fish Present	None
Comments	Columbia spotted frog and western toad seen. The first five fish could possibly be Ct X Rb.

Pass #1

Cutthroat Trout
127
119
115
108
66
64
56

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Site Code	**3**
Tracking Code	2001-N3
Ranger District	Challis
Watershed	Upper Salmon
Stream	West Fork Morgan 500m above Blowfly #3
Site Description	Take road 057 to trailhead, walk trail approximately 500m. Site begins there.
UTM (Zone 11)	711320, 49539927
Legal (Township)	16N
Legal (Range)	18E
Legal (Section)	16
Latitude	44.7101
Longitude	114.3323
Method for Lat/Long	GPS
Date Assessment	7/17/2001
Time	11:00
Observers	J. Pyron, J. Hollist, C. Wakefield
Length	100
Width 1	2.2
Width 2	2.3
Width 3	2.9
Width 4	2.7
Air Temperature	12
Water Temperature	7
pH	8.34
Conductivity	110
Sampling Method	Electrofishing
Species 1	
Species 2	**Bull Trout**
Species 3	
Species 4	**Cutthroat Trout**
Species 5	
Nongame Fish Present	**Sculpin**
Comments	Tadpoles present. Average depth = .12m. YOY 29.

Pass #1

Bull Trout	Cutthroat Trout
94	203
	190
	177
	177
	166
	132
	111
	104
	103
	96
	84
	71
	66
	65
	65
	64
	63
	58

Site Code	**4**
Tracking Code	2001-N4
Ranger District	Challis
Watershed	Upper salmon
Stream	Blowfly up in canyon 1 mile #4
Site Description	Take road 178 a mile up canyon. Survey point begins there.
UTM (Zone 11)	711765, 4955408
Legal (Township)	16N
Legal (Range)	18E
Legal (Section)	15
Latitude	44.7227
Longitude	114.3261

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Method for Lat/Long	GPS
Date Assessment	7/17/2001
Time	9:50
Observers	J. Pyron, J. Hollist, C. Wakefield
Length	50
Width 1	2.2
Width 2	2
Width 3	1.3
Width 4	1.4
Air Temperature	12
Water Temperature	6
pH	8.33
Conductivity	100
Sampling Method	Electrofishing
Species 1	
Species 2	
Species 3	
Species 4	**Cutthroat Trout**
Species 5	
Nongame Fish Present	None
Comments	Tadpoles and western toad (Juvenile) observed. Average depth = .05m

Pass #1

Cutthroat Trout

121
106
100
95
94
93
74
66

Site Code	**5**
Tracking Code	2001-N5
Ranger District	Challis
Watershed	Upper Salmon
Stream	Bear Creek #5
Site Description	Site location begins at forest boundary
UTM (Zone 11)	713724, 4955047
Legal (Township)	16N
Legal (Range)	18E
Legal (Section)	14
Latitude	44.7171
Longitude	114.3016
Method for Lat/Long	Geographical Locater
Date Assessment	7/18/2001
Time	1430
Observers	D. Webster
Length	-
Air Temperature	-
Water Temperature	-
pH	-
Conductivity	-
Sampling Method	Visual
Species 1	
Species 2	
Species 3	
Species 4	
Species 5	
Nongame Fish Present	None
Comments	No suitable fish habitat. No GPS available

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Site Code	**6**
Tracking Code	2001-N7
Ranger District	Challis
Watershed	Upper Salmon
Stream	Lick Creek approximately 1/2-1 mile above FS Boundary #7
Site Description	Take road 058 approximately 1/2-1 mile above FS Boundary
UTM (Zone 11)	715370, 4955966
Legal (Township)	16N
Legal (Range)	18E
Legal (Section)	12
Latitude	44.7603
Longitude	114.2804
Method for Lat/Long	GPS
Date Assessment	7/17/2001
Time	16:05
Observers	J. Pyron, J. Hollist, C. Wakefield
Length	50
Width 1	2
Width 2	2.1
Width 3	1.9
Width 4	2.8
Air Temperature	16
Water Temperature	11
pH	8.37
Conductivity	130
Sampling Method	Electrofishing
Species 1	**Rainbow Trout**
Species 2	**Bull Trout**
Species 3	
Species 4	
Species 5	**Ct X Rb**
Nongame Fish Present	**Sculpin**
Comments	(YOY 29 ?) and (YOY 26 ?)

Pass #1

Rainbow Trout	Bull Trout	Ct X Rb
177	102	133
170		106
151		89
131		84
131		67
89		
81		
81		
80		
76		
71		

Site Code	**7**
Tracking Code	2001-N8
Ranger District	Challis
Watershed	Upper Salmon
Stream	Lick Creek near end of road #8
Site Description	Take road 058 until the road ends
UTM (Zone 11)	711833, 4958884
Legal (Township)	17N
Legal (Range)	18E
Legal (Section)	34
Latitude	44.7603
Longitude	114.3219
Method for Lat/Long	Geographical Locater
Date Assessment	7/17/2001
Time	15:00
Observers	J. Pyron, J. Hollist, C. Wakefield
Length	50
Width 1	1.9
Width 2	1.7

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Width 3	2.7
Width 4	1.9
Air Temperature	19
Water Temperature	7
pH	8.63
Conductivity	90
Sampling Method	Electrofishing
Species 1	
Species 2	**Bull Trout**
Species 3	
Species 4	**Cutthroat Trout**
Species 5	**Ct X Rb**
Nongame Fish Present	None
Comments	GPS didn't work, but we were positive of location. YOY present 27 (Bull).

Pass #1

Bull Trout	Cutthroat Trout	Ct X Rb
119	98	117
101		115
84		96
83		
83		
81		
81		
78		
77		
76		
76		
74		
74		
72		
70		
66		
64		

Site Code	**8**
Tracking Code	2001-N9
Ranger District	Challis
Watershed	Upper Salmon
Stream	Trail Creek
Site Description	Approx. 500 m above Morgan #9. Park at gate take trail apx. 500 m above Morgan.
UTM (Zone 11)	716123, 4957399
Legal (Township)	16N
Legal (Range)	19E
Legal (Section)	6
Latitude	44.7393
Longitude	114.2703
Method for Lat/Long	GPS
Date Assessment	7/18/2001
Time	13:05
Observers	J. Pyron, C. Wakefield, J. Hollist
Length	50
Width 1	1.8
Width 2	2.6
Width 3	1.95
Width 4	2.2
Air Temperature	22
Water Temperature	11
pH	8.29
Conductivity	100
Sampling Method	Electrofishing
Species 1	**Rainbow Trout**
Species 2	
Species 3	
Species 4	
Species 5	**CT x RB**
Nongame Fish Present	**Sculpin**
Comments	File Name R071819A

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Pass #1

Rainbow Trout	CT x RB
110	117
55	

Site Code	**9**
Tracking Code	2001-N10
Ranger District	Challis
Watershed	Upper Salmon
Stream	Trail Creek
Site Description	Hike canyon apx. 2 miles where conifers reach stream
UTM (Zone 11)	714999, 4958295
Legal (Township)	16N
Legal (Range)	18E
Legal (Section)	1
Latitude	44.7477
Longitude	114.2841
Method for Lat/Long	GPS
Date Assessment	7/18/2001
Time	14:00
Observers	J. Pyron, C. Wakefield, J. Hollist
Length	50
Width 1	2.2
Width 2	1.3
Width 3	2.3
Width 4	2.6
Air Temperature	16
Water Temperature	8
pH	8.4
Conductivity	90
Sampling Method	Electrofishing
Species 1	
Species 2	
Species 3	
Species 4	**Cutthroat Trout**
Species 5	**CT x RB**
Nongame Fish Present	**Sculpin**
Comments	File Name R071819B

Pass #1

Cutthroat Trout	CT x RB
131	104
114	81
112	67
110	67
98	
95	
85	
83	
75	
68	
59	

Site Code	**10**
Tracking Code	2001-N11
Ranger District	Challis
Watershed	Upper Salmon
Stream	Van Horn above lower private land #11
Site Description	Site begins directly above diversion
UTM (Zone 11)	716643, 4959607
Legal (Township)	17N
Legal (Range)	19E
Legal (Section)	31
Latitude	44.759
Longitude	114.2628

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Method for Lat/Long	GPS
Date Assessment	7/19/2001
Time	15:30
Observers	J. Pyron, J. Hollist, C. Wakefield
Length	50
Width 1	2.7
Width 2	2.1
Width 3	2.1
Width 4	2.9
Air Temperature	24
Water Temperature	15
pH	7.96
Conductivity	100
Sampling Method	Electrofishing
Species 1	**Rainbow Trout**
Species 2	
Species 3	
Species 4	
Species 5	**Ct X Rb**
Nongame Fish Present	None
Comments	

Pass #1

Rainbow Trout	Ct X Rb
149	118
134	
90	
83	

Site Code	**11**
Tracking Code	2001-N12
Ranger District	Challis
Watershed	Upper Salmon
Stream	Van Horn above second piece of private #12
Site Description	Take road 061 above second piece of private property.
UTM (Zone 11)	714870, 4961683
Legal (Township)	17N
Legal (Range)	18E
Legal (Section)	25
Latitude	44.7782
Longitude	114.2843
Method for Lat/Long	GPS
Date Assessment	7/18/2001
Time	8:30
Observers	J. Pyron, J. Hollist, C. Wakefield
Length	50
Width 1	4.4
Width 2	4.5
Width 3	3.5
Width 4	2.7
Air Temperature	16
Water Temperature	4
pH	8.75
Conductivity	90
Sampling Method	Electrofishing
Species 1	
Species 2	**Bull Trout**
Species 3	
Species 4	**Cutthroat Trout**
Species 5	**Ct X Rb**
Nongame Fish Present	None
Comments	

Pass #1

Bull Trout	Cutthroat Trout	Ct X Rb
159	203	143
142	83	118

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

112	114
104	113
104	97

Site Code	**12**
Tracking Code	2001-N13
Ranger District	Challis
Watershed	Upper Salmon
Stream	Morgan Creek above FS boundary #13
Site Description	Take road 055 to FS boundary. Site begins where Millick Gulch creek channel enters Morgan Creek
UTM (Zone 11)	716302, 4954212
Legal (Township)	16N
Legal (Range)	19E
Legal (Section)	18
Latitude	44.7116
Longitude	114.2707
Method for Lat/Long	GPS
Date Assessment	7/17/2001
Time	13:15
Observers	J. Pyron, J. Hollist, C. Wakefield
Length	100
Width 1	9.9
Width 2	3.1
Width 3	6.3
Width 4	4.6
Air Temperature	18
Water Temperature	13
pH	8.58
Conductivity	140
Sampling Method	Electrofishing
Species 1	**Rainbow Trout**
Species 2	**Bull Trout**
Species 3	
Species 4	
Species 5	**Whitefish**
Nongame Fish Present	**Sculpin**
Comments	Sculpin (20 kept for sample)

Pass #1

Rainbow Trout	Bull Trout	Whitefish
200	193	
200		
197		
194		
185		
183		
177		
176		
172		
171		
169		
167		
159		
147		
143		
139		
134		
133		
129		
126		
123		
122		
121		
121		
120		
115		
112		

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

111
110
108
104
101
98
96
94
93
91
91
75

Pass #2

Rainbow Trout	Bull Trout	Whitefish
168		68
167		
160		
149		
145		
135		
124		
124		
122		
122		
112		
107		
102		
101		
100		
100		
92		
87		

Site Code	**13**
Tracking Code	2001-N14
Ranger District	Challis
Watershed	Upper Salmon
Stream	Morgan Creek #14 (between Van Horn and Trail Creek)
Site Description	Site begins 159m below private property fence.
UTM (Zone 11)	716840, 4958055
Legal (Township)	16N
Legal (Range)	19E
Legal (Section)	6
Latitude	44.7464
Longitude	114.2611
Method for Lat/Long	GPS
Date Assessment	7/19/2001
Time	13:40
Observers	J. Pyron, J. Hollist, C. Wakefield
Length	159
Width 1	5.5
Width 2	4.6
Width 3	3.7
Width 4	4.6
Air Temperature	26
Water Temperature	15
pH	8.29
Conductivity	120
Sampling Method	Electrofishing
Species 1	**Rainbow Trout**
Species 2	**Bull Trout**
Species 3	
Species 4	**Cutthroat Trout**
Species 5	**Ct X Rb**
Nongame Fish Present	**Sculpin**
Comments	

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Pass #1

Rainbow Trout	Bull Trout	Cutthroat Trout	Ct X Rb
232	202	120	128
216			
211			
198			
196			
188			
188			
178			
159			
156			
154			
153			
153			
152			
150			
149			
146			
145			
142			
136			
136			
134			
133			
133			
132			
131			
131			
130			
128			
126			
125			
124			
122			
122			
118			
116			
115			
108			
108			
108			
106			
105			
104			
103			
102			
101			
100			
96			
95			
95			
95			
93			
91			
91			
89			
88			
87			
84			
83			
82			
79			
78			
75			
68			

Pass #2

Rainbow Trout	Bull Trout	Cutthroat Trout	Ct X Rb
203		155	

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

157
150
142
134
134
119
116
115
112
103
102
101
100
99
97
92
92
89
85
85
85
84
79
78
73

Site Code	**14**
Tracking Code	2001-N16
Ranger District	Challis
Watershed	Upper Salmon
Stream	Dewitt Creek #16
Site Description	Above private land. Hike up and around Private Fence, follow fence line to stream.
UTM (Zone 11)	717282, 4961643
Legal (Township)	17N
Legal (Range)	19E
Legal (Section)	30
Latitude	44.7747
Longitude	114.261
Method for Lat/Long	Graphical Locater
Date Assessment	7/19/2001
Time	8:30
Observers	J. Hollist
Length	50
Width 1	0.5
Width 2	0.4
Width 3	0.35
Width 4	0.2
Air Temperature	-
Water Temperature	-
pH	-
Conductivity	-
Sampling Method	Visual
Species 1	
Species 2	
Species 3	
Species 4	
Species 5	
Nongame Fish Present	None
Comments	Old wood diversion not in use, however a damn is in place of wood diversion. Diversion ditch 0.7 average width and .11 average depth. No fish habitat.

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Site Code	**15**
Tracking Code	2001-N17
Ranger District	Challis
Watershed	Upper Salmon
Stream	Annie Roonie Creek #17
Site Description	Just above Private Property fence
UTM (Zone 11)	716442, 4963704
Legal (Township)	17N
Legal (Range)	19E
Legal (Section)	19
Latitude	44.7959
Longitude	114.2636
Method for Lat/Long	GPS
Date Assessment	7/19/2001
Time	9:00
Observers	J. Pyron, C. Wakefield
Length	visually checked 200m out of 400m walked
Width 1	0.45
Width 2	0.35
Width 3	0.49
Width 4	0.4
Air Temperature	12
Water Temperature	6
pH	8.61
Conductivity	370
Sampling Method	Visual
Species 1	
Species 2	
Species 3	
Species 4	
Species 5	
Nongame Fish Present	None
Comments	Average depth = .03m. Small stream with consistent flow but very little suitable habitat founded. Zero fish seen.

Site Code	**16**
Tracking Code	2001-N18
Ranger District	Challis
Watershed	Upper Salmon
Stream	Morgan above Corral Creek #18
Site Description	Site begins approximately 150m below where Annie Roonie Creek Road crosses mainstream.
UTM (Zone 11)	717509, 4963062
Legal (Township)	17N
Legal (Range)	19E
Legal (Section)	20
Latitude	44.7898
Longitude	114.2504
Method for Lat/Long	GPS
Date Assessment	7/19/2001
Time	16:30
Observers	J. Pyron, J. Hollist, C. Wakefield
Length	100
Width 1	1.9
Width 2	2.9
Width 3	2.3
Width 4	3.1
Air Temperature	25
Water Temperature	14
pH	8.18
Conductivity	100
Sampling Method	Electrofishing
Species 1	Rainbow Trout
Species 2	
Species 3	
Species 4	
Species 5	Ct X Rb
Nongame Fish Present	None
Comments	Average depth = .08m

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Pass #1

Rainbow Trout	Ct X Rb
128	119
126	118
117	
110	
106	
95	
93	
92	
91	
82	
81	
80	
78	
77	
74	

Pass #2

Rainbow Trout	Ct X Rb
189	

Site Code	**17**
Tracking Code	2001-N19
Ranger District	Challis
Watershed	Upper Salmon
Stream	Alder #19
Site Description	Take road to the top of private boundary.
UTM (Zone 11)	716408, 4964693
Legal (Township)	17N
Legal (Range)	19E
Legal (Section)	18
Latitude	44.8048
Longitude	114.2636
Method for Lat/Long	GPS
Date Assessment	7/19/2001
Time	10:30
Observers	J. Pyron, J. Hollist, C. Wakefield
Length	50
Width 1	4.5
Width 2	1.4
Width 3	2.6
Width 4	3
Air Temperature	18
Water Temperature	6
pH	8.8
Conductivity	80
Sampling Method	Visual
Species 1	
Species 2	
Species 3	
Species 4	**Cutthroat Trout**
Species 5	**Ct X Rb**
Nongame Fish Present	None
Comments	

Pass #1

Cutthroat Trout	Ct X Rb
149	170
60	155
56	136
55	135
50	132
	130
	129
	103

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

	98
	96
	91
	89
	81
	73
	66
	62
	61
	55

Site Code	**18**
Tracking Code	2001-N20
Ranger District	Challis
Watershed	Upper Salmon
Stream	Morgan Creek approximately 1m. Above Alder #20
Site Description	Take road 055 1mile above Alder
UTM (Zone 11)	716785, 4965973
Legal (Township)	17N
Legal (Range)	19E
Legal (Section)	7
Latitude	44.8162
Longitude	114.2583
Method for Lat/Long	GPS
Date Assessment	7/18/2001
Time	1630
Observers	J. Pyron, J. Hollist, C. Wakefield
Length	50
Width 1	1.4
Width 2	1.5
Width 3	1.2
Width 4	1.7
Air Temperature	18
Water Temperature	10
pH	8.66
Conductivity	70
Sampling Method	Electrofishing
Species 1	
Species 2	
Species 3	
Species 4	**Cutthroat Trout**
Species 5	**Ct X Rb**
Nongame Fish Present	**Sculpin**
Comments	Columbia spotted frog observed.

Pass #1

Cutthroat Trout	Ct X Rb
149	110
67	104
66	100
62	99
62	82
	72

Site Code	**19**
Tracking Code	2001-N21
Ranger District	Challis
Watershed	Upper Salmon
Stream	Eddy Creek
Site Description	Site located upstream from diversion where braided channels converge together at debris.
UTM (Zone 11)	713818, 4941776
Legal (Township)	15N
Legal (Range)	18E
Legal (Section)	26
Latitude	44.5995
Longitude	114.3059
Method for Lat/Long	GPS

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Date Assessment	7/26/01
Time	13:47
Observers	J. Pyron, C. Wakefield
Length	50
Width 1	2.4
Width 2	3.3
Width 3	3.6
Width 4	3
Air Temperature	25
Water Temperature	14
pH	8.34
Conductivity	50
Sampling Method	Electrofishing
Species 1	**Rainbow Trout**
Species 2	
Species 3	
Species 4	
Species 5	**Ct X Rb**
Nongame Fish Present	None
Comments	Average depth = .15m The hybrid species may be Redband Rainbow

Pass #1

Rainbow Trout	Ct X Rb
217	137
187	
173	
159	
149	
145	
139	
139	
135	
120	
117	
112	
109	
94	
93	
93	
89	
88	
88	
84	
84	
84	
84	
83	
82	
82	
82	
79	
79	
79	
77	
77	
76	
76	
75	
72	
72	
70	
69	

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Site Code	**20**
Tracking Code	2001-N22
Ranger District	Challis
Watershed	Upper Salmon
Stream	Eddy Creek
Site Description	Site population begins where trail crosses creek approximately 1 mile below Eddy Basin.
UTM (Zone 11)	709414, 4946513
Legal (Township)	15N
Legal (Range)	18E
Legal (Section)	8
Latitude	44.6434
Longitude	114.3594
Method for Lat/Long	GPS
Date Assessment	7/31/2001
Time	14:30
Observers	J. Pyron, J. Hollist, D. Webster, S. Mangan
Length	100
Width 1	2.6
Width 2	2.1
Width 3	1.8
Width 4	2.9
Width 5	2.4
Air Temperature	11
Water Temperature	7
pH	8.93
Conductivity	50
Sampling Method	Electrofishing
Species 1	
Species 2	
Species 3	
Species 4	**Cutthroat Trout**
Species 5	**Ct X Rb**
Nongame Fish Present	None
Comments	

Pass #1

Cutthroat Trout	Ct X Rb
206	169
195	159
191	159
186	150
186	149
174	148
174	148
174	147
171	147
171	140
166	129
166	126
165	126
165	125
163	125
158	123
158	123
153	121
152	121
151	115
150	111
149	109
148	107
146	106
145	105
145	102
143	102
142	101
142	94
139	91
138	89

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

138	84
135	81
134	80
128	79
124	77
124	75
122	74
122	74
121	74
120	74
120	72
119	71
115	71
114	67
112	66
109	65
108	61
108	
102	
96	

Pass #2

Cutthroat Trout	Ct X Rb
184	142
174	129
169	128
159	127
149	116
82	111
	108
	107
	107
	95
	72
	66

Site Code	**21**
Tracking Code	2001-N23
Ranger District	Challis
Watershed	Upper Salmon
Stream	"North Fork" of Eddy Creek
Site Description	500m above confluence with main stem.
UTM (Zone 11)	708717, 4948181
Legal (Township)	15N
Legal (Range)	18E
Legal (Section)	5
Latitude	44.6586
Longitude	114.3675
Method for Lat/Long	GPS
Date Assessment	7/30/2001
Time	17:00
Observers	J. Pyron, J. Hollist, D. Webster
Length	50
Width 1	0.8
Width 2	1.1
Width 3	1
Width 4	0.7
Width 5	1.4
Air Temperature	9
Water Temperature	8.5
pH	8.55
Conductivity	150
Sampling Method	Electrofishing
Species 1	
Species 2	
Species 3	
Species 4	**Cutthroat Trout**
Species 5	**Ct X Rb**
Nongame Fish Present	None
Comments	

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Pass #1

Cutthroat Trout	Ct X Rb
189	162
185	144
182	130
166	130
157	128
143	124
141	124
118	123
112	121
90	120
	118
	117
	114
	112
	110
	106
	104
	100
	99
	96
	96
	96
	93
	93
	92
	91
	90
	90
	88
	85
	83
	83
	77
	73
	72
	70
	67
	67
	66
	64
	60

Site Code	**22**
Tracking Code	2001-N24
Ranger District	Challis
Watershed	Upper Salmon
Stream	"North Fork" of Eddy Creek
Site Description	Approximately 1 mile above the confluence of the main fork and north fork. Last 50m of stream on the upper end of meadow. Site ends where trail crosses stream and begins 50m. Downstream.
UTM (Zone 11)	708717, 4949638
Legal (Township)	16N
Legal (Range)	18E
Legal (Section)	32
Latitude	44.6717
Longitude	114.3669
Method for Lat/Long	GPS
Date Assessment	7/31/2001
Time	17:40
Observers	J. Pyron, J. Hollist, D. Webster, S. Mangan
Length	50
Width 1	2
Width 2	3.6
Width 3	1.7
Width 4	0.7

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Width 5	0.5
Air Temperature	11.5
Water Temperature	7.5
pH	8.19
Conductivity	80
Sampling Method	Electrofishing
Species 1	
Species 2	
Species 3	
Species 4	**Cutthroat Trout**
Species 5	**Ct X Rb**
Nongame Fish Present	None
Comments	Starred measurements (52*) indicate fish that could only be identified by length of maxillary and "cuts" under jaw.

Pass #1

Cutthroat Trout	Ct X Rb
144	151
	125
	121
	118
	113
	113
	113
	104
	103
	101
	99
	99
	98
	93
	90
	87
	87
	83
	81
	81
	80
	80
	71
	70
	69
	68
	67
	66
	65
	62
	62
	61
	60
	59
	56
	53
	52
	52
	51
	49

Site Code	**23**
Tracking Code	2001-N25
Ranger District	Challis
Watershed	Upper salmon
Stream	Main stem of Eddy Creek
Site Description	Approximately 500m above confluence of North Fork and the main stem
UTM (Zone 11)	708450, 4947839
Legal (Township)	15N
Legal (Range)	18E
Legal (Section)	5

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Latitude	44.6556
Longitude	114.371
Method for Lat/Long	GPS
Date Assessment	7/31/2001
Time	14:25
Observers	J. Pyron, J. Hollist, D. Webster, S. Mangan
Length	100
Width 1	3
Width 2	3.2
Width 3	3.6
Width 4	4.1
Air Temperature	9
Water Temperature	6
pH	8.52
Conductivity	40
Sampling Method	Electrofishing
Species 1	
Species 2	
Species 3	
Species 4	**Cutthroat Trout**
Species 5	**Ct X Rb**
Nongame Fish Present	None
Comments	

Pass #1

Cutthroat Trout	Ct X Rb
208	166
178	165
177	164
169	160
165	160
163	155
157	154
156	153
154	150
153	149
145	147
137	141
135	140
129	139
126	138
116	137
112	137
55	135
55	133
	130
	130
	130
	129
	128
	127
	125
	125
	120
	120
	119
	117
	117
	116
	114
	112
	112
	107
	104
	98
	98
	97
	96
	95

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

	94
	94
	94
	92
	92
	92
	91
	91
	91
	90
	90
	90
	89
	89
	88
	86
	86
	85
	85
	83
	80
	80
	79
	77
	62
	62
	61
	58
	57
	57
	50
	49

Pass #2

Cutthroat Trout	Ct X Rb
176	157
171	144
161	141
160	133
154	131
154	131
152	127
148	126
144	126
141	124
136	121
125	120
118	112
	110
	110
	109
	104
	102
	98
	95
	95
	94
	90
	90
	89
	88
	87
	86
	84
	82
	80
	80
	77
	59

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Site Code	**24**
Tracking Code	2001-N26
Ranger District	Challis
Watershed	Upper Salmon
Stream	"Camas Fork" in Eddy Basin
Site Description	Approximately 400m above confluence to Eddy Cr.
UTM (Zone 11)	707272, 4947934
Legal (Township)	15N
Legal (Range)	18E
Legal (Section)	6
Latitude	44.6568
Longitude	114.3858
Method for Lat/Long	GPS
Date Assessment	7/31/2001
Time	12:30
Observers	J. Pyron, J. Hollist, D. Webster, S. Mangan
Length	50
Width 1	0.7
Width 2	1.4
Width 3	1
Width 4	0.75
Air Temperature	7
Water Temperature	5
pH	8.5
Conductivity	120
Sampling Method	Electrofishing
Species 1	
Species 2	
Species 3	
Species 4	**Cutthroat Trout**
Species 5	**Ct X Rb**
Nongame Fish Present	None
Comments	Average depth = .03m. Low average depth limited shocking to only pools in the 50m. Stretch.

Pass #1

Cutthroat Trout	Ct X Rb
146	102
121	102
120	99
119	97
115	95
81	86
75	81
	74

Site Code	**25**
Tracking Code	2001-N27
Ranger District	Challis
Watershed	Upper Salmon
Stream	"Middle fork" of Eddy
Site Description	Approximately 400m above the confluence of the main stem.
Legal (Township)	15N
Legal (Range)	18E
Legal (Section)	7
Latitude	44.6514
Longitude	114.3874
Method for Lat/Long	GPS
Date Assessment	7/31/2001
Time	12:10
Observers	J. Pyron, J. Hollist, D. Webster, S. Mangan
Length	50
Width 1	2
Width 2	1.4
Width 3	1.5
Width 4	2.1
Air Temperature	7
Water Temperature	3
pH	8.29

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Conductivity	20
Species 1	
Species 2	
Species 3	
Species 4	**Cutthroat Trout**
Species 5	**Ct X Rb**
Nongame Fish Present	
Comments	Average depth = .12m

Pass #1

Cutthroat Trout	Ct X Rb
167	175
157	172
	155

Site Code	**26**
Tracking Code	2001-N28
Ranger District	Challis
Watershed	Upper Salmon
Stream	"Main Stem" of Eddy Cr.
Site Description	Approximately 500 meters above confluence of the main fork and the middle fork
UTM (Zone 11)	707311, 4947224
Legal (Township)	15N
Legal (Range)	18E
Legal (Section)	7
Latitude	44.6504
Longitude	114.3856
Method for Lat/Long	GPS
Date Assessment	7/31/2001
Time	11:30
Observers	J. Pyron, J. Hollist, D. Webster, S. Mangan
Length	50
Width 1	2.1
Width 2	1.6
Width 3	2
Width 4	1.2
Air Temperature	9
Water Temperature	5
pH	8.7
Conductivity	20
Sampling Method	Electrofishing
Species 1	
Species 2	
Species 3	
Species 4	**Cutthroat Trout**
Species 5	**Ct X Rb**
Nongame Fish Present	None
Comments	Average Depth = .12m

Pass #1

Cutthroat Trout	Ct X Rb
166	150
125	149
110	147
	145
	144
	139
	138
	125
	123
	118
	90
	80

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Site Code	**27**
Tracking Code	2001-N29
Ranger District	Challis
Watershed	Upper Salmon
Stream	"Main Fork" of Eddy
Site Description	1 mile above confluence of middle fork and main stem of Eddy creek
UTM (Zone 11)	707136, 4946974
Legal (Township)	15N
Legal (Range)	18E
Legal (Section)	7
Latitude	44.6482
Longitude	114.3879
Method for Lat/Long	GPS
Date Assessment	7/31/2001
Time	9:25
Observers	J. Pyron, J. Hollist, D. Webster, S. Mangan
Length	50
Width 1	2.4
Width 2	1.4
Width 3	1.7
Width 4	1.7
Air Temperature	6
Water Temperature	4
pH	8.45
Conductivity	30
Sampling Method	Electrofishing
Species 1	
Species 2	
Species 3	
Species 4	**Cutthroat Trout**
Species 5	**Ct X Rb**
Nongame Fish Present	None
Comments	Average depth = .14m

Pass #1

Cutthroat Trout	Ct X Rb
172	156
168	136
166	117
160	103
144	95
134	90
132	
125	
120	
95	
55	

Site Code	**28**
Tracking Code	2001-N30
Ranger District	Challis
Watershed	Upper Salmon
Stream	Lower White Valley Creek #1
Site Description	Site begins directly above diversion
UTM (Zone 11)	709788, 4939120
Legal (Township)	14N
Legal (Range)	18E
Legal (Section)	5
Latitude	44.5768
Longitude	114.3577
Method for Lat/Long	GPS
Date Assessment	7/25/2001
Time	14:50
Observers	J. Pyron, C. Wakefield, S. Mangan
Length	50
Width 1	1.6
Width 2	1.8

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Width 3	1.2
Width 4	1.9
Air Temperature	27
Water Temperature	12
pH	7.9
Conductivity	20
Sampling Method	Electrofishing
Species 1	Rainbow Trout
Species 2	
Species 3	**Brook Trout**
Species 4	**Cutthroat Trout**
Species 5	**Ct X Rb**
Nongame Fish Present	None
Comments	Average depth = .12m

Pass #1

Rainbow Trout	Brook Trout	Cutthroat Trout	Ct X Rb
33	180	193	130
			113
			102
			100
			89
			86
			84
			77
			76
			75
			71
			71

Site Code	**29**
Tracking Code	2001-N31
Ranger District	Challis
Watershed	Upper salmon
Stream	White Valley Creek #2 (upper)
Site Description	Site is located approximately 2.7 miles up white valley road
UTM (Zone 11)	706302, 4942021
Legal (Township)	15N
Legal (Range)	17E
Legal (Section)	25
Latitude	44.6039
Longitude	114.4004
Method for Lat/Long	GPS
Date Assessment	7/25/2001
Time	11:30
Observers	J.Pyron, C.Wakefield, S.Mangan
Length	100
Width 1	2
Width 2	1.9
Width 3	1.7
Width 4	1.4
Air Temperature	17
Water Temperature	5
pH	9.1
Conductivity	10
Sampling Method	Electrofishing
Species 1	
Species 2	
Species 3	
Species 4	
Species 5	
Nongame Fish Present	None
Comments	Average depth = .5m - Intermittent stream with little to no fish habitat. No fish were seen.

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Site Code	**30**
Tracking Code	2001-N32
Ranger District	Challis
Watershed	Upper Salmon
Stream	Corral Creek
Site Description	Approximately 400m. above diversion
UTM (Zone 11)	719214, 4963889
Legal (Township)	17N
Legal (Range)	19E
Legal (Section)	16
Latitude	44.7992
Longitude	114.229
Method for Lat/Long	GPS
Date Assessment	8/2/2001
Time	11:00
Observers	J. Pyron, C. Wakefield, S. Mangan
Length	at least 100m
Width 1	2.9
Width 2	3.1
Width 3	3
Width 4	2.7
Width 5	3.1
Air Temperature	25
Water Temperature	9.5
pH	
Conductivity	20
Sampling Method	Electrofishing
Species 1	**Rainbow Trout**
Species 2	**Bull Trout**
Species 3	
Species 4	
Species 5	**Ct X Rb**
Nongame Fish Present	**Sculpin**
Comments	Average depth = .16m Note: Columbia spotted frog observed.

Pass #1

Rainbow Trout	Bull Trout	Ct X Rb
187	170	216
73	101	175
	90	163
	83	147
		146
		134
		133
		124
		120
		118
		117
		116
		106
		102
		98
		97
		94
		93
		82
		82
		79
		74
		74
		74
		71
		69
		67
		63
		61

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Site Code	**31**
Tracking Code	2001-N33
Ranger District	Challis
Watershed	Upper Salmon
Stream	Bear Creek above diversion
Site Description	Site begins directly above diversion
UTM (Zone 11)	707595, 4938849
Legal (Township)	14N
Legal (Range)	18E
Legal (Section)	6
Latitude	44.575
Longitude	114.3854
Method for Lat/Long	GPS
Date Assessment	7/25/2001
Time	14:35
Observers	J. Pyron, C. Wakefield, S. Mangan
Length	80
Width 1	7.3
Width 2	4.5
Width 3	4.4
Width 4	4.4
Width 5	4.3
Air Temperature	27
Water Temperature	10
pH	8.4
Conductivity	10
Sampling Method	Electrofishing
Species 1	
Species 2	**Bull Trout**
Species 3	
Species 4	**Cutthroat Trout**
Species 5	**Ct X Rb**
Nongame Fish Present	**Sculpin**
Comments	Average depth = .18m

Pass #1

Bull Trout	Cutthroat Trout	Ct X Rb
249	269	220
216	68	165
174	59	158
157		120
109		119
		75
		74

Site Code	**32**
Tracking Code	2001-N34
Ranger District	Challis
Watershed	Upper Salmon
Stream	West Fork Bear Creek
Site Description	Site begins directly above culvert
UTM (Zone 11)	703612, 4939145
Legal (Township)	14N
Legal (Range)	17E
Legal (Section)	3
Latitude	44.5788
Longitude	114.4354
Method for Lat/Long	GPS
Date Assessment	7/25/2001
Time	13:00
Observers	J. Pyron, C. Wakefield, S. Mangan
Length	50
Width 1	2.4
Width 2	2.6
Width 3	2.2
Width 4	2.7
Air Temperature	17

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Water Temperature	7
pH	8.34
Conductivity	10
Sampling Method	Electrofishing
Species 1	
Species 2	**Bull Trout**
Species 3	
Species 4	**Cutthroat Trout**
Species 5	
Nongame Fish Present	None
Comments	Average depth = .1m

Pass #1

Bull Trout	Cutthroat Trout
158	186
148	185
147	
143	
135	
125	
115	
103	

Site Code	**33**
Tracking Code	2001-N35
Ranger District	Challis
Watershed	Upper Salmon
Stream	Mill Creek #1
Site Description	Site on left side of road directly above diversion
UTM (Zone 11)	710282, 4931741
Legal (Township)	14N
Legal (Range)	18E
Legal (Section)	29
Latitude	44.5103
Longitude	114.3545
Method for Lat/Long	GPS
Date Assessment	7/26/2001
Time	9:45
Observers	J. Pyron, C. Wakefield
Length	50
Width 1	3.8
Width 2	2.3
Width 3	4
Width 4	2.4
Air Temperature	15
Water Temperature	9
pH	8.43
Conductivity	150
Sampling Method	Electrofishing
Species 1	
Species 2	**Bull Trout**
Species 3	
Species 4	**Cutthroat Trout**
Species 5	
Nongame Fish Present	None
Comments	Average depth = .16m. YOY 29 Cutthroat.

Pass #1

Bull Trout	Cutthroat Trout
148	243
137	233
99	232
94	228
	216
	216
	210
	205

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

198
197
174
170
158
151
150
146
144
133
131
129
128
125
124
120
113
92
90
89
89
89
87
87
85
84
83
82
80
67

Site Code	**34**
Tracking Code	2001-N36
Ranger District	Challis
Watershed	Upper Salmon
Stream	Mill Creek #2
Site Description	Site begins directly above culvert and extends upstream 100m. Culvert located at first creek crossing below Mill creek campground
UTM (Zone 11)	703750, 4927768
Legal (Township)	13N
Legal (Range)	17E
Legal (Section)	10
Latitude	44.4747
Longitude	114.4404
Method for Lat/Long	GPS
Date Assessment	7/26/2001
Time	11:00
Observers	J. Pyron, C. Wakefield
Length	120
Width 1	2.2
Width 2	2.7
Width 3	3
Width 4	4.2
Width 5	2.6
Air Temperature	18
Water Temperature	7
pH	8.35
Conductivity	50
Sampling Method	Electrofishing
Species 1	
Species 2	**Bull Trout**
Species 3	
Species 4	**Cutthroat Trout**
Species 5	
Nongame Fish Present	None
Comments	Average depth = .13m

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Pass #1

Bull Trout	Cutthroat Trout
195	233
179	224
177	224
169	199
164	180
161	151
140	113
131	90
120	
118	
114	
112	
111	
111	
110	
109	
109	
103	
102	
100	
96	
94	
93	
93	
91	
85	
77	
71	
63	
62	
62	
33	

Pass #2

Bull Trout	Cutthroat Trout
175	157
172	143
164	
158	
147	
128	
126	
118	
116	
112	
105	
90	
90	
66	
66	
48	

Site Code	**35**
Tracking Code	2001-N37
Ranger District	Challis
Watershed	Upper Salmon
Stream	Challis Creek
Site Description	Site directly above diversion on mainstem of Challis creek
UTM (Zone 11)	701545, 4930730
Legal (Township)	14N
Legal (Range)	17E
Legal (Section)	33
Latitude	44.5037
Longitude	114.4647
Method for Lat/Long	GPS
Date Assessment	7/25/2001
Time	18:00

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Observers	J. Pyron, C. Wakefield, S. Mangan
Length	93
Width 1	4.1
Width 2	3.2
Width 3	3.5
Width 4	3.8
Air Temperature	22
Water Temperature	9
pH	8.65
Conductivity	20
Sampling Method	Electrofishing
Species 1	**BkXBl**
Species 2	**Bull Trout**
Species 3	**Brook Trout**
Species 4	**Cutthroat Trout**
Species 5	**Ct X Rb**
Nongame Fish Present	**Sculpin**
Comments	

Pass #1

BkXBl	Bull Trout	Brook Trout	Cutthroat Trout	Ct X Rb
398	119	252	288	207
	89	249	231	191
	81	237	60	72
	80	235	52	
	74	213	44	
	73		40	

Pass #2

BkXBl	Bull Trout	Brook Trout	Cutthroat Trout	Ct X Rb
	188	39		138
	154	37		
	141			
	133			
	34			
	33			

Site Code	**36**
Tracking Code	2001-S4
Ranger District	Challis
Watershed	Pahsimeroi
Stream	Christian Gulch
Site Description	Site is located at Forest Boundary. Take road 115 to F.S. boundary.
UTM (Zone 11)	754232, 4910982
Legal (Township)	12N
Legal (Range)	22E
Legal (Section)	2
Latitude	44.3109
Longitude	113.8125
Method for Lat/Long	
Date Assessment	7/9/2001
Time	13:23
Observers	J. Hollist, S. Mangan
Length	
Air Temperature	
Water Temperature	
pH	
Conductivity	
Sampling Method	Visual
Species 1	
Species 2	
Species 3	
Species 4	
Species 5	
Nongame Fish Present	None
Comments	Channel is dry with vegetation growing in the streambed.

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Site Code	**37**
Tracking Code	2001-S5
Ranger District	Challis
Watershed	Pahsimeroi
Stream	Christian Gulch
Site Description	Site is located where road 115 forks to the left. Left fork of the road is not marked.
UTM (Zone 11)	751435, 4911245
Legal (Township)	12N
Legal (Range)	22E
Legal (Section)	4
Latitude	44.3129
Longitude	113.8474
Method for Lat/Long	
Date Assessment	7/9/2001
Time	12:18
Observers	J. Hollist, S. Mangan
Length	
Air Temperature	
Water Temperature	
pH	
Conductivity	
Sampling Method	Visual
Species 1	
Species 2	
Species 3	
Species 4	
Species 5	
Nongame Fish Present	None
Comments	Channel is dry with vegetation growing in the streambed.

Site Code	**38**
Tracking Code	2001-S6
Ranger District	Challis
Watershed	Pahsimeroi
Stream	Christian Gulch
Site Description	Take road 115 to where 426 and 115 Fork.
UTM (Zone 11)	749779, 4910915
Legal (Township)	12N
Legal (Range)	22E
Legal (Section)	5
Latitude	44.3105
Longitude	113.8683
Method for Lat/Long	
Date Assessment	7/9/2001
Time	12:46
Observers	J. Hollist, S. Mangan
Length	
Air Temperature	
Water Temperature	
pH	
Conductivity	
Sampling Method	Visual
Species 1	
Species 2	
Species 3	
Species 4	
Species 5	
Nongame Fish Present	None
Comments	Channel is dry. Vegetation is growing along stream bank.

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Site Code	**39**
Tracking Code	2001-S14
Ranger District	Challis
Watershed	Pahsimeroi
Stream	Dead Cat Canyon
Site Description	Drive up road 063. Cut to left 228 and follow road until you cannot continue. Hike up canyon.
UTM (Zone 11)	751662, 4917172
Legal (Township)	12N
Legal (Range)	22E
Legal (Section)	15
Latitude	44.3661
Longitude	113.8417
Method for Lat/Long	
Date Assessment	7/9/2001
Time	14:25
Observers	J. Hollist, S. Mangan
Length	
Air Temperature	
Water Temperature	
pH	
Conductivity	
Sampling Method	Visual
Species 1	
Species 2	
Species 3	
Species 4	
Species 5	
Nongame Fish Present	None
Comments	Stream channel is dry. Channel is not very visible and hard to determine existence.

Site Code	**40**
Tracking Code	2001-S20
Ranger District	Challis
Watershed	Pahsimeroi
Stream	Mill Creek
Site Description	Site is located approx. 1 mile above confluence with Grouse Creek.
UTM (Zone 11)	748697, 4921686
Legal (Township)	13N
Legal (Range)	22E
Legal (Section)	32
Latitude	
Longitude	
Method for Lat/Long	
Date Assessment	7/9/2001
Time	13:15
Observers	J. Pyron, D. Webster
Length	50
Width 1	1.7
Width 2	1.1
Width 3	1.9
Air Temperature	13.5
Water Temperature	3.6
pH	8.55
Conductivity	310
Sampling Method	Electrofishing
Species 1	
Species 2	
Species 3	
Species 4	
Species 5	
Nongame Fish Present	None
Comments	No Fish found.

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Site Code	**41**
Tracking Code	2001-S21
Ranger District	Challis
Watershed	Pahsimeroi
Stream	Grouse Creek
Site Description	Directly below Quake Lake.
UTM (Zone 11)	743775, 4919587
Legal (Township)	13N
Legal (Range)	21E
Legal (Section)	36
Latitude	44.3905
Longitude	113.9394
Method for Lat/Long	
Date Assessment	7/9/2001
Time	15:30
Observers	J. Pyron, D. Webster
Length	
Air Temperature	
Water Temperature	
pH	
Conductivity	
Sampling Method	Visual
Species 1	
Species 2	
Species 3	
Species 4	
Species 5	
Nongame Fish Present	None
Comments	No water is flowing in the channel, however during high water, excess water may flow down channel.

Site Code	**42**
Tracking Code	2001-S22
Ranger District	Challis
Watershed	Pahsimeroi
Stream	Grouse Creek above Quake Lake
Site Description	Site surveyed begins 100m above Quake Lake
UTM (Zone 11)	743754, 4919308
Legal (Township)	12N
Legal (Range)	21E
Legal (Section)	11
Latitude	44.388
Longitude	113.9398
Method for Lat/Long	GPS
Date Assessment	7/10/2001
Time	9:50
Observers	J. Pyron, D. Webster, S. Mangan, J. Hollist
Length	100
Width 1	1.7
Width 2	2.9
Width 3	3.2
Width 4	2.7
Air Temperature	14
Water Temperature	5.2
pH	9.2
Conductivity	150
Sampling Method	Electrofishing
Species 1	Rainbow Trout
Species 2	
Species 3	
Species 4	
Species 5	
Nongame Fish Present	None
Comments	File Name R071016A. Fish 222has lumps.

Pass #1

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Rainbow Trout
294
294
269
249
247
222
219
211
204
199
196
193

Pass #2
Rainbow Trout
221

Site Code	**43**
Tracking Code	2001-S23
Ranger District	Challis
Watershed	Pahsimeroi
Stream	Unnamed Tributary of Grouse Creek
Site Description	Small stream running but likely to dry up later in summer.
UTM (Zone 11)	746616, 4922060
Legal (Township)	13N
Legal (Range)	22E
Legal (Section)	31
Latitude	44.4141
Longitude	113.906
Method for Lat/Long	
Date Assessment	7/9/2001
Time	15:15
Observers	J. Pyron, D. Webster
Length	
Air Temperature	12.7
Water Temperature	7.6
pH	9.43
Conductivity	620
Sampling Method	Visual
Species 1	
Species 2	
Species 3	
Species 4	
Species 5	
Nongame Fish Present	None
Comments	Walked small section (50m) and saw no fish or any likely habitat.

Site Code	**44**
Tracking Code	2001-S28
Ranger District	Challis
Watershed	Pahsimeroi
Stream	Meadow Creek
Site Description	Site was located at the Forest Boundary.
UTM (Zone 11)	742614, 4926351
Legal (Township)	13N
Legal (Range)	21E
Legal (Section)	14
Latitude	
Longitude	
Method for Lat/Long	
Date Assessment	7/10/2001
Time	17:30
Observers	D. Webster
Length	200
Width 1	0.48
Width 2	0.5
Width 3	0.36

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Width 4	0.43
Air Temperature	
Water Temperature	
pH	
Conductivity	
Sampling Method	Visual
Species 1	
Species 2	
Species 3	
Species 4	
Species 5	
Nongame Fish Present	None
Comments	Insufficient fish habitat at F.S. boundary. Inadequate flows until further into gorge. Average depth = 0.39

Site Code	**45**
Tracking Code	2001-S29
Ranger District	Challis
Watershed	Pahsimeroi
Stream	Elbow creek
Site Description	
UTM (Zone 11)	742540, 4927894
Legal (Township)	13N
Legal (Range)	21E
Legal (Section)	10
Latitude	
Longitude	
Method for Lat/Long	
Date Assessment	7/11/2001
Time	17:00
Observers	D. Webster
Length	150
Width 1	0.01
Width 2	0.02
Width 3	0.01
Air Temperature	
Water Temperature	
pH	
Conductivity	
Sampling Method	Visual
Species 1	
Species 2	
Species 3	
Species 4	
Species 5	
Nongame Fish Present	None
Comments	Insufficient fish habitat. Walked 150m and observed no fish. Avg. depth= 1cm.

Site Code	**46**
Tracking Code	2001-S30
Ranger District	Challis
Watershed	Pahsimeroi
Stream	Meadow Creek
Site Description	Section of stream that lies in line with ridge road and Meadow Creek Peak.
UTM (Zone 11)	740641, 4922425
Legal (Township)	13N
Legal (Range)	21E
Legal (Section)	21
Latitude	44.4413
Longitude	113.9821
Method for Lat/Long	
Date Assessment	7/11/2001
Time	17:30
Observers	J. Hollist, J. Pyron, D. Webster, S. Mangan
Length	500
Width 1	0.7
Width 2	0.6
Width 3	1

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Width 4	1.1
Width 5	0.6
Air Temperature	18.1
Water Temperature	16
pH	8.53
Conductivity	250
Sampling Method	Visual
Species 1	
Species 2	
Species 3	
Species 4	
Species 5	
Nongame Fish Present	None
Comments	Sufficient fish habitat found but no fish were found. Observers were highly confident that no fish are in the stream. Avg. depth =.09m

Site Code	**47**
Tracking Code	2001-S31
Ranger District	Challis
Watershed	Pahsimeroi
Stream	Sulphur Creek
Site Description	The site surveyed begins at the confluence of Opal Springs & Sulphur Creek
UTM (Zone 11)	739339, 4930233
Legal (Township)	13N
Legal (Range)	21E
Legal (Section)	5
Latitude	44.4881
Longitude	113.9908
Method for Lat/Long	GPS
Date Assessment	7/10/2001
Time	17:30
Observers	J. Hollist
Length	50m of 100m
Width 1	0.95
Air Temperature	11.3
Water Temperature	9.2
pH	8.58
Conductivity	150
Sampling Method	Electrofishing
Species 1	
Species 2	
Species 3	
Species 4	**Cutthroat Trout**
Species 5	
Nongame Fish Present	None
Comments	File Name R071215A. Ave. depth approximately 10 cm. The stream was hard to get to. Water is flowing but extremely difficult to shock. **Captured one cutthroat trout 191 mm in length with net from a pool.**

Site Code	**48**
Tracking Code	2001-S33
Ranger District	Challis
Watershed	Pahsimeroi
Stream	Trail Creek
Site Description	Take Trail Creek road to fence. Hike fence down to creek.
UTM (Zone 11)	737529, 4932937
Legal (Township)	14N
Legal (Range)	21E
Legal (Section)	30
Latitude	44.5126
Longitude	114.0116
Method for Lat/Long	
Date Assessment	7/14/2001
Time	10:30
Observers	J. Pyron, J. Hollist
Length	50
Width 1	0.8
Width 2	0.8

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Width 3	0.85
Width 4	1
Air Temperature	29.1
Water Temperature	13.3
pH	8.52
Conductivity	
Sampling Method	Visual
Species 1	
Species 2	
Species 3	
Species 4	
Species 5	
Nongame Fish Present	None
Comments	Stream will run all year, however no fish habitat.

Site Code	**49**
Tracking Code	2001-S34
Ranger District	Challis
Watershed	Pahsimeroi
Stream	Blind Fork
Site Description	Site is directly upstream from where road crosses stream.
UTM (Zone 11)	736511, 4936403
Legal (Township)	21N
Legal (Range)	14E
Legal (Section)	18
Latitude	
Longitude	
Method for Lat/Long	
Date Assessment	7/10/2001
Time	17:00
Observers	J. Pyron
Length	125
Width 1	0.4
Width 2	0.35
Width 3	0.45
Width 4	0.38
Air Temperature	
Water Temperature	
pH	
Conductivity	
Sampling Method	Visual
Species 1	
Species 2	
Species 3	
Species 4	
Species 5	
Nongame Fish Present	None
Comments	Insufficient fish habitat. Very shallow and could possibly dry up further into summer. Ave. depth =3 cm.

Site Code	**50**
Tracking Code	2001-S35
Ranger District	Challis
Watershed	Pahsimeroi
Stream	South Fork Lawson Creek
Site Description	Take South Fork road as far as you can. (Fallen tree across road). Walk road until it crosses creek. Creek should be on left hand side of road.
UTM (Zone 11)	735598, 4937425
Legal (Township)	14n
Legal (Range)	20E
Legal (Section)	13
Latitude	44.5534
Longitude	114.0348
Method for Lat/Long	
Date Assessment	7/11/2001
Time	10:10
Observers	J. Hollist, S. Mangan
Length	150-200

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Width 1	1.4
Width 2	1.2
Width 3	0.6
Width 4	0.9
Air Temperature	20.7
Water Temperature	12.2
pH	8.48
Conductivity	150
Sampling Method	Visual
Species 1	
Species 2	
Species 3	
Species 4	
Species 5	
Nongame Fish Present	None
Comments	Avg. depth of beginning is 0.15m. All avg. depth is 0.2m. Observers were 90% sure that there were no fish in the stream.

Site Code	**51**
Tracking Code	2001-S36
Ranger District	Challis
Watershed	Pahsimeroi
Stream	Middle Fork Lawson Creek
Site Description	Site begins 50m below hobo site
UTM (Zone 11)	735964, 4940076
Legal (Township)	14N
Legal (Range)	20E
Legal (Section)	1
Latitude	44.5773
Longitude	114.028
Method for Lat/Long	GPS
Date Assessment	7/11/2001
Time	11:30
Observers	J. Pyron, J, Hollist, S. Mangan
Length	50
Width 1	0.4
Width 2	0.3
Width 3	0.4
Width 4	0.7
Width 5	0.9
Width 6	0.5
Air Temperature	28.7
Water Temperature	17
pH	8.31
Conductivity	360
Sampling Method	Electrofishing
Species 1	**Rainbow Trout**
Species 2	
Species 3	
Species 4	
Species 5	
Nongame Fish Present	None
Comments	RO71117A

Pass #1

Rainbow Trout

179
165
154
154
145
130
125
116
72
66
64
61

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

57
57
55
55
53

Pass #2
Rainbow Trout
63

Site Code	**52**
Tracking Code	2001-S37
Ranger District	Challis
Watershed	Pahsimeroi
Stream	Unnamed Tributary to North Fork Lawson Creek
Site Description	Site is located at Forest Boundary.
UTM (Zone 11)	734518, 4940468
Legal (Township)	14N
Legal (Range)	20E
Legal (Section)	1
Latitude	45.5853
Longitude	114.0465
Method for Lat/Long	
Date Assessment	7/14/2001
Time	9:50
Observers	J. Pyron, J. Hollist
Length	
Air Temperature	
Water Temperature	
pH	
Conductivity	
Sampling Method	Visual
Species 1	
Species 2	
Species 3	
Species 4	
Species 5	
Nongame Fish Present	None
Comments	No water.

Site Code	**53**
Tracking Code	2001-S38
Ranger District	Challis
Watershed	Pahsimeroi
Stream	North Fork Lawson Creek
Site Description	Take road 111 all the way up canyon until you come to Forest Boundary sign. Park and walk to creek.
UTM (Zone 11)	734463, 4940911
Legal (Township)	15N
Legal (Range)	20E
Legal (Section)	35
Latitude	44.5813
Longitude	114.046
Method for Lat/Long	
Date Assessment	7/14/2001
Time	9:45
Observers	J. Pyron, J. Hollist
Length	100
Width 1	0.6
Width 2	0.2
Width 3	0.3
Width 4	0.3
Width 5	0.4
Air Temperature	21.6
Water Temperature	13.5
pH	8.56
Conductivity	320
Sampling Method	Visual

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Species 1	
Species 2	
Species 3	
Species 4	
Species 5	
Nongame Fish Present	None
Comments	Very little flow with no fish habitat. Could possibly dry up near confluence further into summer. Avg. depth =.03 m

Site Code	**54**
Tracking Code	2001-S43
Ranger District	Challis
Watershed	Pahsimeroi
Stream	Rock Creek
Site Description	Dry stream channel with vegetation growing in and around stream channel.
UTM (Zone 11)	762791, 4895794
Legal (Township)	10N
Legal (Range)	23E
Legal (Section)	22
Latitude	44.17
Longitude	113.713
Method for Lat/Long	
Date Assessment	7/5/2001
Time	14:08
Observers	J.Pyron, S. Mangan, J. Hollist
Length	
Air Temperature	
Water Temperature	
pH	
Conductivity	
Sampling Method	Visual
Species 1	
Species 2	
Species 3	
Species 4	
Species 5	
Nongame Fish Present	None
Comments	

Site Code	**55**
Tracking Code	2001-S44
Ranger District	Challis
Watershed	Pahsimeroi
Stream	East Fork of Pahsimeroi (lower end)
Site Description	45 m above confluence is the beginning of the 100 m. of stream survey area
UTM (Zone 11)	763622, 4894372
Legal (Township)	10N
Legal (Range)	23E
Legal (Section)	35
Latitude	44.1568
Longitude	113.7037
Method for Lat/Long	GPS
Date Assessment	7/6/2001
Time	14:00
Observers	J. Pyron, S. Mangan, J. Hollist
Length	100
Width 1	7.5
Width 2	5
Width 3	4.4
Width 4	4.1
Width 5	7.7
Air Temperature	29.1
Water Temperature	11.7
pH	8.7
Conductivity	210
Sampling Method	Electrofishing
Species 1	
Species 2	Bull Trout

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Species 3	
Species 4	
Species 5	
Nongame Fish Present	**Sculpin** Present (Adults & YOY)
Comments	File name RO70620B

Pass #1

Bull Trout
225
164
136
122
120
117
115
91
90
44
38

Pass #2

Bull Trout
128

Site Code	**56**
Tracking Code	2001-S45
Ranger District	Challis
Watershed	Pahsimeroi
Stream	East Fork of Pahsimeroi
Site Description	Top of site begins 54 m below where road crosses the E.F. and continues downstream 100m
UTM (Zone 11)	764517, 4891059
Legal (Township)	9N
Legal (Range)	23E
Legal (Section)	11
Latitude	44.127
Longitude	113.6945
Method for Lat/Long	GPS
Date Assessment	7/6/2001
Time	9:20
Observers	J. Pyron, S. Mangan, J. Hollist
Length	100
Width 1	7.2
Width 2	7
Width 3	3
Width 4	5.2
Width 5	6.3
Air Temperature	20.2
Water Temperature	5
pH	8.7
Conductivity	200
Sampling Method	Electrofishing
Species 1	
Species 2	**Bull Trout**
Species 3	
Species 4	
Species 5	
Nongame Fish Present	**Sculpin**
Comments	File Name R070615A

Pass #1

Bull Trout
140
122
115
105
80
80

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

77
74

Pass #2
Bull Trout
161
116
108
108
97
97
83
78
77
67

Pass #3
Bull Trout
86
79
72
71
69
26

Site Code	**57**
Tracking Code	2001-S46
Ranger District	Challis
Watershed	Pahsimeroi
Stream	W.F. Pahsimeroi
Site Description	Starting approx. 20m above trailhead and directly above confluence of unnamed tributary.
UTM (Zone 11)	761918, 4891177
Legal (Township)	9N
Legal (Range)	23E
Legal (Section)	3
Latitude	44.1291
Longitude	113.7267
Method for Lat/Long	GPS
Date Assessment	7/5/2001
Time	15:00
Observers	J. Pyron, S. Mangan, J. Hollist
Length	100
Width 1	3.6
Width 2	3.2
Width 3	2.8
Width 4	4
Width 5	3.7
Air Temperature	22.6
Water Temperature	8.5
pH	8.66
Conductivity	120
Sampling Method	Electrofishing
Species 1	
Species 2	**Bull Trout**
Species 3	
Species 4	
Species 5	
Nongame Fish Present	None
Comments	R070521A

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Pass #1

Bull Trout

263
135
115
108
104
101
98
88
83
75
64
61
58
57
57
57
51
29
20

Pass #2

Bull Trout

93
82
56
19

Site Code	**58**
Tracking Code	2001-S47
Ranger District	Challis
Watershed	Pahsimeroi
Stream	Mahogany Creek
Site Description	Transect begins at end of road that follows creek on Southeast side just adjacent to dispersed camp site
UTM (Zone 11)	761400, 4898330
Legal (Township)	10N
Legal (Range)	23E
Legal (Section)	21
Latitude	44.1933
Longitude	113.7291
Method for Lat/Long	GPS
Date Assessment	7/5/2001
Time	11:19
Observers	J. Pyron, S. Mangan, J. Hollist
Length	100
Width 1	3.3
Width 2	2.4
Width 3	2.7
Width 4	1.8
Width 5	1.2
Width 6	3.7
Air Temperature	23
Water Temperature	8.3
pH	8.9
Conductivity	140
Sampling Method	Electrofishing
Species 1	
Species 2	Bull Trout
Species 3	
Species 4	
Species 5	
Nongame Fish Present	None
Comments	

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Pass #1

Bull Trout
244
143
118
104
81
79
76
76
74
71
64
61

Pass #2

Bull Trout
153
143
74
63
60
30
22

Site Code	**59**
Tracking Code	2001-S50
Ranger District	Challis
Watershed	Pahsimeroi
Stream	Mud Springs
Site Description	Old stream bed found with no water and overgrown with sagebrush.
UTM (Zone 11)	761216, 4901149
Legal (Township)	10N
Legal (Range)	23E
Legal (Section)	9
Latitude	44.2187
Longitude	113.73
Method for Lat/Long	
Date Assessment	7/5/2001
Time	10:55
Observers	J. Pyron, S. Mangan, J. Hollist
Length	
Air Temperature	
Water Temperature	
pH	
Conductivity	
Sampling Method	Visual
Species 1	
Species 2	
Species 3	
Species 4	
Species 5	
Nongame Fish Present	None
Comments	No Fish.

Site Code	**60**
Tracking Code	2001-S51
Ranger District	Challis
Watershed	Pahsimeroi
Stream	Unnamed stream North of Mud Springs
Site Description	No perennial streams or dry channels found. Sagebrush fills bottom of draw.
UTM (Zone 11)	759852, 4901050
Legal (Township)	10N
Legal (Range)	23E
Legal (Section)	4
Latitude	44.2183
Longitude	113.7471
Method for Lat/Long	

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Date Assessment	7/5/2001
Time	10:40
Observers	J. Pyron, J. Hollist, S. Mangan
Length	
Air Temperature	
Water Temperature	
pH	
Conductivity	
Sampling Method	Visual
Species 1	
Species 2	
Species 3	
Species 4	
Species 5	
Nongame Fish Present	None
Comments	No Fish habitat found.

Site Code	**61**
Tracking Code	2001-S57
Ranger District	Challis
Watershed	Pahsimeroi
Stream	Unnamed stream (outlet from Carlson Lake)
Site Description	Stream is directly below Carlson Lake.
UTM (Zone 11)	759216, 4908322
Legal (Township)	11N
Legal (Range)	23E
Legal (Section)	17
Latitude	44.2839
Longitude	113.7544
Method for Lat/Long	
Date Assessment	8/14/2001
Time	12:25
Observers	J. Pyron, C. Wakefield, S. Mangan
Length	
Air Temperature	20C
Water Temperature	
pH	
Conductivity	
Sampling Method	Visual
Species 1	
Species 2	
Species 3	
Species 4	
Species 5	
Nongame Fish Present	None
Comments	Stream channel is dry. No Fish habitat.

Site Code	**62**
Tracking Code	2001-S58
Ranger District	Challis
Watershed	Upper Salmon
Stream	Alison Creek
Site Description	Forest boundary is beginning of reach.
UTM (Zone 11)	740445, 4961665
Legal (Township)	17N
Legal (Range)	21E
Legal (Section)	27
Latitude	44.7699
Longitude	113.9615
Method for Lat/Long	GPS
Date Assessment	8/2/2001
Time	1605
Observers	J. Pyron, C. Wakefield, S. Mangan
Length	50
Width 1	1.1
Width 2	0.8
Width 3	1.2
Width 4	0.9

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Air Temperature	25
Water Temperature	15
pH	8.2
Conductivity	50
Sampling Method	Electrofishing
Species 1	
Species 2	
Species 3	
Species 4	
Species 5	**Ct X Rb**
Nongame Fish Present	None
Comments	Stream was very overgrown with brush and hard to access. Shocked pools and riffles intermittently along 50m of stream.

Pass #1

Ct X Rb
177
176
158
118

Site Code	**63**
Tracking Code	2001-S59
Ranger District	Challis
Watershed	Upper Salmon
Stream	Alison Creek (Upper)
Site Description	20 meter below where road crosses creek and about 50 meters above crossing.
UTM (Zone 11)	742340, 4963538
Legal (Township)	17N
Legal (Range)	21E
Legal (Section)	23
Latitude	44.7861
Longitude	113.9367
Method for Lat/Long	GPS
Date Assessment	8/2/2001
Time	1500
Observers	J. Pyron, C. Wakefield, S. Mangan
Length	75
Width 1	1.9
Width 2	0.9
Width 3	1.2
Width 4	1.4
Air Temperature	27
Water Temperature	9
pH	7.91
Conductivity	20
Sampling Method	Visual
Species 1	
Species 2	
Species 3	
Species 4	
Species 5	
Nongame Fish Present	None
Comments	Very little to no fish habitat. No fish were observed. Very limited flows and holding water.

Site Code	**64**
Tracking Code	2001-S60
Ranger District	Challis
Watershed	Upper Salmon
Stream	North Fork Cow Creek
Site Description	Site begins where road crosses stream about 100m above diversion
UTM (Zone 11)	743217, 4961925
Legal (Township)	17N
Legal (Range)	21E
Legal (Section)	26
Latitude	44.7713
Longitude	113.9264

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Method for Lat/Long	GPS
Date Assessment	8/2/2001
Time	1400
Observers	J. Pyron, C. Wakefield, S. Mangan
Length	50
Width 1	5.6
Width 2	1.6
Width 3	2.7
Width 4	2
Air Temperature	25
Water Temperature	7
pH	8.5
Conductivity	30
Sampling Method	Electrofishing
Species 1	
Species 2	
Species 3	
Species 4	
Species 5	
Nongame Fish Present	None
Comments	Habitat is intermittent with pools between large boulders and cobbles. No fish were found. Adequate water but most of habitat is high gradient riffle and cascade. Average depth = .1m

Site Code	**65**
Tracking Code	2002-N3
Ranger District	Challis
Watershed	Upper Salmon
Stream	Ellis Creek
Site Description	Site begins at BLM / Forest boundary and extends 100m upstream from boundary fence.
UTM (Zone 11)	723539, 4955205
Legal (Township)	16N
Legal (Range)	19E
Legal (Section)	14
Latitude	44.7173
Longitude	114.1777
Date Assessment	6/18/2002
Time	17:30
Observers	J. Hollist, D. Webster, C. Wakefield
Length of Stream Reviewed	100
Transect	Width
1	0.8
2	0.9
3	0.6
4	0.8
5	0.6
Air Temperature	17
Water Temperature	11
pH	8.28
Conductivity	70
Sampling Method	Visual
DETERMINATION:	Perennial Flow - No Suitable Fish Habitat - No Additional Sampling Needed
Comments	

Site Code	**66**
Tracking Code	2002-N4
Ranger District	Challis
Watershed	Upper Salmon
Stream	Ellis Creek
Site Description	Take road 056 to BLM/FS boundary
UTM (Zone 11)	723464, 4956915
Legal (Township)	16N
Legal (Range)	19E
Legal (Section)	11
Latitude	44.7327
Longitude	114.1779
Date Assessment	6/18/2002
Time	16:30

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Observers	J.Hollist, D.Webster, C.Wakefield
Length of Stream Reviewed	100
Transect	Width
1	0.5
2	0.8
3	0.7
4	0.68
Air Temperature	16
Water Temperature	11
pH	7.94
Conductivity	40
Sampling Method	Visual
DETERMINATION:	Perennial Flow - No Suitable Fish Habitat - No Additional Sampling Needed
Comments	

Site Code	**67**
Tracking Code	2002-N5
Ranger District	Challis
Watershed	Upper Salmon
Stream	Gooseberry Creek
Site Description	Site begins at boundary fence and extends upstream 100m.
UTM (Zone 11)	719915, 4951722
Legal (Township)	16N
Legal (Range)	19E
Legal (Section)	28
Latitude	44.6871
Longitude	114.2249
Date Assessment	6/19/2002
Time	10:00
Observers	J.Hollist, D.Webster, C.Wakefield
Length of Stream Reviewed	100
Transect	Width
1	0.3
2	0.8
3	0.6
4	0.5
5	0.6
Air Temperature	14
Water Temperature	9
pH	8.53
Conductivity	100
Sampling Method	Visual
DETERMINATION:	Perennial Flow - No Suitable Fish Habitat - No Additional Sampling Needed
Comments	

Site Code	**68**
Tracking Code	2002-N6A
Ranger District	Challis
Watershed	Upper Salmon
Stream	Block Creek
Site Description	Road 060 approximately 0.6 miles from where it crosses the creek upstream.
UTM (Zone 11)	718603, 4954922
Legal (Township)	16N
Legal (Range)	19E
Legal (Section)	20
Latitude	44.708
Longitude	114.2454
Date Assessment	6/18/2002
Time	14:45
Observers	J.Hollist, D.Webster, C.Wakefield
Length of Stream Reviewed	100
Transect	Width
1	6
2	4.5
3	5
4	3.5

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

5	6
Air Temperature	16
Water Temperature	16
pH	8.49
Conductivity	90
Sampling Method	Visual
DETERMINATION:	Undetermined (State Reason):_____
Comments	Amphibians and tadpoles present. No fish observed however shocking impossible.

Site Code	**69**
Tracking Code	2002-N6B
Ranger District	Challis
Watershed	Upper Salmon
Stream	Block Creek
Site Description	Take Pig Creek road 060 until it crosses creek. Follow the road up the canyon to the gate.
UTM (Zone 11)	718744, 4955088
Legal (Township)	17N
Legal (Range)	19E
Legal (Section)	17
Latitude	44.7138
Longitude	114.2438
Date Assessment	6/18/2002
Time	13:45
Observers	J.Hollist, C. Wakefield, D.Webster
Length	100
Width 1	1
Width 2	0.7
Width 3	1.5
Width 4	1.3
Width 5	1.9
Air Temperature	
Water Temperature	
pH	8.24
Conductivity	60
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	
Species 2	
Species 3	
Species 4	
Species 5	
Species 6	
Nongame Fish Present	None
Comments	No Fish. Approximately 15 meters were shocked. However stream flows are minimal so the last 85 meters were checked visually.

Site Code	**70**
Tracking Code	2002-N-7
Ranger District	Challis
Watershed	Upper Salmon
Stream	Block Creek
Site Description	Approximately 0.3 miles from fence upstream.
UTM (Zone 11)	718738, 4955085
Legal (Township)	16N
Legal (Range)	19E
Legal (Section)	17
Latitude	44.7177
Longitude	114.2383
Date Assessment	6/18/2002
Time	14:15
Observers	J.Hollist, D.Webster, C.Wakefield
Length of Stream Reviewed	100
Transect	Width
1	1.1
2	1.1

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

3	0.7
4	0.8
Air Temperature	16
Water Temperature	10
pH	8.18
Conductivity	60
Sampling Method	Visual
DETERMINATION:	Perennial Flow - No Suitable Fish Habitat - No Additional Sampling Needed
Comments	

Site Code	**71**
Tracking Code	2002-N-8A
Ranger District	Challis
Watershed	Upper Salmon
Stream	Pig Creek
Site Description	Visual assessment begins approximately 0.3 miles up pig creek road. Stop truck walk down to creek survey 100m.
UTM (Zone 11)	716624, 4956920
Legal (Township)	16N
Legal (Range)	19E
Legal (Section)	7
Latitude	44.7314
Longitude	114.2673
Date Assessment	6/18/2002
Time	11:00
Observers	J.Hollist, D.Webster, C.Wakefield
Length of Stream Reviewed	100
Transect	Width
1	0.4
2	0.6
3	0.2
4	0.3
5	0.15
Air Temperature	16
Water Temperature	12
pH	8.31
Conductivity	130
Sampling Method	Visual
DETERMINATION:	Perennial Flow - No Suitable Fish Habitat - No Additional Sampling Needed
Comments	

Site Code	**72**
Tracking Code	2002-N-8B
Ranger District	Challis
Watershed	Upper Salmon
Stream	Pork Creek
Site Description	Site begins where Pork creek crosses under road, extending 100m upstream.
UTM (Zone 11)	717309, 4959154
Legal (Township)	17N
Legal (Range)	19E
Legal (Section)	32
Latitude	44.7513
Longitude	114.2607
Date Assessment	6/18/2002
Time	11:20
Observers	D.Webster, C.Wakefield, J.Hollist
Length of Stream Reviewed	100
Transect	Width
1	0.3
2	0.2
3	0.5
4	0.05
5	0.1
6	0.5
Air Temperature	17
Water Temperature	10
pH	8.33

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Conductivity	150
Sampling Method	Visual
DETERMINATION:	Perennial Flow - No Suitable Fish Habitat - No Additional Sampling Needed
Comments	GPS position is taken from a centralized location in between the two forks.

Site Code	**73**
Tracking Code	2002-N-8C
Ranger District	Challis
Watershed	Upper Salmon
Stream	Stephens Creek
Site Description	Site begins where Stephens Creek crosses under Morgan Creek road; continues 100m upstream.
UTM (Zone 11)	717615, 4960595
Legal (Township)	17N
Legal (Range)	19E
Legal (Section)	31
Latitude	44.7644
Longitude	114.256
Date Assessment	6/18/2002
Time	11:40
Observers	J.Hollist, D.Webster, C.Wakefield
Length of Stream Reviewed	100
Transect	Width
1	1.3
2	0.9
3	0.3
4	1
Air Temperature	17
Water Temperature	11
pH	8.01
Conductivity	210
Sampling Method	Visual
DETERMINATION:	Perennial Flow - No Suitable Fish Habitat - No Additional Sampling Needed
Comments	

Site Code	**74**
Tracking Code	2002-N-8D
Ranger District	Challis
Watershed	Upper Salmon
Stream	Sawmill Creek
Site Description	Site begins where sawmill creek crosses under Morgan creek road; continues 100m Upstream.
UTM (Zone 11)	717651, 4961153
Legal (Township)	17N
Legal (Range)	19E
Legal (Section)	30
Latitude	44.7697
Longitude	114.2541
Date Assessment	6/18/2002
Time	11:55
Observers	D.Webster, J.Hollist, C.Wakefield
Length of Stream Reviewed	100
Transect	Width
1	0.8
2	0.7
3	0.6
4	0.6
5	1.3
6	0.8
7	0.8
Air Temperature	16
Water Temperature	11
pH	8.34
Conductivity	290
Sampling Method	Visual
DETERMINATION:	Perennial Flow - No Suitable Fish Habitat - No Additional Sampling Needed
Comments	

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Site Code	**75**
Tracking Code	2002-N-10
Ranger District	Challis
Watershed	Upper Salmon
Stream	Corral Creek
Site Description	Site Begins below the confluence of Corral site 11 & 12
UTM (Zone 11)	719367, 4965650
Legal (Township)	17N
Legal (Range)	19E
Legal (Section)	16
Latitude	44.81288
Longitude	114.22611
Date Assessment	8/15/2002
Time	14:30
Observers	J.Hollist, P.Wanstrom, M.Haroldsen, C.Wilkie
Length	50
Width 1	3.2
Width 2	3
Width 3	2.7
Width 4	3.4
Air Temperature	28.2
Water Temperature	12.2
pH	8.64
Conductivity	20
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	
Species 2	**Bull T.**
Species 3	
Species 4	
Species 5	
Species 6	**CtxRb Hyd**
Nongame Fish Present	**Sculpin**
Comments	

Pass #1

Bull T.	CtxRb Hyd
175	225
93	174
92	155
90	140
88	132
88	124
80	123
	122
	120
	78

Site Code	**76**
Tracking Code	2002-N-11
Ranger District	Challis
Watershed	Upper Salmon
Stream	Corral Creek
Site Description	Walk up from where trail crosses below site 2002-N12.
UTM (Zone 11)	719343, 4965691
Legal (Township)	17N
Legal (Range)	19E
Legal (Section)	9
Latitude	44.81288
Longitude	114.22611
Date Assessment	8/15/2002
Time	14:15
Observers	J.Hollist, P.Wanstrom, C. Wilkie, M.Haroldsen

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Length of Stream Reviewed	50
Transect	Width
1	0.4
2	0.3
3	0.4
4	0.2
Air Temperature	
Water Temperature	
pH	8.49
Conductivity	60
Sampling Method	Visual
DETERMINATION:	No Perennial Flow - No Additional Work Needed
Comments	There were fish down below at mainstream confluence. Yoy observed at confluence. However assessment begins above falls with amount of water .03m deep. No Fish observed.

Site Code	**77**
Tracking Code	2002-N-12
Ranger District	Challis
Watershed	Upper Salmon
Stream	Corral Creek
Site Description	Follow main bike trail to where it cuts to the left. Follow to mainstem of corral creek.
UTM (Zone 11)	719387, 4965650
Legal (Township)	17N
Legal (Range)	19E
Legal (Section)	9
Latitude	44.8125
Longitude	114.22557
Date Assessment	8/15/2002
Time	13:40
Observers	J.Hollist, P.Wanstrom, M.Haroldsen, C.Wilkie
Length	50
Width 1	2.3
Width 2	1.7
Width 3	1.9
Width 4	2.4
Width 5	1.4
Air Temperature	24.7
Water Temperature	9.8
pH	8.36
Conductivity	20
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	
Species 2	**Bull T.**
Species 3	
Species 4	**Cutthroat T.**
Species 5	
Species 6	**CtxRb Hyd**
Nongame Fish Present	**Sculpin**
Comments	

Pass #1

Bull T.	Cutthroat T.	CtxRb Hyd
192	123	184
135		157
135		150
97		126
97		122
85		116
		109
		109
		107
		85
		72
		68

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Site Code	**78**
Tracking Code	2002-N-13
Ranger District	Challis
Watershed	Upper Salmon
Stream	Corral Creek
Site Description	Take Burnt Creek trail to where it crosses creek follow bike trail up right fork.
UTM (Zone 11)	719994, 4965267
Legal (Township)	17N
Legal (Range)	19E
Legal (Section)	16
Latitude	44.8083
Longitude	114.21755
Date Assessment	8/15/2002
Time	12:15
Observers	J.Hollist, P.Wanstrom, M.Haroldsen, C.Wilkie
Length	50
Width 1	1
Width 2	1.2
Width 3	0.9
Width 4	1
Air Temperature	25
Water Temperature	12.8
pH	8.79
Conductivity	60
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	
Species 2	
Species 3	
Species 4	**Cutthroat T.**
Species 5	
Species 6	**CtxRb Hyd**
Nongame Fish Present	None
Comments	

Pass #1

Cutthroat T.	CtxRb Hyd
151	144
	143
	141
	134
	134
	120
	112
	105
	94

Site Code	**79**
Tracking Code	2002-N-14
Ranger District	Challis
Watershed	Upper Salmon
Stream	Trail Creek
Site Description	Site is located approximately 2.5-3 miles from confluence with Morgan Creek. Sample site begins 100m below uppermost fence crossing.
UTM (Zone 11)	714623, 4958872
Legal (Township)	17N
Legal (Range)	18E
Legal (Section)	35
Latitude	44.753
Longitude	114.2886
Date Assessment	9/17/2002
Time	13:49

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Observers	C. Wakefield, M. Hill, C. Wilkie
Length	310.2
Width 1	0.55
Width 2	0.47
Width 3	0.62
Width 4	0.71
Width 5	0.43
Air Temperature	11.8
Water Temperature	9.6
pH	8.8
Conductivity	90
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	
Species 2	
Species 3	
Species 4	**Cutthroat T.**
Species 5	
Species 6	**CtxRb Hyd**
Nongame Fish Present	**Sculpin**
Comments	Stream is extremely low. YOY size 42mm observed.

Pass #1

Cutthroat T.	CtxRb Hyd
163	130
155	113
147	110
145	100
140	99
140	97
140	97
134	96
131	92
131	91
127	85
125	75
120	73
120	
119	
115	
115	
112	
111	
110	
110	
110	
110	
110	
110	
110	
105	
101	
101	
100	
100	
100	
97	
96	
86	
86	
85	
85	
84	
84	
82	
82	
80	

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

78
74
72

Site Code	**80**
Tracking Code	2002-N-15
Ranger District	Challis
Watershed	Upper Salmon
Stream	Darling Creek
Site Description	Site begins above transfer camp approximately 3/4 to 1mile. Just immediately above gate.
UTM (Zone 11)	714363, 4946879
Legal (Township)	15N
Legal (Range)	18E
Legal (Section)	2
Latitude	44.634
Longitude	114.2989
Date Assessment	6/19/2002
Time	13:25
Observers	J.Hollist, C. Wakefield, D.Webster
Length	50
Width 1	2.2
Width 2	1.5
Width 3	1.7
Width 4	1.9
Air Temperature	26
Water Temperature	11
pH	9.16
Conductivity	30
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	
Species 2	
Species 3	
Species 4	**Cutthroat T.**
Species 5	
Species 6	**CtxRb Hyd**
Nongame Fish Present	**Sculpin**
Comments	

Pass #1

Cutthroat T.	CtxRb Hyd
204	169
203	160
198	158
152	156
135	153
115	142
112	141
	137
	122
	115
	112
	110
	109
	99
	96
	93
	78
	75
	72
	67
	67
	67
	67
	65

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

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59

Site Code	**81**
Tracking Code	2002-N-16
Ranger District	Challis
Watershed	Upper Salmon
Stream	Unnamed Tributary to Challis Creek
Site Description	Site is above private boundary fence above Mosquito Flats.
UTM (Zone 11)	702688, 4930821
Legal (Township)	14N
Legal (Range)	17E
Legal (Section)	34
Latitude	44.5042
Longitude	114.4503
Date Assessment	7/1/2002
Time	16:30
Observers	D.Webster, M.Haroldsen, P.Wanstrom, J.Hollist
Length of Stream Reviewed	50
Transect	Width
1	0.5
2	0.4
3	0.3
Air Temperature	22
Water Temperature	8
pH	8.49
Conductivity	110
Sampling Method	Visual
DETERMINATION:	Perennial Flow - No Suitable Fish Habitat - No Additional Sampling Needed
Comments	Below culvert stream channel is dry. Measuring discharge nearly impossible.

Site Code	**82**
Tracking Code	2002-N-17
Ranger District	Challis
Watershed	Upper Salmon
Stream	Unnamed tributary to Challis Creek
Site Description	Site is located 0.3 miles from private fence
UTM (Zone 11)	702212, 4930691
Legal (Township)	14N
Legal (Range)	17E
Legal (Section)	33
Latitude	44.5037
Longitude	114.4571
Date Assessment	7/2/2002
Time	12:50
Observers	J.Hollist, D.Webster, P.Wanstrom, M.Haroldsen
Length	50
Width 1	1.5
Width 2	1.6
Width 3	1
Width 4	1.8
Air Temperature	26.7
Water Temperature	10.2
pH	8.74
Conductivity	30
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	3
Number of Passes	1
Species 1	
Species 2	
Species 3	**Brook T.**
Species 4	
Species 5	
Species 6	**CtxRb Hyd**
Nongame Fish Present	None
Comments	

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Pass #1

Brook T.	CtxRb Hyd
258	120
91	108
75	84
64	58

Site Tracking Code	**83**
Tracking Code	2002-N-18
Ranger District	Challis
Watershed	Upper Salmon
Stream	Unnamed Tributary to Challis Creek
Site Description	Unnamed Tributary to Challis Creek
UTM (Zone 11)	701572, 4930675
Legal (Township)	-
Legal (Range)	-
Legal (Section)	-
Latitude	443011.5
Longitude	114 2751.75
Date Assessment	7/2/2002
Time	-
Observers	J.Hollist, P.Wanstrom, D.Webster, C.Wakefield
Length of Stream Reviewed	-
Transect	Width
1	-
2	-
3	-
4	-
5	-
6	-
7	-
8	-
9	-
10	-
Air Temperature	-
Water Temperature	-
pH	-
Conductivity	-
Sampling Method	Visual
DETERMINATION:	No Perennial Flow - No Additional Work Needed
Comments	Dry Channel.

Site Code	**84**
Tracking Code	2002-N-19
Ranger District	Challis
Watershed	Upper Salmon
Stream	Unnamed Tributary to Challis Creek
Site Description	
UTM (Zone 11)	700172, 4930863
Legal (Township)	14N
Legal (Range)	17E
Legal (Section)	32
Latitude	44.5063
Longitude	114.4819
Date Assessment	7/2/2002
Time	10:51
Observers	D.Webster
Length of Stream Reviewed	100
Transect	Width
1	1.5
2	3
3	2
4	4
5	2
Air Temperature	15

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Water Temperature	5.9
pH	8.05
Conductivity	20
Sampling Method	Visual
DETERMINATION:	Perennial Flow - No Suitable Fish Habitat - No Additional Sampling Needed
Comments	GPS was taken from the road parallel from the tributary.

Site Code	**85**
Tracking Code	2002-N-20
Ranger District	Challis
Watershed	Upper Salmon
Stream	Unnamed Tributary to Challis Creek
Site Description	
UTM (Zone 11)	699872, 4931045
Legal (Township)	14N
Legal (Range)	17E
Legal (Section)	32
Latitude	44.507
Longitude	114.4856
Date Assessment	7/2/2002
Time	10:25
Observers	D.Webster
Length of Stream Reviewed	100
Transect	Width
	-
Air Temperature	16.4
Water Temperature	5.5
pH	7.85
Conductivity	20
Sampling Method	Visual
DETERMINATION:	Perennial Flow - No Suitable Fish Habitat - No Additional Sampling Needed
Comments	No Fish.

Site Code	**86**
Tracking Code	2002-N-21
Ranger District	Challis
Watershed	Upper Salmon
Stream	Challis Creek
Site Description	Site begins approximately 500m above confluence at the end of the road to Challis Lakes.
UTM (Zone 11)	699446, 4931710
Legal (Township)	14N
Legal (Range)	17E
Legal (Section)	29
Latitude	44.5131
Longitude	114.4907
Date Assessment	7/2/2002
Time	9:20
Observers	J.Hollist, P.Wanstrom, M.Haroldsen
Length	100
Width 1	2.4
Width 2	2.7
Width 3	1.5
Width 4	2
Air Temperature	11.2
Water Temperature	5.6
pH	8.12
Conductivity	10
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	2
Number of Passes	2
Species 1	
Species 2	**Bull T.**
Species 3	**Brook T.**

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Species 4	
Species 5	
Species 6	**CtxRb Hyd**
Nongame Fish Present	None
Comments	

Pass #1

Bull T.	Brook T.	CtxRb Hyd
157	236	140
157	90	135
121		105
103		97
102		
100		
92		

Pass #2

Bull T.	Brook T.	CtxRb Hyd
205		
188		
122		
117		
113		
111		
88		
78		

Site Code	**87**
Tracking Code	2002-N-22
Ranger District	Challis
Watershed	Upper Salmon
Stream	Unnamed Tributary to Challis Creek
Site Description	Above natural barrier approximately 800m above road. Park at the end of road to Challis Lakes.
UTM (Zone 11)	699684, 4932034
Legal (Township)	14N
Legal (Range)	17E
Legal (Section)	20
Latitude	44.51594
Longitude	114.48759
Date Assessment	7/11/2002
Time	9:41
Observers	J.Hollist, P.Wanstrom, D.Webster, C.Wakefield
Length	64.9
Width 1	2.4
Width 2	3
Width 3	2.2
Width 4	2.8
Width 5	5.2
Air Temperature	12.5
Water Temperature	5.6
pH	
Conductivity	
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	
Species 2	
Species 3	
Species 4	
Species 5	
Species 6	**CtxRb Hyd**
Nongame Fish Present	None
Comments	

Pass #1

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

CtxRb Hyd
283

Site Code	**88**
Tracking Code	2002-N-23
Ranger District	Challis
Watershed	Upper Salmon
Stream	Unnamed Tributary to Challis Creek
Site Description	
UTM (Zone 11)	699644, 4931227
Legal (Township)	14N
Legal (Range)	17E
Legal (Section)	29
Latitude	44.5087
Longitude	114.4884
Date Assessment	7/2/2002
Time	10:12
Observers	D.Webster
Length of Stream Reviewed	50
Transect	Width
1	0.3
2	0.1
3	0.4
4	0.2
5	0.3
Air Temperature	15.6
Water Temperature	10.3
pH	8.58
Conductivity	20
Sampling Method	Visual
DETERMINATION:	Perennial Flow - No Suitable Fish Habitat - No Additional Sampling Needed
Comments	No Fish observed.

Site Code	**89**
Tracking Code	2002-N-24A
Ranger District	Challis
Watershed	Upper Salmon
Stream	Challis Creek
Site Description	Site is located 10m upstream of culvert on first road crossing below Mosquito Flat Reservoir.
UTM (Zone 11)	704953, 4933683
Legal (Township)	14N
Legal (Range)	17E
Legal (Section)	23
Latitude	44.531
Longitude	114.418
Date Assessment	9/11/2002
Time	10:15
Observers	S. Moss, C. Wakefield, M. Haroldsen, C. Wilkie, M. Hill
Length	50
Width 1	3.4
Width 2	4.5
Width 3	4.4
Width 4	3.3
Air Temperature	16.5
Water Temperature	9.7
pH	8.97
Conductivity	50
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	4
Number of Passes	2
Species 1	**Rainbow T.**
Species 2	
Species 3	**Brook T.**

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Species 4	**Cutthroat T.**
Species 5	
Species 6	**CtxRb Hyd**
Nongame Fish Present	**Sculpin**
Comments	

Pass #1

Rainbow T.	Brook T.	Cutthroat T.	CtxRb Hyd
315			215
168			205
164			197
164			196
164			175
163			174
163			146
161			145
160			143
156			141
155			113
152			

Pass #2

Rainbow T.	Brook T.	Cutthroat T.	CtxRb Hyd
165	170	225	121
161			
159			
151			

Site Code	**90**
Tracking Code	2002-N-24
Ranger District	Challis
Watershed	Upper Salmon
Stream	Challis Creek
Site Description	Site begins where road crosses stream the first time below Mosquito Flats.
UTM (Zone 11)	705162, 4933879
Legal (Township)	14N
Legal (Range)	17E
Legal (Section)	23
Latitude	
Longitude	
Date Assessment	7/2/2002
Time	14:20
Observers	J.Hollist, P.Wanstrom, D.Webster, M.Haroldsen
Length	50
Width 1	4.9
Width 2	5
Width 3	5.1
Width 4	4.2
Air Temperature	28.5
Water Temperature	18.3
pH	7.88
Conductivity	30
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	3
Number of Passes	1
Species 1	**Rainbow T.**
Species 2	
Species 3	
Species 4	
Species 5	
Species 6	**CtxRb Hyd**
Nongame Fish Present	**Sculpin**
Comments	

Pass #1

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Rainbow T.	CtxRb Hyd
330	155
172	
123	
116	
113	

Site Code	**91**
Tracking Code	2002-N-25
Ranger District	Challis
Watershed	Upper Salmon
Stream	Lodgepole Creek
Site Description	Site is located 100-200m above where Challis Creek road crosses Lodge Pole Creek.
UTM (Zone 11)	705660, 4934939
Legal (Township)	14N
Legal (Range)	17E
Legal (Section)	13
Latitude	44.5371
Longitude	114.4182
Date Assessment	7/3/2002
Time	9:30
Observers	J.Pyron, S.Moss, C.Wakefield
Length	83
Width 1	1.8
Width 2	2.4
Width 3	2.7
Width 4	2
Width 5	5.5
Width 6	4.1
Width 7	2.1
Air Temperature	20
Water Temperature	7
pH	
Conductivity	
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	
Species 2	**Bull T.**
Species 3	
Species 4	
Species 5	
Species 6	**CtxRb Hyd**
Nongame Fish Present	None
Comments	

Pass #1

Bull T.	CtxRb Hyd
184	129
132	119
124	110
123	110
122	
120	
117	
114	
109	
109	
98	
84	
82	
82	
78	
78	
75	
75	

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

74
74
74
73
72
72
71
67

Site Code	**92**
Tracking Code	2002-N-26
Ranger District	Challis
Watershed	Upper Salmon
Stream	Unnamed Tributary to Challis Creek
Site Description	Site is located approx. 200m upstream/uphill from where road crosses stream bed.
UTM (Zone 11)	706530, 4935868
Legal (Township)	14N
Legal (Range)	17E
Legal (Section)	12
Latitude	44.5485
Longitude	114.4
Date Assessment	7/3/2002
Time	
Observers	S.Moss, C.Wakefield
Length of Stream Reviewed	100
Transect	Width
Air Temperature	25
Water Temperature	
pH	
Conductivity	
Sampling Method	Visual
DETERMINATION:	No Perennial Flow - No Additional Work Needed
Comments	Channel is dry.

Site Code	**93**
Tracking Code	2002-N-29
Ranger District	Challis
Watershed	Upper Salmon
Stream	Challis Creek
Site Description	Site is located 1-3 miles above Bear Creek.
UTM (Zone 11)	706609, 4935626
Legal (Township)	14N
Legal (Range)	18E
Legal (Section)	13
Latitude	44.5463
Longitude	114.3991
Date Assessment	7/3/2002
Time	9:00
Observers	J.Hollist, P.Wanstrom, D.Webster, M.Haroldsen
Length	100
Width 1	3.5
Width 2	4
Width 3	6.5
Width 4	4.2
Air Temperature	23.3
Water Temperature	11.6
pH	8.2
Conductivity	30
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	3
Number of Passes	4
Species 1	**Rainbow T.**
Species 2	**Bull T.**
Species 3	**Brook T.**

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Species 4	
Species 5	
Species 6	**CtxRb Hyd**
Nongame Fish Present	**Sculpin**
Comments	

Pass #1

Rainbow T.	Bull T.	Brook T.	CtxRb Hyd
269		141	232
183		111	210
158		111	192
102		43	192
			171
			165
			161
			159
			147
			139
			99
			98
			85
			84
			80

Pass #2

Rainbow T.	Bull T.	Brook T.	CtxRb Hyd
		189	215
		130	181
		119	160
		119	123
		115	123
		112	117
		40	112
			101
			100
			93
			82

Pass #3

Rainbow T.	Bull T.	Brook T.	CtxRb Hyd
296	159	139	223
		126	190
		115	182
			179
			95

Pass #4

Rainbow T.	Bull T.	Brook T.	CtxRb Hyd
307			110
297			

Site Code	**94**
Tracking Code	2002-N-30
Ranger District	Challis
Watershed	Upper Salmon
Stream	Challis Creek
Site Description	Site is located approximately 5m above hobo t-post above Bear Creek.
UTM (Zone 11)	709356, 4938168
Legal (Township)	15N
Legal (Range)	18E
Legal (Section)	5
Latitude	44.5688
Longitude	114.3643
Date Assessment	7/2/2002
Time	
Observers	J.Hollist, M.Haroldsen, P.Wanstrom, D.Webster
Length	100

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Width 1	5.4
Width 2	7
Width 3	4
Width 4	7.8
Air Temperature	29.5
Water Temperature	18.3
pH	7.97
Conductivity	40
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	3
Number of Passes	1
Species 1	**Rainbow T.**
Species 2	
Species 3	
Species 4	
Species 5	
Species 6	
Nongame Fish Present	**Sculpin**
Comments	

Pass #1

Rainbow T.

180
162
130
115

Site Code	**95**
Tracking Code	2002-N-31
Ranger District	Challis
Watershed	Upper Salmon
Stream	Cold spring Gulch
Site Description	m up Bear creek road 086.
UTM (Zone 11)	706091, 4939378
Legal (Township)	15N
Legal (Range)	17E
Legal (Section)	36
Latitude	44.5801
Longitude	114.4053
Date Assessment	7/8/2002
Time	16:15
Observers	J.Hollist, D.Webster, C.Wakefield, P.Wanstrom
Length of Stream Reviewed	50
Transect	Width
1	0.8
2	1.2
3	1.1
4	1.4
5	1.1
6	2
7	1.4
8	0.9
Air Temperature	22.7
Water Temperature	8
pH	8.24
Conductivity	20
Sampling Method	Visual
DETERMINATION:	Perennial Flow - No Suitable Fish Habitat - No Additional Sampling Needed
Comments	GPS position is taken from a centralized location in between the two forks.

Site Code	**96**
Tracking Code	2002-N-32
Ranger District	Challis
Watershed	Upper Salmon
Stream	Spring Gulch
Site Description	Approximately where the road makes a sharp turn next to Spring Gulch Creek.

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

UTM (Zone 11)	704842, 4940229
Legal (Township)	15N
Legal (Range)	17E
Legal (Section)	35
Latitude	
Longitude	
Date Assessment	7/8/2002
Time	15:40
Observers	J.Pyron, S.Moss, S.Mangan
Length	65
Width 1	1.8
Width 2	2
Width 3	0.8
Width 4	1.5
Width 5	1.4
Width 6	1.8
Width 7	1.1
Air Temperature	19
Water Temperature	6
pH	
Conductivity	
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	
Species 2	
Species 3	
Species 4	
Species 5	
Species 6	
Nongame Fish Present	None
Comments	No fish present

Site Code	**97**
Tracking Code	2002-N-33
Ranger District	Challis
Watershed	Upper Salmon
Stream	Bear Creek
Site Description	Site begins approximately 60m below bridge crossing. Take Bear Creek road 86m to road crossing, site begins at second road crossing.
UTM (Zone 11)	704941, 4939587
Legal (Township)	15N
Legal (Range)	17E
Legal (Section)	35
Latitude	44.5824
Longitude	114.4185
Date Assessment	7/8/2002
Time	9:10
Observers	J.Hollist, D.Webster, C.Wakefield, P.Wanstrom
Length	50
Width 1	2.1
Width 2	2.2
Width 3	2.4
Width 4	2.6
Width 5	1.9
Width 6	2.5
Width 7	2.2
Air Temperature	10.2
Water Temperature	4.7
pH	8.5
Conductivity	10
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	3
Number of Passes	1

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Species 1	
Species 2	
Species 3	
Species 4	
Species 5	
Species 6	
Nongame Fish Present	None
Comments	No fish observed in sample site.

Site Code	**98**
Tracking Code	2002-N-34
Ranger District	Challis
Watershed	Upper Salmon
Stream	Lang Gulch
Site Description	Site is located nearly directly across from cold spring gulch
UTM (Zone 11)	706104, 4939235
Legal (Township)	15N
Legal (Range)	17E
Legal (Section)	1
Latitude	44.5792
Longitude	114.4048
Date Assessment	7/8/2002
Time	16:30
Observers	J.Hollist, C.Wakefield, P.Wanstrom, D.Webster
Length of Stream Reviewed	50
Transect	Width
1	0.6
2	0.73
3	0.5
4	0.5
Air Temperature	23.5
Water Temperature	5.7
pH	8.24
Conductivity	20
Sampling Method	Visual
DETERMINATION:	Perennial Flow - No Suitable Fish Habitat - No Additional Sampling Needed
Comments	GPS position is taken from a centralized location in between the two forks.

Site Code	**99**
Tracking Code	2002-N-35
Ranger District	Challis
Watershed	Upper Salmon
Stream	Armison Gulch
Site Description	Armison Gulch sign is on the left side of road when driving down hill park there and cross stream.
UTM (Zone 11)	705479, 4939183
Legal (Township)	15N
Legal (Range)	17E
Legal (Section)	2
Latitude	44.5792
Longitude	114.4123
Date Assessment	7/8/2002
Time	15:42
Observers	J.Hollist, C.Wakefield, D.Webster, P.Wanstrom
Length of Stream Reviewed	-
Transect	Width
1	4.5
2	5.2
3	4.1
4	6.2
5	5.7
6	6.7
7	1
Air Temperature	21.3
Water Temperature	7.3
pH	8.53
Conductivity	10

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Sampling Method	Visual
DETERMINATION:	Perennial Flow - No Suitable Fish Habitat - No Additional Sampling Needed
Comments	GPS position is taken from a centralized location in between the two forks.

Site Code	**100**
Tracking Code	2002-N-36
Ranger District	Challis
Watershed	Upper Salmon
Stream	Unnamed tributary to Bear Creek
Site Description	Site is located on the south slope across Bear Creek approximately m from the fork where Bear Creek Rd. diverges from Challis Cr. Road.
UTM (Zone 11)	707614, 4938772
Legal (Township)	14N
Legal (Range)	18E
Legal (Section)	6
Latitude	44.5743
Longitude	114.3852
Date Assessment	7/9/2002
Time	10:10
Observers	J.Hollist, C.Wakefield, D.Webster, P.Wanstrom
Length of Stream Reviewed	100
Transect	Width
	-
Air Temperature	21.5
Water Temperature	
pH	
Conductivity	
Sampling Method	Visual
DETERMINATION:	No Perennial Flow - No Additional Work Needed
Comments	GPS position is taken from a centralized location in between the two forks.

Site Code	**101**
Tracking Code	2002-N-37
Ranger District	Challis
Watershed	Upper Salmon
Stream	Twinn Creek
Site Description	Approximately 20m upstream of where road crosses stream.
UTM (Zone 11)	703424, 4939274
Legal (Township)	15N
Legal (Range)	17E
Legal (Section)	34
Latitude	44.5757
Longitude	114.439
Date Assessment	7/8/2002
Time	14:30
Observers	J.Pyron, S.Moss, S.Mangan
Length	91.2
Width 1	2.6
Width 2	1.6
Width 3	2
Width 4	1.5
Width 5	1.6
Width 6	1.8
Width 7	1.4
Air Temperature	21
Water Temperature	8
pH	
Conductivity	
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	2
Number of Passes	1

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Species 1	
Species 2	
Species 3	
Species 4	**Cutthroat T.**
Species 5	
Species 6	
Nongame Fish Present	**None**
Comments	

Pass #1

Cutthroat T.

119
118
111

Site Code	**102**
Tracking Code	2002-N-38
Ranger District	Challis
Watershed	Upper Salmon
Stream	Bear Creek
Site Description	Take road 086 1.1m up road from where it forks with road 536. Park and follow old skidder road down to creek.
UTM (Zone 11)	702884, 4940334
Legal (Township)	15N
Legal (Range)	17E
Legal (Section)	34
Latitude	
Longitude	
Date Assessment	7/8/2002
Time	14:25
Observers	J.Hollist, C.Wakefield, P.Wanstrom, D.Webster
Length	52
Width 1	3.2
Width 2	2.2
Width 3	1.9
Width 4	2.3
Air Temperature	18.9
Water Temperature	7.1
pH	8.63
Conductivity	10
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	3
Number of Passes	1
Species 1	
Species 2	
Species 3	
Species 4	
Species 5	
Species 6	
Nongame Fish Present	None
Comments	Habitat present for fish however, in the 50m of stream shocked no fish were shocked.

Site Code	**103**
Tracking Code	2002-N-39
Ranger District	Challis
Watershed	Upper Salmon
Stream	Pats Creek
Site Description	Site ends adjacent to cattle guard on road and extends 27.7m downstream.
UTM (Zone 11)	710525, 4940189
Legal (Township)	15N
Legal (Range)	18E
Legal (Section)	33
Latitude	
Longitude	

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Date Assessment	7/3/2002
Time	14:45
Observers	J.Pyron, S.Moss, C.Wakefield
Length	27.7
Width 1	1
Width 2	1.2
Width 3	1.1
Width 4	1
Width 5	0.8
Width 6	0.7
Width 7	0.9
Width 8	
Width 9	
Width 10	
Air Temperature	
Water Temperature	
pH	
Conductivity	
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	1
Number of Passes	1
Species 1	
Species 2	
Species 3	
Species 4	
Species 5	
Species 6	**CtxRb Hyd**
Nongame Fish Present	None
Comments	

Pass #1

CtxRb Hyd
84
82
80

Site Code	**104**
Tracking Code	2002-N-40
Ranger District	Challis
Watershed	Upper Salmon
Stream	Pats Creek
Site Description	50m above confluence.
UTM (Zone 11)	710531, 4941468
Legal (Township)	15N
Legal (Range)	18E
Legal (Section)	28
Latitude	44.5977
Longitude	114.3486
Date Assessment	7/3/2002
Time	15:40
Observers	D.Webster, M.Haroldsen
Length of Stream Reviewed	50
Transect	Width
1	0.475
2	0.55
3	0.725
4	0.6
Air Temperature	33.3
Water Temperature	10.6
pH	7.9
Conductivity	80
Sampling Method	Visual
DETERMINATION:	Perennial Flow - No Suitable Fish Habitat - No Additional Sampling Needed
Comments	GPS position is taken from a centralized location in between the two forks.

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Site Code	**105**
Tracking Code	2002-N-41
Ranger District	Challis
Watershed	Upper Salmon
Stream	Pats Creek
Site Description	50m above confluence.
UTM (Zone 11)	710459, 4941453
Legal (Township)	15N
Legal (Range)	18E
Legal (Section)	29
Latitude	44.5975
Longitude	114.3486
Date Assessment	7/3/2002
Time	15:40
Observers	P.Wanstrom, J.Hollist
Length of Stream Reviewed	50
Transect	Width
1	0.5
2	0.9
3	0.5
4	0.6
Air Temperature	33.3
Water Temperature	16.1
pH	8.43
Conductivity	60
Sampling Method	Visual
DETERMINATION:	Perennial Flow - No Suitable Fish Habitat - No Additional Sampling Needed
Comments	GPS position is taken from a centralized location in between the two forks.

Site Code	**106**
Tracking Code	2002-N-42
Ranger District	Challis
Watershed	Upper Salmon
Stream	Challis Creek
Site Description	Site is located approximately 300m downstream from the outflow on the backside of Mosquito Flat Reservoir.
UTM (Zone 11)	703858, 4933081
Legal (Township)	14N
Legal (Range)	17E
Legal (Section)	23
Latitude	44.5242
Longitude	114.4445
Date Assessment	9/11/2002
Time	13:30
Observers	C. Wakefield, M. Haroldsen, S. Moss, M. Hill, C. Wilkie
Length	110
Width 1	4.5
Width 2	2.9
Width 3	3.3
Width 4	6.7
Width 5	4.1
Air Temperature	21
Water Temperature	12
pH	8.59
Conductivity	50
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	4
Number of Passes	3
Species 1	**Rainbow T.**
Species 2	
Species 3	**Brook T.**
Species 4	
Species 5	
Species 6	**CtxRb Hyd**
Nongame Fish Present	None
Comments	

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Pass #1

Rainbow T.	Brook T.	CtxRb Hyd
249	247	300
232	244	250
230	181	235
225	170	230
225	165	221
224		217
221		216
221		215
220		210
220		209
219		204
217		185
210		185
210		
210		
210		
202		
190		
190		
189		
180		
175		
161		
121		
121		
116		
114		
111		
110		
110		
102		
101		
101		
101		
100		
100		
98		
95		
91		
90		
90		
88		
82		
80		
77		
75		

Pass #2

Rainbow T.	Brook T.	CtxRb Hyd
240	260	262
235		230
230		212
216		
215		
215		
205		
204		
200		
121		
115		
112		
112		
110		
110		
110		
110		
107		

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

107
106
105
105
100
100
100
95
95
90
85
76
75
75
70
70
59

Pass #3

Rainbow T.	Brook T.	CtxRb Hyd
227		192
226		66
207		
105		
103		
89		
75		
72		
71		
65		
63		

Site Code	**107**
Tracking Code	2002-N-45
Ranger District	Challis
Watershed	Upper Salmon
Stream	Mill Creek
Site Description	Above private property.
UTM (Zone 11)	709970, 4931558
Legal (Township)	14N
Legal (Range)	18E
Legal (Section)	29
Latitude	44.5064
Longitude	114.3593
Date Assessment	7/10/2002
Time	10:00
Observers	J.Pyron, S.Mangan, S.Moss, M.Haroldsen
Length	80.6
Width 1	4.2
Width 2	4.1
Width 3	4.4
Width 4	3.3
Width 5	4.5
Air Temperature	22
Water Temperature	10
pH	
Conductivity	
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	3
Number of Passes	3
Species 1	.
Species 2	**Bull T.**
Species 3	
Species 4	**Cutthroat T.**
Species 5	
Species 6	**CtxRb Hyd**
Nongame Fish Present	None

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Comments

Pass #1

Bull T.	Cutthroat T.	CtxRb Hyd
137	240	230
	235	215
	186	214
	175	191
	158	173
		164
		158
		157
		152
		134
		131
		102
		98
		95
		88
		86
		64

Pass #2

Bull T.	Cutthroat T.	CtxRb Hyd
		165
		160
		136
		134
		85
		82
		66
		63

Pass #3

Bull T.	Cutthroat T.	CtxRb Hyd
		130
		87

Site Code	**108**
Tracking Code	2002-N-50
Ranger District	Challis
Watershed	Upper Salmon
Stream	Unnamed tributary to Mill Creek
Site Description	Above private on Mill Creek. Approximately 75m above the road.
UTM (Zone 11)	708611, 4931989
Legal (Township)	14N
Legal (Range)	18E
Legal (Section)	30
Latitude	44.5082
Longitude	114.3813
Date Assessment	7/9/2002
Time	13:30
Observers	J.Pyron, S.Moss
Length of Stream Reviewed	20
Transect	Width
1	0.5
2	0.6
3	0.5
Air Temperature	27
Water Temperature	10
pH	
Conductivity	
Sampling Method	Visual
DETERMINATION:	Perennial Flow - No Suitable Fish Habitat - No Additional Sampling Needed
Comments	Intermittent flow; sinks before flowing into Mill Creek.

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Site Code	**109**
Tracking Code	2002-N-51
Ranger District	Challis
Watershed	Upper Salmon
Stream	Unnamed tributary to Mill Creek
Site Description	Above private road approximately 40m above the road.
UTM (Zone 11)	709029, 4932120
Legal (Township)	14N
Legal (Range)	18E
Legal (Section)	29
Latitude	44.5082
Longitude	114.3764
Date Assessment	7/9/2002
Time	13:00
Observers	J.Pyron, S.Moss
Length of Stream Reviewed	0
Transect	Width
	-
Air Temperature	26
Water Temperature	
pH	
Conductivity	
Sampling Method	Visual
DETERMINATION:	No Perennial Flow - No Additional Work Needed
Comments	Intermittent flow; sinks before flowing into Mill Creek.

Site Code	**110**
Tracking Code	2002-N-52
Ranger District	Challis
Watershed	Upper Salmon
Stream	Mill Creek
Site Description	Below campground
UTM (Zone 11)	703684, 4927533
Legal (Township)	13N
Legal (Range)	17E
Legal (Section)	10
Latitude	44.4703
Longitude	114.4456
Date Assessment	7/10/2002
Time	12:00
Observers	J.Pyron, S.Moss, S.Mangan, M.Haroldsen
Length	100
Width 1	4.4
Width 2	2.8
Width 3	4
Width 4	3.7
Width 5	3.3
Width 6	6.1
Air Temperature	26
Water Temperature	9
pH	8.24
Conductivity	30
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	3
Number of Passes	3
Species 1	.
Species 2	**Bull T.**
Species 3	
Species 4	**Cutthroat T.**
Species 5	
Species 6	**CtxRb Hyd**
Nongame Fish Present	None
Comments	YOY 44-CTxRB hybrid.

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Pass #1

Bull T.	Cutthroat T.	CtxRb Hyd
186	214	220
172		110
166		90
160		89
135		80
135		
134		
134		
132		
129		
127		
122		
115		
114		
111		
110		
109		
104		
104		
98		
88		
85		
84		
84		
83		
83		
83		
81		
76		
75		
61		
58		
57		
57		

Pass #2

Bull T.	Cutthroat T.	CtxRb Hyd
142	167	88
111		
105		
104		
103		
101		
100		
96		
91		
86		
85		
80		
80		
77		
74		
59		
51		

Pass #3

Bull T.	Cutthroat T.	CtxRb Hyd
155		90
140		
83		
83		

Site Code	**111**
Tracking Code	2002-N-53
Ranger District	Challis
Watershed	Upper Salmon

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Stream	Mill Creek
Site Description	Approximately 1 mile below campground
UTM (Zone 11)	704849, 4929605
Legal (Township)	14N
Legal (Range)	17E
Legal (Section)	36
Latitude	44.4915
Longitude	114.4211
Date Assessment	7/11/2002
Time	10:00
Observers	J.Pyron, S.Moss, S.Mangan, M.Haroldsen
Length	66
Width 1	3.6
Width 2	3.2
Width 3	2.6
Width 4	4.2
Air Temperature	21
Water Temperature	9
pH	
Conductivity	
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	
Species 2	**Bull T.**
Species 3	
Species 4	**Cutthroat T.**
Species 5	
Species 6	**CtxRb Hyd**
Nongame Fish Present	None
Comments	

Pass #1

Bull T.	Cutthroat T.	CtxRb Hyd
182	179	172
160	170	172
131		163
107		154
102		153
100		140
92		126
		123
		119
		116
		110
		103
		102
		100
		100
		97
		96
		93
		93
		92
		71
		70
		67
		62
		58

Site Code	**112**
Tracking Code	2002-N-54
Ranger District	Challis
Watershed	Upper Salmon
Stream	West Creek
Site Description	Site begins at parallel to cabin.

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

UTM (Zone 11)	705322, 4929548
Legal (Township)	17E
Legal (Range)	14N
Legal (Section)	2
Latitude	
Longitude	
Date Assessment	7/10/2002
Time	17:00
Observers	J.Pyron, J.Hollist, S.Mangan, S.Moss
Length	61.6
Width 1	1.5
Width 2	2.2
Width 3	1.6
Width 4	2
Width 5	1.4
Width 6	2.3
Width 7	1.9
Width 8	1.3
Air Temperature	28
Water Temperature	8
pH	8.29
Conductivity	50
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	
Species 2	Bull T.
Species 3	
Species 4	
Species 5	
Species 6	CtxRb Hyd
Nongame Fish Present	None
Comments	GPS is not logging satellites.

Pass #1

Bull T.	CtxRb Hyd
149	144
146	135
142	126
128	
119	
113	
109	
105	
103	
103	
98	
93	
92	

Site Code	**113**
Tracking Code	2002-N-55
Ranger District	Challis
Watershed	Upper Salmon
Stream	Unnamed tributary to Mill Creek
Site Description	On the south side of Mill Cr. Above private. Approximately 30m above confluence with Mill Cr.
UTM (Zone 11)	706781, 4930421
Legal (Township)	14N
Legal (Range)	17E
Legal (Section)	36
Latitude	44.4962
Longitude	114.4049
Date Assessment	7/9/2002
Time	14:15
Observers	J.Pyron

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Length of Stream Reviewed	46.5
Transect	Width
1	1.3
2	1.4
3	1.1
4	0.8
5	0.6
6	1.2
Air Temperature	25
Water Temperature	7
pH	
Conductivity	
Sampling Method	Visual
DETERMINATION:	Perennial Flow - No Suitable Fish Habitat - No Additional Sampling Needed
Comments	No fish observed. Not adequate water

Site Code	**114**
Tracking Code	2002-N-56
Ranger District	Challis
Watershed	Upper Salmon
Stream	Unnamed tributary to Mill Creek.
Site Description	Approximately 40m above mouth of canyon and confluence.
UTM (Zone 11)	707147, 4930539
Legal (Township)	14N
Legal (Range)	17E
Legal (Section)	36
Latitude	44.4964
Longitude	114.3994
Date Assessment	7/9/2002
Time	12:15
Observers	J.Pyron, S.Moss
Length of Stream Reviewed	69.5
Transect	Width
1	1.5
2	1.2
3	2.2
4	0.7
5	1
6	1.1
7	1.2
8	1.1
9	1.1
10	1
Air Temperature	25
Water Temperature	6
pH	
Conductivity	
Sampling Method	Visual
DETERMINATION:	Perennial Flow - No Suitable Fish Habitat - No Additional Sampling Needed
Comments	Intermittent stream flow through shale slide. Water sinks before entering Mill Creek.

Site Code	**115**
Tracking Code	2002-N-57
Ranger District	Challis
Watershed	Upper Salmon
Stream	Unnamed tributary to Mill Creek
Site Description	On the North side of Mill Creek. Approximately 30m
UTM (Zone 11)	707369, 4931009
Legal (Township)	14N
Legal (Range)	18E
Legal (Section)	36
Latitude	44.4996
Longitude	114.3967
Date Assessment	7/9/2002
Time	13:45
Observers	J.Pyron, S.Moss

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Length of Stream Reviewed	
Transect Width	-
Air Temperature	25
Water Temperature	
pH	
Conductivity	
Sampling Method	Visual
DETERMINATION:	No Perennial Flow - No Additional Work Needed
Comments	No water.

Site Code	**116**
Tracking Code	2002-N-58
Ranger District	Challis
Watershed	Upper Salmon
Stream	Park Creek
Site Description	Adjacent to south east corner of campground below diversion.
UTM (Zone 11)	703711, 4927350
Legal (Township)	13N
Legal (Range)	17E
Legal (Section)	10
Latitude	44.47313
Longitude	114.43961
Date Assessment	7/9/2002
Time	16:33
Observers	J.Pyron, S.Moss, S.Mangan, M.Haroldsen
Length	73.5
Width 1	2
Width 2	2.2
Width 3	2.1
Width 4	0.9
Width 5	1.7
Air Temperature	26
Water Temperature	10
pH	
Conductivity	
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	
Species 2	**Bull T.**
Species 3	
Species 4	**Cutthroat T.**
Species 5	
Species 6	**CtxRb Hyd**
Nongame Fish Present	None
Comments	

Pass #1

Bull T.	Cutthroat T.	CtxRb Hyd
175	245	188
174	225	187
161	182	185
146	180	179
		178
		174
		105
		92

Site Code	**117**
Tracking Code	2002-N-58B
Ranger District	Challis
Watershed	Upper Salmon
Stream	Park Creek
Site Description	Directly above old diversion
UTM (Zone 11)	703815, 4927233

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Legal (Township)	13N
Legal (Range)	17E
Legal (Section)	11
Latitude	44.4713
Longitude	114.43961
Date Assessment	7/11/2002
Time	9:15
Observers	J.Pyron, S.Moss, S.Mangan, M.Haroldsen
Length	43
Width 1	1.7
Width 2	1.4
Width 3	1.3
Width 4	3.2
Width 5	2.6
Width 6	2
Air Temperature	12
Water Temperature	8
pH	
Conductivity	
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	
Species 2	
Species 3	
Species 4	
Species 5	
Species 6	
Nongame Fish Present	None
Comments	No fish found. GPS taken approximately 100m downstream.

Site Code	**118**
Tracking Code	2002-N-59
Ranger District	Challis
Watershed	Upper Salmon
Stream	Unnamed tributary
Site Description	Above Mill Creek campground. Site started where tributary enters Mill Creek and continues upstream 154m.
UTM (Zone 11)	703266, 4926919
Legal (Township)	13N
Legal (Range)	17E
Legal (Section)	10
Latitude	44.465
Longitude	114.4504
Date Assessment	7/9/2002
Time	9:30
Observers	J.Pyron, S.Moss, S.Mangan
Length of Stream Reviewed	154
Transect	Width
1	2
2	1.7
3	1.6
4	1.5
5	1.4
6	2.2
7	1.7
8	1.6
9	2
10	2.6
Air Temperature	9
Water Temperature	4
pH	
Conductivity	
Sampling Method	Visual
DETERMINATION:	Perennial Flow - No Suitable Fish Habitat - No Additional Sampling Needed
Comments	Temps and lat/long were taken approximately 75m above confluence. No fish found. Small cascade at confluence may inhibit fish from invading tributary except for times of high water.

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Site Code	**119**
Tracking Code	2002-N-60
Ranger District	Challis
Watershed	Upper Salmon
Stream	Mill Creek
Site Description	Site is located above waterfall, approximately 2.1 miles above Mill Creek campground.
UTM (Zone 11)	700631, 4926065
Legal (Township)	13N
Legal (Range)	17E
Legal (Section)	17
Latitude	
Longitude	
Date Assessment	7/10/2002
Time	15:30
Observers	J. Hollist, C. Wakefield
Length	50
Width 1	0.7
Width 2	1.3
Width 3	0.9
Width 4	1
Air Temperature	27
Water Temperature	10
pH	8.54
Conductivity	20
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	1
Number of Passes	1
Species 1	
Species 2	
Species 3	
Species 4	
Species 5	
Species 6	
Nongame Fish Present	None
Comments	No satellites logged. No fish observed.

Site Code	**120**
Tracking Code	2002-N-60B
Ranger District	Challis
Watershed	Upper Salmon
Stream	Mill Creek
Site Description	Site is located below waterfalls.
UTM (Zone 11)	701777, 4926226
Legal (Township)	13N
Legal (Range)	17E
Legal (Section)	10
Latitude	
Longitude	
Date Assessment	7/10/2002
Time	16:45
Observers	J. Pyron, J. Hollist, S. Moss, S. Mangan
Length	80.9
Width 1	1.7
Width 2	2.6
Width 3	2
Width 4	2.1
Width 5	3.6
Air Temperature	28
Water Temperature	13
pH	8.03
Conductivity	20

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	
Species 2	**Bull T.**
Species 3	
Species 4	**Cutthroat T.**
Species 5	
Species 6	
Nongame Fish Present	**None**
Comments	No satellites logged.

Pass #1

Bull T.	Cutthroat T.
192	174
149	
141	
135	
134	
125	
119	
119	
117	
114	
105	
102	
102	
100	
100	
92	
87	
81	
81	
77	
76	
76	
57	
52	

Site Code	**121**
Tracking Code	2002-N-62
Ranger District	Challis
Watershed	Upper Salmon
Stream	Keystone Gulch
Site Description	
UTM (Zone 11)	712128, 4925885
Legal (Township)	
Legal (Range)	
Legal (Section)	
Latitude	
Longitude	
Date Assessment	7/2/2002
Time	
Observers	J.Hollist, P.Wanstrum, D.Webster, C.Wakefield
Length of Stream Reviewed	
Transect Width	-
Air Temperature	
Water Temperature	
pH	
Conductivity	
Sampling Method	Visual
DETERMINATION:	No Perennial Flow - No Additional Work Needed
Comments	Dry channel

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Site Code	**122**
Tracking Code	2002-N-63
Ranger District	Challis
Watershed	Upper Salmon
Stream	Merrimack Gulch
Site Description	
UTM (Zone 11)	710767, 4925130
Legal (Township)	
Legal (Range)	
Legal (Section)	
Latitude	
Longitude	
Date Assessment	7/2/2002
Time	
Observers	J.Hollist, P.Wanstrum, D.Webster, C.Wakefield
Length of Stream Reviewed	
Transect Width	-
Air Temperature	
Water Temperature	
pH	
Conductivity	
Sampling Method	Visual
DETERMINATION:	No Perennial Flow - No Additional Work Needed
Comments	Dry channel

Site Code	**123**
Tracking Code	2002-N-64
Ranger District	Challis
Watershed	Upper Salmon
Stream	Bull of the Woods
Site Description	Site is located approximately 200m upstream from confluence with Garden Creek.
UTM (Zone 11)	709356, 4924802
Legal (Township)	13N
Legal (Range)	18E
Legal (Section)	20
Latitude	44.4467
Longitude	114.3733
Date Assessment	7/11/2002
Time	14:30
Observers	J. Pyron, S. Mangan, S. Moss, M. Haroldsen
Length	47
Width 1	3.1
Width 2	2
Width 3	2.6
Width 4	1.4
Width 5	3.3
Air Temperature	28
Water Temperature	9
pH	
Conductivity	
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	
Species 2	
Species 3	
Species 4	
Species 5	
Species 6	
Nongame Fish Present	None
Comments	No fish observed. GPS taken on road near confluence.

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Site Code	**124**
Tracking Code	2002-N-65
Ranger District	Challis
Watershed	Upper Salmon
Stream	North Gulch
Site Description	
UTM (Zone 11)	708171, 4925090
Legal (Township)	
Legal (Range)	
Legal (Section)	
Latitude	
Longitude	
Date Assessment	7/2/2002
Time	
Observers	J.Hollist, P.Wanstrum, D.Webster, C.Wakefield
Length of Stream Reviewed	
Transect Width	-
Air Temperature	
Water Temperature	
pH	
Conductivity	
Sampling Method	Visual
DETERMINATION:	No Perennial Flow - No Additional Work Needed
Comments	Dry channel

Site Code	**125**
Tracking Code	2002-N-66
Ranger District	Challis
Watershed	Upper Salmon
Stream	Garden Creek
Site Description	Park at North Gulch sign. Hike down to creek.
UTM (Zone 11)	708428, 4924998
Legal (Township)	13N
Legal (Range)	18E
Legal (Section)	17
Latitude	44.44893
Longitude	114.38206
Date Assessment	7/11/2002
Time	14:12
Observers	J. Hollist, D. Webster, P. Wanstrom, C. Wakefield
Length	100
Width 1	5.2
Width 2	6.3
Width 3	5
Width 4	6.5
Width 5	4.8
Air Temperature	28.7
Water Temperature	11.3
pH	
Conductivity	
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	3
Number of Passes	4
Species 1	
Species 2	**Bull T.**
Species 3	
Species 4	
Species 5	
Species 6	
Nongame Fish Present	None
Comments	Population estimate.

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Pass #1

Bull T.
229
212
207
197
176
172
165
155
151
140
139
135
130
129
127
123
120
112
110
110
107
107
102
100
100
99
99
97
96
95
95
93
91
90
75
71
71
69
67
65
65
62
62

Pass #2

Bull T.
190
187
172
167
133
125
109
107
105
105
98
89
65
64
62
60

Pass #3

Bull T.
173
153
130

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

106
105
105
98
93
84
69
68
66
66
65

Pass #4
Bull T.
119
94
93
92
85
64
61

Site Code	**126**
Tracking Code	2002-N-67
Ranger District	Challis
Watershed	Upper Salmon
Stream	Spruce Gulch
Site Description	Park below switchback to Buster Lake. Forest Service sign indicates where Spruce Gulch is located. Site is located approximately 600m above confluence with Garden Creek.
UTM (Zone 11)	707501, 4923958
Legal (Township)	13N
Legal (Range)	17E
Legal (Section)	19
Latitude	44.44111
Longitude	114.39257
Date Assessment	7/10/2002
Time	10:00
Observers	J.Hollist, D.Webster, P.Wanstrum, C.Wakefield
Length	50
Width 1	2.1
Width 2	1.7
Width 3	2.2
Width 4	3.1
Width 5	2.9
Width 6	2.2
Width 7	2.6
Air Temperature	24.8
Water Temperature	8.3
pH	8.52
Conductivity	60
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	
Species 2	**Bull T.**
Species 3	
Species 4	
Species 5	
Species 6	
Nongame Fish Present	None
Comments	

Pass #1
Bull T.
161
159

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

150
146
140
127
124
120
120
115
92
90
89
86
85
61

Site Code	**127**
Tracking Code	2002-N-68
Ranger District	Challis
Watershed	Upper Salmon
Stream	Buster Lake
Site Description	Site is located on outlet to Buster Lake, slightly below HGR.
UTM (Zone 11)	705957, 4924097
Legal (Township)	13N
Legal (Range)	17E
Legal (Section)	24
Latitude	
Longitude	
Date Assessment	7/9/2002
Time	16:11
Observers	J. Hollist, D. Webster, P. Wanstrom, C. Wakefield
Length	50
Width 1	2.4
Width 2	1.3
Width 3	1.7
Width 4	2.2
Air Temperature	25
Water Temperature	16.6
pH	8.25
Conductivity	80
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	3
Number of Passes	1
Species 1	
Species 2	
Species 3	**Brook T.**
Species 4	
Species 5	
Species 6	
Nongame Fish Present	None
Comments	GPS is not logging.

Pass #1

Brook T.
160
121
116
116
115
110
96

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Site Code	**128**
Tracking Code	2002-N-69
Ranger District	Challis
Watershed	Upper Salmon
Stream	Buster Lake
Site Description	Sites are located on the two inlets to Buster Lake. Drive road 069 to Buster Lake. Park at end of road and shock inlets.
UTM (Zone 11)	705568, 4923807
Legal (Township)	13N
Legal (Range)	18E
Legal (Section)	23
Latitude	44.4403
Longitude	114.4169
Date Assessment	7/9/2002
Time	13:15
Observers	J. Hollist, P. Wanstrom, D. Webster, C. Wakefield
Length	50
Width 1	2.5
Width 2	1.7
Width 3	1.5
Width 4	2.3
Width 5	1.9
Width 6	2.5
Width 7	1.5
Air Temperature	21.2 & 27.3
Water Temperature	9.8 & 10.5
pH	8.41 & 8.55
Conductivity	80 & 100
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	3
Number of Passes	1
Species 1	**Rainbow T.**
Species 2	
Species 3	
Species 4	
Species 5	
Species 6	
Nongame Fish Present	None
Comments	There are two inlets to Buster Lake. Both were sampled, however fish were only observed in one of the outlets.

Pass #1

Rainbow T.

65

Site Code	**129**
Tracking Code	2002-N-70
Ranger District	Challis
Watershed	Upper Salmon
Stream	Garden Creek
Site Description	Site is located above Spruce Gulch approximately 200m.
UTM (Zone 11)	706952, 4923873
Legal (Township)	13N
Legal (Range)	17E
Legal (Section)	24
Latitude	
Longitude	
Date Assessment	7/11/2002
Time	12:45
Observers	J. Pyron, S. Moss, S. Mangan, M. Haroldsen
Length	57
Width 1	4
Width 2	2.3
Width 3	2.6
Width 4	5.2

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Air Temperature	35
Water Temperature	11
pH	8.43
Conductivity	
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	3
Number of Passes	1
Species 1	
Species 2	**Bull T.**
Species 3	
Species 4	**Cutthroat T.**
Species 5	
Species 6	**CtxRb Hyd**
Nongame Fish Present	None
Comments	

Pass #1

Bull T.	Cutthroat T.	CtxRb Hyd
142	126	158
	118	157
	116	148
		125
		118
		118
		112
		105
		85
		82
		78
		77

Site Code	**130**
Tracking Code	2002-N-71
Ranger District	Challis
Watershed	Upper Salmon
Stream	Garden Creek
Site Description	Site is located at Forest boundary above private property.
UTM (Zone 11)	712528, 4926649
Legal (Township)	13N
Legal (Range)	18E
Legal (Section)	15
Latitude	44.46385
Longitude	114.32836
Date Assessment	7/11/2002
Time	17:10
Observers	J. Hollist, D. Webster, P. Wanstrom, C. Wakefield
Length	100
Width 1	5.2
Width 2	4.8
Width 3	4.6
Width 4	4.8
Air Temperature	31.2
Water Temperature	12.6
pH	
Conductivity	
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	3
Number of Passes	2
Species 1	
Species 2	**Bull T.**
Species 3	
Species 4	**Cutthroat T.**
Species 5	
Species 6	**CtxRb Hyd**
Nongame Fish Present	**Sculpin**
Comments	Population estimate.

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Pass #1

Bull T.	Cutthroat T.	CtxRb Hyd
199	269	273
144	225	252
130	221	188
121	213	180
	161	180
	156	166
	155	164
	154	157
	145	141
	141	133
	115	127
	110	106
	108	105
	105	98
	105	66

Pass #2

Bull T.	Cutthroat T.	CtxRb Hyd
209	200	181
113	149	157
	110	132
	105	126

Site Code	**131**
Tracking Code	2002-S-3
Ranger District	Challis
Watershed	Upper Salmon
Stream	Alison Cr.
Site Description	Approx.75 map miles below where road crosses stream.
UTM (Zone 11)	741811, 4963251
Legal (Township)	17N
Legal (Range)	21E
Legal (Section)	26
Latitude	44.7837
Longitude	113.9435
Date Assessment	6/24/2002
Time	15:20
Observers	J.Pyron, S.Moss, P.Wanstrom, S.Mangan
Length	96
Width 1	2.1
Width 2	2.3
Width 3	4.9
Width 4	2.9
Width 5	2.0
Air Temperature	20
Water Temperature	7.4
pH	8.1
Conductivity	20
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	3
Number of Passes	1
Species 1	
Species 2	
Species 3	
Species 4	**Cutthroat T.**
Species 5	
Species 6	**CtxRb Hyd**
Nongame Fish Present	None
Comments	

Pass #1

Cutthroat T.	CtxRb Hyd

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

184	140
174	134
152	124
111	115
	115
	94
	90
	90
	84
	84
	84
	62
	61
	60
	57

Site Code	**132**
Tracking Code	2002-S-4
Ranger District	Challis
Watershed	Upper Salmon
Stream	North Fork Cow Cr.
Site Description	Site was sampled above the pond. 85.9m in northern most channel and 28.1m in southern most channel.
UTM (Zone 11)	743953, 4961741
Legal (Township)	17N
Legal (Range)	21E
Legal (Section)	25
Latitude	44.7694
Longitude	113.9172
Date Assessment	6/25/2002
Time	11:00
Observers	J.Pyron, P.Wanstrom, S.Mangan, S.Moss
Length	114
Width 1	1.9
Width 2	1.8
Width 3	0.9
Width 4	1.1
Width 5	1.6
Width 6	3.1
Width 7	2.9
Width 8	2.1
Width 9	2.8
Air Temperature	24.8
Water Temperature	6
pH	8.31
Conductivity	20
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	
Species 2	
Species 3	
Species 4	
Species 5	
Species 6	
Nongame Fish Present	None
Comments	Beautiful fish habitat, but no fish found. Fish barrier lower in stream (Aerial Photo). Large meadow w/ good banks and good pools.

Site Code	**133**
Tracking Code	2002-S-7
Ranger District	Challis
Watershed	Upper Salmon
Stream	N.F. Cow Cr.
Site Description	Approx. 1/4-1/2 mile upstream of where road crosses stream
UTM (Zone 11)	743515, 4962003

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Legal (Township)	16N
Legal (Range)	21E
Legal (Section)	25
Latitude	-
Longitude	-
Date Assessment	6/25/2002
Time	9:30
Observers	J.Pyron, S.Moss, S.Mangan
Length	30
Width 1	12.9
Width 2	6.7
Air Temperature	17.4
Water Temperature	5.1
pH	8.65
Conductivity	20
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	
Species 2	
Species 3	
Species 4	
Species 5	
Species 6	
Nongame Fish Present	None
Comments	Shocked 30m of large plunge pools between cascades and found no fish but there currently a significant amount of fish habitat. Gradient or more likely fish barrier (lack of water later in year or debris) may be cause for no fish. Max pool depth was .5m.

Site Code	**134**
Tracking Code	2002-S-8
Ranger District	Challis
Watershed	Upper Salmon
Stream	N.F. Cow Cr.
Site Description	Below confluence w/ Mud Cr.
UTM (Zone 11)	741438, 4959711
Legal (Township)	16N
Legal (Range)	21E
Legal (Section)	3
Latitude	44.752
Longitude	113.9499
Date Assessment	6/25/2002
Time	14:15
Observers	J.Pyron, S.Moss, S.Mangan, P.Wanstrom
Length	75.9
Width 1	2.3
Width 2	4.2
Width 3	3.2
Width 4	2.1
Air Temperature	29.6
Water Temperature	11.8
pH	8.01
Conductivity	20
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	3
Number of Passes	1
Species 1	
Species 2	
Species 3	
Species 4	
Species 5	
Species 6	**CtxRb Hyd**
Nongame Fish Present	None
Comments	

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Pass #1

CtxRb Hyd
209
180
149
140
132
116
104
69
60
54
50

Site Code	**135**
Tracking Code	2002-S-9
Ranger District	Challis
Watershed	Upper Salmon
Stream	Mud Cr. Springs
Site Description	Approx. 1/4mile above confluence w/ N.F. Cow Cr.
UTM (Zone 11)	741695, 4959821
Legal (Township)	16N
Legal (Range)	21E
Legal (Section)	2
Latitude	44.7529
Longitude	113.9466
Date Assessment	6/25/2002
Time	13:50
Observers	J.Pyron, S.Mangan, P.Wanstrom
Length of Stream Reviewed	144.9
Transect	Width
1	0.9
2	0.6
3	0.8
4	1.3
5	0.8
6	1.0
7	0.7
8	0.8
9	0.8
10	0.9
Air Temperature	30.2
Water Temperature	16.8
pH	8.2
Conductivity	90
Sampling Method	Visual
DETERMINATION:	Perennial Flow - No Suitable Fish Habitat - No Additional Sampling Needed

Site Code	**136**
Tracking Code	2002-S-10
Ranger District	Challis
Watershed	Upper Salmon
Stream	Cow Cr.
Site Description	Approx. 1.5miles above the private land.
UTM (Zone 11)	743928, 4958868
Legal (Township)	16N
Legal (Range)	21E
Legal (Section)	1
Latitude	44.74358
Longitude	113.91888
Date Assessment	7/17/2002
Time	13:00
Observers	J.Pyron, S.Moss, C.Wakefield, M.Haroldsen
Length	55.1
Width 1	4.4

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Width 2	5.3
Width 3	2.4
Width 4	3.1
Width 5	3.5
Width 6	4.6
Air Temperature	-
Water Temperature	9
pH	-
Conductivity	-
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	3
Number of Passes	1
Species 1	
Species 2	**Bull T.**
Species 3	
Species 4	
Species 5	
Species 6	**CtxRb Hyd**
Nongame Fish Present	None
Comments	

Pass #1

Bull T.	CtxRb Hyd
211	88
127	
124	
118	
101	
95	
70	
67	
59	

Site Code	**137**
Tracking Code	2002-S-11
Ranger District	Challis
Watershed	Upper Salmon
Stream	Cow Cr.
Site Description	Below Private Boundary
UTM (Zone 11)	742202, 4957330
Legal (Township)	16N
Legal (Range)	21E
Legal (Section)	11
Latitude	44.73034
Longitude	113.94138
Date Assessment	7/17/2002
Time	15:15
Observers	J.Pyron, C.Wakefield, S.Moss
Length	100
Width 1	4.6
Width 2	3.7
Width 3	3.5
Width 4	3.4
Width 5	2.4
Width 6	3.8
Width 7	4.2
Air Temperature	29
Water Temperature	12
pH	-
Conductivity	-
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	
Species 2	**Bull T.**

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Species 3	
Species 4	**Cutthroat T.**
Species 5	
Species 6	**CtxRb Hyd**
Nongame Fish Present	None
Comments	

Pass #1

Bull T.	Cutthroat T.	CtxRb Hyd
212	276	212
144	256	193
121		188
94		160
86		80

Site Code	**138**
Tracking Code	2002-S-12
Ranger District	Challis
Watershed	Upper Salmon
Stream	Unnamed Trib. To Cow Cr.
Site Description	Approx. 300-400m above confluence with S.F. of Cow Cr.
UTM (Zone 11)	742469, 4956705
Legal (Township)	16N
Legal (Range)	21E
Legal (Section)	14
Latitude	44.72463
Longitude	113.93832
Date Assessment	7/17/2002
Time	15:25
Observers	M. Haroldsen
Length of Stream Reviewed	200m
Transect	Width
1	1.8
2	1.4
3	1.2
4	1.1
Air Temperature	34.9
Water Temperature	14.8
pH	-
Conductivity	-
Sampling Method	
DETERMINATION:	Perennial Flow - No Suitable Fish Habitat - No Additional Sampling Needed

Site Code	**139**
Tracking Code	2002-S-14
Ranger District	Challis
Watershed	Upper Salmon
Stream	Unnamed Tributary to Cow Cr.
Site Description	Approximately 300m above the confluence with Cow Cr.
UTM (Zone 11)	743290, 4957524
Legal (Township)	16N
Legal (Range)	21E
Legal (Section)	12
Latitude	44.73171
Longitude	113.92757
Date Assessment	7/17/2002
Time	17:15
Observers	J.Pyron, M.Haroldsen
Length of Stream Reviewed	150
Transect	Width
1	2.3
2	2.5
3	1.1
4	1.5
5	1.4
6	3.2
7	2.8

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

8	3.5
Air Temperature	28
Water Temperature	10
pH	-
Conductivity	-
Sampling Method	Visual
DETERMINATION:	Perennial Flow - No Suitable Fish Habitat - No Additional Sampling Needed
Comments	

Site Code	**140**
Tracking Code	2002-S-17
Ranger District	Challis
Watershed	Pahsimeroi
Stream	N.F. Little Morgan Cr.
Site Description	Site begins at the head of trail #243.
UTM (Zone 11)	745710, 4952469
Legal (Township)	16N
Legal (Range)	22E
Legal (Section)	30
Latitude	44.68545
Longitude	113.89949
Date Assessment	7/18/2002
Time	13:00
Observers	J.Pyron, C.Wakefield, M.Haroldsen
Length	48.9
Width 1	2.8
Width 2	5.6
Width 3	5.6
Width 4	4.0
Width 5	3.8
Width 6	4.3
Width 7	4.6
Width 8	6.1
Air Temperature	29.7
Water Temperature	9.8
pH	-
Conductivity	-
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	
Species 2	**Bull T.**
Species 3	
Species 4	
Species 5	
Species 6	**CtxRb Hyd**
Nongame Fish Present	None
Comments	YOY-26mm; Probably Bull Trout

Pass #1

Bull T.	CtxRb Hyd
230	171
222	121
200	
193	
187	
185	
161	
128	
126	
125	
116	
115	
111	
110	
103	

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

95
92
74

Site Code	**141**
Tracking Code	2002-S-18
Ranger District	Challis
Watershed	Pahsimeroi
Stream	N.F. Little Morgan Cr.
Site Description	Site located adjacent to the end of the road running up ridge southeast of creek.
UTM (Zone 11)	745957, 4953439
Legal (Township)	16N
Legal (Range)	22E
Legal (Section)	19
Latitude	44.69408
Longitude	113.89591
Date Assessment	7/18/2002
Time	11:00
Observers	J.Pyron, C.Wakefield, M.Haroldsen
Length	59.2
Width 1	4.4
Width 2	3.5
Width 3	5.0
Width 4	4.8
Width 5	3.7
Width 6	4.2
Width 7	3.6
Air Temperature	24
Water Temperature	7.9
pH	-
Conductivity	-
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	
Species 2	**Bull T.**
Species 3	
Species 4	
Species 5	
Species 6	
Nongame Fish Present	None
Comments	

Pass #1

Bull T.
225
204
203
179
169
168
167
153
146
115
113
111
105
104
104
98
94
89
69
65
60

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

59

Site Code	**142**
Tracking Code	2002-S-19
Ranger District	Challis
Watershed	Pahsimeroi
Stream	E.F. Little Morgan Cr.
Site Description	Site located at F.S. Boundary
UTM (Zone 11)	747217, 4951086
Legal (Township)	16N
Legal (Range)	22E
Legal (Section)	32
Latitude	44.6704
Longitude	113.8886
Date Assessment	6/26/2002
Time	13:15
Observers	J.Pyron, D.Webster, C.Wakefield
Length	118.1
Width 1	2.0
Width 2	3.3
Width 3	3.3
Width 4	2.6
Width 5	5.4
Width 6	8.6
Width 7	3.5
Width 8	2.9
Air Temperature	-
Water Temperature	-
pH	7.88
Conductivity	10
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	
Species 2	**Bull T.**
Species 3	
Species 4	**Cutthroat T.**
Species 5	
Species 6	
Nongame Fish Present	None
Comments	Shocked 81.5m of main side channel in braided channel with slow water habitat and shocked 36.6m above the confluence of braided channel that was high gradient riffle.

Pass #1

Bull T.	Cutthroat T.
213	52
200	
199	
187	
160	
147	
145	
144	
144	
142	
141	
140	
102	
91	
70	

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Site Code	**143**
Tracking Code	2002-S-20
Ranger District	Challis
Watershed	Pahsimeroi
Stream	E.F. Little Morgan Cr.
Site Description	Where trail breaks away from stream in the most southern unnamed fork.
UTM (Zone 11)	747915, 4950665
Legal (Township)	16N
Legal (Range)	22E
Legal (Section)	32
Latitude	44.6658
Longitude	113.8793
Date Assessment	6/26/2002
Time	11:30
Observers	J.Pyron, D.Webster, C.Wakefield
Length	120
Width 1	0.9
Width 2	2.6
Width 3	1.2
Width 4	3.0
Width 5	1.0
Air Temperature	-
Water Temperature	9
pH	7.9
Conductivity	20
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	
Species 2	**Bull T.**
Species 3	
Species 4	**Cutthroat T.**
Species 5	
Species 6	**CtxRb Hyd**
Nongame Fish Present	None
Comments	Widths and water temperature taken from visual assessment taken on 6/25/02.

Pass #1

Bull T.	Cutthroat T.	CtxRb Hyd
177	158	198
174	151	185
151	146	185
132		160
127		155
101		
94		

Site Code	**144**
Tracking Code	2002-S-21
Ranger District	Challis
Watershed	Pahsimeroi
Stream	E.F. of Little Morgan Cr.
Site Description	Approx. 200m upstream of confluence in the middle fork.
UTM (Zone 11)	747866, 4951005
Legal (Township)	16N
Legal (Range)	22E
Legal (Section)	32
Latitude	44.6667
Longitude	113.8823
Date Assessment	6/26/2002
Time	10:05
Observers	D.Webster, C.Wakefield, M.Haroldsen
Length	100

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Width 1	2.1
Width 2	3.1
Width 3	1.5
Width 4	1.8
Width 5	1.9
Air Temperature	26
Water Temperature	5
pH	8.38
Conductivity	10
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	
Species 2	**Bull T.**
Species 3	
Species 4	
Species 5	
Species 6	
Nongame Fish Present	None
Comments	YOY size 23mm observed.

Pass #1

Bull T.
224
197
181
172
170
160
159
115
81
80
77
76
74
74
73
71
52

Site Code	**145**
Tracking Code	2002-S-22
Ranger District	Challis
Watershed	Pahsimeroi
Stream	E.F. Morgan Cr.
Site Description	Approx. 1/4-1/2 mile above confluence in northern most fork.
UTM (Zone 11)	747704, 4951102
Legal (Township)	16N
Legal (Range)	22E
Legal (Section)	32
Latitude	44.6681
Longitude	113.881
Date Assessment	6/26/2002
Time	10:00
Observers	J.Pyron, S.Moss, P.Wanstrom, S.Mangan
Length	56.3
Width 1	2.7
Width 2	2.0
Width 3	0.8
Width 4	1.2
Air Temperature	21.1
Water Temperature	6.7
pH	8.6
Conductivity	10
Sampling Method	Electrofishing

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Number of Shockers	1
Number of Netters	3
Number of Passes	1
Species 1	
Species 2	
Species 3	
Species 4	
Species 5	
Species 6	
Nongame Fish Present	None
Comments	GPS battery died; Lat/Long taken from visual assessment. No fish found. Braided channel throughout riparian. Shocked most significant channel with largest pools. Visually assessed approx. 40m of 2nd largest adjacent side channel. Excessive debris and lack of water may inhibit fish passage.

Site Code	**146**
Tracking Code	2002-S-23
Ranger District	Challis
Watershed	Pahsimeroi
Stream	Spring Cr.
Site Description	Site is located approx. 100m upstream of where spring creek road ends above private ground.
UTM (Zone 11)	746336, 4947259
Legal (Township)	15N
Legal (Range)	22E
Legal (Section)	8
Latitude	44.6384
Longitude	113.8941
Date Assessment	6/25/2002
Time	17:00
Observers	M.Haroldsen, C.Wakefield
Length of Stream Reviewed	100
Transect	Width
Air Temperature	29
Water Temperature	
pH	
Conductivity	
Sampling Method	Visual
DETERMINATION:	No Perennial Flow - No Additional Work Needed
Comments	No Water.

Site Code	**147**
Tracking Code	2002-S-25
Ranger District	Challis
Watershed	Pahsimeroi
Stream	Morse Cr.
Site Description	Site begins approx. 50m upstream of F.S. boundary at the large diversion structure.
UTM (Zone 11)	752191, 4943769
Legal (Township)	15N
Legal (Range)	22E
Legal (Section)	23
Latitude	44.605
Longitude	113.8221
Date Assessment	6/27/2002
Time	11:25
Observers	S.Mangan, J.Pyron, M.Haroldsen, S.Moss, P.Wanstrom, C.Wakefield
Length	91.5
Width 1	5.2
Width 2	4.7
Width 3	4.8
Width 4	6.1
Width 5	2.4
Width 6	4.1
Width 7	6.8
Air Temperature	24.3
Water Temperature	8.0
pH	7.84

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Conductivity	10
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	3
Number of Passes	1
Species 1	
Species 2	**Bull T.**
Species 3	
Species 4	**Cutthroat T.**
Species 5	
Species 6	**CtxRb Hyd**
Nongame Fish Present	None
Comments	

Pass #1

Bull T.	Cutthroat T.	CtxRb Hyd
164	270	234
129		230
118		198
		190
		174
		171
		163
		139
		115
		101
		72

Site Code	**148**
Tracking Code	2002-S-28
Ranger District	Challis
Watershed	Pahsimeroi
Stream	Cold Cr.
Site Description	Approx. 200m above the confluence.
UTM (Zone 11)	756479, 4948809
Legal (Township)	15N
Legal (Range)	23E
Legal (Section)	8
Latitude	44.64878
Longitude	113.76564
Date Assessment	7/16/2002
Time	-
Observers	J.Pyron, S.Moss, C.Wakefield
Length	58.1
Width 1	5.5
Width 2	4.1
Width 3	6.4
Width 4	3.3
Width 5	3.3
Width 6	3.0
Width 7	2.0
Air Temperature	22
Water Temperature	9
pH	-
Conductivity	10
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	
Species 2	**Bull T.**
Species 3	
Species 4	
Species 5	
Species 6	**CtxRb Hyd**
Nongame Fish Present	None
Comments	

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Pass #1

Bull T.	CtxRb Hyd
238	160
224	
215	
212	
194	
184	
181	
178	
178	
175	
165	
164	
164	
157	
150	
147	
139	
139	
123	
122	
120	
110	
102	
79	
71	
70	
70	

Site Code	**149**
Tracking Code	2002-S-29
Ranger District	Challis
Watershed	Pahsimeroi
Stream	Morse Cr.
Site Description	Sample site begins at the end of Morse Cr. Road at the parking area designated for livestock. (Morse Cr. Trail head.)
UTM (Zone 11)	754406, 4946459
Legal (Township)	15N
Legal (Range)	23E
Legal (Section)	18
Latitude	44.6284
Longitude	113.7929
Date Assessment	6/27/2002
Time	10:30
Observers	J.Pyron, S.Mangan, M.Haroldsen, S.Moss, C.Wakefield, P.Wanstrom
Length	97.6
Width 1	4.7
Width 2	3.6
Width 3	2.2
Width 4	3.6
Width 5	4.0
Width 6	4.2
Width 7	3.9
Air Temperature	21.1
Water Temperature	7.1
pH	8.24
Conductivity	10
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	3
Number of Passes	1
Species 1	
Species 2	**Bull T.**
Species 3	
Species 4	**Cutthroat T.**
Species 5	

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Species 6	**CtxRb Hyd**
Nongame Fish Present	**Sculpin**
Comments	

Pass #1

Bull T.	Cutthroat T.	CtxRb Hyd
255	254	200
244	232	161
225	192	
216	180	
197	175	
191	62	
188	50	
185		
169		
166		
155		
155		
155		
139		
139		
136		
100		
90		
77		
68		

Site Code	**150**
Tracking Code	2002-S-30
Ranger District	Challis
Watershed	Pahsimeroi
Stream	Tributary to Morse Cr.
Site Description	Sis located approx. 300m above the confluence on Morse Cr.
UTM (Zone 11)	757434, 4948951
Legal (Township)	15N
Legal (Range)	23E
Legal (Section)	8
Latitude	44.64972
Longitude	113.75354
Date Assessment	7/16/2002
Time	11:45
Observers	J.Pyron, S.Moss, C.Wakefield
Length	53.2
Width 1	2.0
Width 2	1.4
Width 3	1.5
Width 4	2.0
Width 5	0.8
Width 6	1.1
Air Temperature	20
Water Temperature	9
pH	-
Conductivity	20
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	
Species 2	
Species 3	
Species 4	**Cutthroat T.**
Species 5	
Species 6	**CtxRb Hyd**
Nongame Fish Present	None
Comments	

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Pass #1

Cutthroat T.	CtxRb Hyd
165	169
	149
	145
	143
	140
	134
	130
	125
	122
	118
	117
	112
	108
	104
	103
	98
	97
	92
	88
	83

Site Code	**151**
Tracking Code	2002-S-31
Ranger District	Challis
Watershed	Pahsimeroi
Stream	Morse Cr.
Site Description	Site is located approx. 250-300m above the confluence along the old road.
UTM (Zone 11)	757461, 4949267
Legal (Township)	15N
Legal (Range)	23E
Legal (Section)	5
Latitude	44.65255
Longitude	113.75305
Date Assessment	7/16/2002
Time	12:30
Observers	J.Pyron, S.Moss, C.Wakefield
Length	103.3
Width 1	3.1
Width 2	2.9
Width 3	3.1
Width 4	3.3
Width 5	5.3
Width 6	2.3
Width 7	4.0
Width 8	3.2
Air Temperature	17
Water Temperature	7
pH	-
Conductivity	20
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	2
Number of Passes	2
Species 1	
Species 2	**Bull T.**
Species 3	
Species 4	
Species 5	
Species 6	
Nongame Fish Present	None
Comments	

Pass #1

Bull T.
235

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

210
202
200
177
175
172
171
163
163
160
159
150
146
143
141
140
140
139
135
135
134
132
132
131
130
118
107
105
105
104
60
55
47

Pass #2

Bull T.
176
168
156
138
130
126
116
109
95
95
87
69
52

Site Code	**152**
Tracking Code	2002-S-32
Ranger District	Challis
Watershed	Pahsimeroi
Stream	Tributary to Morse Cr.
Site Description	Site begins approx. 200m upstream from confluence directly over the ridge from site #31.
UTM (Zone 11)	757358, 4949291
Legal (Township)	15N
Legal (Range)	23E
Legal (Section)	5
Latitude	44.6528
Longitude	113.75433
Date Assessment	7/16/2002
Time	14:00
Observers	J.Pyron. S.Moss, C.Wakefield
Length	30
Width 1	1.5
Width 2	2.7

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Width 3	1.8
Width 4	1.6
Width 5	1.7
Width 6	2.0
Width 7	1.8
Air Temperature	24
Water Temperature	9
pH	-
Conductivity	10
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	
Species 2	
Species 3	
Species 4	
Species 5	
Species 6	
Nongame Fish Present	None
Comments	No Fish Found. Rubber boa found along stream.

Site Code	**153**
Tracking Code	2002-S-34
Ranger District	Challis
Watershed	Pahsimeroi
Stream	Falls Cr.
Site Description	Above highest diversion.
UTM (Zone 11)	756842, 4941549
Legal (Township)	15N
Legal (Range)	23E
Legal (Section)	32
Latitude	-
Longitude	-
Date Assessment	6/20/2002
Time	12:30
Observers	J.Pyron, S.Moss, M.Foster
Length	93
Width 1	2.3
Width 2	2.7
Width 3	9.1
Air Temperature	24
Water Temperature	6
pH	8.5
Conductivity	40
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	
Species 2	**Bull T.**
Species 3	
Species 4	
Species 5	
Species 6	
Nongame Fish Present	None
Comments	

Pass #1

Bull T.
259
170
152
110
105
104
101

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

99
99
94
86
67
64

Site Code	**154**
Tracking Code	2002-S-36
Ranger District	Challis
Watershed	Pahsimeroi
Stream	Falls Creek
Site Description	Approx. 300m above the confluence of an unnamed tributary.
UTM (Zone 11)	760067, 4946547
Legal (Township)	
Legal (Range)	
Legal (Section)	
Latitude	44.62716
Longitude	113.72161
Date Assessment	
Time	
Observers	D. Webster, S. Mangan
Length	50
Width 1	3.4
Width 2	4.7
Width 3	4.6
Width 4	5.3
Width 5	4.9
Air Temperature	16
Water Temperature	8
pH	
Conductivity	
Sampling Method	Snorkel
Number of Snorkelers	
Species 1	
Species 2	**Bull T.**
Species 3	
Species 4	
Species 5	
Species 6	
Nongame Fish Present	None
Comments	

Species-Length(cm)	Number Observed
bull 0-49	
bull 50-99	3
bull 100-199	6
bull 200-299	
bull 300-399	
bull 400-499	

Site Code	**155**
Tracking Code	2002-S-38
Ranger District	Challis
Watershed	Pahsimeroi
Stream	Mahogany Cr.
Site Description	Adjacent to major switch back in road.
UTM (Zone 11)	758900, 4938777
Legal (Township)	14N
Legal (Range)	23E
Legal (Section)	9
Latitude	-
Longitude	-

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Date Assessment	6/20/2002
Time	15:00
Observers	J.Pyron, S.Moss, M.Foster
Length of Stream Reviewed	85.1
Transect	Width
1	1.3
2	1.4
3	1.2
4	1.4
5	1.5
6	1.3
7	0.8
8	1.3
9	1.2
10	1.2
Air Temperature	26
Water Temperature	8
pH	8.02
Conductivity	60
Sampling Method	Visual
DETERMINATION:	Perennial Flow – No Suitable Fish Habitat – No Additional Sampling Needed

Site Code	**156**
Tracking Code	2002-S-39A
Ranger District	Challis
Watershed	Pahsimeroi
Stream	Patterson Cr.
Site Description	Below confluence of mainstem and E.F. approx. ??? Miles.
UTM (Zone 11)	764132, 4937172
Legal (Township)	14N
Legal (Range)	23E
Legal (Section)	13
Latitude	44.5425
Longitude	113.6768

Date Assessment	7/13/2002
Time	11:00
Observers	J.Pyron, S.Mangan, C.Wakefield, J.Hollist
Length	112
Width 1	8.3
Width 2	6.3
Width 3	5.6
Width 4	8.1
Width 5	5.6
Width 6	5.1
Air Temperature	25
Water Temperature	8
pH	8.6
Conductivity	50
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	
Species 2	**Bull T.**
Species 3	
Species 4	
Species 5	
Species 6	
Nongame Fish Present	**Sculpin**
Comments	Stream was too swift to safely complete population estimate.

Pass #1

Bull T.
267
249
247
228

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

227
225
207
187
170
166
158
155
154
138
128
122
102
79
79

Site Code	**157**
Tracking Code	2002-S-40
Ranger District	Challis
Watershed	Pahsimeroi
Stream	Inyo Cr.
Site Description	Approx. 200-300m above the confluence with Patterson Cr.
UTM (Zone 11)	764022, 4936160
Legal (Township)	14N
Legal (Range)	23E
Legal (Section)	24
Latitude	44.53237
Longitude	113.67716
Date Assessment	7/12/2002
Time	16:57
Observers	J.Pyron, J.Hollist, S.Moss, S.Mangan, C.Wakefield
Length of Stream Reviewed	
Transect	Width
1	1.6
2	2.0
3	1.7
4	1.8
5	2.3
Air Temperature	40.5
Water Temperature	10
pH	-
Conductivity	-
Sampling Method	Visual
DETERMINATION:	Perennial Flow - No Suitable Fish Habitat - No Additional Sampling Needed
Comments	No fish observed. Large beaver pond was also observed and no fish were found.

Site Code	**158**
Tracking Code	2002-S-43
Ranger District	Challis
Watershed	Pahsimeroi
Stream	Patterson Cr.
Site Description	Approx. 200m above the confluence with E.F. of Patterson Cr.
UTM (Zone 11)	764556, 4938170
Legal (Township)	14N
Legal (Range)	23E
Legal (Section)	12
Latitude	44.5486
Longitude	113.6754
Date Assessment	7/15/2002
Time	14:30
Observers	J.Pyron, S.Moss, C.Wakefield
Length	56.3
Width 1	8.4
Width 2	4.3
Width 3	4.8
Width 4	5.0

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Width 5	5.1
Width 6	4.5
Air Temperature	23
Water Temperature	8
pH	8.84
Conductivity	40
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	
Species 2	**Bull T.**
Species 3	
Species 4	
Species 5	
Species 6	
Nongame Fish Present	**Sculpin**
Comments	Shocking and netting were difficult due to high gradients and cascades.

Pass #1

Bull T.
218
215
212
186
149
149
113

Site Code	**159**
Tracking Code	2002-S-43A
Ranger District	Challis
Watershed	Pahsimeroi
Stream	Patterson Cr.
Site Description	Site begins approx 10m above the falls which is approx. 1 mile up the canyon.
UTM (Zone 11)	764266, 4939278
Legal (Township)	14N
Legal (Range)	23E
Legal (Section)	12
Latitude	
Longitude	
Date Assessment	8/2/2002
Time	12:15
Observers	J.Hollist, S.Moss
Length	50
Width 1	3.7
Width 2	4.2
Width 3	4.0
Width 4	4.0
Width 5	4.3
Air Temperature	29
Water Temperature	11
pH	8.5
Conductivity	50
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	1
Number of Passes	1
Species 1	
Species 2	**Bull T.**
Species 3	
Species 4	
Species 5	
Species 6	
Nongame Fish Present	None
Comments	Fish found above the falls, probably continue through the stream because no other barriers have been found.

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Pass #1

Bull T.
250
243
207
73

Site Code	**160**
Tracking Code	2002-S-43B
Ranger District	Challis
Watershed	Pahsimeroi
Stream	Patterson Creek
Site Description	Beaver pond
UTM (Zone 11)	764390, 4939666
Legal (Township)	15N
Legal (Range)	24E
Legal (Section)	30
Latitude	44.56374
Longitude	113.67074
Date Assessment	8/3/2002
Time	14:40
Observers	P. Wanstrom, S. Moss
Length	31
Width 1	12.8
Width 2	11.2
Width 3	14.0
Width 4	9.7
Air Temperature	25.1
Water Temperature	8.9
Ph	8.5
Conductivity	20
Sampling Method	Snorkel
Number of Snorkelers	1
Species 1	
Species 2	**Bull T.**
Species 3	
Species 4	
Species 5	
Species 6	
Nongame Fish Present	None
Comments	Approx. 3 miles from trailhead.

Species-Length(cm)	Number Observed
bull 0-49	3
bull 50-99	4
bull 100-199	13
bull 200-299	11
bull 300-399	
bull 400-499	

Site Code	**161**
Tracking Code	2002-S-44
Ranger District	Challis
Watershed	Pahsimeroi
Stream	Patterson Creek
Site Description	Above beaver pond.
UTM (Zone 11)	765888, 4942847
Legal (Township)	14N
Legal (Range)	24E
Legal (Section)	31
Latitude	44.59178
Longitude	113.65027

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Date Assessment	8/5/2002
Time	15:00
Observers	J. Pyron, S. Moss
Length	52.0
Width 1	4.1
Width 2	2.5
Width 3	3.6
Width 4	2.0
Width 5	2.5
Width 6	2.3
Width 7	2.6
Air Temperature	20.8
Water Temperature	11.3
pH	9.33
Conductivity	50
Sampling Method	Snorkel
Number of Snorkelers	1
Species 1	
Species 2	**Bull T.**
Species 3	
Species 4	
Species 5	
Species 6	
Nongame Fish Present	None
Comments	

Species-Length(cm)	Number Observed
bull 0-49	2
bull 50-99	3
bull 100-199	18
bull 200-299	11
bull 300-399	
bull 400-499	

Site Code	**162**
Tracking Code	2002-S-45
Ranger District	Challis
Watershed	Pahsimeroi
Stream	Unnamed trib. to E.F. Patterson Cr.
Site Description	Park at second switch back and hike up the old road.
UTM (Zone 11)	765062, 4938111
Legal (Township)	14N
Legal (Range)	24E
Legal (Section)	18
Latitude	44.54952
Longitude	113.6631
Date Assessment	7/10/2002
Time	15:07
Observers	P.Wanstrom, D.Webster
Length of Stream Reviewed	50
Transect	Width
1	1.0
2	1.9
3	1.5
4	1.3
Air Temperature	-
Water Temperature	-
pH	-
Conductivity	-
Sampling Method	Visual
DETERMINATION:	Undetermined (State Reason):_____
Comments	Brush covers 98% of stream, but exposed points are unsuitable habitat

Site Code	**163**
Tracking Code	2002-S-46
Ranger District	Challis
Watershed	Pahsimeroi

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Stream	Unnamed trib. to E.F. Patterson Cr.
Site Description	Where road crosses stream.
UTM (Zone 11)	765925, 4938580
Legal (Township)	14N
Legal (Range)	24E
Legal (Section)	7
Latitude	44.55342
Longitude	113.65201
Date Assessment	7/10/2002
Time	14:35
Observers	D.Webster, P.Wanstrom
Length of Stream Reviewed	50
Transect	Width
1	1.3
2	1.0
3	0.7
4	0.8
Air Temperature	-
Water Temperature	-
pH	-
Conductivity	-
Sampling Method	Visual
DETERMINATION:	Perennial Flow - No Suitable Fish Habitat - No Additional Sampling Needed
Comments	

Site Code	**164**
Tracking Code	2002-S-47
Ranger District	Challis
Watershed	Pahsimeroi
Stream	E.F. Patterson Cr.
Site Description	Approx. 300-400m above the confluence with the mainstem of Patterson Cr.
UTM (Zone 11)	765075, 4938276
Legal (Township)	14N
Legal (Range)	24E
Legal (Section)	18
Latitude	44.551
Longitude	113.66285
Date Assessment	7/15/2002
Time	-
Observers	J.Pyron, S.Moss, C.Wakefield
Length	55.0
Width 1	3.1
Width 2	3.0
Width 3	3.1
Width 4	3.3
Width 5	2.8
Air Temperature	30
Water Temperature	8
pH	8.95
Conductivity	60
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	
Species 2	**Bull T.**
Species 3	
Species 4	
Species 5	
Species 6	
Nongame Fish Present	None
Comments	

Pass #1

Bull T.
195
173

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

171
162
154
154
150
142
131
125
119
102
76
72
64

Site Code	**165**
Tracking Code	2002-S-48
Ranger District	Challis
Watershed	Pahsimeroi
Stream	E.F. Patterson Cr.
Site Description	Site is located approx. 30-40m above the cabin.
UTM (Zone 11)	766199, 4939295
Legal (Township)	14N
Legal (Range)	24E
Legal (Section)	8
Latitude	44.55974
Longitude	113.6482
Date Assessment	7/15/2002
Time	-
Observers	J.Pyron, S.Moss, C.Wakefield
Length	54
Width 1	3.1
Width 2	3.0
Width 3	3.1
Width 4	3.8
Width 5	3.5
Width 6	3.2
Air Temperature	21
Water Temperature	7
pH	-
Conductivity	-
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	
Species 2	
Species 3	
Species 4	
Species 5	
Species 6	
Nongame Fish Present	None
Comments	No Fish Found.

Site Code	**166**
Tracking Code	2002-S-49
Ranger District	Challis
Watershed	Pahsimeroi
Stream	Stinking Cr.
Site Description	-
UTM (Zone 11)	766319, 4928413
Legal (Township)	13N
Legal (Range)	24E
Legal (Section)	8
Latitude	44.4619
Longitude	113.6523
Date Assessment	7/25/2002
Time	11:30

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Observers	J.Pyron, M.Haroldsen, P.Wanstrom
Length of Stream Reviewed	60
Transect	Width
1	0.6
2	1.0
3	0.8
4	1.3
5	2.4
6	0.6
7	0.5
Air Temperature	25.5
Water Temperature	11.2
pH	8.28
Conductivity	40
Sampling Method	Visual
DETERMINATION:	Perennial Flow - No Suitable Fish Habitat - No Additional Sampling Needed
Comments	May go dry. No fish observed.

Site Code	**167**
Tracking Code	2002-S-50
Ranger District	Challis
Watershed	Pahsimeroi
Stream	Mill Cr.
Site Description	Where low road crosses creek.
UTM (Zone 11)	764537, 4929498
Legal (Township)	13N
Legal (Range)	24E
Legal (Section)	6
Latitude	44.4723
Longitude	113.6741
Date Assessment	7/25/2002
Time	12:15
Observers	J.Pyron, M.Haroldsen, P.Wanstrom
Length of Stream Reviewed	150
Transect	Width
1	1.9
2	1.8
3	0.8
4	1.6
5	1.2
6	0.9
7	0.8
8	1.9
9	0.9
10	1.8
Air Temperature	24.9
Water Temperature	12.6
pH	8.75
Conductivity	50
Sampling Method	Visual
DETERMINATION:	Perennial Flow - No Suitable Fish Habitat - No Additional Sampling Needed
Comments	No Fish Found.

Site Code	**168**
Tracking Code	2002-S-51
Ranger District	Challis
Watershed	Pahsimeroi
Stream	Ditch Cr.
Site Description	Where two-track road on the south side of Ditch Cr. Ends.
UTM (Zone 11)	770362, 4919322
Legal (Township)	12N
Legal (Range)	24E
Legal (Section)	10
Latitude	44.3787
Longitude	113.6063
Date Assessment	7/2/2002

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Time	15:00
Observers	J.Pyron, S.Moss, C.Wakefield
Length	79.7
Width 1	1.7
Width 2	2.8
Width 3	1.8
Width 4	1.8
Width 5	2.5
Width 6	1.7
Width 7	2.3
Air Temperature	25
Water Temperature	7
pH	-
Conductivity	-
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	
Species 2	**Bull T.**
Species 3	
Species 4	
Species 5	
Species 6	
Nongame Fish Present	None
Comments	

Pass #1

Bull T.
178
163
161
157
80
78

Site Code	**169**
Tracking Code	2002-S-52
Ranger District	Challis
Watershed	Pahsimeroi
Stream	Ditch Cr.
Site Description	Approx.5 miles below the confluence of the forks.
UTM (Zone 11)	771765, 4920694
Legal (Township)	12N
Legal (Range)	24E
Legal (Section)	11
Latitude	
Longitude	
Date Assessment	7/2/2002
Time	15:45
Observers	J.Pyron, S.Moss, C.Wakefield
Length of Stream Reviewed	50
Transect	Width
1	2.2
2	3.4
3	4.0
4	2.1
Air Temperature	25
Water Temperature	8
pH	-
Conductivity	-
Sampling Method	Visual
DETERMINATION:	Perennial Flow - No Suitable Fish Habitat - No Additional Sampling Needed
Comments	Large rock slide has covered the stream channel and created a fish barrier. Intermittent stream flow is seen in the rocks, but no fish were seen. No aquatic invertebrates were seen either.

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Site Code	**170**
Tracking Code	2002-S-55
Ranger District	Challis
Watershed	Pahsimeroi
Stream	Hillside Cr.
Site Description	F.S. Boundary
UTM (Zone 11)	774480, 4917603
Legal (Township)	12N
Legal (Range)	24 1/2E
Legal (Section)	18
Latitude	44.3617
Longitude	113.5556
Date Assessment	7/2/2002
Time	13:00
Observers	J.Pyron, S.Moss, C.Wakefield
Length of Stream Reviewed	138.4
Transect	Width
1	3.0
2	2.5
3	2.5
4	2.4
5	3.3
6	3.8
7	2.6
8	1.2
9	2.3
Air Temperature	27
Water Temperature	8
pH	-
Conductivity	-
Sampling Method	Visual
DETERMINATION:	Perennial Flow - No Suitable Fish Habitat - No Additional Sampling Needed
Comments	Plenty of fish habitat, but does not connect to any other streams on a perennial basis. Sinks on BLM below F.S. Boundary. May go into a pipe.

Site Code	**171**
Tracking Code	2002-S-58
Ranger District	Challis
Watershed	Pahsimeroi
Stream	Big Gulch Cr.
Site Description	Site begins 73m below F.S. boundary fence and continues 15.5m above the boundary fence.
UTM (Zone 11)	777193, 4915570
Legal (Township)	12N
Legal (Range)	25E
Legal (Section)	29
Latitude	44.3424
Longitude	113.5227
Date Assessment	7/2/2002
Time	11:30
Observers	J.Pyron, S.Moss, C.Wakefield
Length	88.5
Width 1	3.5
Width 2	2.9
Width 3	4.1
Width 4	4.4
Air Temperature	16
Water Temperature	9
pH	-
Conductivity	-
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	2
Number of Passes	2
Species 1	
Species 2	**Bull T.**
Species 3	
Species 4	

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Species 5	
Species 6	
Nongame Fish Present	**Sculpin**
Comments	2 passes were completed, but 0 fish were captured in Pass #2.

Pass #1

Bull T.
240
153
150

Site Code	**172**
Tracking Code	2002-S-59
Ranger District	Challis
Watershed	Pahsimeroi
Stream	Unnamed Tributary to Big Gulch (South Eastern Tributary)
Site Description	Site begins approx. 200-300m above the confluence with Big Gulch Cr.
UTM (Zone 11)	780509, 4917581
Legal (Township)	12N
Legal (Range)	25E
Legal (Section)	21
Latitude	44.3502
Longitude	113.4887
Date Assessment	7/2/2002
Time	9:00
Observers	J.Pyron, C.Wakefield, S.Moss
Length	86.0
Width 1	1.5
Width 2	0.9
Width 3	0.8
Width 4	0.6
Width 5	1.5
Width 6	1.8
Width 7	0.6
Air Temperature	16.0
Water Temperature	4.5
pH	-
Conductivity	-
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	
Species 2	
Species 3	
Species 4	
Species 5	
Species 6	
Nongame Fish Present	None
Comments	No Fish Were Found.

Site Code	**173**
Tracking Code	2002-S-60
Ranger District	Challis
Watershed	Pahsimeroi
Stream	Big Gulch Cr.
Site Description	Where the Iron Cr. Trail crosses Big Gulch Cr.
UTM (Zone 11)	780696, 4916755
Legal (Township)	12N
Legal (Range)	25E
Legal (Section)	21
Latitude	44.3502
Longitude	113.4887
Date Assessment	7/1/2002
Time	16:30

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Observers	J.Pyron, S.Moss, C.Wakefield
Length	98.5
Width 1	1.0
Width 2	1.7
Width 3	5.3
Width 4	4.1
Width 5	1.6
Width 6	1.2
Width 7	1.1
Air Temperature	19
Water Temperature	10
pH	-
Conductivity	-
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	
Species 2	**Bull T.**
Species 3	
Species 4	
Species 5	
Species 6	
Nongame Fish Present	None
Comments	GPS taken on ridge between the unnamed tributaries.

Pass #1

Bull T.
165
163
159
143
136
134
134
130
129
129
126
124
122
118
114
112
109
107
99
74
74
71
70
62
59

Site Code	**174**
Tracking Code	2002-S-61
Ranger District	Challis
Watershed	Pahsimeroi
Stream	Northern-Most Unnamed Tributary to Big Gulch Cr.
Site Description	Site begins approx 360m upstream from the confluence with Big Gulch Cr.
UTM (Zone 11)	779931, 4917478
Legal (Township)	12N
Legal (Range)	25E
Legal (Section)	21
Latitude	44.3502
Longitude	113.4887
Date Assessment	7/2/2002

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Time	10:00
Observers	J.Pyron, C.Wakefield, S.Moss
Length	69.5
Width 1	2.3
Width 2	1.0
Width 3	1.7
Width 4	1.5
Width 5	0.7
Width 6	0.9
Width 7	1.8
Air Temperature	16
Water Temperature	6
pH	-
Conductivity	-
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	
Species 2	Bull T.
Species 3	
Species 4	
Species 5	
Species 6	
Nongame Fish Present	None
Comments	

Pass #1

Bull T.

149

Site Code	**175**
Tracking Code	2002-S-62
Ranger District	Challis
Watershed	Pahsimeroi
Stream	Big Cr.
Site Description	Approx. 50m below the confluence of the N.F. and the S.F. is the top of the reach.
UTM (Zone 11)	770539, 4926375
Legal (Township)	13N
Legal (Range)	24E
Legal (Section)	22
Latitude	44.44202
Longitude	113.6004
Date Assessment	7/24/2002
Time	16:30
Observers	J.Pyron, S.Moss, S.Mangan, M.Haroldsen, P.Wanstrom
Length	100
Width 1	5.5
Width 2	5.0
Width 3	4.6
Width 4	4.1
Width 5	5.2
Width 6	5.5
Width 7	7.4
Air Temperature	21.9
Water Temperature	13.2
pH	9.06
Conductivity	50
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	4
Number of Passes	2
Species 1	**Rainbow T.**

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Species 2	**Bull T.**
Species 3	
Species 4	**Cutthroat T.**
Species 5	
Species 6	**CtxRb Hyd**
Nongame Fish Present	**Sculpin**
Comments	Site picture was taken from the top of the reach.

Pass #1

Rainbow T.	Bull T.	Cutthroat T.	CtxRb Hyd
243	206	324	297
	164	172	237
	128	123	228
	96		222
			189
			157
			140

Pass #2

Rainbow T.	Bull T.	Cutthroat T.	CtxRb Hyd
	173		281
	169		261
	99		142

Site Code	**176**
Tracking Code	2002-S-63
Ranger District	Challis
Watershed	Pahsimeroi
Stream	N.F. Big Cr.
Site Description	Approx. 210m from the confluence with the S.F. of Big Cr.
UTM (Zone 11)	770677, 4926497
Legal (Township)	13N
Legal (Range)	24E
Legal (Section)	22
Latitude	44.44258
Longitude	113.5964
Date Assessment	7/24/2002
Time	14:00
Observers	J.Pyron, D.Webster, S.Moss, P.Wanstrom
Length	100
Width 1	5.5
Width 2	6.7
Width 3	5.1
Width 4	6.1
Width 5	5.9
Width 6	6.2
Width 7	7.2
Width 8	8.2
Air Temperature	27
Water Temperature	11
pH	-
Conductivity	-
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	3
Number of Passes	2
Species 1	
Species 2	**Bull T.**
Species 3	
Species 4	**Cutthroat T.**
Species 5	
Species 6	**CtxRb Hyd**
Nongame Fish Present	**Sculpin**
Comments	

Pass #1

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Bull T.	Cutthroat T.	CtxRb Hyd
280	269	227
259	230	220
243		187
236		174
224		149
209		146
190		135
187		81
122		
120		
87		

Pass #2

Bull T.	Cutthroat T.	CtxRb Hyd
211	245	145
		65

Site Code	**177**
Tracking Code	2002-S-64
Ranger District	Challis
Watershed	Pahsimeroi
Stream	S.F. Big Cr.
Site Description	Approx. 200m above the confluence with the N.F. of Big Cr.
UTM (Zone 11)	770800, 4926333
Legal (Township)	13N
Legal (Range)	24E
Legal (Section)	22
Latitude	44.44154
Longitude	113.59715
Date Assessment	7/23/2002
Time	15:30
Observers	J.Pyron, S.Moss, P.Wanstrom, S.Mangan, M.Haroldsen
Length	98
Width 1	4.5
Width 2	4.0
Width 3	6.0
Width 4	6.3
Width 5	4.2
Width 6	4.1
Width 7	5.9
Air Temperature	23
Water Temperature	12
pH	-
Conductivity	-
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	4
Number of Passes	2
Species 1	
Species 2	
Species 3	**Bull Trout**
Species 4	**Cutthroat T.**
Species 5	
Species 6	**CtxRb Hyd**
Nongame Fish Present	**Sculpin**
Comments	

Pass #1

Bull T.	Cutthroat T.	CtxRb Hyd
190	242	204
	233	197
	233	192
	200	175
	185	150
	182	137
	158	106

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

116

Pass #2

Bull T.	Cutthroat T.	CtxRb Hyd
163		282
		174
		154
		131

Site Code	**178**
Tracking Code	2002-S-65
Ranger District	Challis
Watershed	Pahsimeroi
Stream	Unnamed Tributary to N.F. Big Cr.
Site Description	Approx 200m upstream form where the N.F. trail intersects with the tributary.
UTM (Zone 11)	771522, 4927293
Legal (Township)	-
Legal (Range)	-
Legal (Section)	-
Latitude	-
Longitude	-
Date Assessment	7/24/2002
Time	11:16
Observers	D.Webster
Length of Stream Reviewed	100m
Transect Width	-
Air Temperature	-
Water Temperature	-
pH	8.72
Conductivity	40
Sampling Method	Visual
DETERMINATION:	Perennial Flow - No Suitable Fish Habitat - No Additional Sampling Needed
Comments	Fairly steep stream gradient.

Site Code	**179**
Tracking Code	2002-S-66
Ranger District	Challis
Watershed	Pahsimeroi
Stream	West Fork of Big Cr.
Site Description	Approx. 250m above the confluence with the N.F. of Big Cr.
UTM (Zone 11)	770886, 4927983
Legal (Township)	13N
Legal (Range)	24E
Legal (Section)	15
Latitude	44.45634
Longitude	113.59521
Date Assessment	7/24/2002
Time	10:11
Observers	J.Pyron, S.Moss, P.Wanstrom, S.Mangan, M.Haroldsen
Length	48
Width 1	2.5
Width 2	3.0
Width 3	1.7
Width 4	1.6
Width 5	1.8
Width 6	2.3
Air Temperature	21
Water Temperature	6
pH	-
Conductivity	-
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	3
Number of Passes	1
Species 1	
Species 2	

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Species 3	
Species 4	**Cutthroat T.**
Species 5	
Species 6	**CtxRb Hyd**
Nongame Fish Present	None
Comments	

Pass #1

Cutthroat T.	CtxRb Hyd
174	142
	131
	114
	110
	100
	100
	98
	90
	90
	81
	79
	61

Site Code	**180**
Tracking Code	2002-S-67
Ranger District	Challis
Watershed	Pahsimeroi
Stream	West Fork of Big Cr.
Site Description	Approx. 1.5 miles above the confluence with the N.F. Big Cr.
UTM (Zone 11)	770449, 4928847
Legal (Township)	13N
Legal (Range)	24E
Legal (Section)	4
Latitude	44.46427
Longitude	113.60024
Date Assessment	7/24/2002
Time	12:00
Observers	M.Haroldsen, S.Mangan
Length of Stream Reviewed	120.6
Transect	Width
1	1.5
2	2.3
3	1.0
4	1.6
5	1.7
6	1.1
7	1.5
8	0.8
9	1.1
10	1.7
Air Temperature	20
Water Temperature	6
pH	-
Conductivity	-
Sampling Method	Visual
DETERMINATION:	Perennial Flow - No Suitable Fish Habitat - No Additional Sampling Needed
Comments	Habitat was a plunge pool complex with an average distance of 1.5m between each pool with extreme overgrowth.

Site Code	**181**
Tracking Code	2002-S-68
Ranger District	Challis
Watershed	Pahsimeroi
Stream	Unnamed tributary between burn and trailhead on N.F. of Big Cr.
Site Description	Approx. 100m above the confluence with N.F.
UTM (Zone 11)	771445, 4930343
Legal (Township)	13N
Legal (Range)	24E

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Legal (Section)	11
Latitude	44.47734
Longitude	113.58696
Date Assessment	8/2/2002
Time	17:11
Observers	B.Gamett, J.Pyron, P.Wanstrom
Length of Stream Reviewed	30
Transect Width	-
Air Temperature	-
Water Temperature	-
pH	-
Conductivity	-
Sampling Method	Visual
DETERMINATION:	Perennial Flow - Potentially Suitable Fish Habitat - Needs Sampled
Comments	Possibility of fish. Approx. 1m wide.

Site Code	**182**
Tracking Code	2002-S-69
Ranger District	Challis
Watershed	Pahsimeroi
Stream	N.F. Big Cr.
Site Description	Site is located 2 trail miles below where the trail crosses Lake Fork.
UTM (Zone 11)	772133, 4932673
Legal (Township)	14N
Legal (Range)	24E
Legal (Section)	35
Latitude	44.49802
Longitude	113.5771
Date Assessment	8/2/2002
Time	16:00
Observers	J.Pyron, B.Gamett, P.Wanstrom
Length	72.5
Width 1	3.3
Width 2	7.9
Width 3	3.6
Width 4	6.7
Width 5	4.8
Width 6	4.1
Width 7	2.6
Air Temperature	22.6
Water Temperature	10.7
pH	-
Conductivity	-
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	2
Number of Passes	2
Species 1	
Species 2	**Bull T.**
Species 3	
Species 4	**Cutthroat T.**
Species 5	
Species 6	**CtxRb Hyd**
Nongame Fish Present	**Sculpin**
Comments	

Pass #1

Bull T.	Cutthroat T.	CtxRb Hyd
281	342	217
254	335	195
253	305	194
251	274	
251	250	
231	246	
230	245	
229	239	
224	224	

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

204	155
203	
202	
185	
185	
182	
178	
173	
164	
135	
135	

Pass #2

Bull T.	Cutthroat T.	CtxRb Hyd
264	321	155
259	290	
228	262	
218		
208		
199		
195		
178		

Site Code	**183**
Tracking Code	2002-S-70
Ranger District	Challis
Watershed	Pahsimeroi
Stream	Lake Fork of N.F. of Big Cr.
Site Description	Site is located approx. 500m above the N.F. Big Creek. Site begins where trail crosses creek. Site is immediately above 2 falls that are about 2m apart and each fall is about 2m in height.
UTM (Zone 11)	772071, 4936022
Legal (Township)	14N
Legal (Range)	24E
Legal (Section)	23
Latitude	44.52814
Longitude	113.57612
Date Assessment	8/2/2002
Time	14:11
Observers	B.Gamett, J.Pyron, P.Wanstrom
Length	50.3
Width 1	3.4
Width 2	3.8
Width 3	4.7
Width 4	4.8
Air Temperature	21.5
Water Temperature	8.6
pH	-
Conductivity	-
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	1
Number of Passes	1
Species 1	
Species 2	
Species 3	
Species 4	
Species 5	
Species 6	
Nongame Fish Present	None
Comments	No Fish Captured. 2 falls are immediately below the site and are likely a fish barrier. The falls are about 2 m apart and are each about 2m high. 2 bull trout approx. 200mm were observed in the plunge pool below the lowest falls.

Site Code	**184**
Tracking Code	2002-S-71
Ranger District	Challis
Watershed	Pahsimeroi

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Stream	N.F. Big Cr.
Site Description	Site is located on the main stem approx. 87m above the confluence with Lake Fork. This is 18.5m above the unnamed trib.
UTM (Zone 11)	772040, 4935853
Legal (Township)	14N
Legal (Range)	24E
Legal (Section)	23
Latitude	44.52663
Longitude	113.57659
Date Assessment	8/2/2002
Time	12:30
Observers	J.Pyron, P.Wanstrom, B.Gamett
Length	48.4
Width 1	6.9
Width 2	3.8
Width 3	4.6
Width 4	4.3
Width 5	4.2
Width 6	2.8
Air Temperature	21.2
Water Temperature	8.8
pH	-
Conductivity	-
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	2
Number of Passes	2
Species 1	
Species 2	**Bull T.**
Species 3	
Species 4	
Species 5	
Species 6	
Nongame Fish Present	None
Comments	

Pass #1

Bull T.
280
248
243
239
230
229
229
228
226
225
218
217
215
210
209
209
204
184
178
175
172
165
156
154
151
149
144
133
132
120
102

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

84
74
70
70

Pass #2
Bull T.
205
197
192
192
188
178
174
157
147
145
107
103
87
76

Site Code	**185**
Tracking Code	2002-S-71A
Ranger District	Challis
Watershed	Pahsimeroi
Stream	Main stem of N.F. of Big Cr
Site Description	Approx. 300m above confluence with Lake Fork.
UTM (Zone 11)	772044, 4936040
Legal (Township)	14N
Legal (Range)	24E
Legal (Section)	23
Latitude	44.52831
Longitude	113.57645
Date Assessment	8/2/2002
Time	13:30
Observers	J.Pyron, B.Gamett, P.Wanstrom
Length of Stream Reviewed	30
Transect	Width
1	3.1
2	4.0
3	3.5
4	2.5
Air Temperature	16.7
Water Temperature	8.2
pH	-
Conductivity	-
Sampling Method	Visual
DETERMINATION:	Perennial Flow - Potentially Suitable Fish Habitat - Needs Sampled
Comments	Bull Trout observed approx. 200mm long.

Site Code	**186**
Tracking Code	2002-S-72
Ranger District	Challis
Watershed	Pahsimeroi
Stream	Unnamed Trib. To North of N.F. of Big Cr.
Site Description	Approx. 200m above the confluence with the N.F.
UTM (Zone 11)	771933, 4935875
Legal (Township)	14N
Legal (Range)	24E
Legal (Section)	23
Latitude	44.52687
Longitude	113.57792
Date Assessment	8/2/2002
Time	13:30
Observers	J.Pyron, P.Wanstrom, B.Gamett
Length	27.2

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Width 1	4.1
Width 2	4.8
Width 3	4.2
Width 4	3.3
Air Temperature	21.3
Water Temperature	8.2
pH	-
Conductivity	-
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	1
Number of Passes	1
Species 1	
Species 2	**Bull T.**
Species 3	
Species 4	
Species 5	
Species 6	
Nongame Fish Present	None
Comments	

Pass #1

Bull T.
202

Site Code	**187**
Tracking Code	2002-S-73
Ranger District	Challis
Watershed	Pahsimeroi
Stream	South Fork of Big Creek
Site Description	Where motorized trail ends.
UTM (Zone 11)	774116, 4925060
Legal (Township)	13N
Legal (Range)	24E
Legal (Section)	25
Latitude	44.42885
Longitude	113.55623
Date Assessment	7/30/2002
Time	13:30
Observers	J. Pyron, P. Wanstrom
Length	64.7
Width 1	4.7
Width 2	5.7
Width 3	6.8
Width 4	5.2
Width 5	4.5
Width 6	6.3
Width 7	5.8
Air Temperature	25.2
Water Temperature	11.7
pH	8.6
Conductivity	40
Sampling Method	Snorkel
Number of Snorkelers	1
Species 1	
Species 2	**Bull T.**
Species 3	
Species 4	**Cutthroat T.**
Species 5	
Species 6	
Nongame Fish Present	None
Comments	Cutthroat / Rainbow hybrids thought to be seen, but counted under cutthroat.

Species-Length(cm)	Number Observed
bull 0-49	

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

bull 50-99	2
bull 100-199	4
bull 200-299	2
bull 300-399	
bull 400-499	

Species-Length(cm)	Number Observed
cutthroat 0-49	
cutthroat 50-99	2
cutthroat 100-199	2
cutthroat 200-299	9
cutthroat 300-399	1
cutthroat 400-499	

Site Code	**188**
Tracking Code	2002-S-74
Ranger District	Challis
Watershed	Pahsimeroi
Stream	Unnamed tributary to South Fork of Big Creek
Site Description	Approx. 250m above confluence of South Fork
UTM (Zone 11)	778149, 4924712
Legal (Township)	13N
Legal (Range)	25E
Legal (Section)	28
Latitude	44.42419
Longitude	113.50584
Date Assessment	7/30/2002
Time	11:00
Observers	J. Pyron, P. Wanstrom
Length	55
Width 1	2.6
Width 2	1.9
Width 3	1.6
Width 4	2.3
Width 5	3.2
Width 6	3.6
Width 7	2.0
Air Temperature	23.5
Water Temperature	7.3
pH	8.44
Conductivity	30
Sampling Method	Snorkel
Number of Snorkelers	1
Species 1	
Species 2	**Bull T.**
Species 3	
Species 4	**Cutthroat T.**
Species 5	
Species 6	
Nongame Fish Present	None
Comments	

Species-Length(cm)	Number Observed
bull 0-49	
bull 50-99	1
bull 100-199	8
bull 200-299	1
bull 300-399	
bull 400-499	

Species-Length(cm)	Number Observed

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

cutthroat 0-49	
cutthroat 50-99	
cutthroat 100-199	1
cutthroat 200-299	
cutthroat 300-399	
cutthroat 400-499	

Site Code	**189**
Tracking Code	2002-S-75
Ranger District	Challis
Watershed	Pahsimeroi
Stream	South Fork of Big Creek
Site Description	Adjacent to outfitter camp.
UTM (Zone 11)	779212, 4924362
Legal (Township)	13N
Legal (Range)	25E
Legal (Section)	33
Latitude	44.42063
Longitude	113.49271
Date Assessment	7/30/2002
Time	8:00
Observers	J. Pyron, P. Wanstrom
Length	61
Width 1	2.2
Width 2	2.4
Width 3	3.2
Width 4	2.0
Width 5	3.1
Width 6	2.9
Air Temperature	5.3
Water Temperature	6.8
pH	9.03
Conductivity	40
Sampling Method	Snorkel
Number of Snorkelers	1
Species 1	
Species 2	**Bull T.**
Species 3	
Species 4	**Cutthroat T.**
Species 5	
Species 6	
Nongame Fish Present	None
Comments	

Species-Length(cm)	Number Observed
bull 0-49	
bull 50-99	2
bull 100-199	3
bull 200-299	
bull 300-399	
bull 400-499	

Species-Length(cm)	Number Observed
cutthroat 0-49	
cutthroat 50-99	1
cutthroat 100-199	11
cutthroat 200-299	
cutthroat 300-399	

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

cutthroat 400-499

Site Code	**190**
Tracking Code	2002-S-76
Ranger District	Challis
Watershed	Pahsimeroi
Stream	South Fork of Big Creek
Site Description	Below confluence of three branches on upper end.
UTM (Zone 11)	779782, 4923870
Legal (Township)	13N
Legal (Range)	25E
Legal (Section)	34
Latitude	44.41599
Longitude	113.48582
Date Assessment	7/29/2002
Time	19:15
Observers	J. Pyron, P. Wanstrom
Length	64.6
Width 1	1.8
Width 2	2.6
Width 3	2.6
Width 4	2.1
Width 5	1.3
Width 6	4.1
Width 7	5.9
Air Temperature	24.3
Water Temperature	11.3
pH	8.53
Conductivity	30
Sampling Method	Snorkel
Number of Snorkelers	1
Species 1	
Species 2	**Bull T.**
Species 3	
Species 4	**Cutthroat T.**
Species 5	
Species 6	
Nongame Fish Present	None
Comments	

Species-Length(cm)	Number Observed
bull 0-49	
bull 50-99	2
bull 100-199	3
bull 200-299	
bull 300-399	
bull 400-499	

Species-Length(cm)	Number Observed
cutthroat 0-49	1
cutthroat 50-99	3
cutthroat 100-199	7
cutthroat 200-299	
cutthroat 300-399	
cutthroat 400-499	

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Site Code	**191**
Tracking Code	2002-W-1
Ranger District	Challis
Watershed	Upper Salmon
Stream	Lime Creek
Site Description	Take highway 93 to Lime Creek turn off. Follow up road to FS boundary.
UTM (Zone 11)	735362, 4921064
Legal (Township)	13N
Legal (Range)	20E
Legal (Section)	36
Latitude	-
Longitude	-
Date Assessment	8/5/2002
Time	13:20
Observers	J.Hollist, S.Mangan
Length of Stream Reviewed	50
Transect	Width
1	0.4
2	0.4
3	0.45
4	0.5
Air Temperature	NA
Water Temperature	NA
pH	NA
Conductivity	NA
Sampling Method	Visual
DETERMINATION:	Perennial Flow - No Suitable Fish Habitat - No Additional Sampling Needed
Comments	

Site Code	**192**
Tracking Code	2002-W-2
Ranger District	Challis
Watershed	Upper Salmon
Stream	Crane Basin
Site Description	Continue down road to cabin.
UTM (Zone 11)	738389, 4919345
Legal (Township)	13N
Legal (Range)	20E
Legal (Section)	8
Latitude	44.23011
Longitude	114.0103
Date Assessment	8/5/2002
Time	12:25
Observers	J.Hollist, S.Mangan
Length of Stream Reviewed	50
Transect	Width
1	0.8
2	0.7
3	1
4	0.7
Air Temperature	NA
Water Temperature	NA
pH	NA
Conductivity	NA
Sampling Method	Visual
DETERMINATION:	Perennial Flow - No Suitable Fish Habitat - No Additional Sampling Needed
Comments	

Site Code	**193**
Tracking Code	2002-W-3
Ranger District	Challis
Watershed	Upper Salmon
Stream	Crane Basin
Site Description	Same as Crane Basin 2002-W-2 only south of mainstem.
UTM (Zone 11)	738443, 4918526
Legal (Township)	13N
Legal (Range)	20E

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Legal (Section)	8
Latitude	
Longitude	
Date Assessment	8/5/2002
Time	12:07
Observers	J.Hollist, S.Mangan
Length of Stream Reviewed	50
Transect Width	-
Air Temperature	NA
Water Temperature	NA
pH	NA
Conductivity	NA
Sampling Method	Visual
DETERMINATION:	No Perennial Flow - No Additional Work Needed
Comments	Dry channel below cabin, however a trickle flows up above cabin yet not enough to measure.

Site Code	**194**
Tracking Code	2002-W-4
Ranger District	Challis
Watershed	Upper Salmon
Stream	Crane Basin
Site Description	Take Lime Creek road above Crane Basin. Road cuts to right below an exclosure. Follow this road to gate and down to Creek. You should be able to see a cabin in the bottom of the Basin.
UTM (Zone 11)	737457, 4918964
Legal (Township)	13N
Legal (Range)	20E
Legal (Section)	7
Latitude	
Longitude	
Date Assessment	8/5/2002
Time	11:55
Observers	J.Hollist, S.Mangan
Length of Stream Reviewed	50
Transect	Width
1	1.1
2	0.5
3	0.7
4	0.6
Air Temperature	NA
Water Temperature	NA
pH	NA
Conductivity	NA
Sampling Method	Visual
DETERMINATION:	Perennial Flow - No Suitable Fish Habitat - No Additional Sampling Needed
Comments	

Site Code	**195**
Tracking Code	2003-N1
Ranger District	Challis
Watershed	Upper Salmon
Stream	Daugberty Gulch
Site Description	
UTM (Zone 11)	711640, 4928206
Legal (Township)	13N
Legal (Range)	18E
Legal (Section)	9
Latitude	44.47811
Longitude	114.33888
Date Assessment	7/1/2003
Time	9:45
Observers	J.Pyron, D.Webster, C.Wood
Length of Stream Reviewed	-
Transect Width	-
Air Temperature	22
Water Temperature	-
pH	-
Conductivity	-
Sampling Method	Visual

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

DETERMINATION:	No Perennial Flow - No Additional Work Needed
Comments	No water, dry channel.

Site Code	**196**
Tracking Code	2003-N2
Ranger District	Challis
Watershed	Upper Salmon
Stream	Big Hill Gulch
Site Description	Approximately 1/2 mile from main road
UTM (Zone 11)	709646, 4930251
Legal (Township)	14N
Legal (Range)	18E
Legal (Section)	32
Latitude	44.49708
Longitude	114.36309
Date Assessment	6/30/2003
Time	15:10
Observers	M.Foster D.Webster
Length of Stream Reviewed	-
Transect Width	-
Air Temperature	-
Water Temperature	-
pH	-
Conductivity	NA
Sampling Method	Visual
DETERMINATION:	No Perennial Flow - No Additional Work Needed
Comments	No water

Site Code	**197**
Tracking Code	2003-N3
Ranger District	Challis
Watershed	Upper Salmon
Stream	West Creek
Site Description	
UTM (Zone 11)	705704, 4928747
Legal (Township)	13N
Legal (Range)	17E
Legal (Section)	1
Latitude	44.48469
Longitude	114.41323
Date Assessment	6/24/2003
Time	15:50
Observers	M.Foster, J.Pyron, C.Wood, D.Webster
Length	106.6
Width 1	2
Width 2	2.6
Width 3	1.7
Width 4	2.8
Width 5	2.1
Width 6	1.9
Width 7	2.1
Air Temperature	13.6
Water Temperature	6.1
pH	NA
Conductivity	NA
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	3
Number of Passes	1
Species 1	
Species 2	
Species 3	
Species 4	
Species 5	
Species 6	
Nongame Fish Present	None
Comments	No fish collected at sampling site. Cutthroat Trout approximately 200 mm observed in a small

pool at the following 44.48940, 114.41671.

Site Code	**198**
Tracking Code	2003-N4
Ranger District	Challis
Watershed	Upper Salmon
Stream	Unnamed tributary to Challis Creek
Site Description	Second perennial tributary to Challis Creek above private boundary above Mosquito Flats reservoir (Lower reach)
UTM (Zone 11)	702019, 4930187
Legal (Township)	14N
Legal (Range)	16E
Legal (Section)	33
Latitude	44.49868
Longitude	114.45896
Date Assessment	6/24/2003
Time	13:00
Observers	M.Foster, J.Pyron, C.Wood, D.Webster
Length	48.9
Width 1	1.7
Width 2	1
Width 3	1
Width 4	2
Width 5	2
Width 6	3.5
Air Temperature	10.7
Water Temperature	4.6
pH	NA
Conductivity	NA
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	3
Number of Passes	1
Species 1	
Species 2	
Species 3	**Brook T.**
Species 4	**Cutthroat T.**
Species 5	
Species 6	**CtxRb Hyd**
Nongame Fish Present	None
Comments	

Pass #1

Brook T.	Cutthroat T.	CtxRb Hyd
90	76	72
85	74	
75		
55		
54		

Site Code	**199**
Tracking Code	2003-N5
Ranger District	Challis
Watershed	Upper Salmon
Stream	second perennial tributary to challis creek
Site Description	above private boundary above Mosquito Flats Reservoir (upper reach)
UTM (Zone 11)	701614, 4929166
Legal (Township)	13N
Legal (Range)	17E
Legal (Section)	4
Latitude	44.48961
Longitude	114.46444
Date Assessment	6/24/2003
Time	12:00
Observers	J.Pyron, M.Foster, C. Wood, D.Webster

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Length	101.5
Width 1	3.2
Width 2	3
Width 3	2.3
Width 4	3
Width 5	1.9
Width 6	1.4
Air Temperature	10.6
Water Temperature	3.9
pH	NA
Conductivity	NA
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	3
Number of Passes	1
Species 1	
Species 2	
Species 3	
Species 4	
Species 5	
Species 6	
Nongame Fish Present	None
Comments	No fish observed

Site Code	**200**
Tracking Code	2003-N6
Ranger District	Challis
Watershed	Upper Salmon
Stream	Challis Creek
Site Description	Challis creek above Yankee fork trail crossing
UTM (Zone 11)	698563, 4932745
Legal (Township)	14N
Legal (Range)	17E
Legal (Section)	19
Latitude	44.52265
Longitude	114.5014
Date Assessment	6/23/2003
Time	17:15
Observers	M. Haroldsen, J. Pyron C. Wood
Length	53
Width 1	2.1
Width 2	2.7
Width 3	2.7
Width 4	2.8
Width 5	3
Width 6	3
Air Temperature	6.6
Water Temperature	5.3
pH	NA
Conductivity	NA
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	
Species 2	
Species 3	
Species 4	**Cutthroat T.**
Species 5	
Species 6	**CtxRb Hyd**
Nongame Fish Present	None
Comments	

Pass #1

Cutthroat T.	CtxRb Hyd
164	121
140	108

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

139	105
126	103
124	88
103	

Site Code	**201**
Tracking Code	2003-N7
Ranger District	Challis
Watershed	Upper Salmon
Stream	Twin creek
Site Description	above bear creek
UTM (Zone 11)	704506, 4939335
Legal (Township)	15N
Legal (Range)	17E
Legal (Section)	35
Latitude	44.58026
Longitude	114.42408
Date Assessment	6/23/2003
Time	14:30
Observers	J.Pyron, C.Wood, M.Haroldsen
Length	54.2
Width 1	4.1
Width 2	5.1
Width 3	4.4
Width 4	4.1
Width 5	4
Width 6	4.1
Air Temperature	10.2
Water Temperature	5.1
pH	NA
Conductivity	NA
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	
Species 2	**Bull T.**
Species 3	
Species 4	**Cutthroat T.**
Species 5	
Species 6	
Nongame Fish Present	None
Comments	

Pass #1

Bull T.	Cutthroat T.
159	117
	64
	59

Site Code	**202**
Tracking Code	2003-N8
Ranger District	Challis
Watershed	Upper Salmon
Stream	West Fork Creek
Site Description	Past end of road near dispersed campsite.
UTM (Zone 11)	702087, 4938247
Legal (Township)	14N
Legal (Range)	17E
Legal (Section)	4
Latitude	44.57115
Longitude	114.45494
Date Assessment	6/23/2003
Time	12:00
Observers	M.Haroldsen, J.Pyron, C.Wood

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Length	53.8
Width 1	3.1
Width 2	3.3
Width 3	1.9
Width 4	2.9
Width 5	2.1
Width 6	2.6
Air Temperature	11.7
Water Temperature	4.1
pH	NA
Conductivity	NA
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	
Species 2	**Bull T.**
Species 3	
Species 4	**Cutthroat T.**
Species 5	
Species 6	
Nongame Fish Present	None
Comments	

Pass #1

Bull T.	Cutthroat T.
176	75
161	
151	
149	
148	
148	
139	
123	
112	
106	
87	

Site Code	**203**
Tracking Code	2003-N9
Ranger District	Challis
Watershed	Upper Salmon
Stream	Unnamed tributary to spring gulch/spruce gulch
Site Description	Site is located around the contour of the mountain from the end of the spur road off at the spruce gulch lake road.
UTM (Zone 11)	704118, 4941496
Legal (Township)	15N
Legal (Range)	17E
Legal (Section)	26
Latitude	44.5998
Longitude	114.4281
Date Assessment	6/26/2003
Time	15:15
Observers	J.Pyron, S.Mangan, M.Foster
Length of Stream Reviewed	-
Transect Width	-
Air Temperature	-
Water Temperature	-
pH	-
Conductivity	-
Sampling Method	Visual
DETERMINATION:	No Perennial Flow - No Additional Work Needed
Comments	No water.

Site Code	**204**

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Tracking Code	2003-N10
Ranger District	Challis
Watershed	Upper Salmon
Stream	Spring (Spruce Gulch) below Spruce Gulch lake.
Site Description	Observed from ridge above lake.
UTM (Zone 11)	702812, 4941798
Legal (Township)	15N
Legal (Range)	17E
Legal (Section)	27
Latitude	44.60669
Longitude	114.44426
Date Assessment	7/1/2003
Time	13:45
Observers	J.Pyron, D.Webster, C.Wood
Length of Stream Reviewed	-
Transect Width	-
Air Temperature	-
Water Temperature	-
pH	-
Conductivity	-
Sampling Method	Visual
DETERMINATION:	No Perennial Flow - No Additional Work Needed
Comments	No water. Observed channel from above. Lat/Long on ridge above lake. Very little water flowing from lake but in extremely high water event, water may connect over land.

Site Code	**205**
Tracking Code	2003-N11
Ranger District	Challis
Watershed	Upper Salmon
Stream	Third springs Creek
Site Description	(Lower Site)
UTM (Zone 11)	714296, 4947662
Legal (Township)	15N
Legal (Range)	18E
Legal (Section)	2
Latitude	44.65229
Longitude	114.29742
Date Assessment	7/1/2003
Time	15:45
Observers	J.Pyron
Length of Stream Reviewed	107.9
Transect	Width
1	0.9
2	1.5
3	0.8
4	1
5	0.7
6	1.4
7	0.9
8	1.1
9	1.5
10	0.8
Air Temperature	31
Water Temperature	14
pH	NA
Conductivity	NA
Sampling Method	Visual
DETERMINATION:	Perennial Flow - No Suitable Fish Habitat - No Additional Sampling Needed
Comments	

Site Code	**206**
Tracking Code	2003-N12
Ranger District	Challis
Watershed	Upper Salmon
Stream	Third Springs Creek
Site Description	(Upper Site)
UTM (Zone 11)	714496, 4948148
Legal (Township)	15N

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Legal (Range)	18E
Legal (Section)	2
Latitude	44.6566
Longitude	114.2947
Date Assessment	7/1/2003
Time	15:30
Observers	J.Pyron
Length of Stream Reviewed	-
Transect Width	-
Air Temperature	31
Water Temperature	-
pH	-
Conductivity	-
Sampling Method	Visual
DETERMINATION:	No Perennial Flow - No Additional Work Needed
Comments	No water dry bed.

Site Code	**207**
Tracking Code	2003-N13
Ranger District	Challis
Watershed	Upper Salmon
Stream	Darling Creek
Site Description	Approximately 2 miles above trailhead.
UTM (Zone 11)	713617, 4948096
Legal (Township)	15N
Legal (Range)	18E
Legal (Section)	2
Latitude	44.6564
Longitude	114.3058
Date Assessment	6/26/2003
Time	11:15
Observers	J.Pyron, M.Foster, S.Mangan
Length	56.3
Width 1	3.2
Width 2	2
Width 3	2
Width 4	1.2
Width 5	1.9
Width 6	2.1
Width 7	1.1
Air Temperature	16.1
Water Temperature	7.5
pH	NA
Conductivity	NA
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	
Species 2	
Species 3	
Species 4	**Cutthroat T.**
Species 5	
Species 6	**CtxRb Hyd**
Nongame Fish Present	None
Comments	Fish measured to nearest 1/2 cm.

Pass #1

Cutthroat T.	CtxRb Hyd
15 cm	13 cm
14 cm	13 cm
13 cm	11 cm
12 cm	11 cm
	10.5 cm

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Site Code	**208**
Tracking Code	2003-N14
Ranger District	Challis
Watershed	Upper Salmon
Stream	Fourth Springs Creek
Site Description	On corner of bend inside FS boundary.
UTM (Zone 11)	715268, 4949409
Legal (Township)	16N
Legal (Range)	18E
Legal (Section)	36
Latitude	44.66771
Longitude	114.28444
Date Assessment	6/30/2003
Time	14:55
Observers	M.Foster, D.Webster
Length of Stream Reviewed	-
Transect Width	-
Air Temperature	-
Water Temperature	-
pH	-
Conductivity	-
Sampling Method	Visual
DETERMINATION:	No Perennial Flow - No Additional Work Needed
Comments	No water.

Site Code	**209**
Tracking Code	2003-N15
Ranger District	Challis
Watershed	Upper Salmon
Stream	Little west fork, Morgan Creek
Site Description	Downhill from hairpin corner.
UTM (Zone 11)	710789, 4952155
Legal (Township)	16N
Legal (Range)	18E
Legal (Section)	28
Latitude	44.69373
Longitude	114.33975
Date Assessment	6/30/2003
Time	12:47
Observers	M.Foster, D.Webster
Length of Stream Reviewed	50
Transect	Width
1	0.9
2	0.6
3	0.8
4	1.2
5	0.8
Air Temperature	22
Water Temperature	13
pH	NA
Conductivity	NA
Sampling Method	Visual
DETERMINATION:	Perennial Flow - No Suitable Fish Habitat - No Additional Sampling Needed
Comments	Site is extremely overgrown with shrubs. Only 10% of stream is visible

Site Code	**210**
Tracking Code	2003-N16
Ranger District	Challis
Watershed	Upper Salmon
Stream	Block Creek
Site Description	First beaver pond on forest boundary
UTM (Zone 11)	718599, 4954278
Legal (Township)	16N
Legal (Range)	19E

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Legal (Section)	17
Latitude	44.71049
Longitude	114.2404
Date Assessment	6/30/2003
Time	11:10
Observers	D.Webster, M.Foster
Length	41.1
Width 1	21.2
Width 2	25.4
Width 3	23.6
Width 4	21.5
Air Temperature	22
Water Temperature	16
pH	NA
Conductivity	NA
Sampling Method	Snorkeling
Number of Snorkelers	1
Species 1	
Species 2	
Species 3	
Species 4	
Species 5	
Species 6	
Nongame Fish Present	None
Comments	Seen and caught frogs. Numerous amphibians. Site was a beaver pond. No fish.

Site Code	**211**
Tracking Code	2003-N17
Ranger District	Challis
Watershed	Upper Salmon
Stream	Block Creek, Upper Site
Site Description	Where road crosses stream.
UTM (Zone 11)	718654, 4954959
Legal (Township)	16N
Legal (Range)	19E
Legal (Section)	17
Latitude	44.71659
Longitude	114.23941
Date Assessment	6/30/2003
Time	10:09
Observers	D.Webster, M.Foster
Length of Stream Reviewed	100
Transect	Width
1	0.7
2	0.9
3	0.9
4	0.8
5	0.5
6	0.7
Air Temperature	27
Water Temperature	16
pH	NA
Conductivity	NA
Sampling Method	Visual
DETERMINATION:	Perennial Flow - No Suitable Fish Habitat - No Additional Sampling Needed
Comments	

Site Code	**212**
Tracking Code	2003-N18
Ranger District	Challis
Watershed	Upper Salmon
Stream	Van Horn
Site Description	Approximately 200m upstream from trailhead.
UTM (Zone 11)	713655, 4962020
Legal (Township)	17N
Legal (Range)	18E

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Legal (Section)	26
Latitude	44.7816
Longitude	114.2995
Date Assessment	6/30/2003
Time	11:30
Observers	J.Pyron, S.Mangan, M.Haroldsen
Length	66.7
Width 1	3.5
Width 2	3.1
Width 3	2.2
Width 4	2.8
Width 5	2.1
Width 6	1.8
Width 7	3.1
Width 8	2.8
Width 9	2.4
Width 10	2.6
Air Temperature	NA
Water Temperature	NA
pH	NA
Conductivity	NA
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	
Species 2	**Bull T.**
Species 3	
Species 4	
Species 5	
Species 6	
Nongame Fish Present	None
Comments	

Pass #1

Bull T.
178
171
93

Site Code	**213**
Tracking Code	2003-N19
Ranger District	Challis
Watershed	Upper Salmon
Stream	Burnt Gulch
Site Description	
UTM (Zone 11)	718043, 4962724
Legal (Township)	17N
Legal (Range)	19E
Legal (Section)	20
Latitude	44.7866
Longitude	114.2438
Date Assessment	6/30/2003
Time	10:15
Observers	J.Pyron, M.Haroldsen, S.Mangan
Length of Stream Reviewed	45.9
Transect	Width
1	0.5
2	0.4
3	0.7
4	0.65
5	0.3
6	0.7
7	0.35
8	0.4
9	0.8
10	0.6
Air Temperature	-

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Water Temperature	-
pH	-
Conductivity	-
Sampling Method	Visual
DETERMINATION:	Perennial Flow - No Suitable Fish Habitat - No Additional Sampling Needed
Comments	

Site Code	**214**
Tracking Code	2003-N20
Ranger District	Challis
Watershed	Upper Salmon
Stream	Alder Creek, South Fork
Site Description	Adjacent to first dispersed campsite, with metal fire ring and hitching rail.
UTM (Zone 11)	716025, 4964591
Legal (Township)	17N
Legal (Range)	19E
Legal (Section)	18
Latitude	44.804
Longitude	114.26848
Date Assessment	7/30/2003
Time	14:00
Observers	J.Pyron, M.Foster, M.Haroldsen
Length	51.7
Width 1	1.4
Width 2	1.5
Width 3	1.1
Width 4	2.5
Width 5	2.6
Width 6	1.7
Width 7	2.4
Air Temperature	28.3
Water Temperature	13
pH	9.47
Conductivity	90
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	
Species 2	
Species 3	
Species 4	**Cutthroat T.**
Species 5	
Species 6	**CtxRb Hyd**
Nongame Fish Present	None
Comments	56mm fish unable to identify.

Pass #1

Cutthroat T.	CtxRb Hyd
170	129
156	126
142	126
140	125
114	117
108	112
	102
	84
	78

Site Code **215**

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Tracking Code	2003-N21
Ranger District	Challis
Watershed	Upper Salmon
Stream	Alder Creek, North Fork
Site Description	Site is located where road crosses creek.
UTM (Zone 11)	715972, 4964858
Legal (Township)	17N
Legal (Range)	19E
Legal (Section)	18
Latitude	44.80642
Longitude	114.26904
Date Assessment	7/30/2003
Time	13:25
Observers	M.Haroldsen, J.Pyron, M.Foster
Length	50.9
Width 1	1.2
Width 2	1.2
Width 3	1.2
Width 4	1.8
Width 5	0.5
Width 6	1.7
Width 7	1.5
Width 8	1.6
Width 9	1
Air Temperature	29.1
Water Temperature	17.7
pH	9.24
Conductivity	110
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	1
Number of Passes	1
Species 1	
Species 2	
Species 3	
Species 4	**Cutthroat T.**
Species 5	
Species 6	**CtxRb Hyd**
Nongame Fish Present	None
Comments	

Pass #1

Cutthroat T.	CtxRb Hyd
135	151
117	137
	117
	105
	105
	104
	91
	90
	86
	84
	82
	80
	78
	70
	65

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Site Code	**216**
Tracking Code	2003-N22
Ranger District	Challis
Watershed	Upper Salmon
Stream	Morgan Creek
Site Description	Below Sams Gulch.
UTM (Zone 11)	717036, 4967829
Legal (Township)	17N
Legal (Range)	19E
Legal (Section)	6
Latitude	44.83281
Longitude	114.25433
Date Assessment	7/30/2003
Time	12:00
Observers	J.Pyron, M.Foster, M.Haroldsen
Length	49.1
Width 1	2.1
Width 2	1.4
Width 3	1.2
Width 4	1.2
Width 5	1.5
Width 6	1.4
Width 7	1.5
Width 8	1
Width 9	0.9
Width 10	0.7
Air Temperature	25
Water Temperature	13
pH	9.93
Conductivity	40
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	
Species 2	
Species 3	
Species 4	
Species 5	
Species 6	**CtxRb Hyd**
Nongame Fish Present	None
Comments	

Pass #1

CtxRb Hyd
156
140
131
126
125
120
106
105
99
74
73
72
68
62
61
60

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Site Code	**217**
Tracking Code	2003-N23
Ranger District	Challis
Watershed	Upper Salmon
Stream	Sams Gulch
Site Description	
UTM (Zone 11)	717097, 4968850
Legal (Township)	18N
Legal (Range)	19E
Legal (Section)	32
Latitude	44.84197
Longitude	114.25313
Date Assessment	7/30/2003
Time	12:30
Observers	J.Pyron, M.Foster, M.Haroldsen
Length	55.7
Width 1	2
Width 2	1.1
Width 3	1
Width 4	1.3
Width 5	1.2
Width 6	1.3
Width 7	1.2
Air Temperature	25.6
Water Temperature	11.3
pH	9.68
Conductivity	10
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	
Species 2	
Species 3	
Species 4	
Species 5	
Species 6	
Nongame Fish Present	None
Comments	No fish were found.

Site Code	**218**
Tracking Code	2003-S1
Ranger District	Challis
Watershed	Pahsimeroi
Stream	Little Morgan, North Fork
Site Description	
UTM (Zone 11)	747554, 4954648
Legal (Township)	16N
Legal (Range)	22E
Legal (Section)	20
Latitude	44.7044
Longitude	113.8752
Date Assessment	6/20/2003
Time	13:22
Observers	M.Foster, D.Webster
Length	-
Width 1	4.8
Width 2	3.6
Width 3	4.9
Width 4	4.2
Air Temperature	10.5
Water Temperature	5
pH	NA
Conductivity	NA
Sampling Method	Snorkeling
Number of Snorkelers	-

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Species 1	
Species 2	**Bull T.**
Species 3	
Species 4	
Species 5	
Species 6	
Nongame Fish Present	None
Comments	Average depth is about 0.23. Fish barrier at 44.70802 N, 113.87236 W.

Species-Length(cm)	Number Observed
bull 0-49	
bull 50-99	3
bull 100-199	3
bull 200-299	
bull 300-399	
bull 400-499	

Site Code	**219**
Tracking Code	2003-S2
Ranger District	Challis
Watershed	Pahsimeroi
Stream	Sulphur Creek
Site Description	Above private
UTM (Zone 11)	742155, 4932368
Legal (Township)	14N
Legal (Range)	21E
Legal (Section)	34
Latitude	44.50595
Longitude	113.95375
Date Assessment	6/26/2003
Time	15:58
Observers	J.Hollist, C.Wood, M.Haroldsen
Length	59.9
Width 1	1.8
Width 2	0.5
Width 3	1.1
Width 4	1.2
Width 5	1.1
Width 6	0.7
Width 7	0.9
Width 8	0.8
Width 9	1
Air Temperature	27
Water Temperature	18
pH	9.77
Conductivity	180
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	
Species 2	
Species 3	
Species 4	
Species 5	
Species 6	
Nongame Fish Present	None
Comments	No Fish.

Site Code	**220**
Tracking Code	2003-S3
Ranger District	Challis
Watershed	Pahsimeroi
Stream	Unnamed Tributary to Cold Creek
Site Description	Left Fork tributary of Cold Creek
UTM (Zone 11)	756118, 4949356

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Legal (Township)	15N
Legal (Range)	23E
Legal (Section)	6
Latitude	44.654
Longitude	113.7696
Date Assessment	6/23/2003
Time	12:55
Observers	D.Webster, M.Foster
Length of Stream Reviewed	45
Transect	Width
1	2.5
2	3.1
3	2.3
4	2
5	2.7
Air Temperature	4
Water Temperature	5
pH	NA
Conductivity	NA
Sampling Method	Visual
DETERMINATION:	Perennial Flow - No Suitable Fish Habitat - No Additional Sampling Needed
Comments	Very little water looked at pools and pocket water in HGR. Fish barrier approximately 300 m upstream from tributary confluence, (falls approximately 1.5 m high)

Site Code	**221**
Tracking Code	2003-S4
Ranger District	Challis
Watershed	Pahsimeroi
Stream	Cold Creek
Site Description	Went 200 m approximately above right fork confluence.
UTM (Zone 11)	756165, 4949431
Legal (Township)	15N
Legal (Range)	23E
Legal (Section)	6
Latitude	44.6539
Longitude	113.7691
Date Assessment	6/23/2003
Time	12:30
Observers	D.Webster, M.Foster
Length	50
Width 1	3.7
Width 2	2.9
Width 3	3
Width 4	3.9
Width 5	2.7
Air Temperature	10
Water Temperature	5
pH	NA
Conductivity	NA
Sampling Method	Snorkeling
Number of Snorkelers	-
Species 1	
Species 2	**Bull T.**
Species 3	
Species 4	**Cutthroat T.**
Species 5	
Species 6	
Nongame Fish Present	None
Comments	Numerous fish observed. Bull trout and Cutthroat. Probable fish barrier at 30 m. One of the bull trout 0-100 had a blind eye.

Species-Length(cm)	Number Observed
bull 0-49	
bull 50-99	4
bull 100-199	4
bull 200-299	1

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

bull 300-399
bull 400-499

Species-Length(cm)	Number Observed
cutthroat 0-49	
cutthroat 50-99	
cutthroat 100-199	
cutthroat 200-299	2
cutthroat 300-399	1
cutthroat 400-499	

Site Code	**222**
Tracking Code	2003-S5
Ranger District	Challis
Watershed	Pahsimeroi
Stream	Inyo Creek
Site Description	Site begins below pond approximately 1/2 mile up canyon.
UTM (Zone 11)	764029, 4936157
Legal (Township)	14N
Legal (Range)	23E
Legal (Section)	24
Latitude	44.53234
Longitude	113.67708
Date Assessment	6/18/2003
Time	12:38
Observers	M.Foster, M.Haroldsen, J.Hollist
Length	48
Width 1	2.02
Width 2	2.1
Width 3	2.7
Width 4	2.9
Air Temperature	27.8
Water Temperature	7.1
pH	NA
Conductivity	NA
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	
Species 2	
Species 3	
Species 4	
Species 5	
Species 6	
Nongame Fish Present	None
Comments	No Fish.

Site Code	**223**
Tracking Code	2003-S6
Ranger District	Challis
Watershed	Pahsimeroi
Stream	Inyo Creek
Site Description	Site begins above beaver pond approximately 1/2 to 1 mile up canyon.
UTM (Zone 11)	764050, 4936133
Legal (Township)	14N
Legal (Range)	23E
Legal (Section)	23
Latitude	44.53151
Longitude	113.68257
Date Assessment	6/18/2003
Time	11:50
Observers	J.Hollist, M.Foster, M.Haroldsen
Length	28
Width 1	2.1

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Width 2	2.3
Width 3	1.2
Width 4	0.9
Width 5	1.1
Width 6	1.5
Air Temperature	24.8
Water Temperature	6.1
pH	NA
Conductivity	NA
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	
Species 2	
Species 3	
Species 4	
Species 5	
Species 6	
Nongame Fish Present	None
Comments	No fish shocked however, brush along stream channel makes the shocking difficult. Several pools were shocked with no fish. We continued upstream and further assessed by a visual survey. We hiked approximately another 1/4 of a mile conducting visual survey. Stream is a high gradient with intermingled pools which appear to be caused by numerous rock slides. We visually assessed the streams and ponds and are confident that there are no fish above the first beaver pond. Between pools were HGR's.

Site Code	**224**
Tracking Code	2003-S7
Ranger District	Challis
Watershed	Pahsimeroi
Stream	Spring
Site Description	Below Carlson lake
UTM (Zone 11)	759690, 4908362
Legal (Township)	11N
Legal (Range)	23E
Legal (Section)	16
Latitude	44.28408
Longitude	113.7455
Date Assessment	6/18/2003
Time	15:12
Observers	J.Hollist, M.Foster, M.Haroldsen
Length of Stream Reviewed	50
Transect	Width
1	1.3
2	0.8
3	1.25
4	0.7
Air Temperature	27.9
Water Temperature	12.7
pH	NA
Conductivity	NA
Sampling Method	Visual
DETERMINATION:	Perennial Flow - No Suitable Fish Habitat - No Additional Sampling Needed
Comments	Spring comes up below Carlson Lake outlet. Outlet is dry. However, when outlet flows it appears to form into a pond, it is a possibility during high water that the water flows over road into spring.

Site Code	**225**
Tracking Code	2003-S8
Ranger District	Challis
Watershed	Pahsimeroi
Stream	Mahogany Creek
Site Description	Site begins on upper end of mahogany where trees thicken.
UTM (Zone 11)	759940, 4897367
Legal (Township)	10N
Legal (Range)	23E
Legal (Section)	21

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Latitude	44.18516
Longitude	113.74782
Date Assessment	6/12/2003
Time	11:30
Observers	C.Wood, M.Foster, J.Hollist
Length	97
Width 1	2.1
Width 2	2.6
Width 3	2.2
Width 4	2.2
Width 5	2
Width 6	1
Air Temperature	12.2
Water Temperature	6
pH	NA
Conductivity	NA
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	
Species 2	**Bull T.**
Species 3	
Species 4	
Species 5	
Species 6	
Nongame Fish Present	None
Comments	

Pass #1

Bull T.
197
142
137
116
104
90
86
60
56

Site Code	**226**
Tracking Code	2003-S9
Ranger District	Challis
Watershed	Pahsimeroi
Stream	East Fork Pahsimeroi, left fork
Site Description	200 m above confluence of east and west forks
UTM (Zone 11)	764533, 4889500
Legal (Township)	9N
Legal (Range)	23E
Legal (Section)	14
Latitude	44.1128
Longitude	113.6944
Date Assessment	6/18/2003
Time	13:48
Observers	D.Webster, S.Mangan
Length	50
Width 1	3.6
Width 2	7.7
Width 3	4.5
Width 4	2.5
Width 5	2.9
Air Temperature	25
Water Temperature	7
pH	NA
Conductivity	NA
Sampling Method	Snorkeling

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Number of Snorkelers	-
Species 1	
Species 2	
Species 3	
Species 4	
Species 5	
Species 6	
Nongame Fish Present	None
Comments	No fish.

Site Code	**227**
Tracking Code	2003-S10
Ranger District	Challis
Watershed	Pahsimeroi
Stream	Pahsimeroi, East Fork Left Fork
Site Description	Site starts approximately 150 m downstream from buck and pole fence
UTM (Zone 11)	765734, 4888195
Legal (Township)	9N
Legal (Range)	23E
Legal (Section)	24
Latitude	44.10064
Longitude	113.68008
Date Assessment	6/17/2003
Time	12:00
Observers	J.Pyron, M.Foster
Length	111
Width 1	2
Width 2	2.1
Width 3	2.8
Width 4	4.6
Width 5	3.6
Width 6	3.5
Width 7	3.2
Air Temperature	23.6
Water Temperature	5.7
pH	NA
Conductivity	NA
Sampling Method	Electrofishing
Number of Shockers	1
Number of Netters	1
Number of Passes	1
Species 1	
Species 2	
Species 3	
Species 4	
Species 5	
Species 6	
Nongame Fish Present	None
Comments	No fish.

Site Code	**228**
Tracking Code	2003-S11
Ranger District	Challis
Watershed	Pahsimeroi
Stream	East Fork Pahsimeroi, Right Fork
Site Description	Lower site
UTM (Zone 11)	764478, 4888875
Legal (Township)	9N
Legal (Range)	23E
Legal (Section)	14
Latitude	44.1072
Longitude	113.6954
Date Assessment	6/18/2003
Time	12:42
Observers	D.Webster, S.Mangan
Length	50

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Width 1	3.3
Width 2	5.1
Width 3	7.6
Width 4	4.5
Width 5	1.9
Air Temperature	22.3
Water Temperature	4
pH	NA
Conductivity	NA
Sampling Method	Snorkeling
Number of Snorkelers	-
Species 1	
Species 2	
Species 3	
Species 4	
Species 5	
Species 6	
Nongame Fish Present	None
Comments	Below first major fish barrier observed. No Fish observed.

Site Code	**229**
Tracking Code	2003-S12
Ranger District	Challis
Watershed	Pahsimeroi
Stream	East Fork Pahsimeroi, right fork
Site Description	Upper site
UTM (Zone 11)	764611, 4888368
Legal (Township)	9N
Legal (Range)	23E
Legal (Section)	14
Latitude	44.1026
Longitude	113.694
Date Assessment	6/18/2003
Time	12:15
Observers	S.Mangan, D.Webster
Length	50
Width 1	5.4
Width 2	6.2
Width 3	5.6
Width 4	4.7
Width 5	4.6
Air Temperature	21
Water Temperature	3.5
pH	NA
Conductivity	NA
Sampling Method	Snorkeling
Number of Snorkelers	-
Species 1	
Species 2	
Species 3	
Species 4	
Species 5	
Species 6	
Nongame Fish Present	None
Comments	No fish present. Fish barriers are abundant, numerous falls.

Site Code	**230**
Tracking Code	2003-W1
Ranger District	Challis
Watershed	Upper Salmon
Stream	Crane Basin
Site Description	Where road from Lime Creek crosses creek approximately 1/4 below old cabin.
UTM (Zone 11)	738049, 4919079
Legal (Township)	12N
Legal (Range)	21E
Legal (Section)	7
Latitude	44.38784

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Longitude	114.01143
Date Assessment	6/25/2003
Time	13:30
Observers	J.Pyron, M.Foster, S.Mangan
Length of Stream Reviewed	77
Transect	Width
1	1
2	0.6
3	1.4
4	0.7
5	0.6
6	1.1
7	1.2
8	0.7
9	0.8
10	0.7
Air Temperature	18.5
Water Temperature	9.2
pH	NA
Conductivity	NA
Sampling Method	Visual
DETERMINATION:	Perennial Flow - No Suitable Fish Habitat - No Additional Sampling Needed
Comments	May go dry or become intermittent later in year.

Site Code	**231**
Tracking Code	2003-W2
Ranger District	Challis
Watershed	Upper Salmon
Stream	Lime Creek
Site Description	Directly above private boundary
UTM (Zone 11)	735049, 4921020
Legal (Township)	13N
Legal (Range)	20E
Legal (Section)	36
Latitude	44.40627
Longitude	114.04816
Date Assessment	6/25/2003
Time	14:35
Observers	J.Pyron, S.Mangan, M.Foster
Length of Stream Reviewed	75
Transect	Width
1	0.9
2	0.9
3	0.6
4	1.2
5	1.6
6	1
7	0.8
8	0.5
9	0.9
10	0.7
Air Temperature	21.5
Water Temperature	10.6
pH	NA
Conductivity	NA
Sampling Method	Visual
DETERMINATION:	Perennial Flow - No Suitable Fish Habitat - No Additional Sampling Needed
Comments	

Site Code	**232**
Tracking Code	2003-W3
Ranger District	Challis
Watershed	Upper Salmon
Stream	Lime Creek
Site Description	
UTM (Zone 11)	736272, 4921776

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Legal (Township)	13N
Legal (Range)	20E
Legal (Section)	36
Latitude	44.41267
Longitude	114.03248
Date Assessment	6/25/2003
Time	14:15
Observers	J.Pyron, S.Mangan, M.Foster
Length of Stream Reviewed	-
Transect Width	-
Air Temperature	19.8
Water Temperature	-
pH	-
Conductivity	-
Sampling Method	Visual
DETERMINATION:	No Perennial Flow - No Additional Work Needed
Comments	No water, dry channel.

Appendix C. Data collected at each site. The site numbers here correspond to the site numbers shown in Figure 2, Table 1, Table 2, and Table 3. See page 69 for information on the latitude and longitude data.

Site Code	Tracking Code	Stream Name	Date Assessed	UTM Zone	Easting	Northing
233	AP-2004-001	E.F. Burnt Cr.	1/5/2004	11	770484	4891838
234	AP-2004-002	E.F. Burnt Cr.	1/5/2004	11	770383	4890890
235	AP-2004-003	W.F. Burnt Cr.	1/5/2004	11	768876	4893358
236	AP-2004-004	W.F. Burnt Cr.	1/5/2004	11	768019	4890293
237	AP-2004-005	W.F. Burnt Cr.	1/5/2004	11	767915	4889215
238	AP-2004-006	Unnamed Trib. To W. F. Burnt Cr.	1/5/2004	11	768318	4892098
239	AP-2004-007	Unnamed Trib. To W. F. Burnt Cr.	1/5/2004	11	768396	4893215
240	AP-2004-008	Unnamed Trib. To W. F. Burnt Cr.	1/5/2004	11	767694	4892994
241	AP-2004-009	Unnamed Trib. To W. F. Burnt Cr.	1/5/2004	11	767097	4891994
242	AP-2004-010	Unnamed Trib. To E.F. Pahsimeroi	1/5/2004	11	763656	4886098
243	AP-2004-011	Unnamed Trib. To E.F. Pahsimeroi	1/5/2004	11	764870	4892144
244	AP-2004-012	Unnamed Trib. To E.F. Pahsimeroi	1/5/2004	11	764399	4890959
245	AP-2004-013	Unnamed Trib. To E.F. Pahsimeroi	1/5/2004	11	766071	4891040
246	AP-2004-014	Unnamed Trib. To E.F. Pahsimeroi	1/5/2004	11	763571	4888702
247	AP-2004-015	Unnamed Trib. To E.F. Pahsimeroi	1/5/2004	11	766380	4893069
248	AP-2004-016	Unnamed Trib. To E.F. Pahsimeroi	1/5/2004	11	765633	4893994
249	AP-2004-017	Unnamed Trib. To E.F. Pahsimeroi	1/5/2004	11	764772	4894075
250	AP-2004-018	Unnamed Trib. To Mainstem Pahsimeroi	1/6/2004	11	764009	4895017
251	AP-2004-019	Unnamed Trib. To Mainstem Pahsimeroi	1/6/2004	11	763425	4896153
252	AP-2004-020	Unnamed Trib. To E.F. Pahsimeroi	1/6/2004	11	762776	4889287
253	AP-2004-021	Unnamed Trib. To W. F. Pahsimeroi	1/6/2004	11	763458	4894075
254	AP-2004-022	Unnamed Trib. To W. F. Pahsimeroi	1/6/2004	11	763133	4892079
255	AP-2004-023	Unnamed Trib. To W. F. Pahsimeroi	1/6/2004	11	759302	4887615
256	AP-2004-024	Unnamed Trib. To W. F. Pahsimeroi	1/6/2004	11	762240	4892728
257	AP-2004-025	Unnamed Trib. To Mainstem Pahsimeroi	1/6/2004	11	762110	4895715
258	AP-2004-026	Unnamed Trib. To Mahogany Cr.	1/6/2004	11	760065	4897533
259	AP-2004-027	Unnamed Trib. To Mahogany Cr.	1/6/2004	11	759821	4897111
260	AP-2004-028	Unnamed Trib. To Mahogany Cr.	1/6/2004	11	760519	4897971
261	AP-2004-029	Unnamed Trib. To Mahogany Cr.	1/6/2004	11	760552	4899075
262	AP-2004-030	Unnamed Trib. To Mahogany Cr.	1/6/2004	11	759789	4899708
263	AP-2004-031	Unnamed Trib. To Mahogany Cr.	1/6/2004	11	756753	4896932
264	AP-2004-032	Unnamed Trib. To Mahogany Cr.	1/6/2004	11	756656	4896851
265	AP-2004-033	Unnamed Trib. To Mahogany Cr.	1/6/2004	11	757402	4895455
266	AP-2004-034	Unnamed Trib. To Mahogany Cr.	1/6/2004	11	758425	4898588
267	AP-2004-035	Unnamed Trib. To Mahogany Cr.	1/6/2004	11	757289	4898442
268	AP-2004-036	Unnamed Trib. To Double Springs Cr.	1/6/2004	11	761023	4903410
269	AP-2004-037	Unnamed Trib. To Double Springs Cr.	1/6/2004	11	760276	4902452
270	AP-2004-038	Cayuse Canyon	1/6/2004	11	759139	4902517
271	AP-2004-039	Cayuse Canyon	1/6/2004	11	758669	4901413
272	AP-2004-040	Cayuse Canyon	1/6/2004	11	757354	4900715
273	AP-2004-041	Double Springs Cr.	1/6/2004	11	755195	4910357
274	AP-2004-042	Unnamed Trib. To Double Springs Cr.	1/6/2004	11	755179	4909043
275	AP-2004-043	Double Springs Cr.	1/6/2004	11	754789	4907614
276	AP-2004-044	Unnamed Trib. To Double Springs Cr.	1/6/2004	11	755682	4908036
277	AP-2004-045	Unnamed Trib. To Double Springs Cr.	1/6/2004	11	755552	4906981
278	AP-2004-046	Unnamed Trib. To Double Springs Cr.	1/6/2004	11	753182	4908507
279	AP-2004-047	Unnamed Trib. To Double Springs Cr.	1/6/2004	11	755033	4905602
280	AP-2004-048	Double Springs Cr.	1/6/2004	11	754416	4905553
281	AP-2004-049	Unnamed Trib. To Double Springs Cr.	1/6/2004	11	753912	4904936
282	AP-2004-050	Double Springs Cr.	1/6/2004	11	753529	4902338
283	AP-2004-051	Buck Canyon	1/6/2004	11	754789	4900764
284	AP-2004-052	Unnamed Trib. To Double Springs Cr.	1/6/2004	11	757695	4905763
285	AP-2004-053	Unnamed Trib. To Double Springs Cr.	1/6/2004	11	758409	4905893
286	AP-2004-054	Unnamed Trib. To Double Springs Cr.	1/6/2004	11	757890	4905391
287	AP-2004-055	Unnamed Trib. To Double Springs Cr.	1/6/2004	11	757451	4904806
288	AP-2004-056	Unnamed Trib. To Double Springs Cr.	1/6/2004	11	758019	4902387
289	AP-2004-057	Unnamed Trib. To Double Springs Cr.	1/6/2004	11	762110	4905991
290	AP-2004-058	Unnamed Trib. To Double Springs Cr.	1/6/2004	11	762191	4906737
291	AP-2004-059	Unnamed Trib. To Double Springs Cr.	1/6/2004	11	761980	4907322
292	AP-2004-060	Unnamed Trib. To Double Springs Cr.	1/6/2004	11	760471	4908734
293	AP-2004-061	Unnamed Trib. To Double Springs Cr.	1/6/2004	11	760503	4910309
294	AP-2004-062	Unnamed Trib. To Double Springs Cr.	1/6/2004	11	752841	4902793
295	AP-2004-063	Unnamed Trib. To Double Springs Cr.	1/6/2004	11	753653	4904838
296	AP-2004-064	Christian Gulch	1/6/2004	11	753101	4911478
297	AP-2004-065	Unnamed Trib. To Christian Gulch	1/6/2004	11	753166	4911802
298	AP-2004-066	Unnamed Trib. To Christian Gulch	1/6/2004	11	751721	4910666

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299	AP-2004-067	Unnamed Trib. To Christian Gulch	1/6/2004	11	750520	4908620
300	AP-2004-068	Unnamed Trib. To Christian Gulch	1/6/2004	11	748547	4910633
301	AP-2004-069	Unnamed Trib. To Christian Gulch	1/6/2004	11	747460	4912500
302	AP-2004-070	Christian Gulch	1/6/2004	11	746859	4913555
303	AP-2004-071	Unnamed Trib. To Double Springs Cr.	1/6/2004	11	750869	4905536
304	AP-2004-072	Rock Spring Canyon	1/6/2004	11	752346	4915763
305	AP-2004-073	Unnamed Trib. to Rock Spring Canyon	1/6/2004	11	750982	4914302
306	AP-2004-074	Dead Cat Canyon	1/6/2004	11	752086	4917565
307	AP-2004-075	Dead Cat Canyon	1/6/2004	11	750933	4917175
308	AP-2004-076	Unnamed Trib. To Mainstem Pahsimeroi	1/6/2004	11	752194	4919938
309	AP-2004-077	Unnamed Trib. To Mainstem Pahsimeroi	1/6/2004	11	750744	4918501
310	AP-2004-078	Unnamed Trib. To Mainstem Pahsimeroi	1/6/2004	11	751329	4920307
311	AP-2004-079	Dry Canyon	1/6/2004	11	752067	4920943
312	AP-2004-080	Mulkey Gulch	1/6/2004	11	751546	4921185
313	AP-2004-081	Dry Canyon	1/6/2004	11	749244	4920065
314	AP-2004-082	Unnamed Trib. To Mainstem Pahsimeroi	1/6/2004	11	752258	4922533
315	AP-2004-083	Unnamed Trib. To Grouse Cr.	1/7/2004	11	748633	4923423
316	AP-2004-084	Grouse Cr.	1/6/2004	11	747845	4924631
317	AP-2004-085	Grouse Cr.	1/6/2004	11	747679	4923270
318	AP-2004-086	Grouse Cr.	1/6/2004	11	746408	4922240
319	AP-2004-087	Unnamed Trib. To Meadow Cr.	1/6/2004	11	745479	4926094
320	AP-2004-088	Unnamed Trib. To Meadow Cr.	1/6/2004	11	744983	4925445
321	AP-2004-089	Grouse Cr.	1/6/2004	11	743572	4918412
322	AP-2004-090	Meadow Cr.	1/6/2004	11	741308	4919938
323	AP-2004-091	Sulphur Cr.	1/6/2004	11	739302	4926176
324	AP-2004-092	Unnamed Trib. To Sulphur Cr.	1/6/2004	11	739403	4930358
325	AP-2004-093	Unnamed Trib. To Sulphur Cr.	1/6/2004	11	738037	4929812
326	AP-2004-094	Unnamed Trib. To Sulphur Cr.	1/6/2004	11	738026	4928937
327	AP-2004-095	Unnamed Trib. To Sulphur Cr.	1/6/2004	11	738157	4927997
328	AP-2004-096	Blind Fork of Trail Cr.	1/6/2004	11	735480	4935942
329	AP-2004-097	Unnamed Trib. To Sulphur Cr.	1/6/2004	11	737130	4934544
330	AP-2004-098	Unnamed Trib. To Trail Cr.	1/6/2004	11	736015	4931844
331	AP-2004-099	Unnamed Trib. To Trail Cr.	1/6/2004	11	737513	4932489
332	AP-2004-100	Unnamed Trib. To Trail Cr.	1/6/2004	11	735611	4933352
333	AP-2004-101	Middle Fork of Lawson Cr.	1/6/2004	11	734267	4938707
334	AP-2004-102	Unnamed Trib. To Middle Fork of Lawson Cr.	1/6/2004	11	734212	4938008
335	AP-2004-103	Unnamed Trib. To Middle Fork of Lawson Cr.	1/6/2004	11	733360	4938150
336	AP-2004-104	Unnamed Trib. To North Fork of Lawson Cr.	1/6/2004	11	733032	4939877
337	AP-2004-105	Unnamed Trib. To Mainstem Pahsimeroi	1/6/2004	11	733261	4942653
338	AP-2004-106	Sheep Cr.	1/6/2004	11	743848	4905558
339	AP-2004-107	Unnamed Trib. To Warm Springs Cr.	1/6/2004	11	742059	4907908
340	AP-2004-108	Unnamed Trib. To Sheep Cr.	1/6/2004	11	743439	4907006
341	AP-2004-109	Unnamed Trib. To Sheep Cr.	1/6/2004	11	744996	4907047
342	AP-2004-110	Unnamed Trib. To Gooseberry Cr.	1/6/2004	11	740993	4911829
343	AP-2004-111	Unnamed Trib. To McGowan Cr.	1/6/2004	11	739573	4912566
344	AP-2004-112	McGowan Cr.	1/6/2004	11	738780	4914356
345	AP-2004-113	Crane Basin	1/6/2004	11	739040	4917607
346	AP-2004-114	Unnamed Trib. To Lime Cr.	1/6/2004	11	737182	4921241
347	AP-2004-115	Unnamed Trib. To Hole-In-Rock Cr.	1/6/2004	11	736444	4923386
348	AP-2004-116	Unnamed Trib. To Hole-In-Rock Cr.	1/6/2004	11	734928	4923754
349	AP-2004-117	Hole-In-Rock Cr.	1/6/2004	11	734177	4924588
350	AP-2004-118	Unnamed Trib. To Hole-In-Rock Cr.	1/6/2004	11	735925	4925394
351	AP-2004-119	Hole-In-Rock Cr.	1/6/2004	11	734668	4927579
352	AP-2004-120	Unnamed Trib. To Hole-In-Rock Cr.	1/6/2004	11	735461	4927607
353	AP-2004-121	Hole-In-Rock Cr.	1/6/2004	11	734860	4928891
354	AP-2004-122	Unnamed Trib. To Salmon River	1/6/2004	11	732373	4930257
355	AP-2004-123	Unnamed Trib. To Salmon River	1/6/2004	11	731445	4930052
356	AP-2004-124	Unnamed Trib. To Salmon River	1/6/2004	11	732278	4928659
357	AP-2004-125	Camp Cr.	1/6/2004	11	731567	4931008
358	AP-2004-126	Unnamed Trib. To Camp Cr.	1/6/2004	11	731526	4931705
359	AP-2004-127	Unnamed Trib. To Camp Cr.	1/6/2004	11	732524	4933850
360	AP-2004-128	Unnamed Trib. To Camp Cr.	1/6/2004	11	730625	4932811
361	AP-2004-129	Leaton Gulch	1/6/2004	11	729682	4933754
362	AP-2004-130	Unnamed Trib. To Pennal Gulch	1/6/2004	11	728699	4936500
363	AP-2004-131	Unnamed Trib. To Pennal Gulch	1/6/2004	11	729204	4937552
364	AP-2004-132	Pennal Gulch	1/6/2004	11	728070	4938795
365	AP-2004-133	Dry Gulch	1/6/2004	11	727934	4939860
366	AP-2004-134	Gerry Gulch	1/6/2004	11	727975	4942647
367	AP-2004-135	Unnamed Trib. To Gerry Gulch	1/6/2004	11	728289	4943248
368	AP-2004-136	Shep Cr.	1/6/2004	11	731294	4942497

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369	AP-2004-137	Dry Gulch	1/6/2004	11	739946	4964640
370	AP-2004-138	Dry Gulch	1/6/2004	11	740923	4964543
371	AP-2004-139	Unnamed Trib. To Dry Gulch	1/6/2004	11	740493	4965051
372	AP-2004-140	Unnamed Trib. To Allison Cr.	1/6/2004	11	740611	4962297
373	AP-2004-141	Black Canyon	1/6/2004	11	741431	4957941
374	AP-2004-142	Black Canyon	1/6/2004	11	740825	4955754
375	AP-2004-143	Unnamed Trib. To Cow Cr.	1/6/2004	11	742075	4955031
376	AP-2004-144	Ennis Gulch	1/6/2004	11	740825	4952043
377	AP-2004-145	Unnamed Trib. To Ennis Gulch	1/6/2004	11	741411	4952180
378	AP-2004-146	Unnamed Trib. To Morgan Cr. (Pahsimeroi)	1/6/2004	11	743247	4952102
379	AP-2004-147	Unnamed Trib. To Cow Cr.	1/6/2004	11	745317	4957297
380	AP-2004-148	Unnamed Trib. To Cow Cr.	1/6/2004	11	745513	4955559
381	AP-2004-149	Unnamed Trib. To E.F. Morgan Cr. (Pahsimeroi)	1/6/2004	11	749438	4952707
382	AP-2004-150	Tater Cr.	1/6/2004	11	749907	4947434
383	AP-2004-151	Tater Cr.	1/6/2004	11	751469	4948899
384	AP-2004-152	Unnamed Trib. To Tater Cr.	1/6/2004	11	751333	4950383
385	AP-2004-153	Unnamed Trib. To Morse Cr.	1/9/2004	11	754159	4946670
386	AP-2004-154	Unnamed Trib. To Morse Cr.	1/9/2004	11	755036	4946629
387	AP-2004-155	Unnamed Trib. To Morse Cr.	1/9/2004	11	756751	4947874
388	AP-2004-156	Cold Cr.	1/9/2004	11	755934	4950487
389	AP-2004-157	Unnamed Trib. To Cold Cr.	1/9/2004	11	753914	4949935
390	AP-2004-158	Unnamed Trib. To Cold Cr.	1/9/2004	11	754975	4949935
391	AP-2004-159	Unnamed Trib. To Mainstem Pahsimeroi	1/9/2004	11	753404	4943221
392	AP-2004-160	Unnamed Trib. To Mainstem Pahsimeroi	1/9/2004	11	754690	4942793
393	AP-2004-161	Unnamed Trib. To Falls Cr.	1/9/2004	11	758526	4943976
394	AP-2004-162	Unnamed Trib. To Falls Cr.	1/9/2004	11	758690	4945079
395	AP-2004-163	Unnamed Trib. To Falls Cr.	1/9/2004	11	757873	4942568
396	AP-2004-164	Unnamed Trib. To Falls Cr.	1/9/2004	11	759241	4943629
397	AP-2004-165	Unnamed Trib. To Falls Cr.	1/9/2004	11	760159	4947895
398	AP-2004-166	Unnamed Trib. To Patterson Cr.	1/9/2004	11	764281	4937629
399	AP-2004-167	Unnamed Trib. To Patterson Cr.	1/9/2004	11	764037	4940650
400	AP-2004-168	Inyo Cr.	1/9/2004	11	766465	4935833
401	AP-2004-169	Unnamed Trib. To Inyo Cr.	1/9/2004	11	766833	4934731
402	AP-2004-170	Unnamed Trib. To North Fork of Big Cr.	1/9/2004	11	774200	4927915
403	AP-2004-171	Unnamed Trib. To North Fork of Big Cr.	1/9/2004	11	772282	4929425
404	AP-2004-172	Unnamed Trib. To North Fork of Big Cr.	1/9/2004	11	773118	4930221
405	AP-2004-173	Unnamed Trib. To North Fork of Big Cr.	1/9/2004	11	772608	4930752
406	AP-2004-174	Unnamed Trib. To North Fork of Big Cr.	1/9/2004	11	773098	4932690
407	AP-2004-175	Unnamed Trib. To North Fork of Big Cr.	1/9/2004	11	773404	4934262
408	AP-2004-176	Unnamed Trib. To South Fork Big Cr.	1/9/2004	11	774873	4926241
409	AP-2004-177	Unnamed Trib. To South Fork Big Cr.	1/9/2004	11	775486	4926405
410	AP-2004-178	Unnamed Trib. To South Fork Big Cr.	1/9/2004	11	777873	4927425
411	AP-2004-179	Unnamed Trib. To South Fork Big Cr.	1/9/2004	11	777935	4926527
412	AP-2004-180	Unnamed Trib. To South Fork Big Cr.	1/9/2004	11	779404	4926384
413	AP-2004-181	Unnamed Trib. To South Fork Big Cr.	1/9/2004	11	779710	4925792
414	AP-2004-182	Unnamed Trib. To South Fork Big Cr.	1/9/2004	11	781404	4924609
415	AP-2004-183	Unnamed Trib. To South Fork Big Cr.	1/9/2004	11	777322	4922711
416	AP-2004-184	Unnamed Trib. To South Fork Big Cr.	1/9/2004	11	779484	4920438
417	AP-2004-185	Unnamed Trib. To Big Gulch Cr.	1/9/2004	11	779574	4918003
418	AP-2004-186	Unnamed Trib. To Big Gulch Cr.	1/9/2004	11	781238	4918094
419	AP-2004-187	Big Gulch Cr.	1/9/2004	11	780935	4916567
420	AP-2004-188	Unnamed Trib. To Big Gulch Cr.	1/9/2004	11	777654	4917232
421	AP-2004-189	Unnamed Trib. To Big Gulch Cr.	1/9/2004	11	778667	4917459
422	AP-2004-190	Unnamed Trib. To Big Gulch Cr.	1/9/2004	11	777775	4916264
423	AP-2004-191	Snowslide Cr.	1/9/2004	11	777639	4919077
424	AP-2004-192	Unnamed Trib. To Big Gulch Cr.	1/9/2004	11	776489	4918109
425	AP-2004-193	Unnamed Trib. To Big Gulch Cr.	1/9/2004	11	776141	4918124
426	AP-2004-194	Hillside Cr.	1/9/2004	11	775673	4920211
427	AP-2004-195	Bear Cr.	1/9/2004	11	772890	4919379
428	AP-2004-196	Ditch Cr.	1/9/2004	11	773843	4920907
429	AP-2004-197	Unnamed Trib. To Ditch Cr.	1/9/2004	11	772663	4921890
430	AP-2004-198	Unnamed Trib. To Ditch Cr.	1/9/2004	11	773525	4922313
431	AP-2004-199	Ditch Cr.	1/9/2004	11	773359	4921920
432	AP-2004-200	Unnamed Trib. To Big Cr.	1/9/2004	11	770637	4924793
433	AP-2004-201	Mill Cr.	1/9/2004	11	767265	4932309
434	AP-2004-202	Mahogany Cr.	1/9/2004	11	759310	4939099
435	AP-2004-203	Unnamed Trib. To Mahogany Cr.	1/9/2004	11	758796	4939583
436	AP-2004-204	Unnamed Trib. To Mahogany Cr.	1/9/2004	11	760006	4940505
437	AP-2004-205	Mahogany Cr.	1/9/2004	11	761231	4940490
438	AP-2004-206	Cherry Cr.	1/9/2004	11	723178	4952829

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439	AP-2004-207	Unnamed Trib. To Cherry Cr.	1/9/2004	11	723083	4954063
440	AP-2004-208	Unnamed Trib. To Ellis Cr.	1/9/2004	11	723102	4955050
441	AP-2004-209	Unnamed Trib. To Ellis Cr.	1/9/2004	11	723843	4956626
442	AP-2004-210	Unnamed Trib. To Ellis Cr.	1/9/2004	11	722893	4957006
443	AP-2004-211	Unnamed Trib. To Ellis Cr.	1/9/2004	11	723881	4958069
444	AP-2004-212	Unnamed Trib. To Ellis Cr.	1/9/2004	11	722837	4957488
445	AP-2004-213	DeWitt Cr.	1/9/2004	11	717147	4961776
446	AP-2004-214	Unnamed Trib. To Morgan Cr.	1/9/2004	11	717164	4960803
447	AP-2004-215	Unnamed Trib. To Corral Cr.	1/9/2004	11	718740	4965970
448	AP-2004-216	Unnamed Trib. To Mill Cr.	1/9/2004	11	711158	4933261
449	AP-2004-217	Unnamed Trib. To Mill Cr.	1/9/2004	11	710840	4932674
450	AP-2004-218	Big Hill Gulch	1/9/2004	11	710789	4930980
451	AP-2004-219	Big Hill Gulch	1/9/2004	11	711125	4931265
452	AP-2004-220	Big Hill Gulch	1/9/2004	11	711008	4930795
453	AP-2004-221	Jeffs Cr.	1/9/2004	11	710337	4935022
454	AP-2004-222	Jeffs Cr.	1/9/2004	11	711678	4935760
455	AP-2004-223	Unnamed Trib. To Jeffs Cr.	1/9/2004	11	710219	4933865
456	AP-2004-224	Unnamed Trib. To Jeffs Cr.	1/9/2004	11	711561	4935357
457	AP-2004-225	Unnamed Trib. To Jeffs Cr.	1/9/2004	11	711259	4936179
458	AP-2004-226	Unnamed Trib. To Jeffs Cr.	1/9/2004	11	710018	4935676
459	AP-2004-227	Pats Cr.	1/9/2004	11	710638	4942654
460	AP-2004-228	Lodgepole Creek	1/9/2004	11	703610	4934770
461	AP-2004-229	Unnamed Trib. To Challis Cr.	1/9/2004	11	711377	4939870
462	AP-2004-230	Unnamed Trib. To Challis Cr.	1/9/2004	11	712282	4940121
463	AP-2004-231	Unnamed Tributary to Pork Creek	1/15/2004	11	717898	4958817
464	AP-2004-232	Pork Creek	1/15/2004	11	718242	4959047
465	AP-2004-233	Unnamed Tributary to Stephens Gulch	1/15/2004	11	718222	4959932
466	AP-2004-234	Unnamed Tributary to Sawmill Creek	1/15/2004	11	720086	4962364
467	AP-2004-235	Sawmill Creek	1/15/2004	11	719559	4961938
468	AP-2004-236	Unnamed Tributary to Corral Creek	1/15/2004	11	719994	4963397
469	AP-2004-237	Unnamed Tributary to Sawmill Creek	1/15/2004	11	720532	4962809
470	AP-2004-238	Pig Creek	1/15/2004	11	717715	4957237
471	AP-2004-239	Unnamed Tributary to Pig Creek	1/15/2004	11	717169	4956245
472	AP-2004-240	Unnamed Tributary to Block Creek	1/15/2004	11	718364	4955252
473	AP-2004-241	Unnamed Tributary to Pats Creek	1/15/2004	11	709621	4943616
474	AP-2004-242	Unnamed Tributary to Darling Creek	1/15/2004	11	714129	4945951
475	AP-2004-243	Unnamed Tributary to Darling Creek	1/15/2004	11	714231	4948363