

The Status of Fishes on the Yankee Fork Ranger District, Salmon-Challis National Forest



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INTRODUCTION

The Yankee Fork Ranger District covers 1,442 km² of national forest land in the Upper Salmon River basin (Appendix A, Figure 1). Major streams on the district include Yankee Fork Salmon River, Valley Creek, Basin Creek, Thompson Creek, Squaw Creek, Bayhorse Creek, and Herd Creek. While data relating to fish populations have been collected from many streams on the district there are no data available from other streams. Furthermore, recent data are not available for many streams where data have been collected in the past. This lack of data has limited the ability of managers to ensure the protection of native fish populations and 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 across the Yankee Fork Ranger District. The specific objectives were to 1) determine species occurrence and distribution across the entire ranger district, 2) estimate species abundance in selected stream reaches, and 3) provide the data to interested parties in a report format. The study area included the entire Yankee Fork Ranger District and the study was conducted in 2006 and 2007.

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. Streams were 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.

Perennial streams were sampled to determine whether or not fish were present. This involved sampling a representative stream reach by visual assessment, electrofishing, or snorkeling. Sampling sites were accessed by pickup, foot, horse, motorcycle, four-wheeler, and helicopter. The visual assessments involved an observer walking along the stream and carefully examining the stream for fish. This technique was only used on small streams when the presence of fish was unlikely and confidence was high that any fish present would be detected. Whenever fish were observed or the observer was not confident that fish could be detected with a visual survey the stream was sampled using electrofishing or snorkeling. Electrofishing was completed with a backpack electrofishing unit and one or more netters and involved making a single upstream pass through the stream reach. All salmonids captured were identified to species and total length measured to the nearest mm. The presence of non-salmonid species was noted but they were generally not enumerated or measured. Snorkeling involved one or two observers making a single pass through the stream reach. All salmonids observed were identified to species and length estimated and assigned to one of the following size classes: 0-100, 101-200, 201-300, 301-400, 401-500, and 501-600 mm. As with electrofishing, the presence of any non-salmonid species was noted but they were not enumerated or measured.

Salmonid species abundance was estimated at selected sites using multiple pass electrofishing or snorkeling. In electrofishing sites this involved making two or three 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 based solely on length at 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 100 mm. However, the population estimate for Chinook

salmon in both electrofishing and snorkeling sites included all fish observed. We calculated species density by dividing the population estimate by the surface area of the site. The surface area was calculated by multiplying the mean wetted width by the length sampled.

We attempted to identify trout hybrids in the field and listed them separately on our field forms. However, we were not confident in our ability to correctly differentiate cutthroat trout (*Oncorhynchus clarki*) and cutthroat trout x rainbow trout hybrids (*O. clarki* x *O. mykiss*) based on phenotypic features. Therefore, for the analysis portion of this report including the tables and maps, we grouped fish identified as cutthroat trout x rainbow trout hybrids with cutthroat trout. However, the original field data that differentiates cutthroat trout and cutthroat trout x rainbow trout hybrids is provided in Appendix C. Brook trout x bull trout hybrids (*Salvelinus fontinalis* x *S. confluentus*) 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 and time associated with this task. However, we did collect and preserve representative voucher specimens of sculpin from several locations. These specimens have been deposited in the Orma J. Smith Museum of Natural History at the 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.

We generally did not collect data from the Squaw Creek and Thompson Creek drainages but instead used data recently collected from these areas by the Idaho Department of Fish and Game (IDFG). The IDFG completed work in the Squaw Creek drainage in 2003 and the Thompson Creek drainage in 2004 that was nearly identical to the work we were doing in this study. Therefore, we elected to use their data from these drainages thereby allowing us to focus on other areas. The only exception to this is a long term monitoring site that we established on upper Thompson Creek to monitor trends in bull trout abundance. The IDFG data from these two drainages are summarized in Murphy and Horsmon (2004) and Warren and Thabes (2005) and the raw data were provided to us by Patrick Murphy, Regional Fishery Biologist, Idaho Department of Fish and Game. We used the density estimates provided by Warren and Thabes (2005) for the sites in the Thompson Creek drainage since those estimates were calculated using the same process that we used. However, the density estimates provided by Murphy and Horsmon (2004) for the sites in the Squaw Creek drainage were calculated using a process different from what we used so we recalculated the population estimates for the sites in that drainage.

We also used data from other agencies in five locations where we had limited data. This included 1) a site on Valley Creek sampled in 2004 by the Shoshone-Bannock Tribes, the data for which were provided to us by Andre E. Kohler, Aquatic Biologist, Shoshone-Bannock Tribes; 2) two sites on Basin Creek sampled in 2002 by the Idaho Department of Environmental Quality, the data for which were downloaded from their agency website; and 3) two sites on Basin Creek which were sampled in 2002 by the IDFG, the data for which were obtained from Brimmer et al. (2006).

This study did not target mountain lakes. Although formal surveys have been completed on some mountain lakes there has not been a comprehensive assessment of all mountain lakes on the Yankee Fork Ranger District. However, we did review existing reports published by the IDFG for data collected from mountain lakes during formal surveys and we collected additional information through interviews with anglers that had visited mountain lakes on the district. We have summarized that data in this report. Although this does not replace a compressive mountain lake assessment it should describe fish occurrence in mountain lakes to the extent possible with the available data.

The data collected in this study were used to develop maps depicting fish species occurrence and

distribution. This was done by first summarizing the data collected at each sampling site and entering it into a GIS database. The GIS database used the UTM coordinate system and the North American Datum of 1927 (NAD 27). This database was then used to generate a GIS point layer depicting each sampling site and species occurrence across the sampling sites. We did not include data from mountain lakes in this mapping effort because those data were collected as far back as 1955 and may not reflect the species that currently occupy each lake.

This layer was then used to develop a layer depicting the distribution of each fish species within streams. This was done by creating a copy of the National Hydrography Dataset (NHD) stream layer which was then overlaid with the point layer. This allowed us to identify those streams where each species was observed. We then projected the likely distribution of each species within the stream based on the sites where the species was observed; information obtained from field observations, aerial photographs, and topographical maps; and professional judgment.

We followed four general rules in mapping species distributions. First, if a species was present in two consecutive sites it was assumed that the species occurred in all stream reaches between the two sites. Second, when a species was not observed at a site but was present at the site immediately above and immediately below the site, the species distribution was assumed to extend through the site where it was not observed. If, in the above situation, there was not a site below the site in which the species was not observed but the species was known to be present in the next stream down from the site, the species distribution was assumed to extend through the site where it was not observed. Third, when a species was not observed at two or more consecutive sites but was present above and below those sites we did not extend the species distribution through the sites. However, if it were likely that the species occurred on at least a seasonal basis in those areas, the areas were coded as “Species Not Detected but Assumed Migratory Corridor”. For example, cutthroat trout were not observed in three consecutive sites in the middle section of the Yankee Fork Salmon River but were observed in the river both above and below this point. Although cutthroat trout were not observed in this section of river other data indicate that they are present in this reach at least seasonally. Therefore, this section of river was coded “Species Not Detected but Assumed Migratory Corridor”. Fourth, we did not attempt to project species distributions into streams that were not sampled.

While this process provides a picture of individual species distributions it also has several limitations. First, this process only depicts distribution at the time of sampling and may not reflect seasonal movements of species. For example, a species may move into a stream in the winter where it was not observed in the summer. Second, this process may not detect species when they occur at very low densities or in a portion of a stream that was not sampled. This could result in underestimating species distribution. Finally, there has not been a comprehensive assessment completed for all mountain lakes on the district and we did not sample mountain lakes. Although we did summarize all known fish data collected by others from mountain lakes on the district, the lack of a complete assessment of all mountain lakes means that additional species other than those documented could occur in these lakes or that lakes other than those identified also contain fish.

RESULTS AND DISCUSSION

We assessed a total of 337 sites during this study (Appendix A, Figure 2; Appendix B, Table 1). Perennial streams were found at 183 sites whereas intermittent-ephemeral streams were found at 154 sites. Of the 183 perennial sites, 11 were assessed by visual survey, 167 by electrofishing, and 5 by snorkeling. Fish were collected in 138 of the 183 perennial sites and we estimate that fish occur in approximately 317 km of stream on the Yankee Fork Ranger District. The data collected from each site is provided in Appendix C.

We documented ten types of fish during this study (Appendix B, Table 2; Appendix C). This included steelhead/rainbow trout (*O. mykiss*), cutthroat trout, bull trout, brook trout, mountain whitefish (*Prosopium williamsoni*), sculpin (*Cottus* spp.), Chinook salmon (*Oncorhynchus tshawytscha*), longnose dace (*Rhinichthys cataractae*), cutthroat trout x rainbow trout hybrids, and brook trout x bull trout hybrids.

Salmonid density was estimated at 13 sites (Appendix B, Table 3). Densities ranged from 0.0 fish/100 m² at one site in the Yankee Fork to 36.2 fish/100 m² in the upper portion of Thompson Creek.

Fish have been observed in at least fourteen mountain lakes on the district (Table 4).

Steelhead/Rainbow Trout

Steelhead/rainbow trout have a moderate distribution across the district (Appendix A, Figure 3; Appendix B, Table 2). This species was found in 43 (31%) of the sites that contained fish and is estimated to occur in approximately 115 km of stream on the district. Rainbow trout have also been documented in Bayhorse Lake #1 (Big Bayhorse Lake), Bayhorse Lake #2 (Little Bayhorse Lake), Lower Valley Creek Lake, and Valley Creek Lake #1 (Table 4).

Cutthroat Trout (including cutthroat trout x rainbow trout hybrids)

Cutthroat trout (including cutthroat trout x rainbow trout hybrids) are the most widely distributed fish species on the district (Appendix A, Figure 4; Appendix B, Table 2). This species was found in 99 (72%) of the sites that contained fish. Cutthroat trout also appear to be present on at least a seasonal basis in some of the areas where we did not collect them. We did not observe cutthroat trout in the lower reach of Basin Creek, the lower reach of Thompson Creek, and the middle section of the Yankee Fork Salmon River. However, we did observe cutthroat trout in the upper portions of these drainages and radio telemetry work has shown that cutthroat trout migrate into and spawn in the lower reaches of these streams (Schoby and Curet 2007). Therefore, we classified these reaches as migratory corridors. Similarly, we did not observe cutthroat trout in portions of the lower reach of Valley Creek. However, they were observed in East Fork Valley Creek, the upper portion of Valley Creek, and at a site on Valley Creek below the Forest boundary. The occurrence of cutthroat trout in these areas suggests that cutthroat trout move through the section of Valley Creek where we did not observe them on at least a seasonal basis. Therefore, we classified this reach as a migratory corridor.

In total, we classified 233 km of stream as occupied by cutthroat trout and an additional 38 km of stream as “species not detected but assumed migratory corridor”. Overall, it appears that cutthroat trout occupy approximately 271 km of stream on the Yankee Fork Ranger District. Cutthroat trout have also been documented in Cabin Creek Lake #4 (Crimson Lake), Cabin Creek Lake #7, Cabin Creek Peak Lake #3, Cabin Creek Peak Lake #4, East Basin Lake #1, East Basin Lake #2, Hindman Lake, Lightning Lake, Valley Creek Lake #1, and Valley Creek Lake #2.

Although cutthroat trout are widespread across the district they appear to have a very limited distribution in that portion of the Herd Creek drainage on national forest lands. The only cutthroat trout that we observed in this area was a single fish collected at a site in the lower reach of East Pass Creek (Side Code 251) and the fish appeared to be a cutthroat trout x rainbow trout hybrid (Appendix C). Cutthroat trout have also been observed in Lake Creek, a tributary which enters Herd Creek below the forest boundary (Challis Field Office, Bureau of Land Management, unpublished data), indicating they do occur elsewhere in the drainage. However, it is unclear why they are not more widespread in the Herd Creek drainage on national forest lands.

Bull Trout

Bull trout are widely distributed across the district (Appendix A, Figure 5; Appendix B, Table 2).

This species was found in 47 (34%) of the sites that contained fish. Bull trout also appear to be present on at least a seasonal basis in some of the areas where we did not collect them. We did not observe bull trout in the lower reaches of Valley Creek, Basin Creek, Yankee Fork Salmon River, Thompson Creek, or Squaw Creek. However, we did observe bull trout in the upper portions of these drainages and it is likely that this species moves through these areas on at least a seasonal basis. Schoby and Curet (2007) documented fluvial bull trout spawning in the lower reach of Basin Creek. On July 18, 2006, we collected a 461 mm bull trout in Basin Creek above Sunday Creek (Site Code 4) (Appendix C) which may have been a fluvial fish which had migrated through the lower reach of Basin Creek. On July 16, 2007, the Sawtooth National Forest collected two bull trout in East Valley Creek, a tributary to Valley Creek, which were 440 and 470 mm in length (J. Wofford, Sawtooth National Forest, personal communication). These fish were likely fluvial fish which had migrated through Valley Creek and into East Valley Creek to spawn. Radio telemetry work has also shown that bull trout migrate through the lower reach of Yankee Fork Salmon River (Schoby and Curet 2007). Although we did not observe bull trout in the lower reach of Thompson Creek and Squaw Creek it is likely that they move through these areas on at least a seasonal basis. Since evidence suggests that bull trout occupy the lower reaches of Valley Creek, Basin Creek, Yankee Fork Salmon River, Thompson Creek, and Squaw Creek on at least a seasonal basis, we classified these reaches as migratory corridors.

The isolated nature of Meridian Creek in the Herd Creek drainage limited our ability to sample that stream. Subsequently, we were only able to sample one site in Meridian Creek (Site Code 173) and no fish were found. The next downstream site was in the West Fork Herd Creek (Site Code 112) approximately 10 stream km downstream of the Meridian Creek site. Steelhead/rainbow trout and sculpin were found at this site but bull trout were not collected. However, bull trout were collected at a site in West Fork Herd Creek (Site Code 48) which was approximately 12 km downstream of the Meridian Creek site and in 2007 personnel from the Idaho Department of Fish and Game made visual observations of bull trout in Meridian Creek approximately 3 stream km downstream of our Meridian Creek sampling site (J. Fredericks, Idaho Department of Fish and Game, personal communication). For these reasons, we extended the distribution of bull trout up West Fork Herd Creek and into the lower reach of Meridian Creek.

In total, we classified 162 km of stream as occupied by bull trout and an additional 47 km of stream as “species not detected but assumed migratory corridor”. Overall, it appears that bull trout occupy approximately 209 km of stream on the Yankee Fork Ranger District.

Brook Trout

Brook trout have a limited distribution across the district (Appendix A, Figure 6; Appendix B, Table 2). This species was found in only six (4%) of the sites that contained fish and is estimated to occur in approximately 18 km of stream.

The limited distribution of brook trout on the Yankee Fork Ranger District was somewhat surprising. Brook trout occur in numerous streams in the upper Salmon River basin (Curet et al. 2008, Esselman et al. 2007, Esselman et al. 2008, Bartel et al. 2004) and in numerous streams in that portion of the Middle Fork Salmon River basin immediately to the west of the study area (Salmon-Challis National Forest, unpublished data). However, on the Yankee Fork Ranger District we only observed brook trout in the Valley Creek and Joes Gulch drainages. Brook trout have been found in the mainstem Salmon River between Challis and Stanley (Lukens and Davis 1989, Partridge 1986) and occur in tributaries to the Salmon River immediately to the south of the Yankee Fork Ranger District such as Little Casino Creek, Big Casino Creek, and Rough Creek (Esselman et al. 2007b; Idaho Department of Environmental Quality, unpublished data). Although brook trout clearly have access to numerous streams on the Yankee Fork Ranger District it appears they have not become established in most streams.

Interestingly, brook trout also do not appear to occur in any mountain lakes on the Yankee Fork Ranger District. Although brook trout are known to occur in numerous mountain lakes in drainages adjacent to the Yankee Fork Ranger District (Curet et al. 2008, Esselman et al. 2007a, Esselman et al. 2008, Esselman et al. 2007b, Brimmer et al. 2006, Brimmer et al. 2003, Liter and Lukens 1996, Liter et al. 1999, Liter et al. 2000, Curet et al. 2000, Garren et al. 2006, Larkin et al. 2001, Kozfkay and Koenig 2006, Elle 1998) we could not identify any mountain lakes on the district that currently hold brook trout (Table 4). Brook trout have been stocked in Bayhorse Lake #1 and were apparently caught in the lake in 1955 (IDFG 1955). However, to our knowledge they have not been found in the lake since that time (Table 4).

Brook Trout x Bull Trout Hybrids

Brook trout x bull trout hybrids have a limited distribution across the district (Appendix A, Figure 7; Appendix B, Table 2). This species was found in only 2 (1%) of the sites that contained fish and is estimated to occur in approximately 8 km of stream on the district. These hybrids were found only in portions of the Valley creek drainage.

Mountain Whitefish

Mountain whitefish have a moderate distribution across the district (Appendix A, Figure 8; Appendix B, Table 2). This species was found in 11 (8%) of the sites that contained fish and is estimated to occur in approximately 45 km of stream on the district.

Chinook Salmon

Chinook salmon have a moderate distribution across the district (Appendix A, Figure 9; Appendix B, Table 2). This species was found in 11 (8%) of the sites that contained fish and is estimated to occur in approximately 65 km of stream on the district.

Juvenile Chinook salmon were observed at all but one of the sites containing Chinook salmon while adults were observed at two sites (Appendix C). Juvenile Chinook salmon and one dead adult Chinook salmon were observed in the West Fork Yankee Fork at the site below Deadwood Creek on September 8, 2006 (Site Code 122). The adult fish was approximately 600-700 mm in length. Three live adult Chinook salmon were found in Herd Creek at the site below Bull Gulch on August 7, 2006 (Site Code 46). These fish were all approximately 700 mm in length. No juvenile Chinook salmon were observed at this site.

Sculpin

Sculpin are widely distributed across the district (Appendix A, Figure 10; Appendix B, Table 2). This species was found in 52 (38%) of the sites that contained fish and is estimated to occur in approximately 161 km of stream on the district.

Longnose Dace

Longnose dace appear to have a very limited distribution on the district (Appendix A, Figure 11; Appendix B, Table 2). This species was found at only one (<1%) of the sites that contained fish and is estimated to occur in less than 1 km of stream on the district. This species was collected in Basin Creek at the site at the mouth of Coal Creek (Site Code 6). Two individuals were collected at this site.

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APPENDICES

APPENDIX A – FIGURES

Figure 1. General overview of study area. Salmon-Challis National Forest (light green) and Yankee Fork Ranger District (dark green).

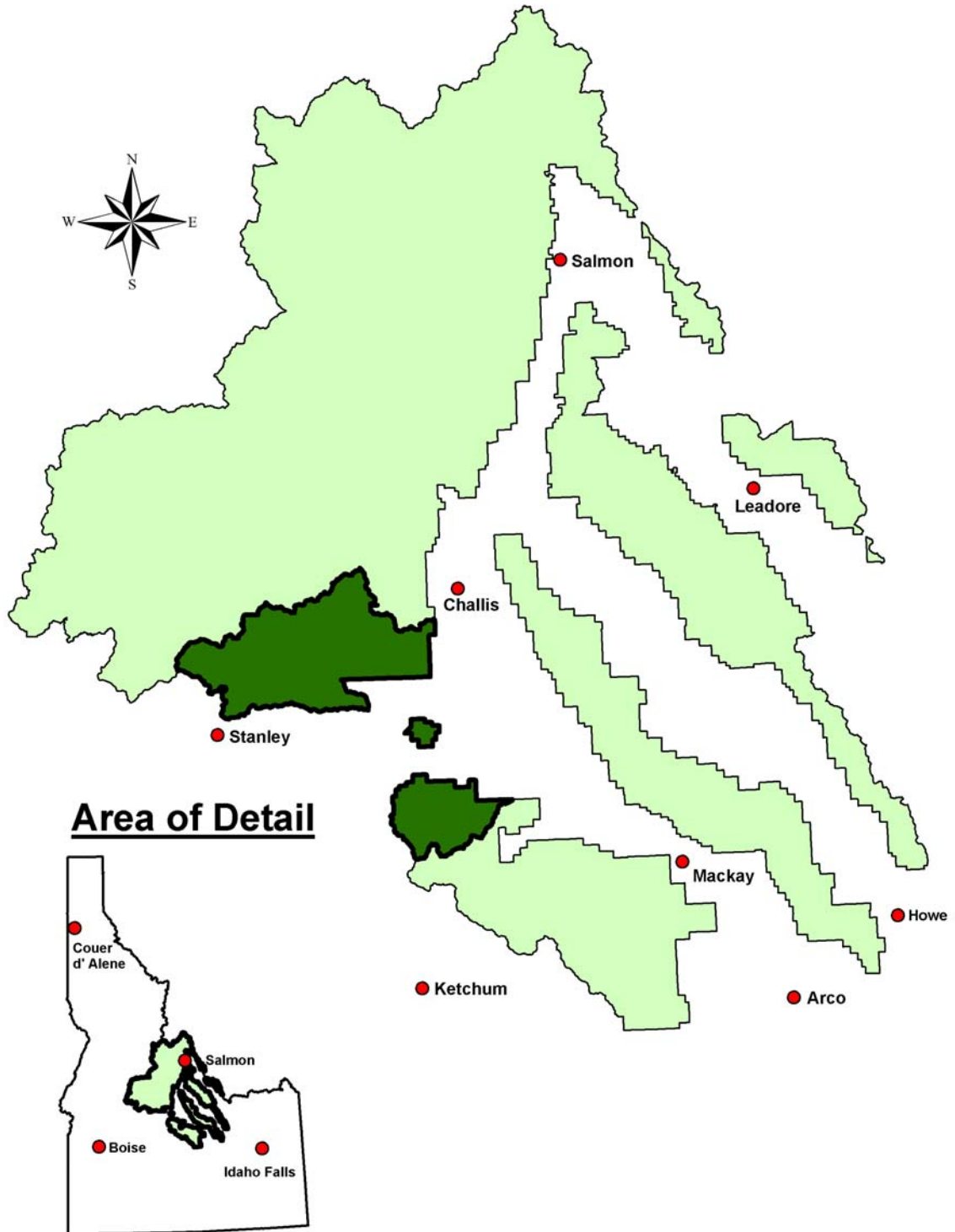


Figure 2. Sampling sites on the Yankee Fork Ranger District. The site codes on this map correspond to the site codes in the tables and Appendix C.

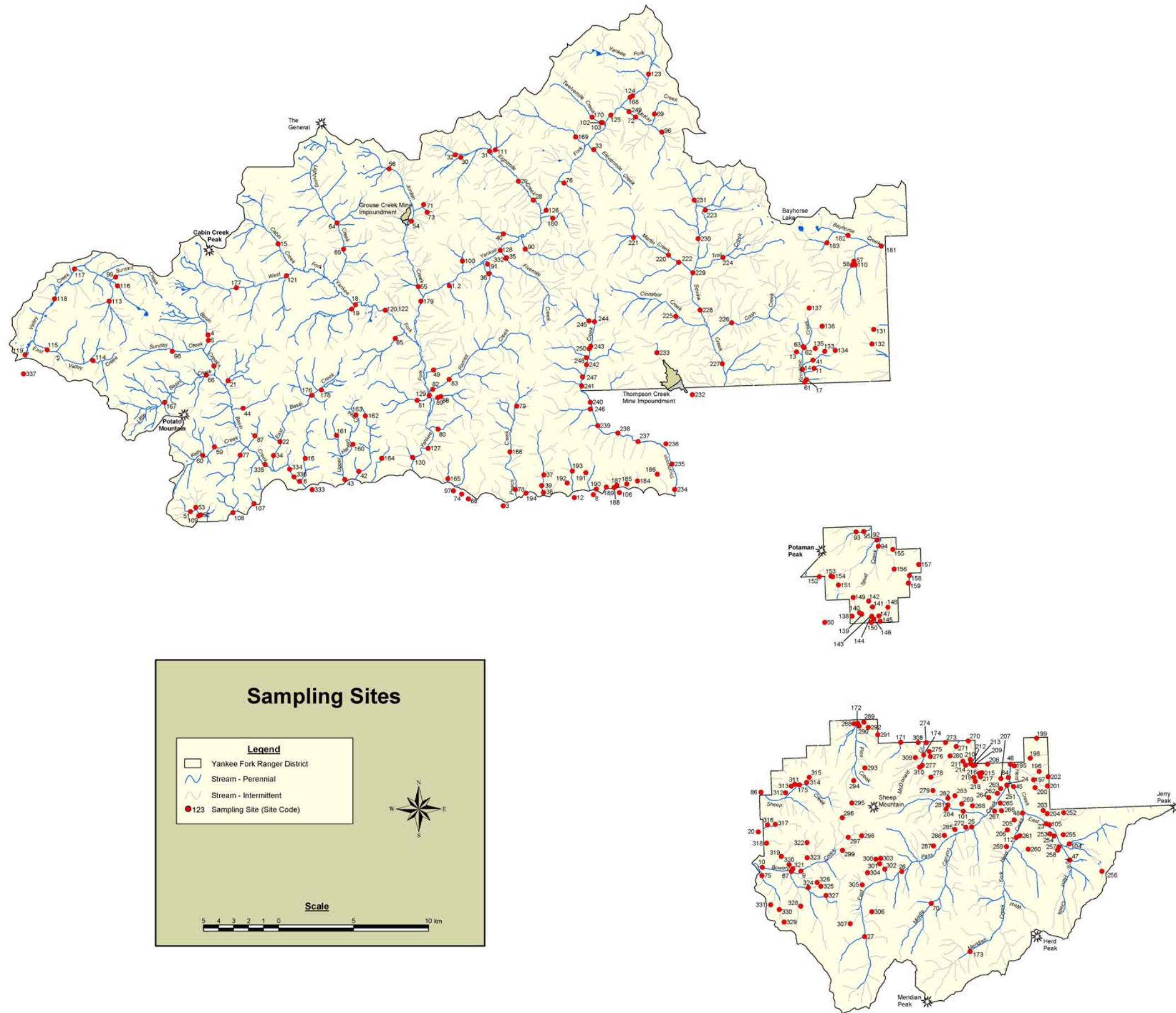


Figure 3. Rainbow trout/steelhead distribution on the Yankee Fork Ranger District. The site codes on this map correspond to the site codes in the tables and Appendix C.

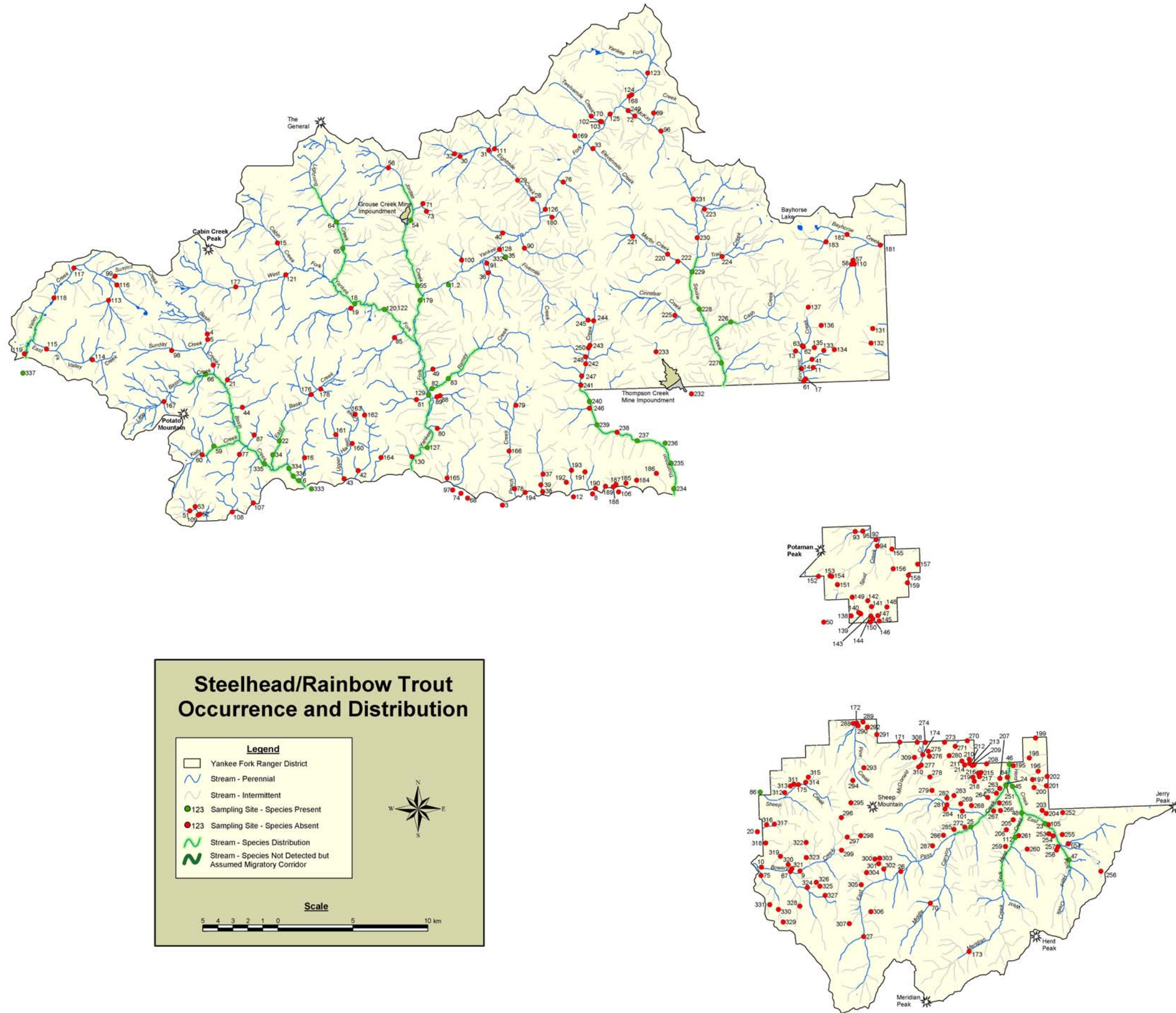


Figure 4. Cutthroat trout (including cutthroat trout x rainbow trout hybrids) distribution on the Yankee Fork Ranger District. The site codes on this map correspond to the site codes in the tables and Appendix C.

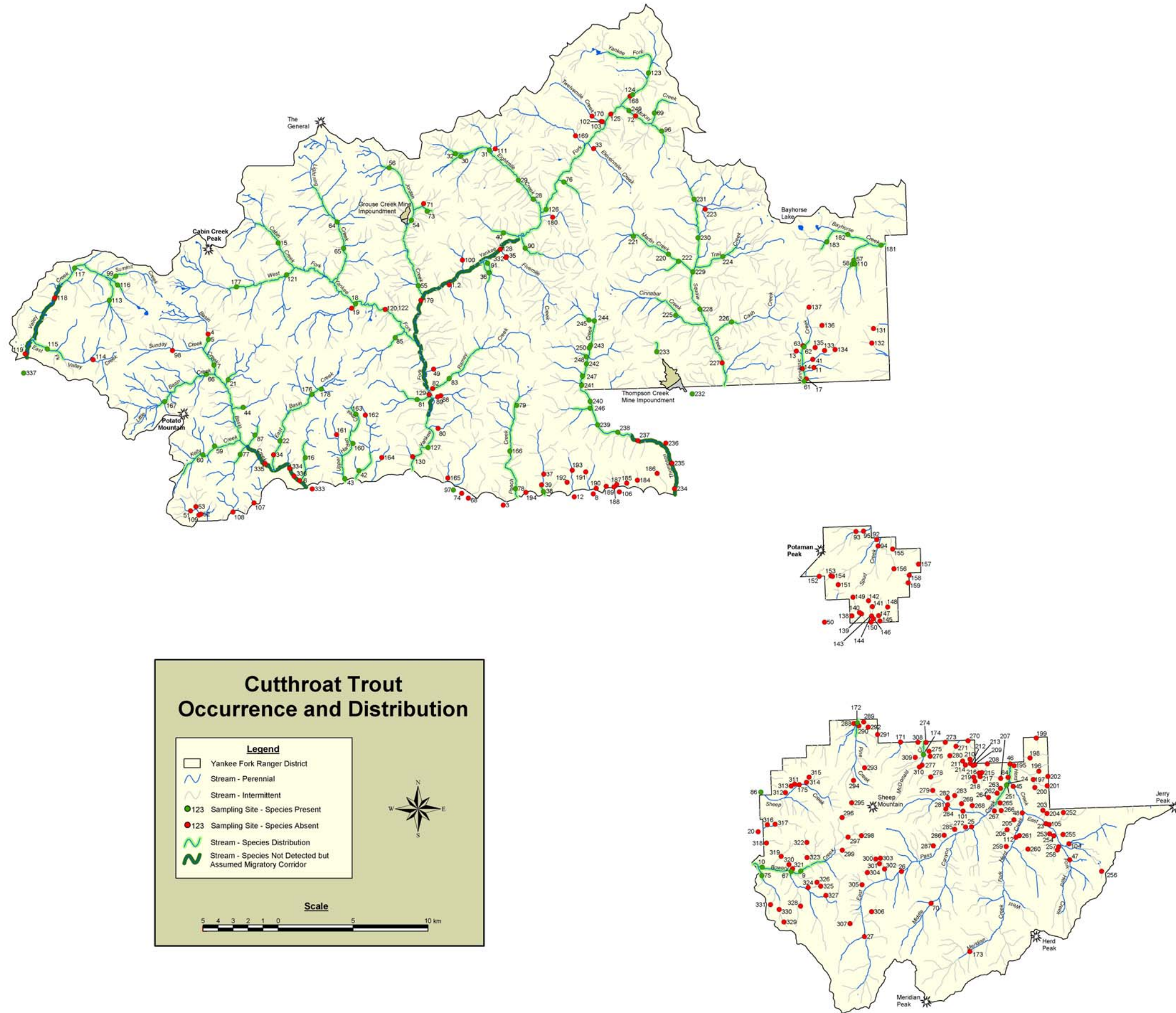


Figure 5. Bull trout distribution on the Yankee Fork Ranger District. The site codes on this map correspond to the site codes in the tables and Appendix C.

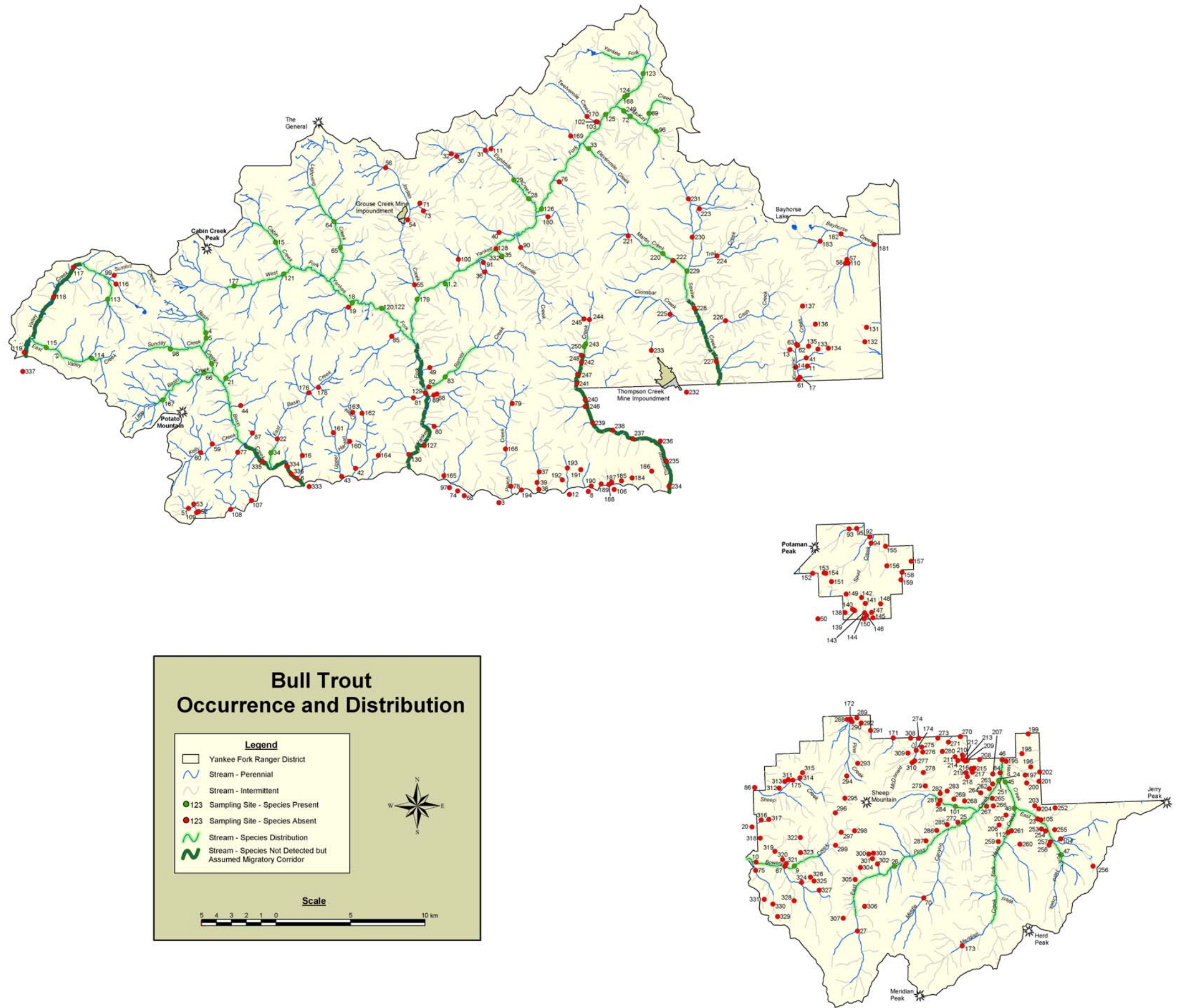


Figure 6. Brook trout distribution on the Yankee Fork Ranger District. The site codes on this map correspond to the site codes in the tables and Appendix C.

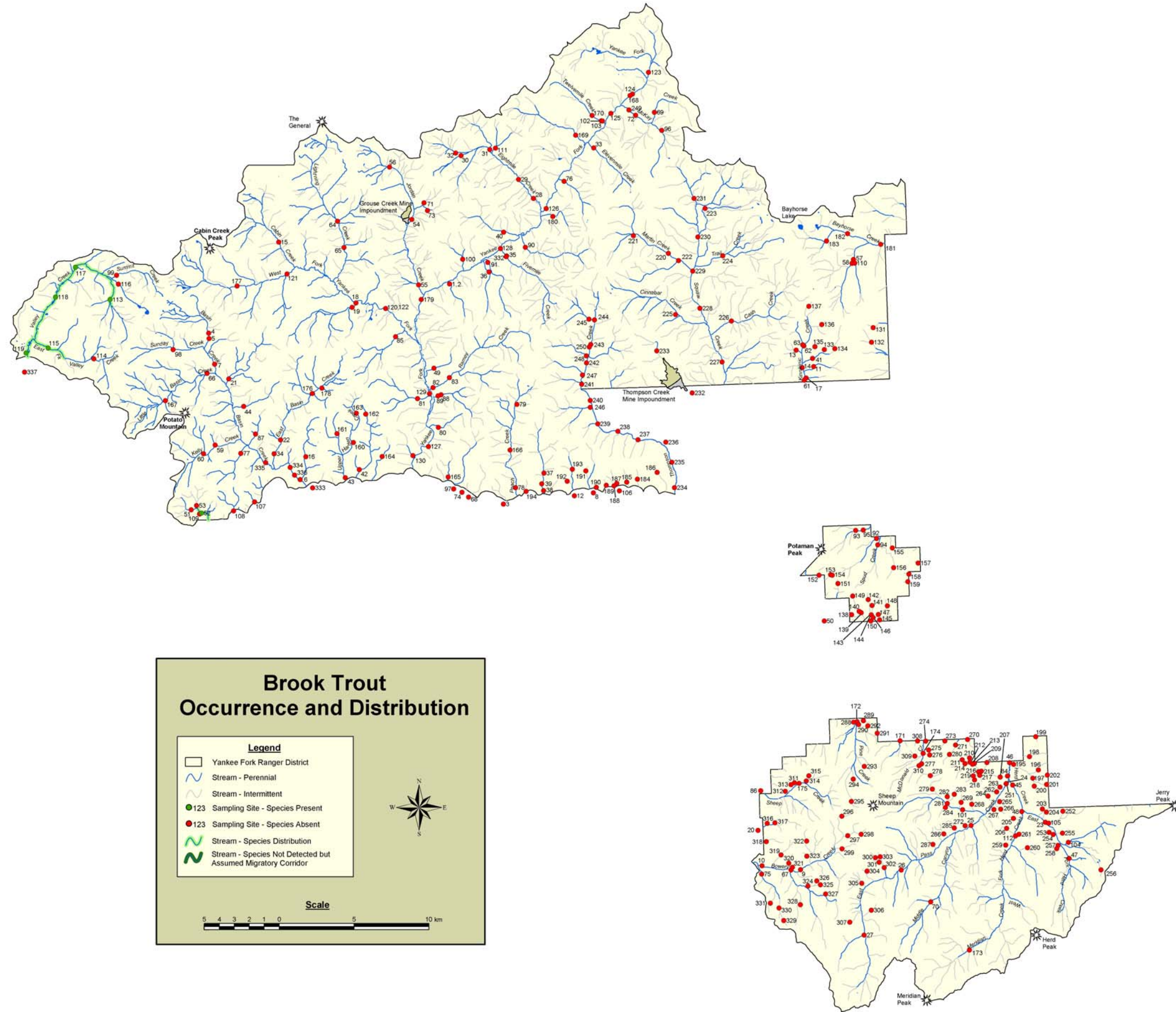


Figure 7. Brook trout x bull trout hybrid distribution on the Yankee Fork Ranger District. The site codes on this map correspond to the site codes in the tables and Appendix C.

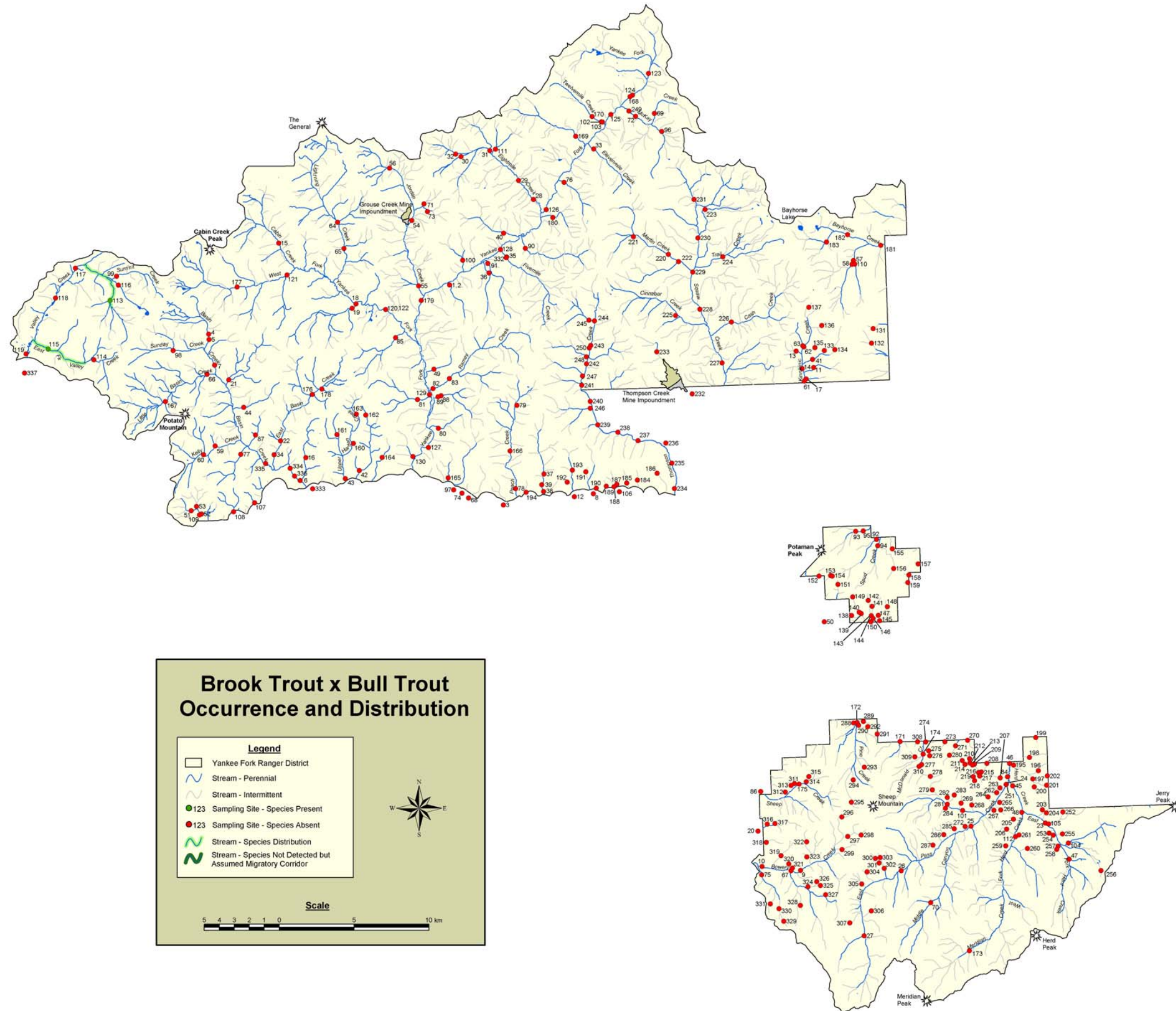


Figure 8. Mountain whitefish distribution on the Yankee Fork Ranger District. The site codes on this map correspond to the site codes in the tables and Appendix C.

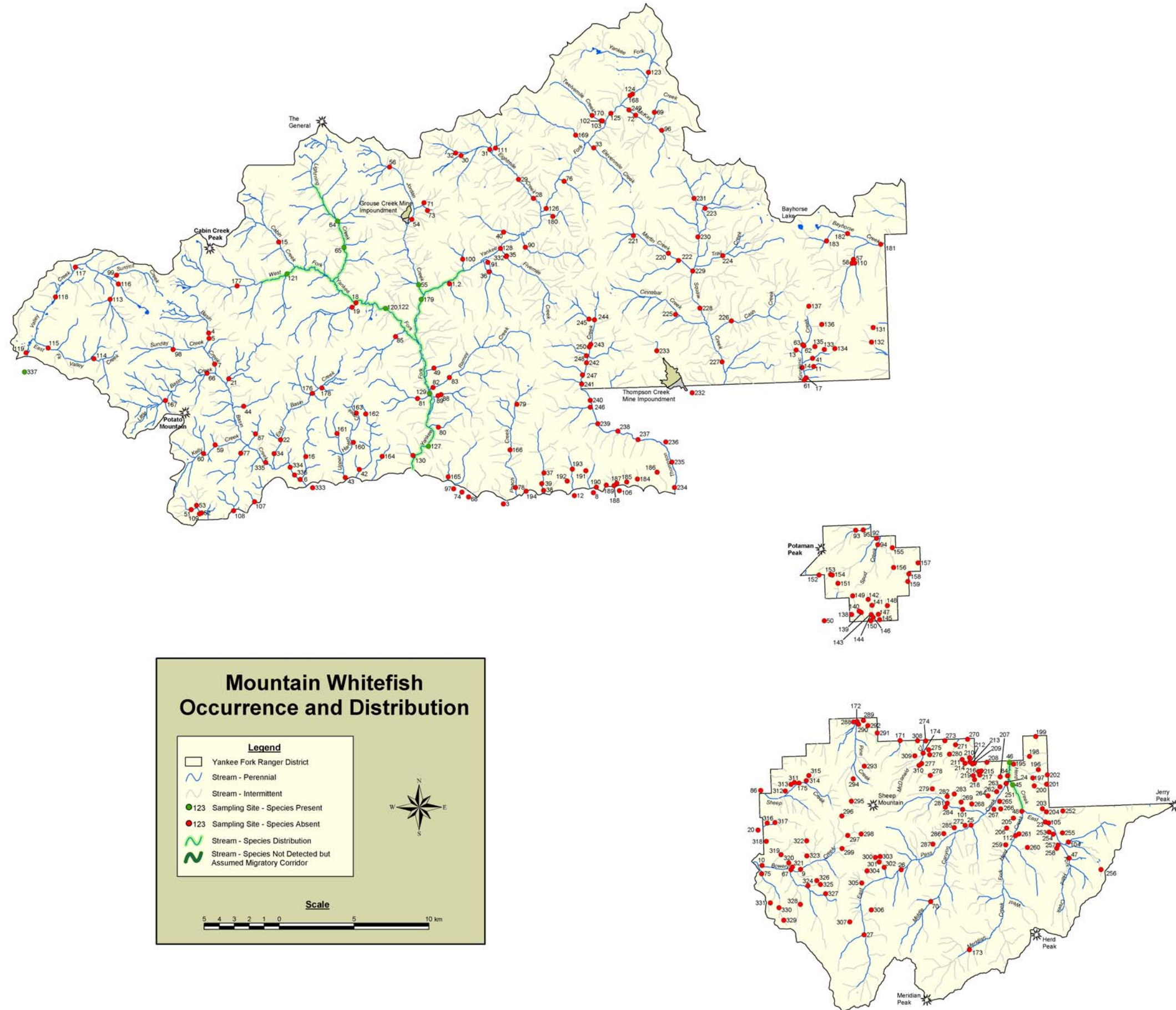


Figure 9. Chinook salmon distribution on the Yankee Fork Ranger District. The site codes on this map correspond to the site codes in the tables and Appendix C.

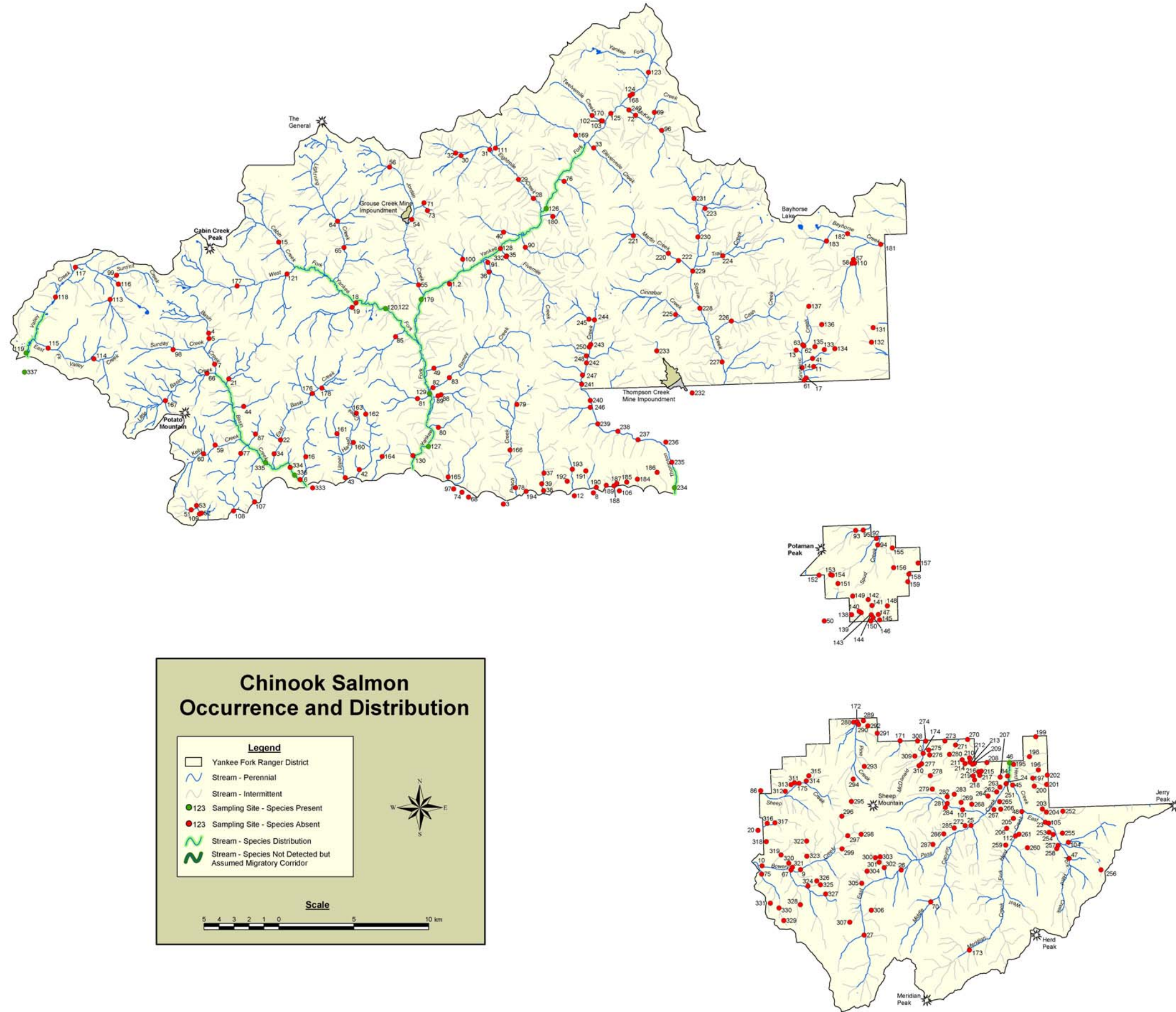


Figure 10. Sculpin distribution on the Yankee Fork Ranger District. The site codes on this map correspond to the site codes in the tables and Appendix C.

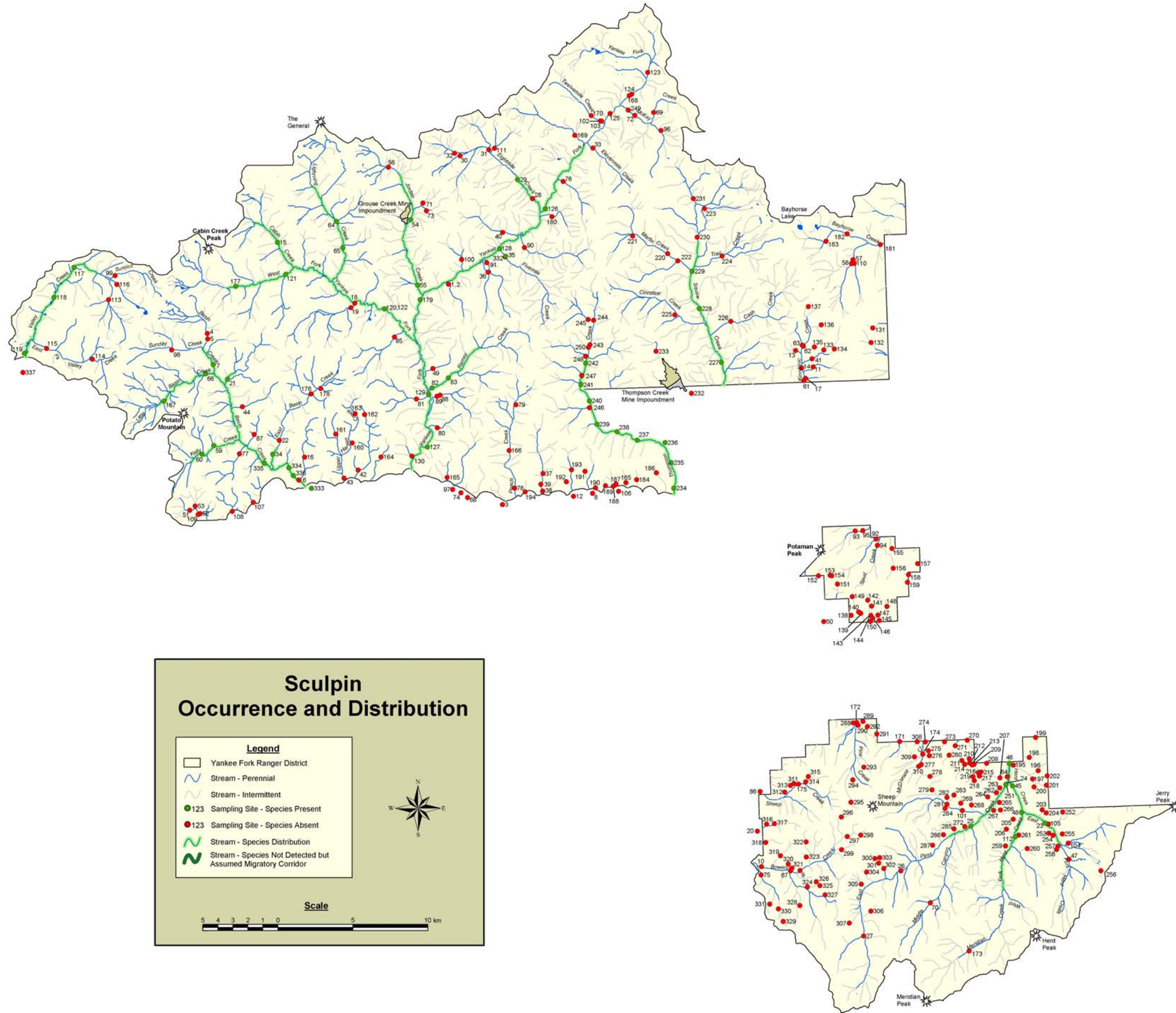
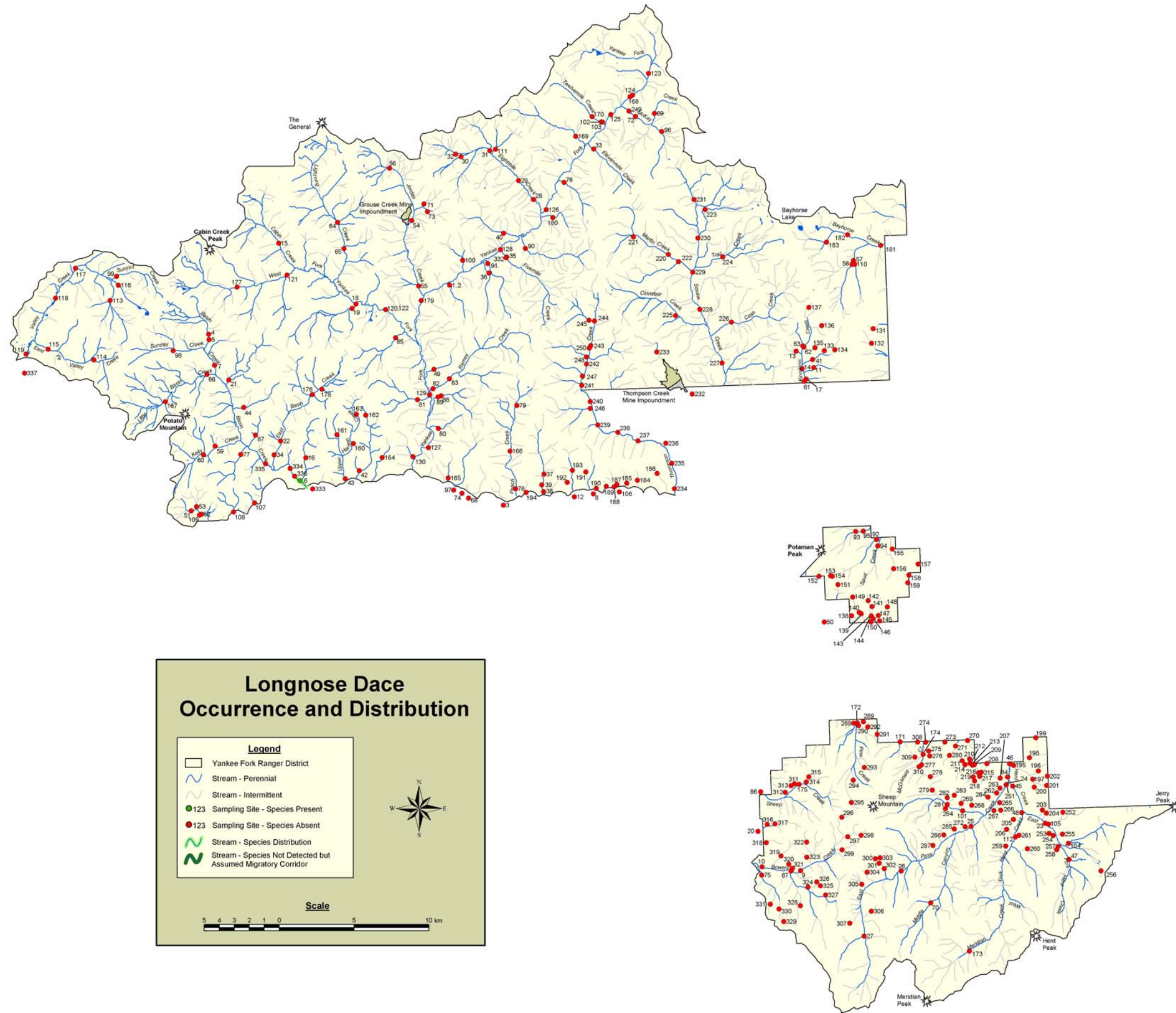


Figure 11. Longnose dace distribution on the Yankee Fork Ranger District. The site codes on this map correspond to the site codes in the tables and Appendix C.



APPENDIX B - TABLES

Table 1. General description of sampling sites on the Yankee Fork Ranger District, Salmon-Challis National Forest. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and Appendix C.

Site Code	Stream Name	Easting	Northing	Date Assessed	Stream Evaluation Method	Stream Type	Fish Sampling Method	Length (m)	Mean Width (m)	Water Temp (°C)	Fish Present
1	Adair Creek	683369	4916933	7/10/2006	Visual	P	E-fish	50	2.3	10.5	Y
2	Adair Creek	683369	4916933	7/10/2006	Visual	P	E-fish	50	2	10.5	N
3	Aspen Gulch	686959	4902238	6/21/2006	Visual	IE	-	≈75	-	-	N
4	Basin Creek	667270	4913641	7/18/2006	Visual	P	E-fish	100	3.7	12.5	Y
5	Basin Creek	667297	4913792	7/17/2006	Visual	P	E-fish	10	-	11.7	Y
6	Basin Creek	673379	4903871	7/19/2006	Visual	P	E-fish	50	8.8	18.4	Y
7	Basin Creek	667665	4911583	7/18/2006	Visual	P	E-fish	100	5.3	-	Y
8	Badger Creek	692969	4902989	6/21/2006	Visual	P	Visual	250	0.5	10.6	N
9	Bowery Creek	706808	4877838	8/11/2006	Visual	P	E-fish	≈60	2.6	10.2	Y
10	Bowery Creek	704237	4878099	8/17/2006	Visual	P	E-fish	51	2.6	9.2	Y
11	Broken Ridge Creek	707677	4911415	7/26/2006	Visual	P	E-fish	100	1.2	8.3	N
12	Burnt Creek	691707	4902784	6/21/2006	Visual	P	E-fish	50	1.1	9.7	N
13	Cabin Creek	706509	4912518	7/25/2006	Visual	P	Visual	50	1.1	13.1	N
14	Coal Creek	706925	4911349	7/26/2006	Visual	IE	-	50	-	-	N
15	Cabin Creek	671947	4919726	7/12/2006	Visual	P	E-fish	50	7.6	12.3	Y
16	Coal Creek	673757	4905401	7/19/2006	Visual	P	E-fish	50	1.6	12.8	Y
17	Corral Creek	707174	4910649	7/26/2006	Visual	P	E-fish	50	1.5	9.9	N
18	Deadwood Creek	677110	4915667	7/13/2006	Visual	P	E-fish	50	3.3	6.4	Y
19	Deadwood Creek	676852	4915371	7/13/2006	Visual	P	E-fish	50	4.3	5.8	N
20	Deer Creek	703965	4880466	8/9/2006	Visual	P	Visual	50	0.9	3.5	N
21	Duffy Creek	668619	4910588	7/18/2006	Visual	P	E-fish	50	2.5	11.7	Y
22	East Basin Creek	672074	4906519	7/19/2006	Visual	P	E-fish	100	4.9	15.3	Y

Table 1 (continued). General description of sampling sites on the Yankee Fork Ranger District, Salmon-Challis National Forest. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and Appendix C.

Site Code	Stream Name	Easting	Northing	Date Assessed	Stream Evaluation Method	Stream Type	Fish Sampling Method	Length (m)	Mean Width (m)	Water Temp (°C)	Fish Present
23	East Fork Herd Creek	723166	4881009	8/7/2006	Visual	P	E-fish	50	1.7	14.2	Y
24	East Pass Creek	720546	4883590	8/7/2006	Visual	P	E-fish	100	4.3	12.3	Y
25	East Pass Creek	718198	4880799	8/8/2006	Visual	P	E-fish	100	4.1	11.9	Y
26	East Pass Creek	713532	4877816	10/24/2006	Visual	P	E-fish	73	3.8	2.9	Y
27	East Pass Creek	711063	4873465	10/24/2006	Visual	P	E-fish	57.2	3.8	3.7	N
28	Eightmile Creek	688964	4922648	6/29/2006	Visual	P	E-fish	200	8	11.7	Y
29	Eightmile Creek	687971	4923916	6/29/2006	Visual	P	E-fish	100	6.3	6.7	Y
30	Estes Creek	684131	4925498	6/29/2006	Visual	P	E-fish	100	2.5	7.4	Y
31	Eightmile Creek	686050	4925908	6/29/2006	Visual	P	E-fish	100	4.6	8.1	Y
32	Unnamed Tributary to Estes Creek	683777	4925681	6/29/2006	Visual	P	E-fish	100	2.7	7.9	Y
33	Elevenmile Creek	692993	4926017	6/28/2006	Visual	P	E-fish	100	2.9	9.2	Y
34	East Basin Creek	671648	4905591	7/19/2006	Visual	P	E-fish	100	3.1	16.4	Y
35	Fivemile Creek	687169	4918811	7/6/2006	Visual	P	E-fish	100	3.8	10.3	Y
36	4 th of July Creek	685998	4917734	7/6/2006	Visual	P	E-fish	100	1.8	8.7	Y
37	Gardner Creek	689675	4904297	6/21/2006	Visual	P	E-fish	50	1	10.3	N
38	Gardner Creek	689644	4903129	6/21/2006	Visual	P	E-fish	85.8	1.3	9.8	Y
39	Gardner Creek	689522	4903592	6/21/2006	Visual	P	E-fish	50	1.1	8.4	N
40	Greylock Creek	686976	4920393	7/10/2006	Visual	P	E-fish	100	2.8	12.4	Y
41	Happy Hollow Creek	707606	4911954	7/25/2006	Visual	P	E-fish	100	2.4	8.2	N
42	Lower Harden Creek	677330	4904540	7/20/2006	Visual	P	E-fish	50	1.6	11.7	Y
43	Upper Harden Creek	676401	4903991	7/20/2006	Visual	P	E-fish	50	2.2	11.8	Y
44	Hay Creek	669607	4908753	7/18/2006	Visual	P	E-fish	50	1.6	10.6	Y

Table 1 (continued). General description of sampling sites on the Yankee Fork Ranger District, Salmon-Challis National Forest. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and Appendix C.

Site Code	Stream Name	Easting	Northing	Date Assessed	Stream Evaluation Method	Stream Type	Fish Sampling Method	Length (m)	Mean Width (m)	Water Temp (°C)	Fish Present
45	Herd Creek	720978	4883495	8/7/2006	Visual	P	E-fish	100	4.1	11.8	Y
46	Herd Creek	720776	4884984	8/7/2006	Visual	P	E-fish	100	6.3	13.6	Y
47	East Fork Herd Creek	724748	4878591	8/7/2006	Visual	P	E-fish	50	1.4	12.8	Y
48	West Fork Herd Creek	721582	4881722	8/8/2006	Visual	P	E-fish	50	3.3	8.9	Y
49	Jerrys Creek	682321	4911303	7/12/2006	Visual	P	E-fish	75	0.9	10.3	N
50	Jimmy Smith Creek	708396	4894456	6/22/2006	Visual	P	Visual	-	1.2	7.3	N
51	Unnamed Tributary to Joes Gulch	666098	4901854	7/20/2006	Visual	P	Visual	50	0.6	9.6	N
52	Joes Gulch	666787	4901631	7/20/2006	Visual	P	E-fish	50	0.8	11.3	Y
53	Joes Gulch	666464	4902130	7/20/2006	Visual	IE	-	-	-	-	N
54	Jordan Creek	680835	4921247	7/11/2006	Visual	P	E-fish	100	4.2	9.1	Y
55	Jordan Creek	681292	4916874	7/11/2006	Visual	P	E-fish	100	4.6	11.8	Y
56	Jordan Creek	679350	4924741	7/11/2006	Visual	P	E-fish	100	2.8	8.4	Y
57	Juliette Creek	710343	4918572	7/5/2006	Visual	P	E-fish	100	3.8	9.3	Y
58	Juliette Creek	710239	4918318	7/5/2006	Visual	P	E-fish	50	2.8	10.2	Y
59	Kelly Creek	667707	4906168	7/19/2006	Visual	P	E-fish	50	1.8	11.3	Y
60	Kelly Creek	666929	4905591	7/19/2006	Visual	P	E-fish	50	0.7	10.9	Y
61	Kinnikinic Creek	707058	4910507	7/26/2006	Visual	P	E-fish	50	3.3	12.3	Y
62	Kinnikinic Creek	707029	4912794	7/25/2006	Visual	P	E-fish	50	2.3	9.3	Y
63	Transfer Creek	706957	4912865	7/25/2006	Visual	P	Visual	100	1.1	12.7	N
64	Lightning Creek	675877	4921125	7/12/2006	Visual	P	E-fish	50	4.9	9.9	Y
65	Lightning Creek	676311	4919376	7/12/2006	Visual	P	E-fish	100	7.8	10.3	Y
66	Little Basin Creek	667156	4910966	7/17/2006	Visual	P	E-fish	100	3.9	14.1	Y

Table 1 (continued). General description of sampling sites on the Yankee Fork Ranger District, Salmon-Challis National Forest. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and Appendix C.

Site Code	Stream Name	Easting	Northing	Date Assessed	Stream Evaluation Method	Stream Type	Fish Sampling Method	Length (m)	Mean Width (m)	Water Temp (°C)	Fish Present
67	Long Tom Creek	706171	4877810	8/11/2006	Visual	P	E-fish	≈75	2.5	11.7	Y
68	Marshall Creek	684628	4902703	6/21/2006	Visual	P	Visual	100	0.25	9.1	N
69	McKay Creek	697048	4928401	6/27/2006	Visual	P	E-fish	100	1.8	7.8	Y
70	Middle Canyon	715500	4875685	10/24/2006	Visual	P	E-fish	96	1.8	1.3	N
71	Unnamed Tributary to Jordan Creek ("Montana Gulch")	681652	4922357	6/28/2006	Visual	P	E-fish	50	1.4	7.8	N
72	McKay Creek	695794	4928194	6/27/2006	Visual	P	E-fish	100	2.6	10.8	Y
73	Unnamed Tributary to Unnamed Tributary to Jordan Creek ("Montana Gulch")	681883	4921840	6/28/2006	Visual	P	E-fish	100	2.6	9.3	Y
74	Unnamed Tributary to Salmon River	684184	4903023	6/21/2006	Visual	IE	-	-	-	-	N
75	Narrow Canyon	704214	4877550	8/11/2006	Visual	P	E-fish	50	1	11.7	Y
76	Ninemile Creek	691014	4923787	6/28/2006	Visual	P	E-fish	-	2.5	9.8	Y
77	Noho Creek	669415	4905615	7/19/2006	Visual	P	E-fish	50	1.1	11.6	Y
78	Peach Creek	687771	4903333	6/21/2006	Visual	P	E-fish	100	3.1	12.6	Y
79	Peach Creek	687859	4908893	6/21/2006	Visual	P	E-fish	50	1.9	8.9	Y
80	Polecamp Creek	682615	4907356	7/11/2006	Visual	P	E-fish	25	1.2	10.7	N
81	Rankin Creek	681227	4909279	7/12/2006	Visual	P	E-fish	100	-	10.6	Y
82	Ramey Creek	682261	4910013	7/12/2006	Visual	P	E-fish	50	3.5	9.6	Y
83	Ramey Creek	683348	4910683	7/12/2006	Visual	P	E-fish	100	3.1	9.9	Y
84	Sagebrush Creek	720631	4884094	8/7/2006	Visual	IE	-	-	-	-	N
85	Sawmill Creek	679763	4913418	7/13/2006	Visual	P	E-fish	50	2.8	10.7	Y
86	Sheep Creek	704151	4883109	8/17/2006	Visual	P	E-fish	50	1.2	9.2	Y
87	Short Creek	670401	4906914	7/19/2006	Visual	P	E-fish	50	0.9	-	Y

Table 1 (continued). General description of sampling sites on the Yankee Fork Ranger District, Salmon-Challis National Forest. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and Appendix C.

Site Code	Stream Name	Easting	Northing	Date Assessed	Stream Evaluation Method	Stream Type	Fish Sampling Method	Length (m)	Mean Width (m)	Water Temp (°C)	Fish Present
88	Silver Creek	682803	4909531	7/12/2006	Visual	P	E-fish	50	0.9	9.3	N
89	Silver Creek	682589	4909463	7/12/2006	Visual	P	E-fish	50	1.1	6	N
90	Sixmile Creek	688428	4919387	7/10/2006	Visual	P	E-fish	100	3.1	12.5	Y
91	Slaughterhouse Gulch	685908	4918370	7/6/2006	Visual	P	E-fish	100	2.1	9	Y
92	Unnamed Tributary to Spud Creek	711888	4899959	6/29/2006	Visual	P	Visual	100	≈.75	9.1	N
93	Unnamed Tributary to Unnamed Tributary to Spud Creek	710494	4900496	6/26/2006	Visual	IE	-	50	-	-	N
94	Spud Creek	711968	4899532	6/22/2006	Visual	P	E-fish	50	0.9	8	N
95	Unnamed Tributary to Spud Creek	710991	4900523	6/26/2006	Visual	P	E-fish	100	1.1	8.5	N
96	Unnamed Tributary to McKay Creek	697535	4927188	6/28/2006	Visual	P	E-fish	100	2	7.1	Y
97	Muley Creek	683635	4903240	6/22/2006	Visual	P	E-fish	50	1	7	Y
98	Sunday Creek	664900	4912550	7/17/2006	Visual	P	E-fish	100	3.4	10.9	Y
99	Summit Creek	661110	4917507	8/16/2006	Visual	P	E-fish	50	2.5	7.1	Y
100	Swift Gulch	684243	4918583	7/6/2006	Visual	P	E-fish	100	2.5	8.7	N
101	Taylor Creek	717636	4881838	8/8/2006	Visual	P	E-fish	50	1.3	13.7	Y
102	Twelvemile Creek	693496	4927836	6/28/2006	Visual	P	E-fish	50	3.3	9.9	N
103	Twelvemile Creek	693567	4927820	6/28/2006	Visual	P	E-fish	50	2.4	10.2	N
104	Unnamed Tributary to East Fork Herk Creek	724705	4879661	8/7/2006	Visual	P	E-fish	50	1.1	11.9	N
105	Hell Canyon	723384	4880939	8/7/2006	Visual	IE	-	50	-	-	N
106	Unnamed Tributary to Salmon River	694709	4903114	6/21/2006	Visual	IE	-	40	-	-	N
107	Copper Creek	670343	4902375	7/20/2006	Visual	P	Visual	50	0.6	12.1	N
108	Elkhorn Creek	668937	4901779	7/20/2006	Visual	P	Visual	100	0.7	10.6	N

Table 1 (continued). General description of sampling sites on the Yankee Fork Ranger District, Salmon-Challis National Forest. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and Appendix C.

Site Code	Stream Name	Eastings	Northing	Date Assessed	Stream Evaluation Method	Stream Type	Fish Sampling Method	Length (m)	Mean Width (m)	Water Temp (°C)	Fish Present
109	Unnamed Tributary to Joes Gulch	666651	4901572	7/20/2006	Visual	IE	-	-	-	-	N
110	Unnamed Tributary to Juliette Creek	710427	4918326	7/5/2006	Visual	P	E-fish	50	2	7.5	Y
111	Unnamed Tributary to Eightmile Creek	686432	4926011	6/29/2006	Visual	P	E-fish	50	2.7	7.5	N
112	West Fork Herd Creek	721165	4880099	8/8/2006	Visual	P	E-fish	50	3	8.3	Y
113	Prospect Creek	660684	4915895	8/16/2006	Visual	P	E-fish	100	1.6	9.7	Y
114	East Fork Valley Creek	659606	4911937	8/16/2006	Visual	P	E-fish	50	2.5	5.5	Y
115	East Fork Valley Creek	656553	4912647	8/16/2006	Visual	P	E-fish	50	3.7	6.6	Y
116	Valley Creek	661241	4916921	8/16/2006	Visual	P	E-fish	50	2	7.3	Y
117	Valley Creek	658364	4918050	8/15/2006	Visual	P	E-fish	100	4.8	12	Y
118	Valley Creek	657036	4916060	8/15/2006	Visual	P	E-fish	100	5.8	13.7	Y
119	Valley Creek	655064	4912330	8/15/2006	Visual	P	E-fish	100	6	13.9	Y
120	West Fork Yankee Fork	679091	4915302	7/11/2006	Visual	P	E-fish	100	13.1	15.6	Y
121	West Fork Yankee Fork	672506	4917603	7/12/2006	Visual	P	E-fish	100	8.5	12	Y
122	West Fork Yankee Fork	679091	4915302	9/8/2006	Visual	P	Snorkel	150	7.2	9.5	Y
123	Yankee Fork	696654	4931072	6/27/2006	Visual	P	E-fish	100	3.4	10.7	Y
124	Yankee Fork	695584	4929620	6/27/2006	Visual	P	E-fish	100	3.6	10	Y
125	Yankee Fork	694144	4928324	6/28/2006	Visual	P	E-fish	100	6.5	8.3	Y
126	Yankee Fork	689815	4921972	9/11/2006	Visual	P	E-fish	119	5.8	7.2	Y
127	Yankee Fork	681952	4906075	9/11/2006	Visual	P	Snorkel	150	9	13.1	Y
128	Yankee Fork	686766	4919294	9/8/2006	Visual	P	Snorkel	125	6.2	8	Y
129	Yankee Fork	682027	4909608	9/8/2006	Visual	P	Snorkel	110	21.3	11.1	Y

Table 1 (continued). General description of sampling sites on the Yankee Fork Ranger District, Salmon-Challis National Forest. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and Appendix C.

Site Code	Stream Name	Easting	Northing	Date Assessed	Stream Evaluation Method	Stream Type	Fish Sampling Method	Length (m)	Mean Width (m)	Water Temp (°C)	Fish Present
130	Blind Creek	680913	4905470	7/11/2006	Visual	P	Visual	-	1	13.1	N
131	Rattlesnake Creek	711660	4914017	7/13/2006	Aerial Photo	I/E	-	-	-	-	N
132	Lyon Creek	711549	4913048	7/13/2006	Aerial Photo	I/E	-	-	-	-	N
133	Unnamed Tributary to Happy Hollow	708402	4912547	7/13/2006	Aerial Photo	I/E	-	-	-	-	N
134	Happy Hollow	709101	4912613	7/13/2006	Aerial Photo	I/E	-	-	-	-	N
135	Unnamed Tributary to Kinnikinic Creek	707770	4912744	7/13/2006	Aerial Photo	I/E	-	-	-	-	N
136	Unnamed Tributary to Kinnikinic Creek	708221	4914222	7/13/2006	Aerial Photo	I/E	-	-	-	-	N
137	Transfer Creek	707367	4915446	7/13/2006	Aerial Photo	I/E	-	-	-	-	N
138	Unnamed Tributary to Marco Creek	710217	4894875	6/26/2006	Aerial Photo	I/E	-	-	-	-	N
139	Unnamed Tributary to Marco Creek	710865	4894999	6/26/2006	Aerial Photo	I/E	-	-	-	-	N
140	Unnamed Tributary to Marco Creek	710719	4895090	6/26/2006	Aerial Photo	I/E	-	-	-	-	N
141	Unnamed Tributary to Marco Creek	711582	4895484	6/26/2006	Aerial Photo	I/E	-	-	-	-	N
142	Marco Creek	711322	4895879	6/26/2006	Aerial Photo	I/E	-	-	-	-	N
143	Marco Creek	711519	4894953	6/26/2006	Aerial Photo	I/E	-	-	-	-	N
144	Unnamed Tributary to Marco Creek	711536	4894858	6/26/2006	Aerial Photo	I/E	-	-	-	-	N
145	Unnamed Tributary to Marco Creek	712089	4894525	6/26/2006	Aerial Photo	I/E	-	-	-	-	N
146	Unnamed Tributary to Marco Creek	711666	4894666	6/26/2006	Aerial Photo	I/E	-	-	-	-	N
147	Unnamed Tributary to Marco Creek	712004	4894881	6/26/2006	Aerial Photo	I/E	-	-	-	-	N
148	Unnamed Tributary to Marco Creek	712613	4895461	6/26/2006	Aerial Photo	I/E	-	-	-	-	N
149	Unnamed Tributary to Marco Creek	710295	4896110	6/26/2006	Aerial Photo	I/E	-	-	-	-	N
150	Marco Creek	711497	4894452	6/26/2006	Aerial Photo	I/E	-	-	-	-	N
151	Jimmy Smith Creek	709314	4896945	6/26/2006	Aerial Photo	I/E	-	-	-	-	N

Table 1 (continued). General description of sampling sites on the Yankee Fork Ranger District, Salmon-Challis National Forest. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and Appendix C.

Site Code	Stream Name	Easting	Northing	Date Assessed	Stream Evaluation Method	Stream Type	Fish Sampling Method	Length (m)	Mean Width (m)	Water Temp (°C)	Fish Present
152	Unnamed Tributary to Unnamed Tributary to Corral Creek	708044	4897509	6/26/2006	Aerial Photo	I/E	-	-	-	-	N
153	Unnamed Tributary to Unnamed Tributary to Corral Creek	708811	4897537	6/26/2006	Aerial Photo	I/E	-	-	-	-	N
154	Unnamed Tributary to Corral Creek	708924	4897503	6/26/2006	Aerial Photo	I/E	-	-	-	-	N
155	Unnamed Tributary to Spud Creek	712944	4899326	6/26/2006	Aerial Photo	I/E	-	-	-	-	N
156	Unnamed Tributary to Spud Creek	713023	4898013	6/26/2006	Aerial Photo	I/E	-	-	-	-	N
157	Unnamed Tributary to Unnamed Tributary to East Fork Salmon River	714662	4898313	6/26/2006	Aerial Photo	I/E	-	-	-	-	N
158	Unnamed Tributary to Unnamed Tributary to Unnamed Tributary to East Fork Salmon River	714054	4897572	6/26/2006	Aerial Photo	I/E	-	-	-	-	N
159	Unamed Tributary to Unnamed Tributary to East Fork Salmon River	713975	4897070	6/26/2006	Aerial Photo	I/E	-	-	-	-	N
160	Upper Harden Creek	676943	4906345	6/15/2007	Visual	P	E-fish	50	2.1	6.6	Y
161	Unnamed Tributary to Upper Harden Creek	675841	4906934	6/15/2007	Visual	P	E-fish	50	1.4	6.2	N
162	Lower Harden Creek	677765	4908240	6/14/2007	Visual	P	E-fish	50	1.9	7.8	N
163	Upper Harden Creek	677133	4908308	6/13/2007	Visual	P	E-fish	50	2	8	Y
164	American Creek	678862	4905406	6/13/2007	Visual	P	E-fish	50	0.81	9.2	N
165	Stovepipe Spring	683266	4904046	6/13/2007	Visual	P	Visual	50	0.66	8.9	N
166	Peach Creek	687398	4905837	6/13/2007	Visual	P	E-fish	50	3.1	6.7	Y
167	Little Basin Creek	664380	4909140	6/14/2007	Visual	P	E-fish	100	2.1	15.1	Y
168	Yankee Fork	695420	4929520	6/18/2007	Visual	P	E-fish	50	4.2	12.9	Y
169	Tenmile Creek	691786	4926874	6/18/2007	Visual	P	E-fish	50	3.3	12.2	N
170	Twelvemile Creek	692882	4928190	6/20/2007	Visual	P	E-fish	50	2	-	N
171	Fox Creek	713456	4886446	6/29/2007	Visual	P	E-fish	100	0.7	9.4	N

Table 1 (continued). General description of sampling sites on the Yankee Fork Ranger District, Salmon-Challis National Forest. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and Appendix C.

Site Code	Stream Name	Easting	Northing	Date Assessed	Stream Evaluation Method	Stream Type	Fish Sampling Method	Length (m)	Mean Width (m)	Water Temp (°C)	Fish Present
172	Pine Creek	710592	4887713	6/29/2007	Visual	P	E-fish	100	2.2	10.6	Y
173	Meridian Creek	718088	4872477	6/29/2007	Visual	P	E-fish	100	2.8	9.4	N
174	McDonald Creek	714993	4885606	6/29/2007	Visual	P	E-fish	100	1.9	11.5	Y
175	Sheep Creek	706716	4883603	6/29/2007	Visual	P	E-fish	100	1.3	10.5	N
176	East Basin Creek	674189	4909625	7/25/2007	Visual	P	E-fish	100	3.5	9.5	Y
177	West Fork Yankee Fork	669174	4916795	7/25/2007	Visual	P	E-fish	70	5.1	-	Y
178	East Basin Creek	674837	4909980	7/25/2007	Visual	P	E-fish	50	2.4	-	Y
179	Yankee Fork	681468	4915894	7/24/2007	Visual	P	E-fish	50	12.9	17	Y
180	Sevenmile Creek	690262	4921442	7/24/2007	Visual	P	E-fish	50	1.9	12	N
181	Bayhorse Creek	712164	4919582	7/27/2007	Visual	P	E-fish	100	5.3	11.5	Y
182	Bayhorse Creek	709945	4920301	7/26/2007	Visual	P	E-fish	100	3.2	11.5	Y
183	Bayhorse Creek	708551	4919806	7/26/2007	Visual	P	E-fish	100	2.5	12	Y
184	Unnamed Tributary to Salmon River	695916	4903897	7/31/2007	Aerial Photo	I/E	-	-	-	-	N
185	Unnamed Tributary to Salmon River	695197	4903696	7/31/2007	Aerial Photo	I/E	-	-	-	-	N
186	Oster Gulch	697233	4904349	7/31/2007	Aerial Photo	I/E	-	-	-	-	N
187	Unnamed Tributary to Salmon River	694529	4903606	7/31/2007	Aerial Photo	I/E	-	-	-	-	N
188	Unnamed Tributary to Unnamed Tributary to Salmon River	694351	4903455	7/31/2007	Aerial Photo	I/E	-	-	-	-	N
189	Unnamed Tributary to Salmon River	693828	4903491	7/31/2007	Aerial Photo	I/E	-	-	-	-	N
190	Unnamed Tributary to Badger Creek	693166	4903350	7/31/2007	Aerial Photo	I/E	-	-	-	-	N
191	Unnamed Tributary to Badger Creek	692468	4904445	7/31/2007	Aerial Photo	I/E	-	-	-	-	N
192	Unnamed Tributary to Burnt Creek	691223	4903765	7/31/2007	Aerial Photo	I/E	-	-	-	-	N
193	Unnamed Tributary to Burnt Creek	691566	4904565	7/31/2007	Aerial Photo	I/E	-	-	-	-	N

Table 1 (continued). General description of sampling sites on the Yankee Fork Ranger District, Salmon-Challis National Forest. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and Appendix C.

Site Code	Stream Name	Easting	Northing	Date Assessed	Stream Evaluation Method	Stream Type	Fish Sampling Method	Length (m)	Mean Width (m)	Water Temp (°C)	Fish Present
194	Unnamed Tributary to Salmon River	688471	4903082	7/31/2007	Aerial Photo	I/E	-	-	-	-	N
195	Bull Gulch	721045	4884875	7/31/2007	Aerial Photo	I/E	-	-	-	-	N
196	Unnamed Tributary to Bull Gulch	722691	4884503	7/31/2007	Aerial Photo	I/E	-	-	-	-	N
197	Bull Gulch	722324	4883952	7/31/2007	Aerial Photo	I/E	-	-	-	-	N
198	Pine Gulch	722104	4885394	7/31/2007	Aerial Photo	I/E	-	-	-	-	N
199	Unnamed Tributary to Lake Creek	722518	4886715	7/31/2007	Aerial Photo	I/E	-	-	-	-	N
200	Unnamed Tributary to Bull Gulch	722418	4883417	7/31/2007	Aerial Photo	I/E	-	-	-	-	N
201	Unnamed Tributary to Bull Gulch	723252	4883533	7/31/2007	Aerial Photo	I/E	-	-	-	-	N
202	Unnamed Tributary to Bull Gulch	723294	4884151	7/31/2007	Aerial Photo	I/E	-	-	-	-	N
203	Unnamed Tributary to East Fork Herd Creek	722958	4881886	7/31/2007	Aerial Photo	I/E	-	-	-	-	N
204	Unnamed Tributary to East Fork Herd Creek	723236	4881677	7/31/2007	Aerial Photo	I/E	-	-	-	-	N
205	Unnamed Tributary to West Fork Herd Creek	721034	4881262	7/31/2007	Aerial Photo	I/E	-	-	-	-	N
206	Unnamed Tributary to West Fork Herd Creek	720573	4880602	7/31/2007	Aerial Photo	I/E	-	-	-	-	N
207	Sagebrush Creek	720143	4884025	7/31/2007	Aerial Photo	I/E	-	-	-	-	N
208	Unnamed Tributary to Sagebrush Creek	719257	4884995	7/31/2007	Aerial Photo	I/E	-	-	-	-	N
209	Unnamed Tributary to Sagebrush Creek	718418	4884938	7/31/2007	Aerial Photo	I/E	-	-	-	-	N
210	Unnamed Tributary to Sagebrush Creek	718098	4885305	7/31/2007	Aerial Photo	I/E	-	-	-	-	N
211	Sagebrush Creek	717605	4885179	7/31/2007	Aerial Photo	I/E	-	-	-	-	N
212	Sagebrush Creek	718124	4885016	7/31/2007	Aerial Photo	I/E	-	-	-	-	N
213	Sagebrush Creek	718292	4884880	7/31/2007	Aerial Photo	I/E	-	-	-	-	N
214	Unnamed Tributary to Sagebrush Creek	717794	4884922	7/31/2007	Aerial Photo	I/E	-	-	-	-	N

Table 1 (continued). General description of sampling sites on the Yankee Fork Ranger District, Salmon-Challis National Forest. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and Appendix C.

Site Code	Stream Name	Easting	Northing	Date Assessed	Stream Evaluation Method	Stream Type	Fish Sampling Method	Length (m)	Mean Width (m)	Water Temp (°C)	Fish Present
215	Unnamed Tributary to Sagebrush Creek	718890	4884413	7/31/2007	Aerial Photo	I/E	-	-	-	-	N
216	Unnamed Tributary to Sagebrush Creek	718701	4884377	7/31/2007	Aerial Photo	I/E	-	-	-	-	N
217	Unnamed Tributary to Unnamed Tributary to Sagebrush Creek	718780	4884146	7/31/2007	Aerial Photo	I/E	-	-	-	-	N
218	Unnamed Tributary to Sagebrush Creek	718428	4883842	7/31/2007	Aerial Photo	I/E	-	-	-	-	N
219	Unnamed Tributary to Unnamed Tributary to Sagebrush Creek	718344	4884104	7/31/2007	Aerial Photo	I/E	-	-	-	-	N
220	Martin Creek ¹	697975	4918978	6/27/2003	Visual	P	E-Fish	100	3.5	11	Y
221	South Fork of Martin Creek ¹	695640	4920164	6/30/2003	Visual	P	E-Fish	70	2.45	9	Y
222	Unnamed Tributary to Martin Creek ¹	698652	4918494	6/27/2003	Visual	P	E-Fish	100	1.72	10	Y
223	Aspen Creek ¹	700425	4921979	6/28/2003	Visual	P	E-Fish	50	1.76	12	N
224	Trail Creek ¹	701612	4918819	6/29/2003	Visual	P	E-Fish	100	3.25	10	Y
225	Cinnabar Creek ¹	698461	4914890	6/29/2003	Visual	P	E-Fish	100	2.82	9	Y
226	Cash Creek ¹	702189	4914456	6/30/2003	Visual	P	E-Fish	100	2.28	12	Y
227	Squaw Creek ¹	701565	4911727	7/10/2003	Visual	P	E-Fish	100	6.99	19	Y
228	Squaw Creek ¹	700083	4915308	7/10/2003	Visual	P	E-Fish	100	5.89	12	Y
229	Squaw Creek ¹	699610	4917800	7/1/2003	Visual	P	E-Fish	100	5.65	8	Y
230	Squaw Creek ¹	699948	4920073	6/28/2003	Visual	P	E-Fish	100	4.7	13	Y
231	Squaw Creek ¹	699687	4922652	6/28/2003	Visual	P	E-Fish	100	2.67	9	Y
232	Bruno Creek ¹	699567	4909662	7/11/2003	Visual	P	E-Fish	-	-	15	Y
233	Bruno Creek ¹	697203	4912459	7/11/2003	Visual	P	E-Fish	-	-	9	Y
234	Thompson Creek ¹	698392	4903324	8/5/2004	Visual	P	E-Fish	100	4.28	10.6	Y
235	Thompson Creek ¹	698215	4905033	7/12/2004	Visual	P	E-Fish	115	4.92	18.9	Y

¹Data collected by the Idaho Department of Fish and Game (see methods for more information).

Table 1 (continued). General description of sampling sites on the Yankee Fork Ranger District, Salmon-Challis National Forest. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and Appendix C.

Site Code	Stream Name	Easting	Northing	Date Assessed	Stream Evaluation Method	Stream Type	Fish Sampling Method	Length (m)	Mean Width (m)	Water Temp (°C)	Fish Present
236	Thompson Creek ¹	697806	4906364	7/12/2004	Visual	P	E-Fish	100	4.86	18.9	Y
237	Thompson Creek ¹	695946	4906527	7/12/2004	Visual	P	E-Fish	100	5.04	15.6	Y
238	Thompson Creek ¹	694607	4907094	7/12/2004	Visual	P	E-Fish	100	3.96	12.8	Y
239	Thompson Creek ¹	693260	4907586	7/12/2004	Visual	P	E-Fish	100	5.5	12.2	Y
240	Thompson Creek ¹	692765	4909156	7/11/2004	Visual	P	E-Fish	100	3.76	15.6	Y
241	Thompson Creek ¹	692194	4910230	7/10/2004	Visual	P	E-Fish	100	5	12.8	Y
242	Thompson Creek ¹	692514	4911668	7/9/2004	Visual	P	E-Fish	100	3.66	10	Y
243	Thompson Creek ¹	692800	4912899	7/8/2004	Visual	P	E-Fish	100	3.02	10	Y
244	Thompson Creek ¹	693037	4914531	7/8/2004	Visual	P	E-Fish	100	2.16	9.4	Y
245	Thompson Creek ¹	692673	4914586	7/7/2004	Visual	P	E-Fish	100	1.36	11.7	Y
246	Alder Creek ¹	692754	4908698	7/11/2004	Visual	P	E-Fish	100	1.6	11.1	Y
247	Unnamed Tributary to Thompson Creek ¹	692248	4910854	7/10/2004	Visual	P	E-Fish	100	2.62	9.4	Y
248	Unnamed Tributary to Thompson Creek ¹	692497	4912137	7/9/2004	Visual	P	E-Fish	100	1.36	10.6	Y
249	McKay Creek	695344	4928556	8/21/2007	Visual	P	E-Fish	117	3.1	13.6	Y
250	Thompson Creek	692693	4912717	8/14/2007	Visual	P	E-Fish	101	3.2	6.9	Y
251	East Pass Creek	720533	4883574	8/22/2007	Visual	P	E-Fish	100	4.8	9.9	Y
252	Unnamed Tributary to Hell Canyon	724328	4881745	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
253	Unnamed Tributary to East Fork Herd Creek	723404	4880327	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
254	Unnamed Tributary to East Fork Herd Creek	723696	4880188	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
255	Unnamed Tributary to East Fork Herd Creek	724300	4880277	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
256	Unnamed Tributary to East Fork Herd Creek	726884	4877826	8/13/2007	Aerial Photo	I/E	-	-	-	-	N

¹Data collected by the Idaho Department of Fish and Game (see methods for more information).

Table 1 (continued). General description of sampling sites on the Yankee Fork Ranger District, Salmon-Challis National Forest. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and Appendix C.

Site Code	Stream Name	Easting	Northing	Date Assessed	Stream Evaluation Method	Stream Type	Fish Sampling Method	Length (m)	Mean Width (m)	Water Temp (°C)	Fish Present
257	Unnamed Tributary to East Fork Herd Creek	724008	4879464	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
258	Unnamed Tributary to East Fork Herd Creek	723925	4879242	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
259	Unnamed Tributary to West Fork Herd Creek	720515	4879477	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
260	Unnamed Tributary to Unnamed Tributary to West Fork Herd Creek	721969	4879311	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
261	Unnamed Tributary to West Fork Herd Creek	721398	4880207	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
262	Unnamed Tributary to East Pass Creek	719912	4883039	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
263	Unnamed Tributary to East Pass Creek	720128	4883356	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
264	Unnamed Tributary to East Pass Creek	719328	4882747	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
265	Unnamed Tributary to East Pass Creek	720102	4882378	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
266	Unnamed Tributary to East Pass Creek	720185	4881883	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
267	Unnamed Tributary to East Pass Creek	719727	4881849	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
268	Unnamed Tributary to Taylor Creek	718247	4882206	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
269	Unnamed Tributary to Taylor Creek	717534	4882339	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
270	Unnamed Tributary to Sheep Creek	717964	4886534	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
271	Sheep Creek	717167	4886166	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
272	Unnamed Tributary to East Pass Creek	717809	4880775	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
273	Unnamed Tributary to Sheep Creek	716445	4886431	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
274	Unnamed Tributary to McDonald Creek	715170	4886419	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
275	Unnamed Tributary to McDonald Creek	715366	4885827	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
276	Unnamed Tributary to McDonald Creek	715437	4885502	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
277	Unnamed Tributary to McDonald Creek	714899	4884906	8/13/2007	Aerial Photo	I/E	-	-	-	-	N

Table 1 (continued). General description of sampling sites on the Yankee Fork Ranger District, Salmon-Challis National Forest. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and Appendix C.

Site Code	Stream Name	Easting	Northing	Date Assessed	Stream Evaluation Method	Stream Type	Fish Sampling Method	Length (m)	Mean Width (m)	Water Temp (°C)	Fish Present
278	Unnamed Tributary to McDonald Creek	715482	4884114	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
279	Unnamed Tributary to Unnamed Tributary to Taylor Creek	715607	4883226	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
280	Sheep Creek	716754	4885539	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
281	Unnamed Tributary to Taylor Creek	716612	4882255	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
282	Unnamed Tributary to Unnamed Tributary to Taylor Creek	716612	4882713	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
283	Unnamed Tributary to Taylor Creek	717083	4882876	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
284	Unnamed Tributary to Taylor Creek	716483	4881992	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
285	Unnamed Tributary to East Pass Creek	717075	4880625	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
286	Unnamed Tributary to East Pass Creek	716381	4880230	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
287	Unnamed Tributary to East Pass Creek	715649	4879521	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
288	Unnamed Tributary to Pine Creek	710350	4887689	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
289	Unnamed Tributary to Pine Creek	711003	4887794	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
290	Unnamed Tributary to Pine Creek	710682	4887532	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
291	Unnamed Tributary to Unnamed Tributary to Pine Creek	711928	4886951	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
292	Unnamed Tributary to Unnamed Tributary to Pine Creek	711305	4887443	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
293	Unnamed Tributary to Pine Creek	711068	4884735	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
294	Unnamed Tributary to Pine Creek	710332	4883889	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
295	Pine Creek	710204	4882392	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
296	Unnamed Tributary to Bowery Creek	709570	4881407	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
297	Bowery Creek	709963	4880105	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
298	Bowery Creek	710859	4880204	8/13/2007	Aerial Photo	I/E	-	-	-	-	N

Table 1 (continued). General description of sampling sites on the Yankee Fork Ranger District, Salmon-Challis National Forest. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and Appendix C.

Site Code	Stream Name	Easting	Northing	Date Assessed	Stream Evaluation Method	Stream Type	Fish Sampling Method	Length (m)	Mean Width (m)	Water Temp (°C)	Fish Present
299	Unnamed Tributary to Bowery Creek	709581	4879227	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
300	Unnamed Tributary to East Pass Creek	711811	4878646	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
301	Unnamed Tributary to Unnamed Tributary to East Pass Creek	712056	4878331	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
302	Unnamed Tributary to East Pass Creek	712395	4877974	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
303	Unnamed Tributary to Unnamed Tributary to East Pass Creek	712123	4878699	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
304	Unnamed Tributary to East Pass Creek	711248	4877743	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
305	Unnamed Tributary to East Pass Creek	710898	4876926	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
306	Unnamed Tributary to East Pass Creek	711539	4875127	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
307	Unnamed Tributary to East Pass Creek	710096	4874327	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
308	Unnamed Tributary to McDonald Creek	714622	4886433	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
309	Unnamed Tributary to Unnamed Tributary to McDonald Creek	714445	4885431	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
310	Unnamed Tributary to McDonald Creek	714727	4884788	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
311	Unnamed Tributary to Sheep Creek	706407	4883637	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
312	Unnamed Tributary to Sheep Creek	705788	4883078	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
313	Unnamed Tributary to Sheep Creek	706174	4883517	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
314	Unnamed Tributary to Sheep Creek	707191	4883757	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
315	Unnamed Tributary to Unnamed Tributary to Sheep Creek	707358	4884109	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
316	Unnamed Tributary to Deer Creek	704578	4880930	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
317	Unnamed Tributary to Deer Creek	705103	4880970	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
318	Unnamed Tributary to East Fork Salmon River	704514	4879716	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
319	Unnamed Tributary to Bowery Creek	705503	4878829	8/13/2007	Aerial Photo	I/E	-	-	-	-	N

Table 1 (continued). General description of sampling sites on the Yankee Fork Ranger District, Salmon-Challis National Forest. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and Appendix C.

Site Code	Stream Name	Easting	Northing	Date Assessed	Stream Evaluation Method	Stream Type	Fish Sampling Method	Length (m)	Mean Width (m)	Water Temp (°C)	Fish Present
320	Unnamed Tributary to Unnamed Tributary to Bowery Creek	706017	4878265	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
321	Unnamed Tributary to Bowery Creek	706262	4878001	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
322	Unnamed Tributary to Unnamed Tributary to Bowery Creek	707215	4879743	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
323	Unnamed Tributary to Unnamed Tributary to Bowery Creek	707230	4878745	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
324	Unnamed Tributary to Long Tom Creek	707300	4876743	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
325	Unnamed Tributary to Long Tom Creek	708144	4876828	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
326	Unnamed Tributary to Unnamed Tributary to Long Tom Creek	707889	4877087	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
327	Unnamed Tributary to Unnamed Tributary to Long Tom Creek	708483	4876214	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
328	Unnamed Tributary to Unnamed Tributary to Long Tom Creek	706791	4875505	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
329	Narrow Canyon	705688	4874447	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
330	Narrow Canyon	705373	4875281	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
331	Unnamed Tributary to Narrow Canyon	704794	4875605	8/13/2007	Aerial Photo	I/E	-	-	-	-	N
332	Fivemile Creek	687150	4918759	7/06/2006	Viaual	P	E-Fish	100	3.8 ¹	10.3	N
333	Basin Creek ²	674219	4903314	9/23/2002	Visual	P	E-Fish	100	3	12.6	Y
334	Basin Creek ²	672720	4904680	9/23/2002	Visual	P	E-Fish	100	4	8.3	Y
335	Basin Creek ³	671074	4905001	9/4/2002	E-Fish	P	E-Fish	100	3	13	Y
336	Basin Creek ³	673014	4904166	9/5/2002	E-Fish	P	E-Fish	100	4	8	Y
337	Valley Creek ⁴	654970	4911050	2004	Snorkel	P	Snorkel	-	-	-	Y

¹Mean width based on widths collected from site 38.

²Data collected by the Idaho Department of Fish and Game (see methods for more information).

³Data collected by the Idaho Department of Environmental Quality (see methods for more information).

⁴Data collected by the Shoshone-Bannock Tribes (see methods for more information).

Table 2. Species occurrence at sampling sites on the Yankee Fork Ranger District, Salmon-Challis National Forest. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and Appendix C.

Site Code	Stream Name	Date Assessed	Sampling Method	Fish Present	Rainbow/ Steelhead	Cutthroat	Bull	Brook	BrookxBull Hybrids	Whitefish	Sculpin	Chinook	Longnose Dace
1	Adair Creek	7/10/2006	E-Fish	Y	Y	N	Y	N	N	N	N	N	N
2	Adair Creek	7/10/2006	E-Fish	N	N	N	N	N	N	N	N	N	N
3	Aspen Gulch	6/21/2006	-	N	N	N	N	N	N	N	N	N	N
4	Basin Creek	7/18/2006	E-Fish	Y	N	N	Y	N	N	N	N	N	N
5	Basin Creek	7/17/2006	E-Fish	Y	N	Y	Y	N	N	N	N	N	N
6	Basin Creek	7/19/2006	E-Fish	Y	Y	N	N	N	N	N	N	N	Y
7	Basin Creek	7/18/2006	E-Fish	Y	N	Y	Y	N	N	N	Y	N	N
8	Badger Creek	6/21/2006	Visual	N	N	N	N	N	N	N	N	N	N
9	Bowery Creek	8/11/2006	E-Fish	Y	N	Y	Y	N	N	N	N	N	N
10	Bowery Creek	8/17/2006	E-Fish	Y	N	Y	N	N	N	N	N	N	N
11	Broken Ridge Creek	7/26/2006	E-Fish	N	N	N	N	N	N	N	N	N	N
12	Burnt Creek	6/21/2006	E-Fish	N	N	N	N	N	N	N	N	N	N
13	Cabin Creek	7/25/2006	Visual	N	N	N	N	N	N	N	N	N	N
14	Coal Creek	7/26/2006	-	N	N	N	N	N	N	N	N	N	N
15	Cabin Creek	7/12/2006	E-Fish	Y	N	Y	Y	N	N	N	Y	N	N
16	Coal Creek	7/19/2006	E-Fish	Y	N	Y	N	N	N	N	N	N	N
17	Corral Creek	7/26/2006	E-Fish	N	N	N	N	N	N	N	N	N	N
18	Deadwood Creek	7/13/2006	E-Fish	Y	Y	Y	Y	N	N	N	N	N	N
19	Deadwood Creek	7/13/2006	E-Fish	N	N	N	N	N	N	N	N	N	N
20	Deer Creek	8/9/2006	Visual	N	N	N	N	N	N	N	N	N	N
21	Duffy Creek	7/18/2006	E-Fish	Y	N	Y	Y	N	N	N	Y	N	N
22	East Basin Creek	7/19/2006	E-Fish	Y	Y	Y	N	N	N	N	N	N	N
23	East Fork Herd Creek	8/7/2006	E-Fish	Y	Y	N	N	N	N	N	Y	N	N
24	East Pass Creek	8/7/2006	E-Fish	Y	Y	N	Y	N	N	N	Y	N	N
25	East Pass Creek	8/8/2006	E-Fish	Y	Y	N	Y	N	N	N	Y	N	N
26	East Pass Creek	10/24/2006	E-Fish	Y	N	N	Y	N	N	N	N	N	N
27	East Pass Creek	10/24/2006	E-Fish	N	N	N	N	N	N	N	N	N	N
28	Eightmile Creek	6/29/2006	E-Fish	Y	N	Y	Y	N	N	N	N	N	N
29	Eightmile Creek	6/29/2006	E-Fish	Y	N	Y	Y	N	N	N	Y	N	N

Table 2. (continued). Species occurrence at sampling sites on the Yankee Fork Ranger District, Salmon-Challis National Forest. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and Appendix C.

Site Code	Stream Name	Date Assessed	Sampling Method	Fish Present	Rainbow/ Steelhead	Cutthroat	Bull	Brook	BrookxBull Hybrids	Whitefish	Sculpin	Chinook	Longnose Dace
30	Estes Creek	6/29/2006	E-Fish	Y	N	Y	N	N	N	N	N	N	N
31	Eightmile Creek	6/29/2006	E-Fish	Y	N	Y	N	N	N	N	N	N	N
32	Unnamed Tributary to Estes Creek	6/29/2006	E-Fish	Y	N	Y	N	N	N	N	N	N	N
33	Elevenmile Creek	6/28/2006	E-Fish	Y	N	N	Y	N	N	N	N	N	N
34	East Basin Creek	7/19/2006	E-Fish	Y	Y	N	Y	N	N	N	Y	N	N
35	Fivemile Creek	7/6/2006	E-Fish	Y	Y	N	Y	N	N	N	Y	N	N
36	4th of July Creek	7/6/2006	E-Fish	Y	N	Y	N	N	N	N	N	N	N
37	Gardner Creek	6/21/2006	E-Fish	N	N	N	N	N	N	N	N	N	N
38	Gardner Creek	6/21/2006	E-Fish	Y	N	Y	N	N	N	N	N	N	N
39	Gardner Creek	6/21/2006	E-Fish	N	N	N	N	N	N	N	N	N	N
40	Greylock Creek	7/10/2006	E-Fish	Y	N	Y	N	N	N	N	N	N	N
41	Happy Hollow	7/25/2006	E-Fish	N	N	N	N	N	N	N	N	N	N
42	Lower Harden Creek	7/20/2006	E-Fish	Y	N	Y	N	N	N	N	N	N	N
43	Upper Harden Creek	7/20/2006	E-Fish	Y	N	Y	N	N	N	N	N	N	N
44	Hay Creek	7/18/2006	E-Fish	Y	N	Y	N	N	N	N	N	N	N
45	Herd Creek	8/7/2006	E-Fish	Y	Y	N	Y	N	N	Y	Y	N	N
46	Herd Creek	8/7/2006	E-Fish	Y	Y	N	N	N	N	Y	Y	Y	N
47	East Fork Herd Creek	8/7/2006	E-Fish	Y	Y	N	Y	N	N	N	N	N	N
48	West Fork Herd Creek	8/8/2006	E-Fish	Y	Y	N	Y	N	N	N	Y	N	N
49	Jerrys Creek	7/12/2006	E-Fish	N	N	N	N	N	N	N	N	N	N
50	Jimmy Smith Creek	6/22/2006	Visual	N	N	N	N	N	N	N	N	N	N
51	Unnamed Tributary to Joes Gulch	7/20/2006	Visual	N	N	N	N	N	N	N	N	N	N
52	Joes Gulch	7/20/2006	E-Fish	Y	N	N	N	Y	N	N	N	N	N
53	Joes Gulch	7/20/2006	-	N	N	N	N	N	N	N	N	N	N
54	Jordan Creek	7/11/2006	E-Fish	Y	Y	Y	N	N	N	N	Y	N	N
55	Jordan Creek	7/11/2006	E-Fish	Y	Y	Y	N	N	N	Y	Y	N	N
56	Jordan Creek	7/11/2006	E-Fish	Y	N	Y	N	N	N	N	N	N	N
57	Juliette Creek	7/5/2006	E-Fish	Y	N	Y	N	N	N	N	N	N	N
58	Juliette Creek	7/5/2006	E-Fish	Y	N	Y	N	N	N	N	N	N	N

Table 2. (continued). Species occurrence at sampling sites on the Yankee Fork Ranger District, Salmon-Challis National Forest. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and Appendix C.

Site Code	Stream Name	Date Assessed	Sampling Method	Fish Present	Rainbow/ Steelhead	Cutthroat	Bull	Brook	BrookxBull Hybrids	Whitefish	Sculpin	Chinook	Longnose Dace
59	Kelly Creek	7/19/2006	E-Fish	Y	Y	Y	N	N	N	N	Y	N	N
60	Kelly Creek	7/19/2006	E-Fish	Y	N	Y	N	N	N	N	Y	N	N
61	Kinnikinic Creek	7/26/2006	E-Fish	Y	N	Y	N	N	N	N	N	N	N
62	Kinnikinic Creek	7/25/2006	E-Fish	Y	N	Y	N	N	N	N	N	N	N
63	Transfer Creek	7/25/2006	Visual	N	N	N	N	N	N	N	N	N	N
64	Lightning Creek	7/12/2006	E-Fish	Y	Y	Y	Y	N	N	Y	Y	N	N
65	Lightning Creek	7/12/2006	E-Fish	Y	Y	Y	Y	N	N	N	Y	N	N
66	Little Basin Creek	7/17/2006	E-Fish	Y	Y	Y	Y	N	N	N	Y	N	N
67	Long Tom Creek	8/11/2006	E-Fish	Y	N	Y	N	N	N	N	N	N	N
68	Marshall Creek	6/21/2006	Visual	N	N	N	N	N	N	N	N	N	N
69	McKay Creek	6/27/2006	E-Fish	Y	N	Y	Y	N	N	N	N	N	N
70	Middle Canyon	10/24/2006	E-Fish	N	N	N	N	N	N	N	N	N	N
71	Unnamed Tributary to Jordan Creek ("Montana Gulch")	6/28/2006	E-Fish	N	N	N	N	N	N	N	N	N	N
72	McKay Creek	6/27/2006	E-Fish	Y	N	N	Y	N	N	N	N	N	N
73	Unnamed Tributary to Unnamed Tributary to Jordan Creek ("Montana Gulch")	6/28/2006	E-Fish	Y	N	Y	N	N	N	N	N	N	N
74	Unnamed Tributary to Salmon River	6/21/2006	-	N	N	N	N	N	N	N	N	N	N
75	Narrow Canyon	8/11/2006	E-Fish	Y	N	Y	N	N	N	N	N	N	N
76	Ninemile Creek	6/28/2006	E-Fish	Y	N	Y	N	N	N	N	N	N	N
77	Noho Creek	7/19/2006	E-Fish	Y	N	Y	N	N	N	N	N	N	N
78	Peach Creek	6/21/2006	E-Fish	Y	N	Y	N	N	N	N	N	N	N
79	Peach Creek	6/21/2006	E-Fish	Y	N	Y	N	N	N	N	N	N	N
80	Polecamp Creek	7/11/2006	E-Fish	N	N	N	N	N	N	N	N	N	N
81	Rankin Creek	7/12/2006	E-Fish	Y	N	Y	N	N	N	N	N	N	N
82	Ramey Creek	7/12/2006	E-Fish	Y	Y	N	N	N	N	N	Y	N	N
83	Ramey Creek	7/12/2006	E-Fish	Y	Y	Y	Y	N	N	N	Y	N	N
84	Sagebrush Creek	8/7/2006	-	N	N	N	N	N	N	N	N	N	N
85	Sawmill Creek	7/13/2006	E-Fish	Y	N	Y	N	N	N	N	N	N	N
86	Sheep Creek	8/17/2006	E-Fish	Y	Y	Y	N	N	N	N	N	N	N

Table 2. (continued). Species occurrence at sampling sites on the Yankee Fork Ranger District, Salmon-Challis National Forest. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and Appendix C.

Site Code	Stream Name	Date Assessed	Sampling Method	Fish Present	Rainbow/Steelhead	Cutthroat	Bull	Brook	BrookxBull Hybrids	Whitefish	Sculpin	Chinook	Longnose Dace
87	Short Creek	7/19/2006	E-Fish	Y	N	Y	N	N	N	N	N	N	N
88	Silver Creek	7/12/2006	E-Fish	N	N	N	N	N	N	N	N	N	N
89	Silver Creek	7/12/2006	E-Fish	N	N	N	N	N	N	N	N	N	N
90	Sixmile Creek	7/10/2006	E-Fish	Y	N	Y	N	N	N	N	N	N	N
91	Slaughterhouse Gulch	7/6/2006	E-Fish	Y	N	Y	N	N	N	N	N	N	N
92	Unnamed Tributary to Spud Creek	6/29/2006	Visual	N	N	N	N	N	N	N	N	N	N
93	Unnamed Tributary to Unnamed Tributary to Spud Creek	6/26/2006	-	N	N	N	N	N	N	N	N	N	N
94	Spud Creek	6/22/2006	E-Fish	N	N	N	N	N	N	N	N	N	N
95	Unnamed Tributary to Spud Creek	6/26/2006	E-Fish	N	N	N	N	N	N	N	N	N	N
96	Unnamed Tributary to McKay Creek	6/28/2006	E-Fish	Y	N	Y	Y	N	N	N	N	N	N
97	Muley Creek	6/22/2006	E-Fish	Y	N	Y	N	N	N	N	N	N	N
98	Sunday Creek	7/17/2006	E-Fish	Y	N	N	Y	N	N	N	N	N	N
99	Summit Creek	8/16/2006	E-Fish	Y	N	Y	N	N	N	N	N	N	N
100	Swift Gulch	7/6/2006	E-Fish	N	N	N	N	N	N	N	N	N	N
101	Taylor Creek	8/8/2006	E-Fish	Y	N	N	Y	N	N	N	N	N	N
102	Twelvemile Creek	6/28/2006	E-Fish	N	N	N	N	N	N	N	N	N	N
103	Twelvemile Creek	6/28/2006	E-Fish	N	N	N	N	N	N	N	N	N	N
104	Unnamed Tributary to East Fork Herd Creek	8/7/2006	E-Fish	N	N	N	N	N	N	N	N	N	N
105	Hell Canyon	8/7/2006	-	N	N	N	N	N	N	N	N	N	N
106	Unnamed Tributary to Salmon River	6/21/2006	-	N	N	N	N	N	N	N	N	N	N
107	Copper Creek	7/20/2006	Visual	N	N	N	N	N	N	N	N	N	N
108	Elkhorn Creek	7/20/2006	Visual	N	N	N	N	N	N	N	N	N	N
109	Unnamed Tributary to Joes Gulch	7/20/2006	-	N	N	N	N	N	N	N	N	N	N
110	Unnamed Tributary to Juliette Creek	7/5/2006	E-Fish	Y	N	Y	N	N	N	N	N	N	N
111	Unnamed Tributary to Eightmile Creek	6/29/2006	E-Fish	N	N	N	N	N	N	N	N	N	N
112	West Fork Herd Creek	8/8/2006	E-Fish	Y	Y	N	N	N	N	N	Y	N	N
113	Prospect Creek	8/16/2006	E-Fish	Y	N	Y	Y	Y	Y	N	N	N	N
114	East Fork Valley Creek	8/16/2006	E-Fish	Y	N	N	Y	N	N	N	N	N	N
115	East Fork Valley Creek	8/16/2006	E-Fish	Y	N	Y	Y	Y	Y	N	N	N	N

Table 2. (continued). Species occurrence at sampling sites on the Yankee Fork Ranger District, Salmon-Challis National Forest. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and Appendix C.

Site Code	Stream Name	Date Assessed	Sampling Method	Fish Present	Rainbow/Steelhead	Cutthroat	Bull	Brook	BrookxBull Hybrids	Whitefish	Sculpin	Chinook	Longnose Dace
116	Valley Creek	8/16/2006	E-Fish	Y	N	Y	N	N	N	N	N	N	N
117	Valley Creek	8/15/2006	E-Fish	Y	N	Y	N	Y	N	N	Y	N	N
118	Valley Creek	8/15/2006	E-Fish	Y	N	N	N	Y	N	N	Y	N	N
119	Valley Creek	8/15/2006	E-Fish	Y	N	N	N	Y	N	N	Y	Y	N
120	West Fork Yankee Fork	7/11/2006	E-Fish	Y	N	N	Y	N	N	Y	Y	N	N
121	West Fork Yankee Fork	7/12/2006	E-Fish	Y	N	Y	Y	N	N	Y	Y	N	N
122	West Fork Yankee Fork	9/8/2006	Snorkel	Y	Y	N	N	N	N	N	Y	Y	N
123	Yankee Fork	6/27/2006	E-Fish	Y	N	Y	Y	N	N	N	N	N	N
124	Yankee Fork	6/27/2006	E-Fish	Y	N	Y	Y	N	N	N	N	N	N
125	Yankee Fork	6/28/2006	E-Fish	Y	N	N	Y	N	N	N	N	N	N
126	Yankee Fork	9/11/2006	E-Fish	Y	N	Y	Y	N	N	N	Y	Y	N
127	Yankee Fork	9/11/2006	Snorkel	Y	Y	Y	N	N	N	Y	Y	Y	N
128	Yankee Fork	9/8/2006	Snorkel	Y	N	N	N	N	N	N	Y	N	N
129	Yankee Fork	9/8/2006	Snorkel	Y	Y	N	N	N	N	Y	Y	Y	N
130	Blind Creek	7/11/2006	Visual	N	N	N	N	N	N	N	N	N	N
131	Rattlesnake Creek	7/13/2006	-	N	N	N	N	N	N	N	N	N	N
132	Lyon Creek	7/13/2006	-	N	N	N	N	N	N	N	N	N	N
133	Unnamed Tributary to Happy Hollow	7/13/2006	-	N	N	N	N	N	N	N	N	N	N
134	Happy Hollow	7/13/2006	-	N	N	N	N	N	N	N	N	N	N
135	Unnamed Tributary to Kinnikinic Creek	7/13/2006	-	N	N	N	N	N	N	N	N	N	N
136	Unnamed Tributary to Kinnikinic Creek	7/13/2006	-	N	N	N	N	N	N	N	N	N	N
137	Transfer Creek	7/13/2006	-	N	N	N	N	N	N	N	N	N	N
138	Unnamed Tributary to Marco Creek	6/26/2006	-	N	N	N	N	N	N	N	N	N	N
139	Unnamed Tributary to Marco Creek	6/26/2006	-	N	N	N	N	N	N	N	N	N	N
140	Unnamed Tributary to Marco Creek	6/26/2006	-	N	N	N	N	N	N	N	N	N	N
141	Unnamed Tributary to Marco Creek	6/26/2006	-	N	N	N	N	N	N	N	N	N	N
142	Marco Creek	6/26/2006	-	N	N	N	N	N	N	N	N	N	N
143	Marco Creek	6/26/2006	-	N	N	N	N	N	N	N	N	N	N

Table 2. (continued). Species occurrence at sampling sites on the Yankee Fork Ranger District, Salmon-Challis National Forest. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and Appendix C.

Site Code	Stream Name	Date Assessed	Sampling Method	Fish Present	Rainbow/Steelhead	Cutthroat	Bull	Brook	BrookxBull Hybrids	Whitefish	Sculpin	Chinook	Longnose Dace
144	Unnamed Tributary to Marco Creek	6/26/2006	-	N	N	N	N	N	N	N	N	N	N
145	Unnamed Tributary to Marco Creek	6/26/2006	-	N	N	N	N	N	N	N	N	N	N
146	Unnamed Tributary to Marco Creek	6/26/2006	-	N	N	N	N	N	N	N	N	N	N
147	Unnamed Tributary to Marco Creek	6/26/2006	-	N	N	N	N	N	N	N	N	N	N
148	Unnamed Tributary to Marco Creek	6/26/2006	-	N	N	N	N	N	N	N	N	N	N
149	Unnamed Tributary to Marco Creek	6/26/2006	-	N	N	N	N	N	N	N	N	N	N
150	Marco Creek	6/26/2006	-	N	N	N	N	N	N	N	N	N	N
151	Jimmy Smith Creek	6/26/2006	-	N	N	N	N	N	N	N	N	N	N
152	Unnamed Tributary to Unnamed Tributary to Corral Creek	6/26/2006	-	N	N	N	N	N	N	N	N	N	N
153	Unnamed Tributary to Unnamed Tributary to Corral Creek	6/26/2006	-	N	N	N	N	N	N	N	N	N	N
154	Unnamed Tributary to Corral Creek	6/26/2006	-	N	N	N	N	N	N	N	N	N	N
155	Unnamed Tributary to Spud Creek	6/26/2006	-	N	N	N	N	N	N	N	N	N	N
156	Unnamed Tributary to Spud Creek	6/26/2006	-	N	N	N	N	N	N	N	N	N	N
157	Unnamed Tributary to Unnamed Tributary to East Fork Salmon River	6/26/2006	-	N	N	N	N	N	N	N	N	N	N
158	Unnamed Tributary to Unnamed Tributary to Unnamed Tributary to East Fork Salmon River	6/26/2006	-	N	N	N	N	N	N	N	N	N	N
159	Unnamed Tributary to Unnamed Tributary to East Fork Salmon River	6/26/2006	-	N	N	N	N	N	N	N	N	N	N
160	Upper Harden Creek	6/15/2007	E-Fish	Y	N	Y	N	N	N	N	N	N	N
161	Unnamed Tributary to Upper Harden Creek	6/15/2007	E-Fish	N	N	N	N	N	N	N	N	N	N
162	Lower Harden Creek	6/14/2007	E-Fish	N	N	N	N	N	N	N	N	N	N
163	Upper Harden Creek	6/13/2007	E-Fish	Y	N	Y	N	N	N	N	N	N	N
164	American Creek	6/13/2007	E-Fish	N	N	N	N	N	N	N	N	N	N
165	Stovepipe Spring	6/13/2007	E-Fish	N	N	N	N	N	N	N	N	N	N
166	Peach Creek	6/13/2007	E-Fish	Y	N	Y	N	N	N	N	N	N	N
167	Little Basin Creek	6/14/2007	E-Fish	Y	N	Y	Y	N	N	N	Y	N	N
168	Yankee Fork	6/18/2007	E-Fish	Y	N	N	Y	N	N	N	N	N	N
169	Tenmile Creek	6/18/2007	E-Fish	N	N	N	N	N	N	N	N	N	N
170	Twelvemile Creek	6/20/2007	E-Fish	N	N	N	N	N	N	N	N	N	N

Table 2. (continued). Species occurrence at sampling sites on the Yankee Fork Ranger District, Salmon-Challis National Forest. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and Appendix C.

Site Code	Stream Name	Date Assessed	Sampling Method	Fish Present	Rainbow/Steelhead	Cutthroat	Bull	Brook	BrookxBull Hybrids	Whitefish	Sculpin	Chinook	Longnose Dace
171	Fox Creek	6/29/2007	E-Fish	N	N	N	N	N	N	N	N	N	N
172	Pine Creek	6/29/2007	E-Fish	Y	N	Y	N	N	N	N	N	N	N
173	Meridian Creek	6/29/2007	E-Fish	N	N	N	N	N	N	N	N	N	N
174	McDonald Creek	6/29/2007	E-Fish	Y	N	Y	N	N	N	N	N	N	N
175	Sheep Creek	6/29/2007	E-Fish	N	N	N	N	N	N	N	N	N	N
176	East Basin Creek	7/25/2007	E-Fish	Y	N	Y	N	N	N	N	N	N	N
177	West Fork Yankee Fork	7/25/2007	E-Fish	Y	N	Y	Y	N	N	N	Y	N	N
178	East Basin Creek	7/25/2007	E-Fish	Y	N	Y	N	N	N	N	N	N	N
179	Yankee Fork	7/24/2007	E-Fish	Y	Y	N	N	N	N	Y	Y	Y	N
180	Sevenmile Creek	7/24/2007	E-Fish	N	N	N	N	N	N	N	N	N	N
181	Bayhorse Creek	7/27/2007	E-Fish	Y	N	Y	N	N	N	N	N	N	N
182	Bayhorse Creek	7/26/2007	E-Fish	Y	N	Y	N	N	N	N	N	N	N
183	Bayhorse Creek	7/26/2007	E-Fish	Y	N	Y	N	N	N	N	N	N	N
184	Unnamed Tributary to Salmon River	7/31/2007	-	N	N	N	N	N	N	N	N	N	N
185	Unnamed Tributary to Salmon River	7/31/2007	-	N	N	N	N	N	N	N	N	N	N
186	Oster Gulch	7/31/2007	-	N	N	N	N	N	N	N	N	N	N
187	Unnamed Tributary to Salmon River	7/31/2007	-	N	N	N	N	N	N	N	N	N	N
188	Unnamed Tributary to Unnamed Tributary to Salmon River	7/31/2007	-	N	N	N	N	N	N	N	N	N	N
189	Unnamed Tributary to Salmon River	7/31/2007	-	N	N	N	N	N	N	N	N	N	N
190	Unnamed Tributary to Badger Creek	7/31/2007	-	N	N	N	N	N	N	N	N	N	N
191	Unnamed Tributary to Badger Creek	7/31/2007	-	N	N	N	N	N	N	N	N	N	N
192	Unnamed Tributary to Burnt Creek	7/31/2007	-	N	N	N	N	N	N	N	N	N	N
193	Unnamed Tributary to Burnt Creek	7/31/2007	-	N	N	N	N	N	N	N	N	N	N
194	Unnamed Tributary to Salmon River	7/31/2007	-	N	N	N	N	N	N	N	N	N	N
195	Bull Gulch	7/31/2007	-	N	N	N	N	N	N	N	N	N	N
196	Unnamed Tributary to Bull Gulch	7/31/2007	-	N	N	N	N	N	N	N	N	N	N
197	Bull Gulch	7/31/2007	-	N	N	N	N	N	N	N	N	N	N
198	Pine Gulch	7/31/2007	-	N	N	N	N	N	N	N	N	N	N

Table 2. (continued). Species occurrence at sampling sites on the Yankee Fork Ranger District, Salmon-Challis National Forest. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and Appendix C.

Site Code	Stream Name	Date Assessed	Sampling Method	Fish Present	Rainbow/Steelhead	Cutthroat	Bull	Brook	BrookxBull Hybrids	Whitefish	Sculpin	Chinook	Longnose Dace
199	Unnamed Tributary to Lake Creek	7/31/2007	-	N	N	N	N	N	N	N	N	N	N
200	Unnamed Tributary to Bull Gulch	7/31/2007	-	N	N	N	N	N	N	N	N	N	N
201	Unnamed Tributary to Bull Gulch	7/31/2007	-	N	N	N	N	N	N	N	N	N	N
202	Unnamed Tributary to Bull Gulch	7/31/2007	-	N	N	N	N	N	N	N	N	N	N
203	Unnamed Tributary to East Fork Herd Creek	7/31/2007	-	N	N	N	N	N	N	N	N	N	N
204	Unnamed Tributary to East Fork Herd Creek	7/31/2007	-	N	N	N	N	N	N	N	N	N	N
205	Unnamed Tributary to West Fork Herd Creek	7/31/2007	-	N	N	N	N	N	N	N	N	N	N
206	Unnamed Tributary to West Fork Herd Creek	7/31/2007	-	N	N	N	N	N	N	N	N	N	N
207	Sagebrush Creek	7/31/2007	-	N	N	N	N	N	N	N	N	N	N
208	Unnamed Tributary to Sagebrush Creek	7/31/2007	-	N	N	N	N	N	N	N	N	N	N
209	Unnamed Tributary to Sagebrush Creek	7/31/2007	-	N	N	N	N	N	N	N	N	N	N
210	Unnamed Tributary to Sagebrush Creek	7/31/2007	-	N	N	N	N	N	N	N	N	N	N
211	Sagebrush Creek	7/31/2007	-	N	N	N	N	N	N	N	N	N	N
212	Sagebrush Creek	7/31/2007	-	N	N	N	N	N	N	N	N	N	N
213	Sagebrush Creek	7/31/2007	-	N	N	N	N	N	N	N	N	N	N
214	Unnamed Tributary to Sagebrush Creek	7/31/2007	-	N	N	N	N	N	N	N	N	N	N
215	Unnamed Tributary to Sagebrush Creek	7/31/2007	-	N	N	N	N	N	N	N	N	N	N
216	Unnamed Tributary to Sagebrush Creek	7/31/2007	-	N	N	N	N	N	N	N	N	N	N
217	Unnamed Tributary to Unnamed Tributary to Sagebrush Creek	7/31/2007	-	N	N	N	N	N	N	N	N	N	N
218	Unnamed Tributary to Sagebrush Creek	7/31/2007	-	N	N	N	N	N	N	N	N	N	N
219	Unnamed Tributary to Unnamed Tributary to Sagebrush Creek	7/31/2007	-	N	N	N	N	N	N	N	N	N	N
220	Martin Creek ¹	6/27/2003	E-Fish	Y	N	Y	Y	N	N	N	N	N	N
221	South Fork of Martin Creek ¹	6/30/2003	E-Fish	Y	N	Y	N	N	N	N	N	N	N
222	Unnamed Tributary to Martin Creek ¹	6/27/2003	E-Fish	Y	N	Y	N	N	N	N	N	N	N
223	Aspen Creek ¹	6/28/2003	E-Fish	N	N	N	N	N	N	N	N	N	N
224	Trail Creek ¹	6/29/2003	E-Fish	Y	N	Y	N	N	N	N	N	N	N
225	Cinnabar Creek ¹	6/29/2003	E-Fish	Y	N	Y	N	N	N	N	N	N	N

¹Data collected by the Idaho Department of Fish and Game (see methods for more information).

Table 2. (continued). Species occurrence at sampling sites on the Yankee Fork Ranger District, Salmon-Challis National Forest. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and Appendix C.

Site Code	Stream Name	Date Assessed	Sampling Method	Fish Present	Rainbow/Steelhead	Cutthroat	Bull	Brook	BrookxBull Hybrids	Whitefish	Sculpin	Chinook	Longnose Dace
226	Cash Creek ¹	6/30/2003	E-Fish	Y	Y	Y	N	N	N	N	N	N	N
227	Squaw Creek ¹	7/10/2003	E-Fish	Y	Y	N	N	N	N	N	Y	N	N
228	Squaw Creek ¹	7/10/2003	E-Fish	Y	Y	Y	N	N	N	N	Y	N	N
229	Squaw Creek ¹	7/1/2003	E-Fish	Y	Y	Y	Y	N	N	N	Y	N	N
230	Squaw Creek ¹	6/28/2003	E-Fish	Y	N	Y	N	N	N	N	N	N	N
231	Squaw Creek ¹	6/28/2003	E-Fish	Y	N	Y	N	N	N	N	N	N	N
232	Bruno Creek ¹	7/11/2003	E-Fish	Y	N	Y	N	N	N	N	N	N	N
233	Bruno Creek ¹	7/11/2003	E-Fish	Y	N	Y	N	N	N	N	N	N	N
234	Thompson Creek ¹	8/5/2004	E-Fish	Y	Y	N	N	N	N	N	Y	Y	N
235	Thompson Creek ¹	7/12/2004	E-Fish	Y	Y	N	N	N	N	N	Y	N	N
236	Thompson Creek ¹	7/12/2004	E-Fish	Y	Y	N	N	N	N	N	Y	N	N
237	Thompson Creek ¹	7/12/2004	E-Fish	Y	Y	N	N	N	N	N	Y	N	N
238	Thompson Creek ¹	7/12/2004	E-Fish	Y	N	Y	N	N	N	N	Y	N	N
239	Thompson Creek ¹	7/12/2004	E-Fish	Y	Y	Y	N	N	N	N	Y	N	N
240	Thompson Creek ¹	7/11/2004	E-Fish	Y	Y	Y	N	N	N	N	Y	N	N
241	Thompson Creek ¹	7/10/2004	E-Fish	Y	N	Y	N	N	N	N	Y	N	N
242	Thompson Creek ¹	7/9/2004	E-Fish	Y	N	Y	N	N	N	N	Y	N	N
243	Thompson Creek ¹	7/8/2004	E-Fish	Y	N	Y	Y	N	N	N	N	N	N
244	Thompson Creek ¹	7/8/2004	E-Fish	Y	N	Y	N	N	N	N	N	N	N
245	Thompson Creek ¹	7/7/2004	E-Fish	Y	N	Y	N	N	N	N	N	N	N
246	Alder Creek ¹	7/11/2004	E-Fish	Y	N	Y	N	N	N	N	N	N	N
247	Unnamed Tributary to Thompson Creek ¹	7/10/2004	E-Fish	Y	N	Y	N	N	N	N	N	N	N
248	Unnamed Tributary to Thompson Creek ¹	7/9/2004	E-Fish	Y	N	Y	N	N	N	N	N	N	N
249	McKay Creek	8/21/2007	E-Fish	Y	N	Y	Y	N	N	N	N	N	N
250	Thompson Creek	8/14/2007	E-Fish	Y	N	Y	Y	N	N	N	N	N	N
251	East Pass Creek	8/22/2007	E-Fish	Y	Y	Y	Y	N	N	N	Y	N	N
252	Unnamed Tributary to Hell Canyon	8/13/2007	-	N	N	N	N	N	N	N	N	N	N

¹Data collected by the Idaho Department of Fish and Game (see methods for more information).

Table 2. (continued). Species occurrence at sampling sites on the Yankee Fork Ranger District, Salmon-Challis National Forest. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and Appendix C.

Site Code	Stream Name	Date Assessed	Sampling Method	Fish Present	Rainbow/Steelhead	Cutthroat	Bull	Brook	BrookxBull Hybrids	Whitefish	Sculpin	Chinook	Longnose Dace
253	Unnamed Tributary to East Fork Herd Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
254	Unnamed Tributary to East Fork Herd Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
255	Unnamed Tributary to East Fork Herd Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
256	Unnamed Tributary to East Fork Herd Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
257	Unnamed Tributary to East Fork Herd Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
258	Unnamed Tributary to East Fork Herd Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
259	Unnamed Tributary to West Fork Herd Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
260	Unnamed Tributary to Unnamed Tributary to West Fork Herd Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
261	Unnamed Tributary to West Fork Herd Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
262	Unnamed Tributary to East Pass Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
263	Unnamed Tributary to East Pass Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
264	Unnamed Tributary to East Pass Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
265	Unnamed Tributary to East Pass Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
266	Unnamed Tributary to East Pass Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
267	Unnamed Tributary to East Pass Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
268	Unnamed Tributary to Taylor Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
269	Unnamed Tributary to Taylor Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
270	Unnamed Tributary to Sheep Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
271	Sheep Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
272	Unnamed Tributary to East Pass Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
273	Unnamed Tributary to Sheep Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
274	Unnamed Tributary to McDonald Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
275	Unnamed Tributary to McDonald Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
276	Unnamed Tributary to McDonald Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
277	Unnamed Tributary to McDonald Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
278	Unnamed Tributary to McDonald Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
279	Unnamed Tributary to Unnamed Tributary to Taylor Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N

Table 2. (continued). Species occurrence at sampling sites on the Yankee Fork Ranger District, Salmon-Challis National Forest. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and Appendix C.

Site Code	Stream Name	Date Assessed	Sampling Method	Fish Present	Rainbow/Steelhead	Cutthroat	Bull	Brook	BrookxBull Hybrids	Whitefish	Sculpin	Chinook	Longnose Dace
280	Sheep Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
281	Unnamed Tributary to Taylor Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
282	Unnamed Tributary to Unnamed Tributary to Taylor Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
283	Unnamed Tributary to Taylor Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
284	Unnamed Tributary to Taylor Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
285	Unnamed Tributary to East Pass Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
286	Unnamed Tributary to East Pass Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
287	Unnamed Tributary to East Pass Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
288	Unnamed Tributary to Pine Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
289	Unnamed Tributary to Pine Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
290	Unnamed Tributary to Pine Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
291	Unnamed Tributary to Unnamed Tributary to Pine Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
292	Unnamed Tributary to Unnamed Tributary to Pine Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
293	Unnamed Tributary to Pine Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
294	Unnamed Tributary to Pine Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
295	Pine Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
296	Unnamed Tributary to Bowery Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
297	Bowery Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
298	Bowery Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
299	Unnamed Tributary to Bowery Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
300	Unnamed Tributary to East Pass Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
301	Unnamed Tributary to Unnamed Tributary to East Pass Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
302	Unnamed Tributary to East Pass Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
303	Unnamed Tributary to Unnamed Tributary to East Pass Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
304	Unnamed Tributary to East Pass Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
305	Unnamed Tributary to East Pass Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
306	Unnamed Tributary to East Pass Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N

Table 2. (continued). Species occurrence at sampling sites on the Yankee Fork Ranger District, Salmon-Challis National Forest. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and Appendix C.

Site Code	Stream Name	Date Assessed	Sampling Method	Fish Present	Rainbow/Steelhead	Cutthroat	Bull	Brook	BrookxBull Hybrids	Whitefish	Sculpin	Chinook	Longnose Dace
307	Unnamed Tributary to East Pass Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
308	Unnamed Tributary to McDonald Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
309	Unnamed Tributary to Unnamed Tributary to McDonald Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
310	Unnamed Tributary to McDonald Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
311	Unnamed Tributary to Sheep Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
312	Unnamed Tributary to Sheep Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
313	Unnamed Tributary to Sheep Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
314	Unnamed Tributary to Sheep Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
315	Unnamed Tributary to Unnamed Tributary to Sheep Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
316	Unnamed Tributary to Deer Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
317	Unnamed Tributary to Deer Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
318	Unnamed Tributary to East Fork Salmon River	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
319	Unnamed Tributary to Bowery Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
320	Unnamed Tributary to Unnamed Tributary to Bowery Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
321	Unnamed Tributary to Bowery Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
322	Unnamed Tributary to Unnamed Tributary to Bowery Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
323	Unnamed Tributary to Unnamed Tributary to Bowery Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
324	Unnamed Tributary to Long Tom Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
325	Unnamed Tributary to Long Tom Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
326	Unnamed Tributary to Unnamed Tributary to Long Tom Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
327	Unnamed Tributary to Unnamed Tributary to Long Tom Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
328	Unnamed Tributary to Unnamed Tributary to Long Tom Creek	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
329	Narrow Canyon	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
330	Narrow Canyon	8/13/2007	-	N	N	N	N	N	N	N	N	N	N

Table 2. (continued). Species occurrence at sampling sites on the Yankee Fork Ranger District, Salmon-Challis National Forest. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and Appendix C.

Site Code	Stream Name	Date Assessed	Sampling Method	Fish Present	Rainbow/Steelhead	Cutthroat	Bull	Brook	BrookxBull Hybrids	Whitefish	Sculpin	Chinook	Longnose Dace
331	Unnamed Tributary to Narrow Canyon	8/13/2007	-	N	N	N	N	N	N	N	N	N	N
332	Fivemile Creek	7/6/2006	E-Fish	N	N	N	N	N	N	N	N	N	N
333	Basin Creek ¹	9/23/2002	E-Fish	Y	Y	N	N	N	N	N	Y	N	N
334	Basin Creek ¹	9/23/2002	E-Fish	Y	Y	N	N	N	N	N	Y	N	N
335	Basin Creek ²	9/4/2002	E-Fish	Y	Y	N	N	N	N	N	Y	Y	N
336	Basin Creek ²	9/5/2002	E-Fish	Y	Y	N	N	N	N	N	Y	Y	N
337	Valley Creek ³	2004	Snorkel	Y	Y	Y	N	N	N	Y	N	Y	N

¹Data collected by the Idaho Department of Fish and Game (see methods for more information).

²Data collected by the Idaho Department of Environmental Quality (see methods for more information).

³Data collected by the Shoshone-Bannock Tribes (see methods for more information).

Table 3. Salmonid densities at sampling sites on the Yankee Fork Ranger District, Salmon-Challis National Forest. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and Appendix C.

Site Code	Stream Name	Date Assessed	Sampling Method	Number of Passes	Salmonid Density (fish/100 m ²)							Total Salmonid Density
					RB/SH	CT	BL	BK	BKxBL	WF	CH	
122	West Fork Yankee Fork	9/8/2006	Snorkel	1	0.9	0.0	0.0	0.0	0.0	0.0	1.2	2.1
127	Yankee Fork	9/11/2006	Snorkel	1	2.4	0.1	0.0	0.0	0.0	4.4	0.4	7.3
128	Yankee Fork	9/8/2006	Snorkel	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129	Yankee Fork	9/8/2006	Snorkel	1	0.5	0.0	0.0	0.0	0.0	0.1	1.5	2.1
222	Unnamed Tributary to Martin Creek ¹	6/27/2003	E-Fish	3	0.0	11.0	0.0	0.0	0.0	0.0	0.0	11.0
224	Trail Creek ¹	6/29/2003	E-Fish	3	0.0	22.5	0.0	0.0	0.0	0.0	0.0	22.5
234	Thompson Creek ¹	8/5/2004	E-Fish	3	7.2	0.0	0.0	0.0	0.0	0.0	4.2	11.4
240	Thompson Creek ¹	7/11/2004	E-Fish	3	0.0	11.7	0.0	0.0	0.0	0.0	0.0	11.7
242	Thompson Creek ¹	7/9/2004	E-Fish	3	0.0	5.7	0.0	0.0	0.0	0.0	0.0	5.7
249	McKay Creek	08/21/2007	E-Fish	2	0.0	1.1	4.1	0.0	0.0	0.0	0.0	5.2
250	Thompson Creek	08/14/2007	E-Fish	2	0.0	36.2	0 ²	0.0	0.0	0.0	0.0	36.2
251	East Pass Creek	08/22/2007	E-Fish	2	1.3	0.2	0.2	0.0	0.0	0.0	0.0	1.7
337	Valley Creek ³	2004	Snorkel	1	1.3	0.2	0.0	0.0	0.0	0.2	0.7	2.4

¹Data collected by the Idaho Department of Fish and Game (see methods for more information).

²Bull trout less than 70 mm were collected at this site.

³Data collected by the Shoshone-Bannock Tribes (see methods for more information).

Table 4. Mountain lakes where fish have been observed on the Yankee Fork Ranger District, Salmon-Challis National Forest.

Lake Name	UTM			Survey Date	Species Observed	Source
	Zone	Easting	Northing			
Bayhorse Lake #1 (Big)	11	706791	4920739	1988	Rainbow trout	Lukens and Davis 1989
				1978	Rainbow trout	Jeppson and Ball 1979
				1971	Rainbow trout	Corley 1972
				1955	Rainbow trout, Brook trout	IDFG 1955
Bayhorse Lake #2 (Little)	11	707891	4920786	2006	Rainbow trout	Curet et al 2008
				1988	Rainbow trout	Lukens and Davis 1989
				1978	Rainbow trout	Jeppson and Ball 1979
Cabin Creek Lake #3	11	667111	4920359	7/20/2000	Unidentified	Larkin et al. 2001
Cabin Creek Lake #4 (Crimson Lake)	11	668000	4920500	2007	Cutthroat trout	J. Vacirca, USDA Forest Service, personal communication
				7/21/2000	Cutthroat trout	Larkin et al. 2001
				mid 1990's	Cutthroat trout	J. Fowler, USDA Forest Service, personal communication
Cabin Creek Lake #7	11	668087	4919925	7/21/2000	Cutthroat trout	Larkin et al. 2001
Cabin Creek Peak Lake #3	11	665740	4918799	7/20/2000	Cutthroat trout	Larkin et al. 2001
Cabin Creek Peak Lake #4	11	666497	4919870	7/20/2000	Unidentified	Larkin et al. 2001
				late 1990's	Cutthroat trout	J. Fowler, USDA Forest Service, personal communication
East Basin Lake #1	11	676101	4910279	mid 1990's	Cutthroat trout	J. Fowler, USDA Forest Service, personal communication
East Basin Lake #2	11	676051	4910560	mid 1990's	Cutthroat trout	J. Fowler, USDA Forest Service, personal communication
Hindman Lake #1	11	665590	4916661	7/24/2000	Cutthroat trout	Larkin et al. 2001
Lightning Lake	11	676085	4925779	mid 1990's	Cutthroat trout	J. Fowler, USDA Forest Service, personal communication
Valley Creek Lake, Lower	11	656437	4914921	8/4/2000	Rainbow Trout	Larkin et al. 2001
Valley Creek Lake #1	11	662632	4915429	6/6/2004	Cutthroat trout	Esselman et al. 2008
				mid 1990's	Cutthroat trout	J. Fowler, USDA Forest Service, personal communication
				1978	Cutthroat trout, Rainbow trout	Jeppson and Ball 1979
Valley Creek Lake #2	11	663174	4915004	6/6/2004	Cutthroat trout	Esselman et al. 2008
				8/7/1996	Cutthroat trout	Liter et al. 2000
				mid 1990's	Cutthroat trout	J. Fowler, USDA Forest Service, personal communication
				1978	Cutthroat trout	Jeppson and Ball 1979

APPENDIX C – RAW SITE DATA

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

Site Code	1
Tracking Code	2006-01
Ranger District	Yankee Fork
Watershed	Yankee Fork
Stream	Adair Creek
Site Description	50 meter reach below diversion
UTM Zone	11
UTM Easting	683369
UTM Northing	4916933
Date of Assessment	7/10/2006
Time	18:15
Observers	M.Jeffress, M.Foster, M.Tillotson
Length	50
Width 1	1.5
Width 2	2.2
Width 3	2
Width 4	2.3
Width 5	2.5
Width 6	3
Air Temperature	23.1
Water Temperature	10.5
Sampling Method	E-fish
Number of shockers	1
Number of Netters	1
Number of Passes	1
Species 1	<u>Rainbow</u>
Species 3	<u>Bull</u>
Comments	Fish were found in section above bridge and below grad. break at waypoint 0683343 E, 4917044N.

Pass #1	
Rainbow Trout	Bull Trout
143	235

Site Code	2
Tracking Code	2006-02
Ranger District	Yankee Fork
Watershed	Yankee Fork
Stream	Adair Creek
Site Description	50 meter reach above the diversion
UTM Zone	11
UTM Easting	683369
UTM Northing	4916933
Date of Assessment	7/10/2006
Time	17:45
Observers	M.Jeffress, M.Foster, M.Tillotson
Length	50
Width 1	3.8
Width 2	1.2
Width 3	1.5
Width 4	1.7
Width 5	2
Air Temperature	24.8
Water Temperature	10.5
Sampling Method	E-fish
Number of shockers	1
Number of Netters	1
Number of Passes	1
Comments	No fish found. Tailed frogs present.

Site Code	3
Tracking Code	2006-V-03
Ranger District	Yankee Fork
Watershed	Main Salmon
Stream	Aspen Gulch
Site Description	west of small log piles
UTM Zone	11
UTM Easting	686959
UTM Northing	4902238
Date of Assessment	6/21/2006

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

Time	17:49
Observers	T.Brewer, E.Tillotson
Length	≈75
DETERMINATION	No Perennial Flow - No Additional Work Needed
Comments	Dry
Site Code	4
Tracking Code	2006-05
Ranger District	Yankee Fork
Watershed	Main Salmon
Stream	Basin Creek
Site Description	stream is located adjacent to where trail parallels to stream in meadow/marshy
UTM Zone	11
UTM Easting	667270
UTM Northing	4913641
Date of Assessment	7/18/2006
Time	14:00
Observers	M.Jeffress, M.Tillotson, M.Foster
Length	100
Width 1	3.8
Width 2	4.2
Width 3	6.7
Width 4	4.4
Width 5	3.2
Width 6	2.6
Width 7	3.9
Width 8	3.1
Width 9	2.4
Width 10	2.2
Air Temperature	27.5
Water Temperature	12.5
Sampling Method	E-fish
Number of shockers	1
Number of Netters	2
Number of Passes	1
Species 1	Bull
Comments	Biggest bull trout ever. Unknown species of frog; tailed tadpoles present; several stream channels present 3-4 large woody debris.

Pass #1

Bull Trout
461
149
147
112
111
98
94
87
84
76
70
66
62
59
36
32

Site Code	5
Tracking Code	2006-06
Ranger District	Yankee Fork
Watershed	Main Salmon
Stream	Basin Creek
Site Description	reach starts at log jam water fall 1/2 mile above Sunday Creek fork
UTM Zone	11
UTM Easting	667297
UTM Northing	4913792
Date of Assessment	7/17/2006
Time	18:30
Observers	M.Jeffress, T.Brewer, M.Foster, M.Tillotson

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

Length	10
Air Temperature	28.1
Water Temperature	11.7
Sampling Method	E-fish
Number of shockers	1
Number of Netters	2
Number of Passes	1
Species 1	<u>Bull</u>
Species 2	<u>Cutthroat</u>
Comments	E-fish went down after 10 m.

Pass #1	
Bull Trout	Cutthroat Trout
102	75

Site Code	6
Tracking Code	2006-07
Ranger District	Yankee Fork
Watershed	Main Salmon
Stream	Basin Creek
Site Description	from mouth of coal creek up 100 m
UTM Zone	11
UTM Easting	673379
UTM Northing	4903871
Date of Assessment	7/19/2006
Time	18:16
Observers	M.Foster, M.Jeffress, M.Tillotson, T.Brewer
Length	50
Width 1	10.1
Width 2	9
Width 3	9
Width 4	9.5
Width 5	7.5
Width 6	7.9
Air Temperature	32.2
Water Temperature	18.4
Sampling Method	E-fish
Number of shockers	1
Number of Netters	2
Number of Passes	1
Species 1	<u>Rainbow</u>
Nongame fish present	<u>Longnose Dace</u>
Comments	Nongame fish present

Pass #1	
Rainbow Trout	Longnose Dace
89	118 116

Site Code	7
Tracking Code	2006-08
Ranger District	Yankee Fork
Watershed	Main Salmon
Stream	Basin Creek
Site Description	below confluence of Sunday Creek 0.4 miles up from confluence of Little Basin
UTM Zone	11
UTM Easting	667665
UTM Northing	4911583
Date of Assessment	7/18/2006
Time	15:44
Observers	M.Jeffress, M.Tillotson, M.Foster
Length	100
Width 1	4.7
Width 2	5
Width 3	4.2
Width 4	4.8
Width 5	7.3
Width 6	4
Width 7	6.5
Width 8	6.9

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

Width 9	4.1
Width 10	5.2
Air Temperature	30.2
Sampling Method	E-fish
Number of shockers	1
Number of Netters	2
Number of Passes	1
Species 1	<u>Bull</u>
Species 2	<u>Cutthroat</u>
Nongame fish present	<u>Sculpin</u>
Comments	Shocker was running on G4-1000 and fish were not responding (missed ≈15 fish). Tailed frogs and tailed frog tadpoles present. Large woody debris present (several pools).

Pass #1	
Bull Trout	Cutthroat Trout
193	105
106	70
67	69

Site Code	8
Tracking Code	2006-V-09
Ranger District	Yankee Fork
Watershed	Main Salmon
Stream	Badger Creek
Site Description	West of large bend in road. Immediately north of small brown sign
UTM Zone	11
UTM Easting	692969
UTM Northing	4902989
Date of Assessment	6/21/2006
Observers	E.Tillotson
Length	250
Width 1	1
Width 2	0.4
Width 3	0.2
Air Temperature	29
Water Temperature	10.6
DETERMINATION:	Perennial Flow - No Suitable Fish Habitat - No Additional Sampling Needed
Comments	Stream covered with vegetation, shocking would be difficult

Site Code	9
Tracking Code	2006-11
Ranger District	Yankee Fork
Watershed	East Fork Salmon River
Stream	Bowery Creek
Site Description	Bowery above Long Tom Canyon
UTM Zone	11
UTM Easting	706808
UTM Northing	4877838
Date of Assessment	8/11/2006
Time	12:14
Observers	M.Haroldsen, J.Vacirca
Length	≈60m (unable to do more because of overgrowth)
Width 1	2.5
Width 2	2
Width 3	3.1
Width 4	2.4
Width 5	2.8
Width 6	2.7
Air Temperature	21.2
Water Temperature	10.2
Sampling Method	E-fish
Number of shockers	1
Number of Netters	1
Number of Passes	1
Species 1	<u>Bull</u>
Species 2	<u>Cutthroat</u>
Comments	This stream is extremely overgrown-extremely difficult to shock effectively. 2 fish were observed but unable to capture due to brush-one was 200mm+ the other was 100 or less- lots of dead fall.

Pass #1

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

Bull Trout	Cutthroat
124	180
	167
	160
Site Code	10
Tracking Code	2006-12
Ranger District	Yankee Fork
Watershed	E.F. Salmon River
Stream	Bowery Creek
Site Description	1/2 mile from confluence next to cliffs
UTM Zone	11
UTM Easting	704237
UTM Northing	4878099
Date of Assessment	8/17/2006
Time	11:30
Observers	M.Foster, M.Haroldsen
Length	51
Width 1	3
Width 2	2.8
Width 3	2.2
Width 4	2
Width 5	2.9
Width 6	2.7
Air Temperature	20.3
Water Temperature	9.2
Sampling Method	E-fish
Number of shockers	1
Number of Netters	1
Number of Passes	1
Species 1	<u>Cutthroat</u>
Species 2	<u>CutthroatxRainbow Hybrid</u>
Comments	This is a brushy creek large deep water with lots of small plunge pools

Pass #1	Cutthroat Trout	CtxRb Hybrid
	213	161
	210	160
	185	80
	129	69

Site Code	11
Tracking Code	2006-13
Ranger District	Yankee Fork
Watershed	Main Salmon
Stream	Broken Ridge Creek
Site Description	30 m below 4-wheeler road. Take road 388 to the right & walk down hill to 4-wheeler road.
UTM Zone	11
UTM Easting	707677
UTM Northing	4911415
Date of Assessment	7/26/2006
Time	10:53
Observers	M.Foster, E.Tillotson
Length	100
Width 1	1.4
Width 2	1.1
Width 3	1.7
Width 4	0.7
Width 5	0.8
Width 6	1.3
Air Temperature	17.5
Water Temperature	8.3
Sampling Method	E-fish
Number of shockers	1
Number of Netters	1
Number of Passes	1
Comments	Shocked 70m and spot shocked 30meters. High gradient, no fish were seen or netted. My guess is that this creek has not run as much water in the past.

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

Site Code 12
Tracking Code 2006-14
Ranger District Yankee Fork
Watershed Main Salmon
Stream Burnt Creek
Site Description 1/4 mile North of Torrey's Float Boat access
UTM Zone 11
UTM Easting 691707
UTM Northing 4902784
Date of Assessment 6/21/2006
Observers T.Brewer, E.Tillotson
Length 50
Width 1 1.2
Width 2 1
Width 3 1.7
Width 4 0.6
Width 5 1.1
Water Temperature 9.7
Sampling Method E-Fish
Number of shockers 1
Number of Netters 1
Number of Passes 1
Comments No Fish found. Spot shocked from private property line to first fence. Pipes run downstream from diversion

Site Code 13
Tracking Code 2006-V-15
Ranger District Yankee Fork
Watershed Main Salmon
Stream Cabin Creek
Site Description Just off road 391 (left) where road crosses culvert
UTM Zone 11
UTM Easting 706509
UTM Northing 4912518
Date of Assessment 7/25/2006
Time 14:51
Observers M.Foster, E.Tillotson
Length 50
Width 1 0.9
Width 2 1.0
Width 3 1.6
Width 4 1.6
Width 5 0.9
Width 6 0.7
Air Temperature 22.1
Water Temperature 13.1
DETERMINATION: **Perennial Flow - No Suitable Fish Habitat - No Additional Sampling Needed**
Comments No fish seen.

Site Code 14
Tracking Code 2006-V-16
Ranger District Yankee Fork
Watershed Main Salmon
Stream Coal Creek
Site Description 100-150 yards from main road by Coal Creek sign
UTM Zone 11
UTM Easting 706925
UTM Northing 4911349
Date of Assessment 7/26/2006
Time 11:40
Observers M.Foster, E.Tillotson
Length 50
Air Temperature 24.7
DETERMINATION: **No Perennial Flow - No Additional Work Needed**
Comments Dry; one little spot of water 0.2 deep .5 meters long. Looks to me like a little spring or a runoff cr.

Site Code 15
Tracking Code 2006-17
Ranger District Yankee Fork

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

Watershed	Yankee Fork
Stream	Cabin Creek
Site Description	2nd creek crossing on Bike trail
UTM Zone	11
UTM Easting	671947
UTM Northing	4919726
Date of Assessment	7/12/2006
Time	17:00
Observers	M.Jeffress, M.Foster, M.Tillotson
Length	50
Width 1	5.9
Width 2	8.7
Width 3	11.1
Width 4	5.9
Width 5	6.2
Air Temperature	22.4
Water Temperature	12.3
Sampling Method	E-fish
Number of shockers	1
Number of Netters	2
Number of Passes	1
Species 1	<u>Bull</u>
Species 2	<u>Cutthroat</u>
Nongame Fish Species	<u>Sculpin</u>

Pass #1

Bull Trout	Cutthroat Trout
176	236
	209
	154
	104
	102
	99
	96
	94
	87

Site Code	16
Tracking Code	2006-18
Ranger District	Yankee Fork
Watershed	Main Salmon
Stream	Coal Creek
Site Description	1.1 miles from Basin Creek road
UTM Zone	11
UTM Easting	673757
UTM Northing	4905401
Date of Assessment	7/19/2006
Time	17:44
Observers	M.Jeffress, T.Brewer, M.Foster, M.Tillotson
Length	50
Width 1	1
Width 2	1.2
Width 3	1.8
Width 4	1.3
Width 5	3
Width 6	1.5
Air Temperature	23.3
Water Temperature	12.8
Sampling Method	E-fish
Number of shockers	1
Number of Netters	2
Number of Passes	1
Species 1	<u>Cutthroat</u>
Comments	Tailed frog & tadpoles present

Pass #1

Cutthroat Trout
147
118
117

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

109
104
85

Site Code	17
Tracking Code	2006-19
Ranger District	Yankee Fork
Watershed	Main Salmon
Stream	Corral Creek
Site Description	30 yards below end of road
UTM Zone	11
UTM Easting	707174
UTM Northing	4910649
Date of Assessment	7/26/2006
Time	12:12
Observers	M.Foster, E.Tillotson
Length	50
Width 1	1
Width 2	1.1
Width 3	1.5
Width 4	2.1
Width 5	1.7
Width 6	1.4
Air Temperature	23.9
Water Temperature	9.9
Sampling Method	E-fish
Number of shockers	1
Number of Netters	1
Number of Passes	1
Comments	No fish seen or netted. Lots of natural little but natural fish barriers. Not too much water but lots of little pools. Pretty high gradient. Very brushy past campsite.

Site Code	18
Tracking Code	2006-20
Ranger District	Yankee Fork
Watershed	Yankee Fork
Stream	Deadwood Creek
Site Description	approx. 1/4 mile below upper reach approx. 1/4mile above confluence of west fork & deadwood
UTM Zone	11
UTM Easting	677110
UTM Northing	4915667
Date of Assessment	7/13/2006
Time	10:13
Observers	M.Jeffress, M.Hallowell, T.Brewer, M.Foster, M.Haroldsen
Length	50
Width 1	3.6
Width 2	3.9
Width 3	2.6
Width 4	2.5
Width 5	3
Width 6	4
Air Temperature	22.2
Water Temperature	6.4
Sampling Method	E-fish
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	<u>Rainbow</u>
Species 3	<u>Bull</u>
Species 4	<u>Cutthroat</u>
Comments	Tailed frogs and tadpoles present

Pass #1			
Rainbow Trout	Bull Trout	Cutthroat Trout	
165	74	95	
150			
135			
134			
130			

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

Site Code	19
Tracking Code	2006.21
Ranger District	Yankee Fork
Watershed	Yankee Fork
Stream	Deadwood Creek
Site Description	1/2 mile above confluence with the West Fork of Yankee fork approximately 150 m below upper confluence of tribs
UTM Zone	11
UTM Easting	676852
UTM Northing	4915371
Date of Assessment	7/13/2006
Time	09:04
Observers	M.Jeffress, T.Brewer, M.Foster, M.Hallowell, M.Haroldsen
Length	50
Width 1	4.2
Width 2	4.7
Width 3	5.7
Width 4	3.4
Width 5	3.5
Air Temperature	12.3
Water Temperature	5.8
Sampling Method	E-fish
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Comments	Good fish habitat but possible grade break below water fall approx. 75 m below reach shocked

Site Code	20
Tracking Code	2006-V-22
Ranger District	Yankee Fork
Watershed	E.F. Salmon River
Stream	Deer Creek
UTM Zone	11
UTM Easting	703965
UTM Northing	4880466
Date of Assessment	8/9/2006
Observers	M.Jeffress, M.Foster, E.Tillotson, M.Haroldsen
Length	50
Width 1	0.9
Width 2	1
Width 3	1.2
Width 4	0.4
Width 5	0.8
Width 6	0.9
Air Temperature	19.3
Water Temperature	3.5
DETERMINATION:	Perennial Flow - No Suitable Fish Habitat - No Additional Sampling Needed
Comments	High gradient and very brushy (would be very difficult to shock)

Site Code	21
Tracking Code	2006.23
Ranger District	Yankee Fork
Watershed	Main Salmon
Stream	Duffy Creek
Site Description	reach is 50m below fork
UTM Zone	11
UTM Easting	668619
UTM Northing	4910588
Date of Assessment	7/18/2006
Time	17:31
Observers	M.Jeffress, M.Tillotson, M.Foster
Length	50
Width 1	2.4
Width 2	2.6
Width 3	2.4
Width 4	2.8
Width 5	2.7
Width 6	1.9
Air Temperature	24.1

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

Water Temperature	11.7
Sampling Method	E-fish
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	<u>Bull</u>
Species 2	<u>Cutthroat</u>
Nongame Fish Present	<u>Sculpin</u>
Comments	Tailed frogs and tadpoles were also present

Pass #1

Bull Trout	Cutthroat Trout
132	188
121	164
74	102

Site Code

Site Code	22
Tracking Code	2006-24
Ranger District	Yankee Fork
Watershed	Main Salmon
Stream	East Basin Creek
UTM Zone	11
UTM Easting	672074
UTM Northing	4906519
Date of Assessment	7/19/2006
Time	15:34
Observers	M.Tillotson, M.Foster, M.Jeffress, T.Brewer
Length	100
Width 1	4.7
Width 2	4.55
Width 3	5
Width 4	4.7
Width 5	4.6
Width 6	4.4
Width 7	4.8
Width 8	5
Width 9	5.8
Width 10	5.05
Air Temperature	33.6
Water Temperature	15.3
Sampling Method	E-fish
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	<u>Rainbow</u>
Species 2	<u>Cutthroat</u>
Species 3	<u>CutthroatxRainbow Hybrid</u>
Comments	Elevation for sculpin is 1979m. Tailed frog and tailed frog tadpoles. Several missed fish due to shocker not working correctly.

Pass #1

Rainbow Trout	Cutthroat Trout	CtxRb Hybrid
94	221	148
94	139	

Site Code

Site Code	23
Tracking Code	2006-25
Ranger District	Yankee Fork
Watershed	East Fork Salmon
Stream	East Fork Herd Creek
Site Description	50 meters above bend
UTM Zone	11
UTM Easting	723166
UTM Northing	4881009
Date of Assessment	8/7/2006
Time	17:54
Observers	M.Jeffress, M.Foster
Length	50
Width 1	1.6
Width 2	1.7

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

Width 3	1.6
Width 4	1.7
Width 5	1.6
Width 6	2.1
Air Temperature	26.4
Water Temperature	14.2
Sampling Method	E-fish
Number of Shockers	1
Number of Netters	1
Number of Passes	1
Species 1	<u>Rainbow</u>
Nongame Fish Present	<u>Sculpin</u>

Pass #1

Rainbow Trout
209
204
179

Site Code	24
Tracking Code	2006-26
Ranger District	Yankee Fork
Watershed	East Fork Salmon
Stream	East Pass Creek
Site Description	≈1/2 mile above confluence of Herd Creek & East Pass Creek
UTM Zone	11
UTM Easting	720546
UTM Northing	4883590
Date of Assessment	8/7/2006
Time	14:39
Observers	E.Tillotson, M.Tillotson, T.Brewer
Length	100
Width 1	4.2
Width 2	4.8
Width 3	6
Width 4	5.7
Width 5	3.6
Width 6	4.5
Width 7	3.2
Width 8	4.2
Width 9	3.2
Width 10	3.3
Air Temperature	25.3
Water Temperature	12.3
Sampling Method	E-fish
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	<u>Rainbow</u>
Species 2	<u>Bull</u>
Nongame Fish Present	<u>Sculpin</u>
Comments	Unidentified Salmonid 63mm possibly a bull trout

Pass #1

Rainbow Trout	Bull Trout
242	63
97	

Site Code	25
Tracking Code	2006-27
Ranger District	Yankee Fork
Watershed	East Fork Salmon River
Stream	East Pass Creek
Site Description	100 meter reach is located directly below trib on left bank
UTM Zone	11
UTM Easting	718198
UTM Northing	4880799
Date of Assessment	8/8/2006
Time	12:52
Observers	M.Jeffress, M.Foster

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

Length	100
Width 1	3.9
Width 2	3.7
Width 3	4.4
Width 4	4.2
Width 5	5.9
Width 6	4.1
Width 7	3.9
Width 8	3.7
Width 9	3.6
Width 10	3.9
Air Temperature	31.6
Water Temperature	11.9
pH	NA
Conductivity	NA
Sampling Method	E-Fish
Number of Shockers	1
Number of Netters	1
Number of Passes	1
Species 1	<u>Rainbow</u>
Species 2	<u>Bull</u>
Nongame Fish Present	<u>Sculpin</u>
Comments	Middle canyon sites were too far out of the way.

Pass #1

Bull Trout	Rainbow Trout
331	244
257	178

Site Code

Site Code	26
Tracking Code	2006-28
Ranger District	Yankee Fork
Watershed	E.F. Salmon
Stream	East Pass Creek
Site Description	Site begins at location of old sheep bridge.
UTM Zone	11
UTM Easting	713532
UTM Northing	4877816
Date of Assessment	10/24/2006
Time	14:00
Observers	J.Pyron, M.Foster
Length	73
Width 1	4.9
Width 2	3.7
Width 3	4.4
Width 4	2.7
Width 5	3.3
Width 6	3.5
Air Temperature	8.8
Water Temperature	2.9
Sampling Method	E-Fish
Number of Shockers	1
Number of Netters	1
Number of Passes	1
Species 1	<u>Bull</u>
Comments	2 fish missed.

Pass #1

Bull Trout
207
66

Site Code

Site Code	27
Tracking Code	2006-29
Ranger District	Yankee Fork
Watershed	EF Salmon
Stream	East Pass Creek
Site Description	Approximately 1/2 mile above falls
UTM Zone	11
UTM Easting	711063

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

UTM Northing	4873465
Date of Assessment	10/24/2006
Time	16:45
Observers	J.Pyron, M.Foster
Length	57.2
Width 1	4.6
Width 2	2.9
Width 3	3
Width 4	2.7
Width 5	3.6
Width 6	4.5
Width 7	5.4
Width 8	4
Air Temperature	6.6
Water Temperature	3.7
Sampling Method	E-Fish
Number of Shockers	1
Number of Netters	1
Number of Passes	1
Comments	Approximately 200 ft. falls approximately a 1/2 mile from site.

Site Code	28
Tracking Code	2006-30
Ranger District	Yankee Fork
Watershed	Yankee Fork
Stream	Eightmile Creek
UTM Zone	11
UTM Easting	688964
UTM Northing	4922648
Date of Assessment	6/29/2006
Observers	M.Jeffress, T.Brewer, M.Haroldsen, E.Tillotson
Length	200
Width 1	8.3
Width 2	11.1
Width 3	10.1
Width 4	11.6
Width 5	7.2
Width 6	6.3
Width 7	9.7
Width 8	4.8
Width 9	4.15
Width 10	7.2
Air Temperature	26.2
Water Temperature	11.7
Sampling Method	E-fish
Number of Shockers	1
Number of Netters	3
Number of Passes	1
Species 1	<u>Bull</u>
Species 2	<u>Cutthroat</u>
Comments	Missed 2 fish -didn't see many

Pass #1	
Bull Trout	Cutthroat Trout
263	140
162	
136	

Site Code	29
Tracking Code	2006-31
Ranger District	Yankee Fork
Watershed	Yankee Fork
Stream	Eightmile Creek
UTM Zone	11
UTM Easting	687971
UTM Northing	4923916
Date of Assessment	6/29/2006
Time	08:07
Observers	M.Hallowell, M.Tillotson, E.Tillotson, M.Jeffress
Length	100

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

Width 1	9.6
Width 2	5.7
Width 3	7.8
Width 4	3.3
Width 5	7.6
Width 6	6.9
Width 7	6.2
Width 8	4.6
Width 9	5.7
Width 10	5.1
Air Temperature	10.6
Water Temperature	6.7
Sampling Method	E-Fish
Number of Shockers	1
Number of Netters	3
Number of Passes	1
Species 1	<u>Bull</u>
Species 2	<u>Cutthroat</u>
Nongame Fish Present	<u>Sculpin</u>

Pass #1	
Bull Trout	Cutthroat Trout
120	174
119	147
100	113
	86

Site Code	30
Tracking Code	2006-32
Ranger District	Yankee Fork
Watershed	Yankee Fork
Stream	Estes Creek
Site Description	1/2 mile from confluence
UTM Zone	11
UTM Easting	684131
UTM Northing	4925498
Date of Assessment	6/29/2006
Observers	M.Jeffress, M.Hallowell, M.Tillotson, E.Tillotson
Length	100
Width 1	2.5
Width 2	2.5
Width 3	2.3
Width 4	2.6
Width 5	2.8
Width 6	2.3
Width 7	2.6
Width 8	2.7
Width 9	2.15
Width 10	2.7
Air Temperature	18.6
Water Temperature	7.4
Sampling Method	E-fish
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	<u>Cutthroat</u>
Comments	Tailed frogs and tailed frogs present

Pass #1	
Cutthroat Trout	
172	
126	
126	
124	
117	
109	
100	
96	
96	
91	

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

90
90
88
86
85
84
84
81
80
79
77
74
74
72
65
65
32

Site Code	31
Tracking Code	2006-33
Ranger District	Yankee Fork
Watershed	Yankee Fork
Stream	Eightmile Creek
Site Description	Top end of transect is approx. 20m below trib to north
UTM Zone	11
UTM Easting	686050
UTM Northing	4925908
Date of Assessment	6/28/2006
Observers	M.Jeffress, M.Hallowell, M.Tillotson, B.Gamett, E.Tillotson
Length	100
Width 1	4.7
Width 2	4.5
Width 3	4.4
Width 4	5.45
Width 5	5.2
Width 6	4.55
Width 7	3.9
Width 8	3.8
Width 9	3.3
Width 10	6
Air Temperature	12.9
Water Temperature	8.1
Sampling Method	E-fish
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	<u>Cutthroat</u>
Comments	Tadpoles observed.

Pass #1
Cutthroat Trout
267
254
149
135
126
122
101
97
94
92
91
89
87
80
80
79
68
63
37

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

36

Site Code	32
Tracking Code	2006-34
Ranger District	Yankee Fork
Watershed	Yankee Fork
Stream	Unnamed Tributary to Estes Creek
Site Description	1/2 mile up from confluence
UTM Zone	11
UTM Easting	683777
UTM Northing	4925681
Date of Assessment	6/29/2006
Observers	M.Jeffress, M.Hallowell, M.Tillotson, E.Tillotson
Length	100
Width 1	2.7
Width 2	2.1
Width 3	2.4
Width 4	2
Width 5	2.8
Width 6	3.7
Width 7	2.25
Width 8	3.7
Air Temperature	16.6
Water Temperature	7.9
Sampling Method	E-fish
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	<u>Cutthroat</u>
Comments	Presence of tadpoles, excellent fish habitat

Pass #1

- Cutthroat Trout
- 182
- 174
- 169
- 163
- 159
- 149
- 145
- 140
- 134
- 133
- 125
- 121
- 119
- 118
- 117
- 111
- 110
- 109
- 109
- 109
- 104
- 102
- 101
- 101
- 94
- 94
- 87
- 81
- 74
- 72
- 67
- 62
- 46
- 44

Site Code	33
Tracking Code	2006-35

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

Ranger District	Yankee Fork
Watershed	Yankee Fork
Stream	Elevenmile
Site Description	Site began approximately 1/2 mile up the canyon
UTM Zone	11
UTM Easting	692993
UTM Northing	4926017
Date of Assessment	6/28/2006
Time	13:14
Observers	E.Tillotson, M.Tillotson, M.Hallowell, J.Bartel
Length	100
Width 1	3.4
Width 2	4.5
Width 3	2.8
Width 4	1.7
Width 5	3.2
Width 6	3
Width 7	2.5
Width 8	2.7
Width 9	3
Width 10	2.4
Air Temperature	25.3
Water Temperature	9.2
Sampling Method	E-fish
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	<u>Bull</u>
Comments	Low conductivity: shocker setting G-4:1000

Pass #1

Bull Trout
155
134
130
127

Site Code	34
Tracking Code	2006-37
Ranger District	Yankee Fork
Watershed	Main Salmon
Stream	East Basin Creek
Site Description	0.6 miles from main road
UTM Zone	11
UTM Easting	671648
UTM Northing	4905591
Date of Assessment	7/19/2006
Time	16:35
Observers	M.Jeffress, M.Foster, M.Tillotson, T.Brewer
Length	100
Width 1	3.2
Width 2	4.4
Width 3	3.3
Width 4	2.7
Width 5	2.35
Width 6	2.9
Width 7	2.8
Width 8	2.9
Width 9	4
Width 10	2.7
Air Temperature	31.5
Water Temperature	16.4
Sampling Method	E-fish
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	<u>Rainbow</u>
Species 2	<u>Bull</u>
Nongame Fish Present	<u>Sculpin</u>
Comments	Tailed Frogs

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

Pass #1	
Bull Trout	Rainbow Trout
184	171
	91
Site Code	35
Tracking Code	2006-38
Ranger District	Yankee Fork
Watershed	Yankee Fork
Stream	Fivemile Creek
Site Description	50 meters below waterfall
UTM Zone	11
UTM Easting	687169
UTM Northing	4918811
Date of Assessment	7/6/2006
Observers	M.Jeffress, T.Brewer, M.Foster, E.Tillotson
Length	100
Width 1	5.8
Width 2	6.6
Width 3	1.6
Width 4	4.7
Width 5	2.4
Width 6	3.1
Width 7	2.9
Width 8	3.4
Width 9	3.1
Width 10	4.2
Air Temperature	18.3
Water Temperature	10.3
pH	8.36
Sampling Method	E-Fish
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	<u>Rainbow</u>
Species 2	<u>Bull</u>
Nongame Fish Present	<u>Sculpin</u>

Pass #1	
Bull Trout	Rainbow Trout
131	225
117	
Site Code	36
Tracking Code	2006-39
Ranger District	Yankee Fork
Watershed	Yankee Fork
Stream	4th of July Creek
Site Description	≈1/2 mile up from road
UTM Zone	11
UTM Easting	685998
UTM Northing	4917734
Date of Assessment	7/6/2006
Time	11:45
Observers	M.Foster, T.Brewer, J.Lambert, W.Teichert
Length	100
Width 1	1.3
Width 2	1.8
Width 3	2.3
Width 4	1.6
Width 5	2.2
Width 6	1.8
Width 7	1.2
Width 8	1.6
Width 9	2.5
Width 10	1.8
Air Temperature	17.2
Water Temperature	8.7
pH	8.65

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

Sampling Method	E-Fish
Number of Shockers	1
Number of Netters	1
Number of Passes	1
Species 4	Cutthroat
Comments	≈12 tadpoles & 2 frogs

Pass #1

Cutthroat Trout
166
117

Site Code

37

Tracking Code	2006-40
Ranger District	Yankee Fork
Watershed	Yankee Fork
Stream	Gardner Creek
UTM Zone	11
UTM Easting	689675
UTM Northing	4904297
Date of Assessment	6/21/2006
Time	13:16
Observers	M.Jeffress, M.Tillotson, M.Foster
Length	50
Width 1	1
Width 2	0.9
Width 3	1.3
Width 4	1.2
Width 5	0.9
Width 6	0.9
Air Temperature	21.3
Water Temperature	10.3
Sampling Method	E-Fish
Number of Shockers	1
Number of Netters	1
Number of Passes	1
Comments	No fish were present. The site above the diversion site 1/2 the flow.

Site Code

38

Tracking Code	2006-41
Ranger District	Yankee Fork
Watershed	Yankee Fork
Stream	Gardner Creek
Site Description	Started 85.5m below first cr. Crossing
UTM Zone	11
UTM Easting	689644
UTM Northing	4903129
Date of Assessment	6/21/2006
Time	14:20
Observers	M.Jeffress, M.Foster, M.Tillotson,
Length	85.8
Width 1	1.2
Width 2	1.3
Width 3	1.1
Width 4	1.6
Width 5	1.5
Width 6	1.1
Air Temperature	24.4
Water Temperature	9.8
pH	NA
Conductivity	NA
Sampling Method	E-Fish
Number of Shockers	1
Number of Netters	1
Number of Passes	1
Species 1	Cutthroat
Comments	Missed one fish (spot shocked) to thick to get everything.

Pass #1

Cutthroat Trout

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

140
113
81

Site Code	39
Tracking Code	2006-42
Ranger District	Yankee Fork
Watershed	Main Salmon
Stream	Gardner Creek
Site Description	started above rock diversion
UTM Zone	11
UTM Easting	689522
UTM Northing	4903592
Date of Assessment	6/21/2006
Time	11:45
Observers	M.Jeffress, M.Foster, M.Tillotson
Length	50
Width 1	1.2
Width 2	1
Width 3	2
Width 4	0.9
Width 5	0.6
Air Temperature	20.4
Water Temperature	8.4
Sampling Method	E-Fish
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Comments	No fish were present. Small water fall 3m above diversion. Spot shocked diversion outlet ≈50m.

Site Code	40
Tracking Code	2006-43
Ranger District	Yankee Fork
Watershed	Yankee Fork
Stream	Greylock Creek
Site Description	Beginning of reach is located between a rock slide (to the right) and rock pyramid (to the left)
UTM Zone	11
UTM Easting	686976
UTM Northing	4920393
Date of Assessment	7/10/2006
Time	16:45
Observers	M.Jeffress, M.Tillotson, M.Foster
Length	100
Width 1	1.5
Width 2	1.7
Width 3	4.3
Width 4	2.3
Width 5	3.7
Width 6	3.8
Width 7	3.4
Width 8	2.1
Width 9	3.4
Width 10	1.5
Air Temperature	31.4
Water Temperature	12.4
Sampling Method	E-fish
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	Cutthroat
Comments	Tailed frogs/tadpoles present. One fish barrier below reach (Picture23) at 0687270 E., 4920590 N.

Pass #1
Cutthroat Trout
196
176
159
154
151

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

150
145
140
138
137
136
135
133
126
125
119
110
107
105
104
85
77

Site Code	41
Tracking Code	2006-44
Ranger District	Yankee Fork
Watershed	Main Salmon
Stream	Happy Hollow
Site Description	End of Happy H. road by campfire ring and hollow tree.
UTM Zone	11
UTM Easting	707606
UTM Northing	4911954
Date of Assessment	7/25/2006
Time	15:39
Observers	M.Foster, E.Tillotson
Length	100
Width 1	2.4
Width 2	2.8
Width 3	2.1
Width 4	2.1
Width 5	2.9
Width 6	2
Air Temperature	26.6
Water Temperature	8.2
Sampling Method	E-fish
Number of Shockers	1
Number of Netters	1
Number of Passes	1
Comments	Spot shocked 100m very brushy no fish were collected but it looks like good habitat. Fish should be here; fish barrier cross main road (culvert)

Site Code	42
Tracking Code	2006-45
Ranger District	Yankee Fork
Watershed	Main Salmon
Stream	Lower Harden Creek
Site Description	0.6 miles upstream from Highway
UTM Zone	11
UTM Easting	677330
UTM Northing	4904540
Date of Assessment	7/20/2006
Time	12:06
Observers	M.Foster, M.Tillotson, M.Jeffress, T.Brewer
Length	50
Width 1	0.9
Width 2	2.1
Width 3	1.9
Width 4	1.2
Width 5	1.4
Width 6	1.9
Air Temperature	38.5
Water Temperature	11.7
Sampling Method	E-fish
Number of Shockers	1
Number of Netters	1

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

Number of Passes	1
Species 1	<u>Cutthroat</u>
Comments	Tailed frogs/tadpoles

Pass #1

Cutthroat Trout	
115	
113	
111	
104	
86	
60	
59	

Site Code	43
Tracking Code	2006-46
Ranger District	Yankee Fork
Watershed	Main Salmon
Stream	Upper Harden Creek
Site Description	1/2 mile up from highway
UTM Zone	11
UTM Easting	676401
UTM Northing	4903991
Date of Assessment	7/20/2006
Time	11:00
Observers	M.Jeffress, T.Brewer, M.Tillotson, M.Foster
Length	50
Width 1	2.1
Width 2	2.3
Width 3	1.6
Width 4	2.7
Width 5	2.2
Width 6	2.3
Air Temperature	27.9
Water Temperature	11.8
Sampling Method	E-fish
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	<u>Cutthroat</u>
Comments	Tailed frog/tadpoles present

Pass #1

Cutthroat Trout	
165	
134	
126	
118	
116	
114	
109	
97	
91	
72	
66	
56	

Site Code	44
Tracking Code	2006-47
Ranger District	Yankee Creek
Watershed	Main Salmon
Stream	Hay Creek
Site Description	0.2 miles up trail 032 along creek
UTM Zone	11
UTM Easting	669607
UTM Northing	4908753
Date of Assessment	7/18/2006
Time	19:12
Observers	M.Jeffress, M.Foster, T.Brewer, M.Tillotson
Length	50

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

Width 1	1.5
Width 2	1.5
Width 3	1.3
Width 4	2.2
Width 5	1.5
Width 6	1.3
Air Temperature	22.5
Water Temperature	10.6
Sampling Method	E-fish
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	<u>Cutthroat</u>
Comments	Tailed frogs present

Pass #1

Cutthroat Trout
116
97
95
93
89

Site Code	45
Tracking Code	2006-48
Ranger District	Yankee Fork
Watershed	East Fork Salmon
Stream	Herd Creek
Site Description	Site ≈1/2 mile above confluence of Herd and East Pass Creek
UTM Zone	11
UTM Easting	720978
UTM Northing	4883495
Date of Assessment	8/7/2006
Time	13:46
Observers	T.Brewer, E.Tillotson, M.Tillotson
Length	100
Width 1	3.1
Width 2	3
Width 3	4.4
Width 4	2.5
Width 5	3
Width 6	3.3
Width 7	2.9
Width 8	6.2
Width 9	6.5
Width 10	6.4
Air Temperature	35.1
Water Temperature	11.8
Sampling Method	E-fish
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	<u>Rainbow</u>
Species 2	<u>Whitefish</u>
Species 3	<u>Bull</u>
Nongame Fish Present	<u>Sculpin</u>

Pass #1

Bull Trout	Rainbow Trout	Whitefish
127	186	334
	182	321
	152	
	151	
	117	

Site Code	46
Tracking Code	2006-49
Ranger District	Yankee Fork
Watershed	East Fork Salmon
Stream	Herd Creek

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

Site Description	Lowest site (directly below Bull Gulch herd creek confluence)
UTM Zone	11
UTM Easting	720776
UTM Northing	4884984
Date of Assessment	8/7/2006
Time	16:12
Observers	M.Tillotson, E.Tillotson, T.Brewer
Length	100
Width 1	7.1
Width 2	6.4
Width 3	5.7
Width 4	8.1
Width 5	7.9
Width 6	5.2
Width 7	5.8
Width 8	5.3
Width 9	5.5
Width 10	6.3
Air Temperature	25.6
Water Temperature	13.6
Sampling Method	E-fish
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	<u>Rainbow</u>
Species 2	<u>Whitefish</u>
Species 3	<u>Chinook Salmon</u>
Nongame Fish Present	<u>Sculpin</u>
Comments	Crew also observed three adult Chinook salmon at this site which were all approximately 700 mm in length

Pass #1	
Rainbow Trout	Whitefish
200	335

Site Code	47
Tracking Code	2006-50
Ranger District	Yankee Fork
Watershed	East Fork Salmon
Stream	East Fork Herd Creek
Site Description	50 meter reach is located directly above spring on left side of stream
UTM Zone	11
UTM Easting	724748
UTM Northing	4878591
Date of Assessment	8/7/2006
Time	13:20
Observers	M.Jeffress, M.Foster
Length	50
Width 1	0.9
Width 2	1.6
Width 3	1.1
Width 4	1.7
Width 5	1.7
Width 6	1.3
Air Temperature	27.5
Water Temperature	12.8
Sampling Method	E-fish
Number of Shockers	1
Number of Netters	1
Number of Passes	1
Species 1	<u>Rainbow</u>
Species 2	<u>Bull</u>

Pass #1	
Bull Trout	Rainbow Trout
231	196
221	
194	
189	

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

172
155

Site Code	48
Tracking Code	2006-51
Ranger District	Yankee Fork
Watershed	East Fork Salmon River
Stream	West Fork of Herd Creek
Site Description	≈1/2 mile above confluence
UTM Zone	11
UTM Easting	721582
UTM Northing	4881722
Date of Assessment	8/8/2006
Time	12:05
Observers	T.Brewer, E.Tillotson, M.Tillotson
Length	50
Width 1	4.8
Width 2	2.3
Width 3	3.35
Width 4	2.8
Width 5	2.5
Width 6	3.9
Air Temperature	29.5
Water Temperature	8.9
Sampling Method	E-fish
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	<u>Rainbow</u>
Species 2	<u>Bull</u>
Nongame Fish Present	<u>Sculpin</u>

Pass #1	
Bull Trout	Rainbow Trout
242	228
225	209
	182
	177
	166

Site Code	49
Tracking Code	2006-52
Ranger District	Yankee Fork
Watershed	Yankee Fork
Stream	Jerry's Creek
Site Description	Approximately 1/2 mile above confluence with Yankee Fork
UTM Zone	11
UTM Easting	682321
UTM Northing	4911303
Date of Assessment	7/12/2006
Time	17:24
Observers	M.Haroldsen, M.Hallowell, T.Brewer
Length	75
Width 1	1.3
Width 2	1.7
Width 3	1
Width 4	0.5
Width 5	1.1
Width 6	0.9
Width 7	0.8
Width 8	0.7
Width 9	1
Width 10	0.4
Air Temperature	22.6
Water Temperature	10.3
Sampling Method	E-fish
Number of Shockers	1
Number of Netters	1
Number of Passes	1
Comments	No Fish. This stream is really messed up. The channel in areas is cut at least 7 feet down creating massive

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

erosion & massive fish barriers. The channel goes under ground about 1/4 mile above confluence with Yankee Fork.

Site Code 50
 Tracking Code 2006-V-53
 Ranger District Yankee Fork
 Watershed E.F. Salmon
 Stream Jimmy Smith Creek
 Site Description Follow the trail along the cr. bottom until you see an old piece of jack and pole fence
 UTM Zone 11
 UTM Easting 708394
 UTM Northing 4894456
 Date of Assessment 6/22/2006
 Time 08:50
 Observers M.Foster, T.Brewer
 Width 1 dry
 Width 2 0.7
 Width 3 1.7
 Air Temperature 10.6
 Water Temperature 7.3
 DETERMINATION: **Perennial Flow - No Suitable Fish Habitat - No Additional Sampling Needed**
 Comments The creek went from wet by the lake to dry, back to wet, back to dry. Lots of brush over creek.

Site Code 51
 Tracking Code 2006-V-54
 Ranger District Yankee Fork
 Watershed Main Salmon
 Stream Unnamed Tributary to Joes Gulch
 UTM Zone 11
 UTM Easting 666098
 UTM Northing 4901854
 Date of Assessment 7/20/2006
 Time 08:27
 Observers M. Jeffress, M.Foster, M.Tillotson, T.Brewer
 Length 50
 Width 1 0.4
 Width 2 0.7
 Width 3 0.8
 Width 4 0.4
 Width 5 0.8
 Width 6 0.9
 Air Temperature 13.8
 Water Temperature 9.6
 DETERMINATION: **Perennial Flow - No Suitable Fish Habitat - No Additional Sampling Needed**

Site Code 52
 Tracking Code 2006-55
 Ranger District Yankee Fork
 Watershed Main Salmon
 Stream Joes Gulch
 Site Description Lower reach on Joes Gulch 50m reach is 25m below and 25m above lower trib.
 UTM Zone 11
 UTM Easting 666787
 UTM Northing 4901631
 Date of Assessment 7/20/2006
 Time 09:28
 Observers M.Jeffress, T.Brewer, M.Foster, M.Tillotson
 Length 50
 Width 1 1
 Width 2 0.9
 Width 3 0.6
 Width 4 0.7
 Width 5 0.7
 Width 6 0.75
 Air Temperature 22.7
 Water Temperature 11.3
 Sampling Method E-fish
 Number of Shockers 1
 Number of Netters 2
 Number of Passes 1

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

Species 1 **Brook**
 Comments Several YOY missed 30+

Pass #1

Brook Trout

- 127
- 116
- 108
- 42
- 42
- 41
- 41
- 41
- 40
- 38
- 38
- 37
- 37
- 37
- 36
- 35
- 34
- 34
- 32

Site Code **53**
 Tracking Code 2006-V-56
 Ranger District Yankee Fork
 Watershed Main Salmon
 Stream Joes Gulch
 UTM Zone 11
 UTM Easting 666464
 UTM Northing 4902130
 Date of Assessment 7/20/2006
 Observers M.Jeffress, M.Foster, M.Tillotson, T.Brewer
 DETERMINATION: **No Perennial Flow - No Additional Work Needed**
 Comments Reminence of old diversion

Site Code **54**
 Tracking Code 2006-57
 Ranger District Yankee Fork
 Watershed Yankee Fork
 Stream Jordan Creek
 Site Description Reach is 100 m from bridge up
 UTM Zone 11
 UTM Easting 680835
 UTM Northing 4921247
 Date of Assessment 7/11/2006
 Time 09:04
 Observers M.Jeffress, M.Foster, M.Tillotson
 Length 100
 Width 1 2.6
 Width 2 4.5
 Width 3 4.7
 Width 4 4.5
 Width 5 4.6
 Width 6 5.1
 Width 7 4.9
 Width 8 3.8
 Width 9 3.5
 Width 10 3.7
 Air Temperature 11.1
 Water Temperature 9.1
 Sampling Method E-fish
 Number of Shockers 1
 Number of Netters 2
 Number of Passes 1
 Species 1 **Rainbow**
 Species 2 **Cutthroat**
 Nongame Fish Present **Sculpin**

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

Comments Picture of RbxCt #0026. Tadpoles present

Pass #1

Cutthroat Trout	Rainbow Trout
197	149
169	136
149	129
147	126
142	
140	
138	
133	
111	
102	

Site Code

Tracking Code	55
Ranger District	2006-58
Watershed	Yankee Fork
Stream	Yankee Fork
Site Description	Jordan Creek
UTM Zone	reach starts at confluence of trib. Coming into Jordan on left side
UTM Easting	11
UTM Northing	681292
Date of Assessment	4916874
Time	7/11/2006
Observers	10:18
Length	M.Jeffress, M.Tillotson, M.Foster
Width 1	100
Width 2	5.3
Width 3	4.8
Width 4	4.5
Width 5	4.8
Width 6	4.7
Width 7	4.2
Width 8	4
Width 9	5
Width 10	4.5
Air Temperature	4.2
Water Temperature	23
Sampling Method	11.8
Number of Shockers	E-fish
Number of Netters	1
Number of Passes	2
Species 1	1
Species 2	<u>Rainbow</u>
Species 3	<u>Whitefish</u>
Nongame Fish Present	<u>Cutthroat</u>
Comments	<u>Sculpin</u>
	Tailed frogs & tadpoles present

Pass #1

Cutthroat Trout	Rainbow Trout	Whitefish
210	162	343
104	154	327
	154	289
	154	270
	151	
	151	
	151	
	149	
	144	
	139	
	134	
	132	
	129	
	119	
	116	
	104	
	104	
	101	

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

99
99
98
98
94
92
86
86
85
83
81

Site Code	56
Tracking Code	2006-59
Ranger District	Yankee Fork
Watershed	Yankee Fork
Stream	Jordan Creek
Site Description	200 yards from 15 mile diamond D ranch Fork
UTM Zone	11
UTM Easting	679350
UTM Northing	4924741
Date of Assessment	7/11/2006
Time	07:37
Observers	M.Jeffress, M.Tillotson, M.Foster
Length	100
Width 1	3.2
Width 2	2.2
Width 3	2.5
Width 4	3
Width 5	3.6
Width 6	2.9
Width 7	3.2
Width 8	1.4
Width 9	3.3
Width 10	2.8
Air Temperature	7.7
Water Temperature	8.4
Sampling Method	E-fish
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	<u>Cutthroat</u>
Comments	Picture of cutty with no spots Pic # 0073 tailed frogs & tadpoles observed as well as adult tailed frogs

Pass #1

Cutthroat Trout
249
212
211
207
202
202
189
184
173
162
153
146
137
136
129
128
123
122
121
120
119
119
119
113

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

113
112
112
111
106
98
97
97
96
94
91
90
85
84
82
78
64
62
44
37

Site Code	57
Tracking Code	2006-60
Ranger District	Yankee Fork
Watershed	Main Salmon
Stream	Juliette Creek
Site Description	Approximately 75 meters below the confluence.
UTM Zone	11
UTM Easting	710343
UTM Northing	4918572
Date of Assessment	7/5/2006
Time	17:16
Observers	T.Brewer, M.Hallowell, M.Haroldsen, M.Tillotson, E, Tillotson
Length	100
Width 1	4.3
Width 2	2.8
Width 3	4.9
Width 4	3.7
Width 5	3.6
Width 6	3.5
Width 7	6.6
Width 8	3.4
Width 9	1.9
Width 10	2.8
Air Temperature	13.5
Water Temperature	9.3
Sampling Method	E-Fish
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	<u>Cutthroat</u>
Species 2	<u>Unidentified Salmonids</u>
Comments	(Unidentifiable Salmonids 42mm, 38mm, 45mm) Cloud cover made GPS coordinates unavailable. Tailed frogs and tadpoles.

Pass #1	
Cutthroat Trout	Unidentified Salmonids
200	45
181	42
148	38
114	
111	
109	
107	
106	
81	
79	

Site Code	58
Tracking Code	2006-61

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

Ranger District	Yankee Fork
Watershed	Main Salmon
Stream	Juliette Creek
Site Description	≈200 meters above confluence on right fork of Juliet.
UTM Zone	11
UTM Easting	710239
UTM Northing	4918318
Date of Assessment	7/5/2006
Time	18:00
Observers	T.Brewer, M.Hallowell, E.Tillotson, M.Tillotson, M.Haroldsen
Length	50
Width 1	3.4
Width 2	2.3
Width 3	2.1
Width 4	2.4
Width 5	3.6
Air Temperature	12.2
Water Temperature	10.2
Co	150
Sampling Method	E-Fish
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	<u>Cutthroat</u>
Comments	Tadpoles. Cloud cover made GPS coordinates unavailable. UTM generated on Arc Map based on site description.

Pass #1

Cutthroat Trout
141
133

Site Code

	59
Tracking Code	2006-62
Ranger District	Yankee Fork
Watershed	Main Salmon
Stream	Kelly Creek
Site Description	50m reach is located directly below trib.
UTM Zone	11
UTM Easting	667707
UTM Northing	4906168
Date of Assessment	7/19/2006
Time	11:05
Observers	M.Jeffress, M.Foster, M.Tillotson, T.Brewer
Length	50
Width 1	1.3
Width 2	2.3
Width 3	2
Width 4	1.6
Width 5	1.7
Width 6	1.6
Air Temperature	26.5
Water Temperature	11.3
Sampling Method	E-fish
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	<u>Rainbow</u>
Species 2	<u>Cutthroat</u>
Species 3	<u>CutthroatxRainbow Hybrid</u>
Nongame Fish Present	<u>Sculpin</u>
Comments	Columbia spotted frogs present.

Pass #1

Rainbow Trout	Cutthroat Trout	CtxRb Hybrid
115	116	179
89	74	
69		

Site Code

60

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

Tracking Code	2006-63
Ranger District	Yankee Fork
Watershed	Main Salmon
Stream	Kelly Creek
Site Description	Kelly Creek sawmill canyon junction from tributary up
UTM Zone	11
UTM Easting	666929
UTM Northing	4905591
Date of Assessment	7/19/2006
Time	10:00
Observers	M.Foster, M.Tillotson, M.Jeffress, T.Brewer
Length	50
Width 1	0.8
Width 2	0.8
Width 3	0.6
Width 4	0.4
Width 5	0.9
Width 6	0.6
Air Temperature	21.6
Water Temperature	10.9
Sampling Method	E-fish
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	<u>Cutthroat</u>
Nongame Fish Present	<u>Sculpin</u>
Comments	Columbia Spotted frogs, tailed frogs were present. Trib contribute more to downstream flow than Kelly Creek

Pass #1

Cutthroat Trout
 216
 167
 104

Site Code

61

Tracking Code	2006-64
Ranger District	Yankee Fork
Watershed	Main Salmon
Stream	Kinnikinic Creek
Site Description	Shocked 50m starting at fence & working up
UTM Zone	11
UTM Easting	707058
UTM Northing	4910507
Date of Assessment	7/26/2006
Time	13:30
Observers	M.Foster, E.Tillotson
Length	50-60
Width 1	4.2
Width 2	2.8
Width 3	2.1
Width 4	3.2
Width 5	4.9
Width 6	2.4
Air Temperature	28.3
Water Temperature	12.3
Sampling Method	E-fish
Number of Shockers	1
Number of Netters	1
Number of Passes	1
Species 1	<u>Cutthroat</u>

Pass #1

Cutthroat Trout
 200
 161
 140
 120
 111
 109

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

105
105
99
95
93
89
68
60

Site Code	62
Tracking Code	2006-65
Ranger District	Yankee Fork
Watershed	Main Salmon
Stream	Kinnikinic Creek
UTM Zone	11
UTM Easting	707029
UTM Northing	4912794
Date of Assessment	7/25/2006
Time	13:56
Observers	M.Foster, E.Tillotson
Length	50
Width 1	4.1
Width 2	2.2
Width 3	1.6
Width 4	2
Width 5	1.95
Width 6	1.75
Air Temperature	22.3
Water Temperature	9.3
Sampling Method	E-fish
Number of Shockers	1
Number of Netters	1
Number of Passes	1
Species 1	Cutthroat
Comments	Missed 100-200mm cutthroat (1)

Pass #1
Cutthroat Trout
161
82
64

Site Code	63
Tracking Code	2006-V-66
Ranger District	Yankee Fork
Watershed	Main Salmon
Stream	Transfer Creek
Site Description	200 yards past left fork/right fork confluence
UTM Zone	11
UTM Easting	706957
UTM Northing	4912865
Date of Assessment	7/25/2006
Time	14:01
Observers	M.Foster, E.Tillotson
Length	100
Width 1	1.8
Width 2	0.9
Width 3	1.2
Width 4	0.6
Width 5	1.1
Width 6	1.1
Air Temperature	22.3
Water Temperature	12.7
DETERMINATION	Perennial Flow - No Suitable Fish Habitat - No Additional Sampling Needed
Comments	Not much H2o, 0.1 was the deepest place, No fish were seen

Site Code	64
Tracking Code	2006-67
Ranger District	Yankee Fork
Watershed	Yankee Fork

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

Stream	Lightning Creek
Site Description	reach starts 10m above confluence at top fork
UTM Zone	11
UTM Easting	675877
UTM Northing	4921125
Date of Assessment	7/12/2006
Time	12:25
Observers	M.Jeffress, M.Foster, M.Tillotson
Length	50
Width 1	3.1
Width 2	4.5
Width 3	4.5
Width 4	5.2
Width 5	7
Width 6	5
Air Temperature	16.8
Water Temperature	9.9
Sampling Method	E-fish
Number of Shockers	1
Number of Netters	1
Number of Passes	1
Species 1	<u>Rainbow</u>
Species 2	<u>Bull</u>
Species 3	<u>Cutthroat</u>
Species 4	<u>Whitefish</u>
Nongame Fish Present	<u>Sculpin</u>
Comments	Tailed frogs present; Right fork is about 1/3 the flow

Pass #1

Rainbow Trout	Bull Trout	Cutthroat Trout	Whitefish
109	242	90	349
	137		
	103		
	64		

Site Code	65
Tracking Code	2006-68
Ranger District	Yankee Fork
Watershed	Yankee Fork
Stream	Lightning Creek
Site Description	100 m below trib
UTM Zone	11
UTM Easting	676311
UTM Northing	4919376
Date of Assessment	7/12/2006
Time	13:38
Observers	M.Jeffress, M.Tillotson, M.Foster
Length	100
Width 1	8.4
Width 2	6.3
Width 3	9.6
Width 4	7.6
Width 5	7
Width 6	6.2
Width 7	6
Width 8	9.2
Width 9	9.8
Width 10	8.3
Air Temperature	19
Water Temperature	10.3
Sampling Method	E-fish
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	<u>Rainbow</u>
Species 2	<u>Bull</u>
Species 3	<u>Whitefish</u>
Species 4	<u>Cutthroat</u>
Nongame Fish Present	<u>Sculpin</u>
Comments	Tailed frogs and tadpoles present. Missed large whitefish 300mm+. Tributary coming into Lightning Creek

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

had 15 foot waterfall 10 meters from the confluence.

Pass #1

Rainbow Trout	Bull Trout	Cutthroat Trout
136	180	186
127	171	135
109	117	107
	103	

Site Code

Tracking Code	66
Ranger District	2006-69
Watershed	Yankee Fork
Stream	Main Salmon
Site Description	Little Basin Creek
UTM Zone	1/2 mile up Salmon river trail where wood posts support trail
UTM Easting	11
UTM Northing	667156
Date of Assessment	4910966
Time	7/17/2006
Observers	15:04
Length	M.Jeffress, M.Tillotson, T.Brewer, M.Foster
Width 1	100
Width 2	3.8
Width 3	3.2
Width 4	4.05
Width 5	4.5
Width 6	4.95
Width 7	2.65
Width 8	2.65
Width 9	5.5
Width 10	3.8
Air Temperature	3.5
Water Temperature	31.5
Sampling Method	14.1
Number of Shockers	E-fish
Number of Netters	1
Number of Passes	2
Species 1	1
Species 2	<u>Rainbow</u>
Species 3	<u>Bull</u>
Nongame Fish Present	<u>Cutthroat</u>
Comments	<u>Sculpin</u>
	Good gravel bars for spawning, tailed frog and tadpoles present, large woody debris in channel. Trail to reach is good by foot and dirt bike.

Pass #1

Rainbow Trout	Bull Trout	Cutthroat Trout
65	165	190
50		129
		123
		113
		105
		96
		94
		79
		68

Site Code

Tracking Code	67
Ranger District	2006-70
Watershed	Yankee Fork
Stream	East Fork Salmon
Site Description	Long Tom Creek
UTM Zone	Long Tom above confluence w/Bowery approx. 250 m above.
UTM Easting	11
UTM Northing	706171
Date of Assessment	4877810
Time	8/11/2006
Observers	14:36
Length	M.Haroldsen, J.Vacirca
	≈75m pools over ≈200m

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

Width 1	3.3
Width 2	0.8
Width 3	2.4
Width 4	2.5
Width 5	2.8
Width 6	3.1
Air Temperature	23.7
Water Temperature	11.7
Sampling Method	E-fish
Number of Shockers	1
Number of Netters	1
Number of Passes	1
Species 1	Cutthroat
Comments	This is a nasty creek-it is a complex system- large falls some 41/2 -5 ft tall with pools below each. Most had fish-the stream over approx. 20ft will rise approx 10-13 feet-very steep high gradient. We would have called it no suitable habitat until we shocked it. Note 3 fish observed but not caught (2 at 130-170mm, 1 at 170+mm)

Pass #1

Cutthroat Trout
 160
 157
 150
 148
 147
 127
 123
 100
 95
 85
 70

Site Code	68
Tracking Code	2006-V-71
Ranger District	Yankee Fork
Watershed	Main Salmon
Stream	Marshall
Site Description	just north of Indian Riffle
UTM Zone	11
UTM Easting	684628
UTM Northing	4902703
Date of Assessment	6/21/2006
Time	17:40
Observers	T.Brewer, E.Tillotson
Length	100
Width 1	0.2
Width 2	0.3
Air Temperature	28
Water Temperature	9.1
DETERMINATION	Perennial Flow - No Suitable Fish Habitat - No Additional Sampling Needed
Comments	Not enough water to sustain fish life. Water sinks & then subs back up (Water sinks at 11T 0684669E, 4902801N. Subs up 35 meters away)

Site Code	69
Tracking Code	2006-72
Ranger District	Yankee Fork
Watershed	Yankee Fork
Stream	McKay Creek
Site Description	North Fork of McKay Creek
UTM Zone	11
UTM Easting	697048
UTM Northing	4928401
Date of Assessment	6/27/2006
Time	16:30
Observers	M.Jeffress, M.Hallowell, T.Brewer
Length	100
Width 1	1.4
Width 2	1.5
Width 3	2.2
Width 4	2.5

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

Width 5	2.2
Width 6	1.7
Width 7	1.5
Width 8	1.7
Width 9	2.3
Width 10	1.2
Air Temperature	19.7
Water Temperature	7.8
Sampling Method	E-fish
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	<u>Bull</u>
Species 2	<u>Cutthroat</u>

Pass #1		
Bull Trout		Cutthroat Trout
121		212
121		
100		
93		

Site Code	70
Tracking Code	2006-73
Ranger District	Yankee Fork
Watershed	East Fork Salmon River
Stream	Middle Canyon
Site Description	Approximately 3 miles from confluence to East Pass
UTM Zone	11
UTM Easting	715500
UTM Northing	4875685
Date of Assessment	10/24/2006
Time	08:45
Observers	J.Pyron, M.Foster
Length	96
Width 1	1.5
Width 2	1.5
Width 3	1.2
Width 4	1.3
Width 5	4.4
Width 6	1.7
Width 7	2.1
Width 8	1.1
Width 9	2
Width 10	1.2
Air Temperature	4.9
Water Temperature	1.3
Sampling Method	E-Fish
Number of Shockers	1
Number of Netters	1
Number of Passes	1
Comments	No fish present. Good habitat.

Site Code	71
Tracking Code	2006-74
Ranger District	Yankee Fork
Watershed	Yankee Fork
Stream	Unnamed Tributary to Jordan Creek ("Montana Gulch")
Site Description	approx. 300m above confluence with south trib.
UTM Zone	11
UTM Easting	681652
UTM Northing	4922357
Date of Assessment	6/28/2006
Time	15:36
Observers	M.Jeffress, M.Haroldsen, T.Brewer
Length	50
Width 1	1.7
Width 2	1.9
Width 3	1.1
Width 4	0.7

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

Width 5	1.5
Width 6	1.3
Width 7	1.2
Width 8	1.4
Width 9	1.4
Width 10	1.3
Air Temperature	20
Water Temperature	7.8
Sampling Method	E-fish
Number of Shockers	1
Number of Netters	1
Number of Passes	1
Comments	Not suitable habitat-high gradient with high plunges. No Fish

Site Code	72
Tracking Code	2006-75
Ranger District	Yankee Fork
Watershed	Yankee Fork
Stream	McKay Creek
UTM Zone	11
UTM Easting	695794
UTM Northing	4928194
Date of Assessment	6/27/2006
Time	13:11
Observers	M.Jeffress, M.Hallowell, T.Brewer
Length	100
Width 1	2.6
Width 2	1.8
Width 3	2
Width 4	1.5
Width 5	1.7
Width 6	2.15
Width 7	2.7
Width 8	3.4
Width 9	3.3
Width 10	4.4
Air Temperature	26.8
Water Temperature	10.8
Sampling Method	E-fish
Number of Shockers	1
Number of Netters	2
Number of Passes	3
Species 1	Bull
Comments	3 tailed frogs ≈12 tadpoles. There were 3 channels in our 100 meter stretch

Pass #1	Pass #2	Pass #3
Bull Trout	Bull Trout	Bull Trout
137	146	162
121	123	112
117	115	97
116	113	76
101	109	72
93	107	66
91	106	62
90	104	62
83	96	61
71	94	61
71	93	61
69	89	56
69	81	
68	80	
67	79	
65	78	
64	67	
63	67	
62	66	
61	65	
60	65	
60	64	
58	60	

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

56	59 59 57 57 57
Site Code Tracking Code Ranger District Watershed Stream Site Description UTM Zone UTM Easting UTM Northing Date of Assessment Observers Length Width 1 Width 2 Width 3 Width 4 Width 5 Width 6 Width 7 Width 8 Width 9 Width 10 Air Temperature Water Temperature Sampling Method Number of Shockers Number of Netters Number of Passes Species 1 Comments	73 2006-76 Yankee Fork Yankee Fork Unnamed tributary to Jordan Creek ("Montana Gulch") approx. 1/4 mile above confluence with north trib. Immediately below fish barrier (water fall) 11 681883 4921840 6/28/2006 M.Haroldsen, M.Jeffress, T.Brewer 100 2.7 2.6 2.4 1.8 3.6 2.6 3.3 2.9 2.1 1.9 19.8 9.3 E-fish 1 2 1 <u>Cutthroat</u> Site was sampled for 100m below water falls. Shocked above and below falls. No fish above rock formation/falls. Tadpoles & tailed frogs seen above and below barrier. Notable amount of macro invertebrates in nets. Picture 2634 looking upstream from bottom of site; Picture 2635 water fall with Thad.
Pass #1	
Cutthroat Trout 152 133 129 129 124 123 114 106 87 86 77 69 66	
Site Code Tracking Code Ranger District Watershed Stream UTM Zone UTM Easting UTM Northing Date of Assessment Observers Length DETERMINATION: Comments	74 2006-V-77 Yankee Fork Main Salmon Unnamed Tributary to Salmon River 11 684184 4903023 6/21/2006 T.Brewer, E.Tillotson 50 No Perennial Flow - No Additional Work Needed Bottom/creek bed is sand

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

Site Code	75
Tracking Code	2006-78
Ranger District	Yankee Fork
Watershed	East Fork Salmon River
Stream	Narrow Canyon Creek
Site Description	approx 3/4 mile above confluence w/Bowrey
UTM Zone	11
UTM Easting	704214
UTM Northing	4877550
Date of Assessment	8/11/2006
Time	16:50
Observers	M.Haroldsen, J.Vacirca
Length	50m of clear pools over approx 150 meter in length -very brushy
Width 1	1
Width 2	0.8
Width 3	1.3
Width 4	0.8
Width 5	0.9
Width 6	1.4
Air Temperature	24.1
Water Temperature	11.7
Sampling Method	E-fish
Number of Shockers	1
Number of Netters	1
Number of Passes	1
Species 1	<u>Cutthroat</u>
Comments	This is a small creek-nice pools but not a lot of water-very hard to access because of overgrowth.

Pass #1
 Cutthroat Trout
 157
 157
 130
 124
 123

Site Code	76
Tracking Code	2006-79
Ranger District	Yankee Fork
Watershed	Yankee Fork
Stream	Ninemile Creek
Site Description	474 meters above confluence
UTM Zone	11
UTM Easting	691014
UTM Northing	4923787
Date of Assessment	6/28/2006
Observers	M.Jeffress, M.Hallowell, T.Brewer, M.Haroldsen, E.Tillotson, M.Tillotson
Width 1	1.85
Width 2	1.9
Width 3	2.85
Width 4	2.65
Width 5	2.75
Width 6	2.95
Width 7	2.1
Width 8	2.85
Air Temperature	19.2
Water Temperature	9.8
Sampling Method	E-fish
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	<u>Cutthroat</u>
Comments	Tadpoles present

Pass #1
 Cutthroat Trout
 149
 126
 123

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

119
118
110
106
96
61
59

Site Code	77
Tracking Code	2006-80
Ranger District	Yankee Fork
Watershed	Main Salmon
Stream	Noho Creek
Site Description	≈1/2 mile up from confluence
UTM Zone	11
UTM Easting	669415
UTM Northing	4905615
Date of Assessment	7/19/2006
Time	12:13
Observers	M.Jeffress, M.Foster, M.Tillotson, T.Brewer
Length	50
Width 1	1.75
Width 2	1.25
Width 3	0.7
Width 4	1
Width 5	0.7
Width 6	1.4
Air Temperature	25.9
Water Temperature	11.6
Sampling Method	E-fish
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	<u>Cutthroat</u>
Comments	Meandering stream with lots of woody debris.

Pass #1
Cutthroat Trout
130
115
101
97
90
87
78
78
75
74

Site Code	78
Tracking Code	2006-81
Ranger District	Yankee Fork
Watershed	Main Salmon
Stream	Peach Creek
Site Description	Shocked right at first diversion.
UTM Zone	11
UTM Easting	687771
UTM Northing	4903333
Date of Assessment	6/21/2006
Time	15:53
Observers	M.Jeffress, M.Foster, M.Tillotson
Length	100
Width 1	2.3
Width 2	3
Width 3	3.8
Width 4	2.3
Width 5	2.1
Width 6	3.2
Width 7	2.7

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

Width 8	3
Width 9	3.2
Width 10	4.9
Air Temperature	27.5
Water Temperature	12.6
Sampling Method	E-fish
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	<u>Cutthroat</u>

Pass #1

Cutthroat Trout

144
137
132
129
124
119
118
114
100
98
97
91
89
79
79
76
72
69
69
68
65
62
62
62
61
56
52
49
46

Site Code	79
Tracking Code	2006-82
Ranger District	Yankee Fork
Watershed	Main Salmon
Stream	Peach Creek
Site Description	Above third culvert next to big fallen pine on the left side of the road.
UTM Zone	11
UTM Easting	687859
UTM Northing	4908893
Date of Assessment	6/21/2006
Time	18:21
Observers	M.Jeffress, M.Foster, M.Tillotson
Length	50
Width 1	2.4
Width 2	1.9
Width 3	3.2
Width 4	1.3
Width 5	1.4
Width 6	1.4
Air Temperature	16.2
Water Temperature	8.9
Sampling Method	E-Fish
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	<u>Cutthroat</u>

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

Pass #1

Cutthroat Trout
103
86
79

Site Code

80
Tracking Code 2006-83
Ranger District Yankee Fork
Watershed Yankee Fork
Stream Polecamp Creek
Site Description 1/2 mile from road large rock outcropping on leftside of creek
UTM Zone 11
UTM Easting 682615
UTM Northing 4907356
Date of Assessment 7/11/2006
Time 16:47
Observers M.Jeffress, M.Tillotson, M.Foster
Length 25
Width 1 0.9
Width 2 1.3
Width 3 1.4
Width 4 1
Width 5 1.1
Width 6 1.3
Air Temperature 27.7
Water Temperature 10.7
Sampling Method E-fish
Number of Shockers 1
Number of Netters 1
Number of Passes 1
Comments Dozens of tailed frogs observed. No fish found, only shocked 25 meter stretch due to a very high gradient.

Site Code

81
Tracking Code 2006-84
Ranger District Yankee Fork
Watershed Yankee Fork
Stream Rankin Creek
Site Description 1/2 mile above confluence w/Yankee Fork
UTM Zone 11
UTM Easting 681227
UTM Northing 4909279
Date of Assessment 7/12/2006
Time 14:19
Observers M.Haroldsen, M.Hallowell, T.Brewer
Length 100
Air Temperature 17.2
Water Temperature 10.6
Sampling Method E-fish
Number of Shockers 1
Number of Netters 2
Number of Passes 1
Species 1 **Cutthroat**
Comments Tadpoles present. Riparian is extremely overgrown. One unidentifiable fish 49mm

Pass #1

Cutthroat Trout
191
138
90
79
78
77
75
74
73
70
68
68
66

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

66
66
65
55

Site Code	82
Tracking Code	2006-85
Ranger District	Yankee Fork
Watershed	Yankee Fork
Stream	Ramey Creek
Site Description	Sampling site immediately below the first active diversion
UTM Zone	11
UTM Easting	682261
UTM Northing	4910013
Date of Assessment	7/12/2006
Time	11:34
Observers	M.Haroldsen, M.Hallowell, T.Brewer
Length	50
Width 1	2.4
Width 2	2.4
Width 3	3.1
Width 4	3.2
Width 5	4
Width 6	5.5
Width 7	2.3
Width 8	7
Width 9	2.1
Width 10	2.7
Air Temperature	13.2
Water Temperature	9.6
Sampling Method	E-fish
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	<u>Rainbow</u>
Nongame Fish Present	<u>Sculpin</u>
Comments	Macro invertebrates, tadpoles & tailed frogs were present. Several fish evaded capture.

Pass #1

Rainbow Trout
222
220
167
151
123
114
106
97
90
90
87
84
82
80
77
74
74
64
54
44

Site Code	83
Tracking Code	2006-86
Ranger District	Yankee Fork
Watershed	Yankee Fork
Stream	Ramey Creek
Site Description	.9 miles above active diversion
UTM Zone	11
UTM Easting	683348
UTM Northing	4910683

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

Date of Assessment	7/12/2006
Time	13:34
Length	100
Width 1	3.1
Width 2	2.6
Width 3	3.1
Width 4	2.7
Width 5	2.9
Width 6	3.1
Width 7	3.4
Width 8	2.95
Width 9	3.8
Width 10	3
Air Temperature	17.5
Water Temperature	9.9
Sampling Method	E-fish
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	<u>Rainbow</u>
Species 2	<u>Bull</u>
Species 3	<u>Cutthroat</u>
Nongame Fish Present	<u>Sculpin</u>

Pass #1

Rainbow Trout	Bull Trout	Cutthroat Trout
251	234	210
244		
161		
147		
137		
130		
115		
87		
81		
76		
73		
62		
59		

Site Code	84
Tracking Code	2006-V-87
Ranger District	Yankee Fork
Watershed	E.F. Salmon
Stream	Sagebrush Creek
Site Description	1/4 mile up canyon
UTM Zone	11
UTM Easting	720631
UTM Northing	4884094
Date of Assessment	8/7/2006
Time	15:38
Observers	T.Brewer, M.Tillotson, E.Tillotson
Air Temperature	36.8
DETERMINATION:	No Perennial Flow - No Additional Work Needed
Comments	No water.

Site Code	85
Tracking Code	2006-88
Ranger District	Yankee Fork
Watershed	Yankee Fork
Stream	Sawmill Creek
Site Description	1/2 mile above confluence of west fork and sawmill
UTM Zone	11
UTM Easting	679763
UTM Northing	4913418
Date of Assessment	7/13/2006
Time	12:30
Observers	M.Foster, M.Hallowell, M.Haroldsen
Length	50
Width 1	1.7

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

Width 2	2.1
Width 3	1.8
Width 4	3.2
Width 5	4
Width 6	4.1
Air Temperature	23.5
Water Temperature	10.7
Sampling Method	E-fish
Number of Shockers	1
Number of Netters	1
Number of Passes	1
Species 1	Cutthroat
Comments	Tadpoles and tailed frogs observed

Pass #1

Cutthroat Trout
218
208
160
151
144
143
104
88

Site Code	86
Tracking Code	2006-90
Ranger District	Yankee Fork
Watershed	E.F. Salmon River
Stream	Sheep Creek
Site Description	site starts 30 meters below 2nd fence
UTM Zone	11
UTM Easting	704151
UTM Northing	4883109
Date of Assessment	8/17/2006
Time	13:57
Observers	M.Foster, M.Haroldsen
Length	50
Width 1	2.2
Width 2	1.6
Width 3	1.6
Width 4	1.4
Width 5	1.3
Width 6	1.5
Air Temperature	20.9
Water Temperature	9.2
Sampling Method	E-fish
Number of Shockers	1
Number of Netters	1
Number of Passes	1
Species 1	Rainbow
Species 2	CutthroatxRainbow Hybrid
Comments	This creek is a complex of large plunges with small pools

Pass #1

Rainbow Trout	CtxRb Hybrid
155	210

Site Code	87
Tracking Code	2006-91
Ranger District	Yankee Fork
Watershed	Main Salmon
Stream	Short Creek
Site Description	800 m from trail
UTM Zone	11
UTM Easting	670401
UTM Northing	4906914
Date of Assessment	7/19/2006
Time	13:48

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

Observers	M.Jeffress, M.Tillotson, M.Foster, T.Brewer
Length	50
Width 1	0.6
Width 2	1.2
Width 3	1.3
Width 4	1.2
Width 5	0.2
Width 6	0.6
Air Temperature	29.4
Sampling Method	E-fish
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	Cutthroat
Comments	tailed frogs and tadpoles present

Pass #1

Cutthroat Trout
 134
 127
 90

Site Code	88
Tracking Code	2006-92
Ranger District	Yankee Fork
Watershed	Yankee Fork
Stream	Silver Creek
Site Description	Silver Creek approximately 300 m above diversion
UTM Zone	11
UTM Easting	682803
UTM Northing	4909531
Date of Assessment	7/12/2006
Observers	M.Haroldsen, M.Hallowell, T.Brewer
Length	50
Width 1	1
Width 2	0.85
Width 3	0.95
Width 4	0.8
Width 5	0.5
Width 6	1.1
Width 7	0.9
Width 8	1.7
Width 9	0.3
Width 10	0.6
Air Temperature	13.8
Water Temperature	9.3
Sampling Method	E-fish
Number of Shockers	1
Number of Netters	1
Number of Passes	1
Comments	No fish. Major washouts have left this creek in bad shape especially where 4 wheelers/ATV's have crossed.

Site Code	89
Tracking Code	2006-93
Ranger District	Yankee Fork
Watershed	Yankee Fork
Stream	Silver Creek
Site Description	Top end of reach is approx. 10 m below confluence with old spring which is now diverted.
UTM Zone	11
UTM Easting	682589
UTM Northing	4909463
Date of Assessment	7/12/2006
Time	09:54
Observers	M.Haroldsen, M.Hallowell, T.Brewer
Length	50
Width 1	0.7
Width 2	0.6
Width 3	1.3
Width 4	0.8
Width 5	0.7

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

Width 6	1.2
Width 7	0.9
Width 8	1.2
Width 9	1.3
Width 10	1.8
Air Temperature	14.4
Water Temperature	6
Sampling Method	E-fish
Number of Shockers	1
Number of Netters	1
Number of Passes	1
Comments	No fish found in this creek, we shocked many nice pools w/no fish, also frogs (tailed) were present.

Site Code	90
Tracking Code	2006-94
Ranger District	Yankee Fork
Watershed	Yankee Fork
Stream	Sixmile Creek
Site Description	1/2 mile above confluence left side of stream has large rock slide at the beginning of reach
UTM Zone	11
UTM Easting	688428
UTM Northing	4919387
Date of Assessment	7/10/2006
Time	14:37
Observers	M.Jeffress, M.Tillotson, M.Foster
Length	100
Width 1	3.4
Width 2	2.7
Width 3	4.4
Width 4	3.9
Width 5	3.2
Width 6	3.1
Width 7	2.3
Width 8	2.7
Width 9	2.2
Width 10	3.4
Air Temperature	31.5
Water Temperature	12.5
Sampling Method	E-fish
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	<u>Cutthroat</u>
Comments	Tadpoles present. Picture # 100-0024 (funky fish)

Pass #1
 Cutthroat Trout
 203
 154
 154
 153
 145
 142
 132
 131
 129
 128
 111
 103
 84

Site Code	91
Tracking Code	2006-95
Ranger District	Yankee Fork
Watershed	Main Salmon
Stream	Slaughterhouse Gulch
Site Description	1/2 mile from road
UTM Zone	11
UTM Easting	685908
UTM Northing	4918370

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

Date of Assessment	7/6/2006
Time	13:09
Observers	M.Foster, T.Brewer, J.Lambert, W.Teichert
Length	100
Width 1	1.5
Width 2	1.9
Width 3	2.8
Width 4	2.4
Width 5	2.6
Width 6	1.8
Width 7	2.1
Width 8	1.9
Width 9	2.4
Width 10	2
Air Temperature	20
Water Temperature	9
PH	8.71
Sampling Method	E-fish
Number of Shockers	1
Number of Netters	1
Number of Passes	1
Species 1	Cutthroat
Species 2	Unidentified YOY
Comments	Seen 2 frogs and 1 tadpole. Lost 1 fish in a holey net ≈100-130mm.

Pass #1

Cutthroat Trout	Unidentified YOY
123	39
115	
110	
101	
100	
99	
95	
77	

Site Code	92
Tracking Code	2006-V-96
Ranger District	Yankee Fork
Watershed	Main Salmon
Stream	Unnamed Tributary to Spud Creek
Site Description	on main spud/a trib
UTM Zone	11
UTM Easting	711888
UTM Northing	4899959
Date of Assessment	6/29/2006
Time	16:23
Observers	M.Tillotson
Length	100
Width 1	1
Width 2	0.5
Width 3	0.5
Width 4	1
Air Temperature	23.9
Water Temperature	9.1
DETERMINATION	Perennial Flow - No Suitable Fish Habitat - No Additional Sampling Needed
Comments	Very low amounts of water, water sinks and occurs throughout the stream bed.

Site Code	93
Tracking Code	2006-V-97
Ranger District	Yankee Fork
Watershed	Main Salmon
Stream	Unnamed Tributary to Unnamed Tributary to Spud Creek
Site Description	Dry creek bed right off the right fork of spud creek
UTM Zone	11
UTM Easting	710494
UTM Northing	4900496
Date of Assessment	6/26/2006
Time	11:15
Observers	M.Foster, M.Tillotson

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

Length	50
Air Temperature	28.8
DETERMINATION:	No Perennial Flow - No Additional Work Needed
Comments	No water, not additional work needed.

Site Code	94
Tracking Code	2006-98
Ranger District	Yankee Fork
Watershed	Main Salmon
Stream	Spud Creek
Site Description	550 meters from the forest boundary
UTM Zone	11
UTM Easting	711968
UTM Northing	4899532
Date of Assessment	6/22/2006
Time	11:33
Observers	M.Jeffress, M.Tillotson, E.Tillotson
Length	50
Width 1	0.8
Width 2	1
Width 3	0.7
Width 4	0.9
Width 5	1.2
Width 6	1
Air Temperature	20.4
Water Temperature	8
Sampling Method	E-Fish
Number of Shockers	1
Number of Netters	1
Number of Passes	1
Comments	No fish present, low quality fish habitat due to low flow and lack of pools.

Site Code	95
Tracking Code	2006-99
Ranger District	Yankee Fork
Watershed	Main Salmon
Stream	Unnamed Tributary to Spud Creek
Site Description	started at rock slide
UTM Zone	11
UTM Easting	710991
UTM Northing	4900523
Date of Assessment	6/26/2006
Time	11:30
Observers	M.Foster, M.Tillotson
Length	100
Width 1	0.8
Width 2	1.4
Width 3	0.7
Width 4	1.9
Width 5	0.6
Width 6	0.9
Air Temperature	23.1
Water Temperature	8.5
Sampling Method	E-Fish
Number of Shockers	1
Number of Netters	1
Number of Passes	1
Comments	No fish detected. 100 m of spot shocking, brush was too thick to sample all of it

Site Code	96
Tracking Code	2006-100
Ranger District	Yankee Fork
Watershed	Yankee Fork
Stream	Unnamed Tributary to Mckay Creek
Site Description	head of big meadow
UTM Zone	11
UTM Easting	697535
UTM Northing	4927188
Date of Assessment	6/28/2006
Time	09:50

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

Observers	T.Brewer, E.Tillotson, M.Jeffress
Length	100
Width 1	1.3
Width 2	2.1
Width 3	1.6
Width 4	2.2
Width 5	1.9
Width 6	2.5
Width 7	2.3
Width 8	1.5
Width 9	2.55
Width 10	2.2
Air Temperature	21.8
Water Temperature	7.1
Sampling Method	E-fish
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	<u>Bull</u>
Species 2	<u>Cutthroat</u>
Comments	Pic. 2633 looking upstream. Tadpoles present several springs flow into creek

Pass #1	
Bull Trout	Cutthroat Trout
109	188
	144
	141
	131
	126
	124
	119
	111
	111
	104
	101
	87

Site Code	97
Tracking Code	2006-101
Ranger District	Yankee Fork
Watershed	Main Salmon
Stream	Muley Creek
Site Description	50 m above highway 75
UTM Zone	11
UTM Easting	683635
UTM Northing	4903240
Date of Assessment	6/22/2006
Time	08:00
Observers	M.Jeffress, M.Tillotson, E.Tillotson
Length	50
Width 1	1.1
Width 2	1
Width 3	1.3
Width 4	1.1
Width 5	0.9
Width 6	0.5
Air Temperature	6.7
Water Temperature	7
Sampling Method	E-Fish
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	<u>Cutthroat</u>
Comments	One of the fish came from a pool directly below the road crossing/culvert

Pass #1
Cutthroat Trout
169
123
114

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

112
112
109
94
94
91

Site Code	98
Tracking Code	2006-102
Ranger District	Yankee Fork
Watershed	Main Salmon
Stream	Sunday Creek
Site Description	reach is 100m below forks
UTM Zone	11
UTM Easting	664900
UTM Northing	4912550
Date of Assessment	7/17/2006
Time	17:06
Observers	M.Jeffress, T.Brewer, M.Foster, M.Tillotson
Length	100
Width 1	2.8
Width 2	5.2
Width 3	4
Width 4	3.9
Width 5	2.1
Width 6	2.4
Width 7	3.8
Width 8	5.9
Width 9	1.7
Width 10	2.6
Air Temperature	27.5
Water Temperature	10.9
Sampling Method	E-fish
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	Bull
Comments	Tailed frogs & tadpoles present. Lots of woody debris in creek

Pass #1
Bull Trout
256
148
131
117
114
112
110
109
108
106
97
94
89
71
64
62
60
52
37
34

Site Code	99
Tracking Code	2006-103
Ranger District	Yankee Fork
Watershed	Main Salmon
Stream	Summit Creek
Site Description	355 meters above confluence w/Valley Creek
UTM Zone	11
UTM Easting	661110

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

UTM Northing	4917507
Date of Assessment	8/16/2006
Time	09:33
Observers	M.Jeffress, T.Brewer
Length	50
Width 1	2.2
Width 2	1.7
Width 3	2.05
Width 4	1.9
Width 5	3.7
Width 6	3.5
Air Temperature	13.2
Water Temperature	7.1
Sampling Method	E-fish
Number of Shockers	1
Number of Netters	1
Number of Passes	1
Species 1	<u>Cutthroat</u>
Species 2	<u>CutthroatxRainbow Hybrid</u>

Pass #1

Cutthroat Trout	CtxRb Hybrid
172	136
164	112
152	76
142	
137	
130	
125	
84	
75	
74	

Site Code

Site Code	100
Tracking Code	2006-104
Ranger District	Yankee Fork
Watershed	Yankee Fork
Stream	Swift Gulch
Site Description	1/2 mile above confluence
UTM Zone	11
UTM Easting	684243
UTM Northing	4918583
Date of Assessment	7/6/2006
Time	15:23
Observers	M.Jeffress, M.Tillotson, E.Tillotson, T.Brewer
Length	100
Width 1	3.7
Width 2	2.1
Width 3	3.7
Width 4	1.55
Width 5	1.3
Width 6	4
Width 7	1.65
Width 8	2.05
Air Temperature	20.3
Water Temperature	8.7
Sampling Method	E-Fish
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Comments	Several small waterfalls, tadpoles & tailed frogs present

Site Code

Site Code	101
Tracking Code	2006-105
Ranger District	Yankee Fork
Watershed	East Fork Salmon
Stream	Taylor Creek
Site Description	Spring on left side of stream (Top end of reach)
UTM Zone	11
UTM Easting	717636

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

UTM Northing	4881838
Date of Assessment	8/8/2006
Time	15:02
Observers	M.Jeffress, M.Foster
Length	50
Width 1	0.9
Width 2	1.3
Width 3	1.2
Width 4	1.5
Width 5	1.1
Width 6	1.6
Air Temperature	32.6
Water Temperature	13.7
Sampling Method	E-fish
Number of Shockers	1
Number of Netters	1
Number of Passes	1
Species 1	Bull
Comments	Very brushy stream.

Pass #1

Bull Trout
189
154
146
141

Site Code

102	
Tracking Code	2006-106
Ranger District	Yankee Fork
Watershed	Yankee Fork
Stream	Twelvemile Creek
Site Description	fallen tree/logs on left bank out cropping of rock to the right
UTM Zone	11
UTM Easting	693496
UTM Northing	4927836
Date of Assessment	6/28/2006
Time	14:00
Observers	M.Hallowell, J.Bartel, E.Tillotson, M.Tillotson
Length	50
Width 1	5.3
Width 2	3.7
Width 3	3.1
Width 4	2.8
Width 5	2.1
Width 6	3
Air Temperature	25.8
Water Temperature	9.9
Sampling Method	E-fish
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Comments	No fish detected. Low conductivity in creek G4 1000 settings used on shocker.

Site Code

103	
Tracking Code	2006-107
Ranger District	Yankee Fork
Watershed	Yankee Fork
Stream	Twelvemile Creek
UTM Zone	11
UTM Easting	693567
UTM Northing	4927820
Date of Assessment	6/28/2006
Observers	J.Bartel, M.Hallowell, M.Tillotson, E.Tillotson
Length	50
Width 1	2.6
Width 2	2.5
Width 3	2
Width 4	2.45
Width 5	2.55

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

Air Temperature	25.6
Water Temperature	10.2
Sampling Method	E-fish
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Comments	No fish detected. Shocker running at G4-1000 unclear how effective shocker is.

Site Code	104
Tracking Code	2006-108
Ranger District	Yankee Fork
Watershed	East Fork Salmon
Stream	Unnamed Tributary to East Fork Herd
Site Description	1/2 mile above confluence
UTM Zone	11
UTM Easting	724705
UTM Northing	4879661
Date of Assessment	8/7/2006
Time	16:39
Observers	M.Jeffress, M.Foster
Length	50
Width 1	1.25
Width 2	1
Width 3	1
Width 4	0.8
Width 5	1.5
Width 6	0.9
Air Temperature	23.1
Water Temperature	11.9
Sampling Method	E-fish
Number of Shockers	1
Number of Netters	1
Number of Passes	1
Comments	No fish present; probably due to gradient breaks

Site Code	105
Tracking Code	2006-V-112
Ranger District	Yankee Fork
Watershed	E.F. Salmon
Stream	Hell Canyon
Site Description	≈1/4 mile above confluence
UTM Zone	11
UTM Easting	723384
UTM Northing	4880939
Date of Assessment	8/7/2006
Time	17:29
Observers	M.Jeffress, M.Foster
Length	50
Air Temperature	27.5
DETERMINATION:	No Perennial Flow - No Additional Work Needed

Site Code	106
Tracking Code	2006-V-113
Stream	Unnamed Tributary to Salmon River
Site Description	Just down river of Slate Creek
UTM Zone	11
UTM Easting	694709
UTM Northing	4903114
Date of Assessment	6/21/2006
Time	14:19
Observers	T.Brewer, E.Tillotson
Length	40
DETERMINATION:	No Perennial Flow - No Additional Work Needed
Comments	More of a marsh, no definite stream channel

Site Code	107
Tracking Code	2006-V-115
Ranger District	Yankee Fork
Watershed	Main Salmon
Stream	Copper Creek

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

Site Description	1/2 mile above highway, across from Casino Creek (North side of highway)
UTM Zone	11
UTM Easting	670343
UTM Northing	4902375
Date of Assessment	7/20/2006
Time	10:22
Observers	M.Jeffress, T.Brewer
Length	50
Width 1	0.9
Width 2	0.6
Width 3	0.6
Width 4	0.5
Width 5	0.4
Width 6	0.6
Air Temperature	24
Water Temperature	12.1
DETERMINATION	Perennial Flow - No Suitable Fish Habitat - No Additional Sampling Needed

Site Code	108
Tracking Code	2006-V-116
Ranger District	Yankee Fork
Watershed	Main Salmon
Stream	Elkhorn Creek
Site Description	1/2 mile up from confluence of Main Salmon
UTM Zone	11
UTM Easting	668937
UTM Northing	4901779
Date of Assessment	7/20/2006
Time	10:05
Observers	M.Foster, M.Tillotson
Length	100
Width 1	0.4
Width 2	0.9
Width 3	0.5
Width 4	1.2
Width 5	0.8
Width 6	0.3
Air Temperature	18.5
Water Temperature	10.6
DETERMINATION	Perennial Flow - No Suitable Fish Habitat - No Additional Sampling Needed
Comments	No fish were observed

Site Code	109
Tracking Code	2006-V-118
Ranger District	Yankee Fork
Watershed	Main Salmon
Stream	Unnamed Tributary to Joes Gulch
Site Description	bend in creek bed
UTM Zone	11
UTM Easting	666651
UTM Northing	4901572
Date of Assessment	7/20/2006
Time	09:03
Observers	M.Jeffress, M.Foster, M.Tillotson, T.Brewer
Air Temperature	18.4
DETERMINATION	No Perennial Flow - No Additional Work Needed
Comments	dry

Site Code	110
Tracking Code	2006-119
Ranger District	Yankee Fork
Watershed	Main Salmon
Stream	Unnamed Tributary to Juliette Creek
Site Description	≈200 meters above confluence on left fork.
UTM Zone	11
UTM Easting	710427
UTM Northing	4918326
Date of Assessment	7/5/2006
Time	17:37
Observers	T.Brewer, M.Hallowell, E.Tillotson, M.Tillotson, M.Haroldsen

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

Length	50
Width 1	2
Width 2	2.15
Width 3	1.8
Width 4	2
Width 5	2
Width 6	2.1
Air Temperature	12.5
Water Temperature	7.5
Sampling Method	E-Fish
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	Cutthroat
Comments	Tailed Frogs. Cloud cover made GPS coordinates unavailable.

Pass #1

Cutthroat Trout
106
98
91

Site Code	111
Tracking Code	2006-120
Ranger District	Yankee Fork
Watershed	Yankee Fork
Stream	Unnamed Tributary to Eightmile Creek
Site Description	Approximately 500m above Eightmile Creek
UTM Zone	11
UTM Easting	686432
UTM Northing	4926011
Date of Assessment	6/29/2006
Time	13:32
Observers	T.Brewer, M.Haroldsen, J.Bartel
Length	50
Width 1	3.85
Width 2	3.2
Width 3	1.9
Width 4	3.8
Width 5	2.1
Width 6	1.2
Air Temperature	13.1
Water Temperature	7.5
Sampling Method	E-fish
Number of Shockers	1
Number of Netters	1
Number of Passes	1
Comments	153 meters below where creek splits. No Fish

Site Code	112
Tracking Code	2006-121
Ranger District	Yankee Fork
Watershed	East Fork Salmon
Stream	West Fork Herd Creek
Site Description	1/2 mile below confluence
UTM Zone	11
UTM Easting	721165
UTM Northing	4880099
Date of Assessment	8/8/2006
Time	10:35
Observers	M.Tillotson, E.Tillotson, T.Brewer
Length	50
Width 1	2.6
Width 2	2.95
Width 3	3.1
Width 4	3.6
Width 5	2.9
Width 6	2.7
Air Temperature	24.5
Water Temperature	8.3

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

Sampling Method E-fish
 Number of Shockers 1
 Number of Netters 2
 Number of Passes 1
 Species 1 **Rainbow**
 Nongame Fish Present **Sculpin**

Pass #1
 Rainbow Trout
 77

Site Code 113
 Tracking Code 2006-122
 Ranger District Yankee Fork
 Watershed Main Salmon
 Stream Prospect Creek
 Site Description Reach is 100 meters below tributary on right side of stream
 UTM Zone 11
 UTM Easting 660684
 UTM Northing 4915895
 Date of Assessment 8/16/2006
 Time 12:21
 Observers M.Jeffress, T.Brewer
 Length 100
 Width 1 2.6
 Width 2 1.8
 Width 3 2.3
 Width 4 0.6
 Width 5 2
 Width 6 1.6
 Width 7 1.9
 Width 8 0.8
 Width 9 1.2
 Width 10 1.5
 Air Temperature 17.4
 Water Temperature 9.7
 Sampling Method E-fish
 Number of Shockers 1
 Number of Netters 1
 Number of Passes 1
 Species 1 **Brook**
 Species 2 **Bull**
 Species 3 **Cutthroat**
 Species 4 **Brookxbull**
 Species 5 **CutthroatxRainbow Hybrid**
 Species 6 **Unidentified YOY**
 Comments Tailed frog tadpoles/adult tailed frogs present (YOY 41)

Pass #1	Brook Trout	Bull Trout	Cutthroat Trout	BkxBl Hybrids	CtxRb Hybrid	Unidentified YOY
	184	97	211	116	204	41
	156	94		73	91	
	137	94				
	84	88				
	71					
	63					

Site Code 114
 Tracking Code 2006-123
 Ranger District Yankee Fork
 Watershed Upper Salmon
 Stream East Fork Valley Creek
 Site Description Approx 0.7 miles below where trail splits
 UTM Zone 11
 UTM Easting 659606
 UTM Northing 4911937
 Date of Assessment 8/16/2006

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

Time 09:00
 Observers M.Foster, J.Pyron
 Length 50
 Width 1 2.4
 Width 2 2.3
 Width 3 2.2
 Width 4 2.7
 Width 5 2.8
 Air Temperature 7.6
 Water Temperature 5.5
 Sampling Method E-fish
 Number of Shockers 1
 Number of Netters 1
 Number of Passes 1
 Species 1 **Bull**

Pass #1

Bull Trout
 208
 196
 142

Site Code 115
 Tracking Code 2006-124
 Ranger District Yankee Fork
 Watershed Upper Salmon
 Stream East Fork Valley Creek
 Site Description Approximately 1.2 km above Valley Creek
 UTM Zone 11
 UTM Easting 656553
 UTM Northing 4912647
 Date of Assessment 8/16/2006
 Time 10:00
 Observers M.Foster, J.Pyron
 Length 50
 Width 1 2.8
 Width 2 4
 Width 3 3.4
 Width 4 5.9
 Width 5 2.5
 Air Temperature 12.3
 Water Temperature 6.6
 Sampling Method E-fish
 Number of Shockers 1
 Number of Netters 1
 Number of Passes 1
 Species 1 **Brook**
 Species 2 **Bull**
 Species 3 **CutthroatxRainbow Hybrid**
 Species 4 **BrookxBull Hybrid**
 Comments Lots of YOY

Pass #1

Brook Trout	Bull Trout	CtxRb Hybrid	BkxBl Hybrid
197	149	177	103
188	135		97
146	104		
133	98		
118	95		
107	78		
102			
101			

Site Code 116
 Tracking Code 2006-125
 Ranger District Yankee Fork
 Watershed Main Salmon
 Stream Valley Creek
 Site Description 620 meters from confluence w/summit creek
 UTM Zone 11

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

UTM Easting	661241
UTM Northing	4916921
Date of Assessment	8/16/2006
Time	10:55
Observers	M.Jeffress, T.Brewer
Length	50
Width 1	2.8
Width 2	1.95
Width 3	2.4
Width 4	1.9
Width 5	1.4
Width 6	1.75
Air Temperature	14.6
Water Temperature	7.3
Sampling Method	E-fish
Number of Shockers	1
Number of Netters	1
Number of Passes	1
Species 1	<u>Cutthroat</u>

Pass #1

Cutthroat Trout
 114
 111
 99
 95
 89
 67
 66
 64
 62
 62
 52

Site Code	117
Tracking Code	2006-126
Ranger District	Yankee Fork
Watershed	Main Salmon
Stream	Valley Creek
Site Description	Upper Valley Creek
UTM Zone	11
UTM Easting	658364
UTM Northing	4918050
Date of Assessment	8/15/2006
Time	15:40
Observers	J.Pyron, M.Jeffress, T.Brewer, M.Haroldsen
Length	100
Width 1	5.1
Width 2	4.2
Width 3	4.4
Width 4	3.8
Width 5	4.7
Width 6	6.2
Width 7	4.9
Width 8	4.2
Width 9	5.4
Width 10	5.1
Air Temperature	25
Water Temperature	12
Sampling Method	E-fish
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	<u>Brook</u>
Species 2	<u>CutthroatxRainbow Hybrid</u>
Nongame Fish Present	<u>Sculpin</u>
Comments	Tailed frog tadpoles observed

Pass #1

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

Brook Trout	CtxRb Hybrid
224	149
206	143
197	141
166	139
157	129
149	
132	
131	
111	
99	
97	

Site Code	118
Tracking Code	2006-127
Ranger District	Yankee Fork
Watershed	Upper Salmon
Stream	Valley Creek
Site Description	Site in valley creek adjacent to the trail 1.5 miles below the upper site on mainstem Valley Cr. The upper site was 0.6 miles below the Prospect Trail junction
UTM Zone	11
UTM Easting	657036
UTM Northing	4916060
Date of Assessment	8/15/2006
Time	17:15
Observers	M.Foster, T.Brewer, J.Pyron, M.Jeffress
Length	100
Width 1	6.6
Width 2	7.3
Width 3	5.3
Width 4	3.7
Width 5	2
Width 6	8.6
Width 7	8.2
Width 8	5.3
Width 9	5.4
Width 10	5.2
Air Temperature	27.6
Water Temperature	13.7
Sampling Method	E-fish
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	Brook
Nongame Fish Present	Sculpin
Comments	YOY observed

Pass #1
Brook Trout
211
211
184
184
182
174
166
164
163
162
148
147
144
129
125
121
121
119
116
113
112

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

108
107
107
104
103
85
83
77
64
62
58
58
57
56
56
55
54
54
54
51
49
42

Site Code	119
Tracking Code	2006-128
Ranger District	Yankee Fork
Watershed	Upper Salmon
Stream	Valley Creek
Site Description	1.5 mile from Valley Creek trailhead
UTM Zone	11
UTM Easting	655064
UTM Northing	4912330
Date of Assessment	8/15/2006
Time	18:42
Observers	M.Jeffress, J.Pyron, T.Brewer, M.Foster
Length	100
Width 1	7.6
Width 2	5.3
Width 3	4.3
Width 4	5.4
Width 5	7.1
Width 6	7.7
Width 7	6.5
Width 8	5.1
Width 9	5.7
Width 10	5.6
Air Temperature	20.3
Water Temperature	13.9
Sampling Method	E-fish
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	<u>Brook</u>
Species 2	<u>Chinook Salmon (See Comments)</u>
Nongame Fish Present	<u>Sculpin</u>
Comments	The Chinook salmon were collected at this site the next day (08-16-2006) during a sculpin voucher specimen collection. The Chinook salmon were juveniles.

Pass #1
Brook Trout
214
192
158
114
61

Site Code	120
Tracking Code	2006-129
Ranger District	Yankee Fork
Watershed	Yankee Fork

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

Stream	West Fork Yankee Fork
Site Description	End of 4-wheeler trail is the start of 100' reach (West Fork trail head)
UTM Zone	11
UTM Easting	679091
UTM Northing	4915302
Date of Assessment	7/11/2006
Time	13:35
Observers	M.Jeffress, M.Foster, M.Tillotson
Length	100
Width 1	17
Width 2	13.9
Width 3	11.5
Width 4	11.6
Width 5	11
Width 6	14
Width 7	14.8
Width 8	16.4
Width 9	10.9
Width 10	10.3
Air Temperature	31.4
Water Temperature	15.6
Sampling Method	E-fish
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	<u>Bull</u>
Species 2	<u>Whitefish</u>
Nongame Fish Present	<u>Sculpin</u>
Comments	Several fish were observed moving past the crew without being shocked. Several settings were used however none seemed to work. Columbia spotted frogs present (2)

Pass #1	
Bull Trout	Whitefish
314	184

Site Code	121
Tracking Code	2006-130
Ranger District	Yankee Fork
Watershed	Yankee Fork
Stream	West Fork Yankee Fork
Site Description	0.8 miles from the confluence of Cabin Creek and West Fork
UTM Zone	11
UTM Easting	672506
UTM Northing	4917603
Date of Assessment	7/12/2006
Time	18:42
Observers	M.Jeffress, M.Tillotson, M.Foster
Length	100
Width 1	7.1
Width 2	7.4
Width 3	8.6
Width 4	8.5
Width 5	9.1
Width 6	7.8
Width 7	7
Width 8	7.6
Width 9	10
Width 10	12.1
Air Temperature	19.2
Water Temperature	12
Sampling Method	E-fish
Number of Shockers	1
Number of Netters	1
Number of Passes	1
Species 1	<u>Bull</u>
Species 2	<u>Cutthroat</u>
Species 3	<u>Whitefish</u>
Nongame Fish Present	<u>Sculpin</u>
Comments	Tailed frogs and tadpoles present

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

Pass #1			
Bull Trout	71	Cutthroat Trout	154 129
		Whitefish	342 316
Site Code		122	
Tracking Code		2006-132	
Ranger District		Yankee Fork	
Watershed		Yankee Fork	
Stream		West Fork Yankee Fork	
Site Description		Same as shock site lower	
UTM Zone		11	
UTM Easting		679091	
UTM Northing		4915302	
Date of Assessment		9/8/2006	
Time		13:00	
Observers		J.Vacirca, M.Haroldsen, M.Foster	
Length		150	
Width 1		4.9	
Width 2		3.2	
Width 3		3.9	
Width 4		16	
Width 5		9.4	
Width 6		6.1	
Width 7		6.5	
Width 8		6.8	
Width 9		7.1	
Width 10		6.3	
Air Temperature		15.6	
Water Temperature		9.5	
Sampling Method		Snorkel	
Number of Snorkelers		2	
Species 1		Rainbow	
Species 2		Chinook Salmon	
Nongame Fish Present		Sculpin	
Comments		We observed dead adult Chinook 600-700 mm in the bottom of a scower pool.	

Length (mm)	Pass #1					
	Rainbow	Brook	Bull	Cutthroat	Whitefish	Chinook Salmon
0-100	1					13
101-200	9					
201-300						
301-400						
401-500						
501-600						

Site Code	123
Tracking Code	2006-133
Ranger District	Yankee Fork
Watershed	Yankee Fork
Stream	Yankee Fork
Site Description	Around bend at head of stream
UTM Zone	11
UTM Easting	696654
UTM Northing	4931072
Date of Assessment	6/27/2006
Time	15:04
Observers	J.Vacirca, M.Tillotson, E.Tillotson
Length	100
Width 1	3
Width 2	2.9
Width 3	3.1
Width 4	3.4
Width 5	3.7
Width 6	4.1
Air Temperature	20.2

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

Water Temperature	10.7
Sampling Method	E-Fish
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	<u>Bull</u>
Species 2	<u>Cutthroat</u>
Comments	Frogs present in stream. Refer to pictures on camera.

Pass #1		
	Bull Trout	Cutthroat Trout
	205	105
	186	
	150	
	139	
	137	
	135	
	130	
	128	
	84	

Site Code	124
Tracking Code	2006-134
Ranger District	Yankee Fork
Watershed	Yankee Fork
Stream	Yankee Fork
Site Description	1/2 mile above confluence.
UTM Zone	11
UTM Easting	695584
UTM Northing	4929620
Date of Assessment	6/27/2006
Time	18:17
Observers	J.Varcirca, M. Tillotson, E.Tillotson
Length	100
Width 1	4.6
Width 2	2.2
Width 3	4
Width 4	3.8
Width 5	3.3
Width 6	3.9
Air Temperature	22.2
Water Temperature	10
Sampling Method	E-fish
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	<u>Bull</u>
Species 2	<u>Cutthroat</u>
Comments	Frogs present shocker quit at last pool.

Pass #1		
	Bull Trout	Cutthroat Trout
	159	126
	113	
	101	
	92	
	80	
	43	
	42	
	41	
	39	
	35	
	34	
	34	

Site Code	125
Tracking Code	2006-135
Ranger District	Yankee Fork
Watershed	Yankee Fork
Stream	Yankee Fork

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

Site Description	Site begins 54 meters above bridge crossing on the main road below confluence
UTM Zone	11
UTM Easting	694144
UTM Northing	4928324
Date of Assessment	6/28/2006
Time	11:00
Observers	E.Tillotson, T.Brewer, M.Jeffress, M.Haroldsen, J.Bartel
Length	100
Width 1	8.55
Width 2	6
Width 3	6.1
Width 4	5.3
Width 5	6
Width 6	8.5
Width 7	6.8
Width 8	7.5
Width 9	5.9
Width 10	4.65
Air Temperature	25.7
Water Temperature	8.3
Sampling Method	E-fish
Number of Shockers	1
Number of Netters	4
Number of Passes	1
Species 1	Bull
Comments	Tadpoles present (unidentified)

Pass #1

Bull
224
156
126
118
97
96
92
86
38
31
29

Site Code	126
Tracking Code	2006-136
Ranger District	Yankee Fork
Watershed	Yankee Fork
Stream	Yankee Fork above Eightmile
Site Description	Site is 1/4 mile upstream of Eightmile Creek near dispersed campsite.
UTM Zone	11
UTM Easting	689815
UTM Northing	4921972
Date of Assessment	9/11/2006
Time	11:42
Observers	M.Tillotson, M.Haroldsen, J.Vacirca
Length	119
Width 1	6.2
Width 2	5.2
Width 3	5.1
Width 4	4.2
Width 5	9.8
Width 6	7.7
Width 7	5.3
Width 8	6.8
Width 9	4.9
Width 10	3.2
Air Temperature	24.5
Water Temperature	7.2
Sampling Method	E-Fish
Number of Shockers	1
Number of Netters	2
Number of Passes	1

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

Species 1 **Bull**
 Species 2 **CutthroatxRainbow Hybrid**
 Species 3 **Chinook**
 Nongame Fish Present **Sculpin**

Pass #1

Bull Trout	CtxRb Hybrid	Chinook Salmon
218	195	78
170		77
82		73
56		70
53		68
50		
42		

Site Code **127**
 Tracking Code 2006-137
 Ranger District Yankee Fork
 Watershed Yankee Fork
 Stream Yankee Fork
 Site Description at first bridge
 UTM Zone 11
 UTM Easting 681952
 UTM Northing 4906075
 Date of Assessment 9/11/2006
 Time 15:33
 Observers M.Haroldsen, J.Vacirca, M.Tillotson
 Length 150
 Width 1 7.9
 Width 2 6.8
 Width 3 8.1
 Width 4 9.7
 Width 5 9.5
 Width 6 10.2
 Width 7 8.2
 Width 8 8.5
 Width 9 11
 Width 10 9.7
 Air Temperature 23.5
 Water Temperature 13.1
 Sampling Method Snorkel
 Number of Snorkelers 1
 Species 1 **Rainbow**
 Species 2 **Cutthroat**
 Species 3 **Whitefish**
 Species 4 **Chinook**
 Nongame Fish Present **Sculpin**
 Comments Site is on the Yankee Fork River @ the first bridge.

Length (mm)	Rainbow	Brook	Bull	Cutthroat	Whitefish	Chinook
0-100						4
101-200	12				8	1
201-300	7			1	25	
301-400	13				19	
401-500					2	
501-600					6	

Site Code **128**
 Tracking Code 2006-138
 Ranger District Yankee Fork
 Watershed Yankee Fork
 Stream Yankee Fork
 Site Description Site starts 25 yards below Fivemile Cr. and goes 125 m downstream
 UTM Zone 11
 UTM Easting 686766
 UTM Northing 4919299
 Date of Assessment 9/8/2006

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

Time	10:54
Observers	J.Vacirca, M.Foster, M.Haroldsen
Length	125
Width 1	5.6
Width 2	4.5
Width 3	5.1
Width 4	6
Width 5	4.5
Width 6	8
Width 7	6.9
Width 8	7.7
Width 9	7.1
Width 10	6.8
Air Temperature	10.8
Water Temperature	8
Sampling Method	Snorkeling
Number of snorkelers	2
Nongame Fish Present	Sculpin
Comments	Deep pools were snorkeled, no salmonida observed. We thought that it was extremely odd that no fish were observed.

Site Code	129
Tracking Code	2006-139
Ranger District	Yankee Fork
Watershed	Yankee Fork
Stream	Yankee Fork
Site Description	Yankee Fork at Rankin Creek road
UTM Zone	11
UTM Easting	682027
UTM Northing	4909608
Date of Assessment	9/8/2006
Time	14:15
Observers	M.Haroldsen, J.Vacirca, M.Foster
Length	110
Width 1	15.2
Width 2	15.1
Width 3	16.2
Width 4	18.9
Width 5	21.2
Width 6	22.1
Width 7	22.5
Width 8	23
Width 9	26.8
Width 10	32.3
Air Temperature	15.2
Water Temperature	11.1
Sampling Method	Snorkeling
Number of snorkelers	2
Species 1	Rainbow
Species 2	Whitefish
Species 3	Chinook Salmon
Nongame Fish Present	Sculpin
Comments	Snorkled up East side of river floated down West side.

Length (mm)	Pass #1		
	Rainbow	Whitefish	Chinook Salmon
0-100			35
101-200	10		
201-300		1	
301-400		2	
401-500	1		
501-600			

Site Code	130
Tracking Code	2006-V-123
Ranger District	Yankee Fork

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

Watershed	Yankee Fork
Stream	Blind Creek
UTM Zone	11
UTM Easting	680913
UTM Northing	4905470
Date of Assessment	7/11/2006
Time	15:46
Observers	M.Jeffress, M.Foster, M.Tillotson
Width 1	1.2
Width 2	0.7
Width 3	1.2
Width 4	0.9
Width 5	0.6
Width 6	1.4
Air Temperature	28.1
Water Temperature	13.1
DETERMINATION	Perennial flow-No suitable fish habitat-No additional sampling needed (see comments)
Comments	No fish were observed, low flow & fairly steep drop to river. High gradient stream. Determination made in the office based off of the stream widths, depths, stream gradient and Bart Gamett's professional judgment.

Site Code 131-159

Aerial photograph sites (see Table 1)

Site Code	160
Tracking Code	2007-1
Ranger District	Yankee Fork
Watershed	Main Salmon
Stream	Upper Harden Creek
Site Description	Reach begins directly downhill from bend in the road.
UTM Zone	11
UTM Easting	676943
UTM Northing	4906345
Date Assessment	6/15/2007
Time	10:00
Observers	M.Jeffress, T.Brewer, C.Farmer
Length	50
Width 1	1.4
Width 2	2.05
Width 3	1.8
Width 4	2.8
Width 5	2.6
Air Temperature	14.1
Water Temperature	6.6
Sampling Method	E-fish
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	<u>Cutthroat</u>
Species 2	<u>CutthroatxRainbow Hybrid</u>
Comments	Shocker Settings G4-900

Pass #1

Cutthroat Trout	CtxRb
133	102
131	
109	
94	

Site Code	161
Tracking Code	2007-02
Ranger District	Yankee Fork
Watershed	Main Salmon
Stream	Unnamed Tributary to Upper Harden Creek
Site Description	Reach begins 0.1 miles from road crossing
UTM Zone	11
UTM Easting	675841
UTM Northing	4906934
Date Assessment	6/15/2007

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

Time	08:40
Observers	M.Jeffress, T.Brewer, C.Farmer
Length	50
Width 1	1.3
Width 2	1.35
Width 3	2
Width 4	0.9
Width 5	1.4
Air Temperature	7.7
Water Temperature	6.2
Sampling Method	E-Fish
Number of Shockers	1
Number of Netters	1
Number of Passes	1
Comments	No fish, Tailed Frog tadpoles present

Site Code	162
Tracking Code	2007-03
Ranger District	Yankee Fork
Watershed	Main Salmon
Stream	Lower Harden Creek
Site Description	Straight down from pull out after road leaves creek
UTM Zone	11
UTM Easting	677765
UTM Northing	4908240
Date Assessment	6/14/2007
Time	19:53

Observers	M.Jeffress, T.Brewer, C.Farmer
Length	50
Width 1	0.8
Width 2	0.9
Width 3	1.3
Width 4	1.2
Width 5	5.5
Air Temperature	13.6
Water Temperature	7.8
Sampling Method	E-Fish
Number of Shockers	1
Number of Netters	1
Number of Passes	1
Comments	No Fish. Pictures 101-0488 Bottom of reach looking up; 101-0489 Looking down at a pool from the top of reach.

Site Code	163
Tracking Code	2007-04
Ranger District	Yankee Fork
Watershed	Main Salmon
Stream	Upper Harden Creek
Site Description	Draw comes into beginning of reach from the right
UTM Zone	11
UTM Easting	677133
UTM Northing	4908308
Date Assessment	6/13/2007
Time	16:23

Observers	T.Brewer, M.Jeffress, M.Tillotson, C.Farmer
Length	50
Width 1	2
Width 2	1.65
Width 3	2.1
Width 4	1.8
Width 5	2.3
Air Temperature	17.7
Water Temperature	8
Sampling Method	E-Fish
Number of Shockers	1
Number of Netters	2
Number of Passes	1

Species 1	<u>CutthroatxRainbow Hybrid</u>
Comments	Tailed Frog adult & tadpoles present. Where road crosses stream above sample sight, culvert creates fish barrier. Drop from culvert to surface of water ≈1m, pool depth=0.4m. Possible Bull Trout captured

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

although too small to verify (bull 33mm).

Pass #1

CtxRb Hybrid
135
84

Site Code	164
Tracking Code	2007-05
Ranger District	Yankee Fork
Watershed	Main Salmon
Stream	American Creek
Site Description	50 meters below road crossing
UTM Zone	11
UTM Easting	678862
UTM Northing	4905406
Date Assessment	6/13/2007
Time	14:45
Observers	T.Brewer, E.Tillotson, C.Farmer
Length	50
Width 1	0.65
Width 2	1.15
Width 3	0.6
Width 4	0.7
Width 5	0.95
Air Temperature	31.3
Water Temperature	9.2
Sampling Method	E-fish
Number of Shockers	1
Number of Netters	1
Number of Passes	1
Comments	No fish detected. Frogs netted 10 tadpoles (Tailed frog tadpoles) Pictures: 101-481 Looking downstream; 101-0482 Looking upstream; 101-0479 Frog-belly up; 101-0480 Frog rightside up.

Site Code	165
Tracking Code	2007-V-06
Ranger District	Yankee Fork
Watershed	Main Salmon
Stream	Stovepipe Spring
Site Description	0.5 miles from confluence
UTM Zone	11
UTM Easting	683266
UTM Northing	4904046
Date Assessment	6/13/2007
Time	13:08
Observers	T.Brewer, C.Farmer, E.Tillotson
Length	50
Width 1	0.7
Width 2	0.65
Width 3	1
Width 4	0.65
Width 5	0.3
Air Temperature	27.2
Water Temperature	8.9
DETERMINATION	Perennial Flow - No Suitable Fish Habitat - No Additional Sampling Needed

Site Code	166
Tracking Code	2007-07
Ranger District	Yankee Fork
Watershed	Main Salmon
Stream	Peach Creek
Site Description	At the confluence of small tributary
UTM Zone	11
UTM Easting	687398
UTM Northing	4905837
Date Assessment	6/13/2007
Time	10:07
Observers	T.Brewer, C.Farmer, E.Tillotson
Length	50
Width 1	2.6

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

Width 2	3.35
Width 3	2.6
Width 4	1.6
Width 5	5.1
Air Temperature	12.6
Water Temperature	6.7
Sampling Method	E-Fish
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	Cutthroat
Species 2	CutthroatxRainbow Hybrid
Comments	A lot of hybrids

Pass #1	
Cutthroat Trout	CtxRb H:ybrid
168	105
80	128
	191
	93
	136
	109
	102

Site Code	167
Tracking Code	2007-08
Ranger District	Yankee Fork
Watershed	Yankee Fork
Stream	Little Basin Creek
Site Description	Reach begins where small tributary flows in from left.
UTM Zone	11
UTM Easting	664380
UTM Northing	4909140
Date Assessment	6/14/2007
Time	15:45
Observers	M.Jeffress, T.Brewer, C.Farmer
Length	100
Width 1	2.15
Width 2	2.9
Width 3	1.9
Width 4	2.5
Width 5	1.6
Width 6	1.4
Width 7	2.6
Width 8	2.45
Width 9	1.6
Width 10	1.5
Air Temperature	25.3
Water Temperature	15.1
Sampling Method	E-Fish
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	Bull
Species 2	Cutthroat
Nongame Fish Present	Sculpin
Comments	Tailed Frog tadpole present. Took sculpin sample.

Pass #1	
Bull Trout	Cutthroat Trout
169	203
79	179
	168
	161
	161
	155
	144
	142
	90
	90

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

85

Site Code	168
Tracking Code	2007-09
Ranger District	Yankee Fork
Watershed	Yankee Fork
Stream	Yankee Fork
Site Description	0.5 miles from confluence with Yankee Fork
UTM Zone	11
UTM Easting	695420
UTM Northing	4929520
Date Assessment	6/18/2007
Time	16:32
Observers	T.Brewer, C.Farmer, E.Tillotson
Length	50
Width 1	4
Width 2	3.45
Width 3	4.7
Width 4	6
Width 5	2.6
Air Temperature	18.7
Water Temperature	12.9
Sampling Method	E-Fish
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	<u>Bull</u>
Comments	Counted 7 tadpoles

Pass #1

Bull Trout
 157
 152
 146
 145
 126
 124
 118
 113
 105
 102
 102
 101
 100
 99
 99
 98
 97
 94
 92
 91
 90
 89
 86
 84
 83
 83
 79
 75
 74
 71
 42
 39
 39
 36
 31

Site Code	169
Tracking Code	2007-10
Ranger District	Yankee Fork

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

Watershed	Yankee Fork
Stream	Tenmile Creek
Site Description	0.5 miles from confluence on Yankee Fork
UTM Zone	11
UTM Easting	691786
UTM Northing	4926874
Date Assessment	6/18/2007
Time	14:32
Observers	T.Brewer, E.Tillotson, C.Farmer
Length	50
Width 1	2.25
Width 2	3.9
Width 3	3.9
Width 4	3.2
Width 5	3.25
Air Temperature	26.3
Water Temperature	12.2
Sampling Method	E-fish
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Comments	No fish present, could have fish barrier below.

Site Code	170
Tracking Code	2007-11
Ranger District	Yankee Fork
Watershed	Yankee Fork
Stream	Twelvemile Creek
Site Description	0.5 miles above confluence with Yankee Fork
UTM Zone	11
UTM Easting	692882
UTM Northing	4928190
Date Assessment	6/20/2007
Time	10:40
Observers	T.Brewer, E.Tillotson
Length	50
Width 1	1.9
Width 2	2.3
Width 3	2.5
Width 4	1.8
Width 5	1.7
Sampling Method	E-Fish
Number of Shockers	1
Number of Netters	1
Number of Passes	1
Comments	No Fish. Shocker not working properly only beeps when right next to the rat tail. Good habitat but no fish were observed.

Site Code	171
Tracking Code	2007-12
Ranger District	Yankee Fork
Watershed	E.F. Salmon
Stream	Fox Creek
Site Description	Reach begins where fence crosses stream
UTM Zone	11
UTM Easting	713456
UTM Northing	4886446
Date Assessment	6/29/2007
Time	13:02
Observers	T. Brewer, E. Tillotson
Length	100
Width 1	0.7
Width 2	0.7
Width 3	0.6
Width 4	0.4
Width 5	0.8
Width 6	1
Width 7	0.6
Width 8	0.7

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

Width 9	1.1
Width 10	0.8
Air Temperature	27.8
Water Temperature	9.4
Sampling Method	E-fish
Number of Shockers	1
Number of Netters	1
Number of Passes	1
Comments	Poor fish habitat, minimal flows and little to no pools, No fish.

Site Code	172
Tracking Code	2007-13
Ranger District	Yankee Fork
Watershed	E.F. Salmon
Stream	Pine Creek
UTM Zone	11
UTM Easting	710592
UTM Northing	4887713
Date Assessment	6/29/2007
Time	14:06
Observers	T. Brewer, E. Tillotson
Length	100
Width 1	3.5
Width 2	2.3
Width 3	2
Width 4	2.5
Width 5	2.6
Width 6	1.7
Width 7	2.1
Width 8	2.1
Width 9	1.6
Width 10	1.4
Air Temperature	30.4
Water Temperature	10.6
Sampling Method	E-fish
Number of Shockers	1
Number of Netters	1
Number of Passes	1
Species 1	<u>Cutthroat</u>
Species 2	<u>CutthroatxRainbow Hybrid</u>
Comments	Good fish habitat

Pass #1	
Cutthroat Trout	CtxRb Hybrid
171	117
104	104
75	

Site Code	173
Tracking Code	2007-14
Ranger District	Yankee Fork
Watershed	East Fork
Stream	Meridian Creek
Site Description	Next to landing site
UTM Zone	11
UTM Easting	718088
UTM Northing	4872477
Date Assessment	6/29/2007
Time	12:09
Observers	M.Jeffress, C.Farmer
Length	100
Width 1	2.3
Width 2	3.9
Width 3	3.2
Width 4	2.25
Width 5	2.45
Width 6	2.6
Width 7	2.4
Width 8	2.6
Width 9	3.65

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

Width 10	2.5
Air Temperature	25
Water Temperature	9.4
Sampling Method	E-Fish
Comments	No fish were observed. Spot shocked ≈50 meters above reach and did not find any fish.

Site Code	174
Tracking Code	2007-15
Ranger District	Yankee Fork
Watershed	East Fork Salmon River
Stream	McDonald Creek
Site Description	Reach is located just below the confluence
UTM Zone	11
UTM Easting	714993
UTM Northing	4885606
Date Assessment	6/29/2007
Time	12:04
Observers	M.Jeffress, C.Farmer
Length	100
Width 1	1.4
Width 2	1.1
Width 3	1
Width 4	0.9
Width 5	2.8
Width 6	1.4
Width 7	1.5
Width 8	1.55
Width 9	5.9
Width 10	1
Air Temperature	29.7
Water Temperature	11.5
Sampling Method	E-Fish
Number of Shockers	1
Number of Netters	1
Number of Passes	1
Species 1	<u>Cutthroat</u>

Pass #1
 Cutthroat Trout
 210
 181
 176
 163
 159
 158
 156
 147
 145
 142
 136
 134
 130
 129
 118
 114
 104
 101
 99
 89
 68
 66
 65
 63
 62
 57
 56
 54
 52

Site Code	175
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Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

Tracking Code	2007-16
Ranger District	Yankee Fork
Watershed	East Fork
Stream	Sheep Creek
Site Description	100 m reach starts at trail crossing
UTM Zone	11
UTM Easting	706716
UTM Northing	4883603
Date Assessment	6/29/2007
Time	15:04
Observers	M.Jeffress, C.Farmer
Length	100
Width 1	1.5
Width 2	1
Width 3	0.6
Width 4	1.3
Width 5	2
Width 6	1.2
Width 7	1.5
Width 8	0.95
Width 9	1.5
Width 10	1.4
Air Temperature	23
Water Temperature	10.5
Sampling Method	E-Fish
Comments	No fish. ≈30 cows were bedded down on confluence ≈30 meters above reach.

Site Code	176
Tracking Code	2007-17
Ranger District	Yankee Fork
Watershed	Yankee Fork
Stream	East Basin Creek
Site Description	Reach begins at confluence
UTM Zone	11
UTM Easting	674189
UTM Northing	4909625
Date Assessment	7/25/2007
Time	10:16
Observers	M.Jeffress, C.Farmer, J.Montoya
Length	100
Width 1	5.3
Width 2	4.1
Width 3	4
Width 4	3.4
Width 5	2.1
Width 6	4.1
Width 7	2.4
Width 8	2.5
Width 9	4.9
Width 10	2.5
Air Temperature	18
Water Temperature	9.5
Sampling Method	E-Fish
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	<u>Cutthroat</u>
Species 2	<u>CutthroatxRainbow Hybrid</u>
Comments	Tailed frogs, tailed frog tadpoles

Pass #1	
Cutthroat	CtxRb Hybrid
236	219
165	156
151	137
129	130
125	111
119	99
101	74

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

Site Code	177
Tracking Code	2007-18
Ranger District	Yankee Fork
Watershed	Yankee Fork
Stream	West Fork Yankee Fork
Site Description	below confluence of lake outlet
UTM Zone	11
UTM Easting	669174
UTM Northing	4916795
Date Assessment	7/25/2007
Time	12:40
Observers	T.Brewer, E.Tillotson
Length	70
Width 1	5.2
Width 2	6.45
Width 3	4
Width 4	4.3
Width 5	4.5
Width 6	4.7
Width 7	6.45
Sampling Method	E-Fish
Number of Shockers	1
Number of Netters	1
Number of Passes	1
Species 1	<u>Bull</u>
Species 2	<u>Cutthroat</u>
Species 3	<u>CutthroatxRainbow Hybrid</u>
Nongame Fish Present	<u>Sculpin</u>

Pass #1	Bull Trout	Cutthroat Trout	CtxRb Hybrid
	550	180	210
	160	120	130
	160		
	150		
	150		
	140		
	140		
	120		
	120		
	120		
	110		
	110		

Site Code	178
Tracking Code	2007-19
Ranger District	Yankee Fork
Watershed	Yankee Fork
Stream	East Basin Creek
Site Description	0.5 miles above last site
UTM Zone	11
UTM Easting	674837
UTM Northing	4909980
Date Assessment	7/25/2007
Time	11:30
Observers	M.Jeffress, C.Farmer, J.Montoya
Length	50
Width 1	2.15
Width 2	2.2
Width 3	1.9
Width 4	2.3
Width 5	3.4
Sampling Method	E-Fish
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	<u>Cutthroat</u>
Species 2	<u>CutthroatxRainbow Hybrid</u>
Comments	Tailed frog tadpoles

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

Pass #1

Cutthroat Trout	CtxRb Hybrid
181	207
180	155
167	133
132	114

Site Code

Tracking Code	179
Ranger District	2007-20
Watershed	Yankee Fork
Stream	Yankee Fork
Site Description	Yankee Fork
UTM Zone	Reach starts at power pole.
UTM Easting	11
UTM Northing	681468
Date Assessment	4915894
Time	7/24/2007
Observers	18:30
Length	M.Jeffress, C.Farmer, E.Tillotson, J.Montoya, T.Brewer
Width 1	50
Width 2	15.4
Width 3	13.1
Width 4	10.6
Width 5	11.3
Air Temperature	13.9
Water Temperature	19
Sampling Method	17
Number of Shockers	E-Fish
Number of Netters	2
Number of Passes	3
Species 1	1
Species 2	<u>Rainbow</u>
Species 3	<u>Bull</u>
Species 4	<u>Unidentified Salmonid</u>
Species 5	<u>Whitefish</u>
Nongame Fish Present	<u>Chinook Salmon</u>
	<u>Sculpin</u>

Pass #1

Rainbow Trout	Bull Trout	Unidentified Salmonid	Whitefish	Chinook Salmon
271	201	36	343	61
262	189		332	
52			311	
51			310	
44			306	
			299	
			295	
			293	
			277	
			276	
			276	
			272	
			271	
			271	
			267	
			266	
			260	
			236	
			231	

Site Code

Tracking Code	180
Ranger District	2007-21
Watershed	Yankee Fork
Stream	Yankee Fork
Site Description	Sevenmile Creek
UTM Zone	Reach is located below narrow point in rocks 0.5 miles from confluence with Yankee Fork.
UTM Easting	11
UTM Northing	690262
Date Assessment	4921442
	7/24/2007

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

Time	16:26
Observers	M.Jeffress, C.Farmer, J.Montoya
Length	50
Width 1	2.5
Width 2	2
Width 3	1.7
Width 4	1.3
Width 5	2
Air Temperature	24
Water Temperature	12
Sampling Method	E-Fish
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Comments	No Fish. Tailed frogs present. Water level becomes very low in between the Sevenmile drainage and the Yankee Fork

Site Code	181
Tracking Code	2007-22
Ranger District	Yankee Fork
Watershed	Main Salmon
Stream	Bayhorse Creek
Site Description	Site begins 20m above culvert
UTM Zone	11
UTM Easting	712164
UTM Northing	4919582
Date Assessment	7/26/2007
Time	13:48
Observers	M.Jeffress, T.Brewer, C.Farmer, E.Tillotson
Length	100
Width 1	4.6
Width 2	6
Width 3	4.9
Width 4	3.8
Width 5	4.4
Width 6	5.3
Width 7	6.7
Width 8	6.2
Width 9	6.1
Width 10	4.6
Air Temperature	16
Water Temperature	11.5
Sampling Method	E-Fish
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	<u>Cutthroat</u>
Species 2	<u>CutthroatxRainbow Hybrid</u>
Comments	Tailed frog adults and tadpoles present.

Pass #1	
Cutthroat Trout	CtxRb Hybrid
221	226
212	222
194	197
176	192
176	177
146	169
116	157
	149
	144
	134
	133
	129
	128
	123
	123
	111
	111
	108

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

101

Site Code	182
Tracking Code	2007-23
Ranger District	Yankee Fork
Watershed	Main Salmon
Stream	Bayhorse Creek
Site Description	Reach begins at pull out, next to mine tailings.
UTM Zone	11
UTM Easting	709945
UTM Northing	4920301
Date Assessment	7/26/2007
Time	13:30
Observers	M.Jeffress, T.Brewer, C.Farmer, E.Tillotson
Length	100
Width 1	1.2
Width 2	3.8
Width 3	2.6
Width 4	4
Width 5	2.7
Width 6	3.6
Width 7	3.65
Width 8	2.8
Width 9	3.6
Width 10	3.8
Air Temperature	12
Water Temperature	11.5
Sampling Method	E-Fish
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	<u>CutthroatRainbow Hybrid</u>
Comments	Tailed frog adults and tadpoles.

Pass #1

CtxRb Hybrid
 209
 189
 179
 177
 176
 176
 168
 165
 163
 163
 161
 161
 156
 152
 150
 149
 138
 137
 132
 128
 122
 119
 109
 107
 98

Site Code	183
Tracking Code	2007-24
Ranger District	Yankee Fork
Watershed	Main Salmon
Stream	Bayhorse Creek
Site Description	By the "save the vegetation" sign.
UTM Zone	11
UTM Easting	708551

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

UTM Northing	4919806
Date Assessment	7/26/2007
Time	12:00
Observers	M.Jeffress, E.Tillotson, T.Brewer, C.Farmer
Length	100
Width 1	3
Width 2	2.5
Width 3	3.5
Width 4	2.1
Width 5	2.4
Width 6	2
Width 7	2.4
Width 8	3.1
Width 9	1.9
Width 10	2.4
Air Temperature	13
Water Temperature	12
Sampling Method	E-Fish
Number of Shockers	1
Number of Netters	2
Number of Passes	1
Species 1	<u>Cutthroat</u>
Species 2	<u>CutthroatxRainbow Hybrid</u>
Comments	Tailed frogs and tadpoles.

Pass #1

Cutthroat Trout	CtxRb Hybrid
149	174
138	116
127	114
121	113
116	109
111	
100	
92	

Site Code 184-219

Aerial photograph sites (see Table 1)

Site Code 220-248

These sites were sampled by the Salmon Region of the Idaho Department of Fish and Game. The data have been summarized in this report while the actual data are available from that office.

Site Code 249

Tracking Code	2007-25
Ranger District	Yankee Fork
Watershed	Yankee Fork
Stream	McKay Creek
Site Description	Site starts 8 m. above top of culvert. Extends up 117 m.
UTM Zone	11
UTM Easting	695344
UTM Northing	4928556
Date Assessment	8/21/2007
Time	14:48
Observers	B.Gamett, J. Bartel, C. Farmer
Length	117
Width 1	3.5
Width 2	2.5
Width 3	2.5
Width 4	3.4
Width 5	2.9
Width 6	3.1
Width 7	3.3
Width 8	3.8
Width 9	4.4
Width 10	1.4
Air Temperature	18.1
Water Temperature	13.6
pH	8.44
Conductivity	40

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

Sampling Method	E-Fish
Number of Shockers	1
Number of Netters	2
Number of Passes	2
Species 1	<u>Bull</u>
Species 2	<u>Cutthroat</u>
Comments	Tailed frogs present.

Pass #1		Pass #2
Bull Trout	Cutthroat Trout	Bull Trout
238	139	191
222	122	138
164	106	125
153	98	58
151		56
149		56
142		53
136		
113		
112		
105		
104		
59		
56		
54		
51		

Site Code	250
Tracking Code	2007-26
Ranger District	Yankee Fork
Watershed	Yankee Fork
Stream	Thompson Creek
Site Description	Site is located adjacent to Thompson Creek Rd. 2.6 miles above Buckskin Creek and 9.1 miles above highway 93
UTM Zone	11
UTM Easting	692693
UTM Northing	4912717
Date Assessment	8/14/2007
Time	11:45
Observers	B. Gamett, C. Farmer, J. Bartel
Length	101
Width 1	2.3
Width 2	3.2
Width 3	3.8
Width 4	4.5
Width 5	2.2
Width 6	5.1
Width 7	3
Width 8	3.2
Width 9	3.3
Width 10	1.7
Air Temperature	20.2
Water Temperature	6.9
pH	8.38
Conductivity	60
Sampling Method	E-Fish
Number of Shockers	1
Number of Netters	2
Number of Passes	2
Species 1	<u>Bull</u>
Species 2	<u>Cutthroat</u>
Comments	Tailed Frogs Present

Pass #1		Pass #2
Bull Trout	Cutthroat Trout	Cutthroat Trout
56	205	159
54	152	139
53	145	137
49	143	122
47	143	119

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

142	108
142	104
138	90
136	89
134	85
130	84
126	83
125	83
124	83
121	80
120	80
119	80
115	79
111	79
110	79
104	77
96	76
95	76
91	76
91	76
90	75
90	75
90	75
89	72
89	72
88	68
87	65
87	65
85	61
85	59
84	
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Site Code	251
Tracking Code	2007-27
Ranger District	Yankee Fork
Watershed	E.F. Salmon
Stream	East Past Creek
Site Description	≈1/2 mile upstream of E. Pass/ W. Fk Herd Confluence at the first grouping of large cottonwood trees.
UTM Zone	11
UTM Easting	720533
UTM Northing	4883574

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

Date Assessment 8/22/2007
 Time 11:00
 Observers J. Bartel, C. Farmer, J. Vacirca
 Length 100
 Width 1 3
 Width 2 3.2
 Width 3 4.8
 Width 4 3.3
 Width 5 5.2
 Width 6 5.1
 Width 7 6.3
 Width 8 7.4
 Width 9 5.5
 Width 10 4.3
 Air Temperature 16.4
 Water Temperature 9.9
 pH 8.52
 Conductivity 150
 Sampling Method E-Fish
 Number of Shockers 1
 Number of Netters 2
 Number of Passes 2
 Species 1 Rainbow
 Species 2 Bull
 Species 3 CutthroatxRainbow Hybrid
 Nongame Fish Present Sculpin
 Comments G-Force= 600. Also captured a 123mm salmonid that was weird and could not be indentified Pic# 0734. Site begins at tailout of LGR, Extends upstream 100m. And ends at a pool.

Pass #1			Pass #2	
Rainbow Trout	Bull Trout		CtxRb Hybrid	Rainbow Trout
222	155		194	135
169	*123 (see comments)			134
122				
111				

Site Code 252-331

Aerial photograph sites (see Table 1)

Site Code 332
 Tracking Code 2006-141
 Ranger District Yankee Fork
 Watershed Yankee Fork
 Stream Fivemile Creek
 Site Description 100 meters above waterfall
 UTM Zone 11
 UTM Easting 687150
 UTM Northing 4918759
 Date Assessment 7/6/2006
 Observers M.Jeffress, T.Brewer, M.Foster, E.Tillotson
 Length 100
 Air Temperature 18.3
 Water Temperature 10.3
 pH 8.36
 Sampling Method E-Fish
 Number of Shockers 1
 Number of Netters 2
 Number of Passes 1
 Nongame Fish Present Sculpin
 Comments No fish present above waterfall

Site Code 333-334

These sites were sampled by the Salmon Region of the Idaho Department of Fish and Game. The data have been summarized in this report while the actual data are available from that office.

Site Code 335-336

These sites were sampled by the Department of Environmental Quality . The data have been summarized in this report while the actual data are

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

available from that office.

Site Code **351**

The site was sampled by the Shoshone Bannok Tribe. The data have been summarized in this report while the actual data are available from that office.

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

Table 1. Aerial photo review on the Yankee Fork Ranger District, Salmon-Challis National Forest. These sites were all classified as intermittent-ephemeral (IE).

Site Code	Tracking Code	Stream Name	Date Assessed	UTM Zone	Easting	Northing
131	2006-AP-1	Rattlesnake Creek	7/13/2006	11	711660	4914017
132	2006-AP-2	Lyon Creek	7/13/2006	11	711549	4913048
133	2006-AP-3	Unnamed Tributary to Happy Hollow	7/13/2006	11	708402	4912547
134	2006-AP-4	Happy Hollow	7/13/2006	11	709101	4912613
135	2006-AP-5	Unnamed Tributary to Kinnikinic Creek	7/13/2006	11	707770	4912744
136	2006-AP-6	Unnamed Tributary to Kinnikinic Creek	7/13/2006	11	708221	4914222
137	2006-AP-7	Transfer Creek	7/13/2006	11	707367	4915446
138	2006-AP-8	Unnamed Tributary to Marco Creek	6/26/2006	11	710217	4894875
139	2006-AP-9	Unnamed Tributary to Marco Creek	6/26/2006	11	710865	4894999
140	2006-AP-10	Unnamed Tributary to Marco Creek	6/26/2006	11	710719	4895090
141	2006-AP-11	Unnamed Tributary to Marco Creek	6/26/2006	11	711582	4895484
142	2006-AP-12	Marco Creek	6/26/2006	11	711322	4895879
143	2006-AP-13	Marco Creek	6/26/2006	11	711536	4894858
144	2006-AP-14	Unnamed Tributary to Marco Creek	6/26/2006	11	711536	4894858
145	2006-AP-15	Unnamed Tributary to Marco Creek	6/26/2006	11	712089	4894525
146	2006-AP-16	Unnamed Tributary to Marco Creek	6/26/2006	11	711666	4894666
147	2006-AP-17	Unnamed Tributary to Marco Creek	6/26/2006	11	712004	4894881
148	2006-AP-18	Unnamed Tributary to Marco Creek	6/26/2006	11	712613	4895461
149	2006-AP-19	Unnamed Tributary to Marco Creek	6/26/2006	11	710295	4896110
150	2006-AP-20	Marco Creek	6/26/2006	11	711497	4894452
151	2006-AP-21	Jimmy Smith Creek	6/26/2006	11	709314	4896945
152	2006-AP-22	Unnamed Tributary to Unnamed Tributary to Corral Creek	6/26/2006	11	708044	4897509
153	2006-AP-23	Unnamed Tributary to Unnamed Tributary to Corral Creek	6/26/2006	11	708811	4897537
154	2006-AP-24	Unnamed Tributary to Corral Creek	6/26/2006	11	708924	4897503
155	2006-AP-25	Unnamed Tributary to Spud Creek	6/26/2006	11	712944	4899326
156	2006-AP-26	Unnamed Tributary to Spud Creek	6/26/2006	11	713023	4898013
157	2006-AP-27	Unnamed Tributary to Unnamed Tributary to East Fork Salmon River	6/26/2006	11	714662	4898313
158	2006-AP-28	Unnamed Tributary to Unnamed Tributary to Unnamed Tributary to East Fork Salmon River	6/26/2006	11	714054	4897572
159	2006-AP-29	Unnamed Tributary to Unnamed Tributary to East Fork Salmon River	6/26/2006	11	713975	4897070
184	2007-AP-01	Unnamed Tributary to Salmon River	7/31/2007	11	695916	4903897
185	2007-AP-02	Unnamed Tributary to Salmon River	7/31/2007	11	695197	4903696
186	2007-AP-03	Oster Gulch	7/31/2007	11	697233	4904349
187	2007-AP-04	Unnamed Tributary to Salmon River	7/31/2007	11	694529	4903606
188	2007-AP-05	Unnamed Tributary to Unnamed Tributary to Salmon River	7/31/2007	11	694351	4903455
189	2007-AP-06	Unnamed Tributary to Salmon River	7/31/2007	11	693828	4903491
190	2007-AP-07	Unnamed Tributary to Badger Creek	7/31/2007	11	693166	4903350
191	2007-AP-08	Unnamed Tributary to Badger Creek	7/31/2007	11	692468	4904445
192	2007-AP-09	Unnamed Tributary to Burnt Creek	7/31/2007	11	691223	4903765
193	2007-AP-10	Unnamed Tributary to Burnt Creek	7/31/2007	11	691566	4904565
194	2007-AP-11	Unnamed Tributary to Salmon River	7/31/2007	11	688471	4903082
195	2007-AP-12	Bull Gulch	7/31/2007	11	721045	4884875
196	2007-AP-13	Unnamed Tributary to Bull Gulch	7/31/2007	11	722691	4884503
197	2007-AP-14	Bull Gulch	7/31/2007	11	722324	4883952

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

Table 1. (Continued) Aerial photo review on the Yankee Fork Ranger District, Salmon-Challis National Forest. These sites were all classified as intermittent-ephemeral (IE).

Site Code	Tracking Code	Stream Name	Date Assessed	UTM Zone	Easting	Northing
198	2007-AP-15	Pine Gulch	7/31/2007	11	722104	4885394
199	2007-AP-16	Unnamed Tributary to Lake Creek	7/31/2007	11	722518	4886715
200	2007-AP-17	Unnamed Tributary to Bull Gulch	7/31/2007	11	722418	4883417
201	2007-AP-18	Unnamed Tributary to Bull Gulch	7/31/2007	11	723252	4883533
202	2007-AP-19	Unnamed Tributary to Bull Gulch	7/31/2007	11	723294	4884151
203	2007-AP-20	Unnamed Tributary to East Fork Herd Creek	7/31/2007	11	722958	4881886
204	2007-AP-21	Unnamed Tributary to East Fork Herd Creek	7/31/2007	11	723236	4881677
205	2007-AP-22	Unnamed Tributary to West Fork Herd Creek	7/31/2007	11	721034	4881262
206	2007-AP-23	Unnamed Tributary to West Fork Herd Creek	7/31/2007	11	720573	4880602
207	2007-AP-24	Sagebrush Creek	7/31/2007	11	720143	4884025
208	2007-AP-25	Unnamed Tributary to Sagebrush Creek	7/31/2007	11	719257	4884995
209	2007-AP-26	Unnamed Tributary to Sagebrush Creek	7/31/2007	11	718418	4884938
210	2007-AP-27	Unnamed Tributary to Sagebrush Creek	7/31/2007	11	718098	4885305
211	2007-AP-28	Sagebrush Creek	7/31/2007	11	717605	4885179
212	2007-AP-29	Sagebrush Creek	7/31/2007	11	718124	4885016
213	2007-AP-30	Sagebrush Creek	7/31/2007	11	718292	4884880
214	2007-AP-31	Unnamed Tributary to Sagebrush Creek	7/31/2007	11	717794	4884922
215	2007-AP-32	Unnamed Tributary to Sagebrush Creek	7/31/2007	11	718890	4884413
216	2007-AP-33	Unnamed Tributary to Sagebrush Creek	7/31/2007	11	718701	4884377
217	2007-AP-34	Unnamed Tributary to Unnamed Tributary to Sagebrush Creek	7/31/2007	11	718780	4884146
218	2007-AP-35	Unnamed Tributary to Sagebrush Creek	7/31/2007	11	718428	4883842
219	2007-AP-36	Unnamed Tributary to Unnamed Tributary to Sagebrush Creek	7/31/2007	11	718344	4884104
252	2007-AP-37	Unnamed Tributary to Hell Canyon	8/13/2007	11	724328	4881745
253	2007-AP-38	Unnamed Tributary to East Fork Herd Creek	8/13/2007	11	723404	4880327
254	2007-AP-39	Unnamed Tributary to East Fork Herd Creek	8/13/2007	11	723696	4880188
255	2007-AP-40	Unnamed Tributary to East Fork Herd Creek	8/13/2007	11	724300	4880277
256	2007-AP-41	Unnamed Tributary to East Fork Herd Creek	8/13/2007	11	726884	4877826
257	2007-AP-42	Unnamed Tributary to East Fork Herd Creek	8/13/2007	11	724008	4879464
258	2007-AP-43	Unnamed Tributary to East Fork Herd Creek	8/13/2007	11	723925	4879242
259	2007-AP-44	Unnamed Tributary to West Fork Herd Creek	8/13/2007	11	720515	4879477
260	2007-AP-45	Unnamed Tributary to Unnamed Tributary to West Fork Herd Creek	8/13/2007	11	721969	4879311
261	2007-AP-46	Unnamed Tributary to West Fork Herd Creek	8/13/2007	11	721398	4880207
262	2007-AP-47	Unnamed Tributary to East Pass Creek	8/13/2007	11	719912	4883039
263	2007-AP-48	Unnamed Tributary to East Pass Creek	8/13/2007	11	720128	4883356
264	2007-AP-49	Unnamed Tributary to East Pass Creek	8/13/2007	11	719328	4882747
265	2007-AP-50	Unnamed Tributary to East Pass Creek	8/13/2007	11	720102	4882378
266	2007-AP-51	Unnamed Tributary to East Pass Creek	8/13/2007	11	720185	4881883
267	2007-AP-52	Unnamed Tributary to East Pass Creek	8/13/2007	11	719727	4881849
268	2007-AP-53	Unnamed Tributary to Taylor Creek	8/13/2007	11	718247	4882206
269	2007-AP-54	Unnamed Tributary to Taylor Creek	8/13/2007	11	717534	4882339
270	2007-AP-55	Unnamed Tributary to Sheep Creek	8/13/2007	11	717964	4886534
271	2007-AP-56	Sheep Creek	8/13/2007	11	717167	4886166
272	2007-AP-57	Unnamed Tributary to East Pass Creek	8/13/2007	11	717809	4880775
273	2007-AP-58	Unnamed Tributary to Sheep Creek	8/13/2007	11	716445	4886431
274	2007-AP-59	Unnamed Tributary to McDonald Creek	8/13/2007	11	715170	4886419

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

Table 1. (Continued) Aerial photo review on the Yankee Fork Ranger District, Salmon-Challis National Forest. These sites were all classified as intermittent-ephemeral (IE).

Site Code	Tracking Code	Stream Name	Date Assessed	UTM Zone	Easting	Northing
275	2007-AP-60	Unnamed Tributary to McDonald Creek	8/13/2007	11	715366	4885827
276	2007-AP-61	Unnamed Tributary to McDonald Creek	8/13/2007	11	715437	4885502
277	2007-AP-62	Unnamed Tributary to McDonald Creek	8/13/2007	11	714899	4884906
278	2007-AP-63	Unnamed Tributary to McDonald Creek	8/13/2007	11	715482	4884114
279	2007-AP-64	Unnamed Tributary to Unnamed Tributary to Taylor Creek	8/13/2007	11	715607	4883226
280	2007-AP-65	Sheep Creek	8/13/2007	11	716754	4885539
281	2007-AP-66	Unnamed Tributary to Taylor Creek	8/13/2007	11	716612	4882255
282	2007-AP-67	Unnamed Tributary to Unnamed Tributary to Taylor Creek	8/13/2007	11	716612	4882713
283	2007-AP-68	Unnamed Tributary to Taylor Creek	8/13/2007	11	717083	4882876
284	2007-AP-69	Unnamed Tributary to Taylor Creek	8/13/2007	11	716483	4881992
285	2007-AP-70	Unnamed Tributary to East Pass Creek	8/13/2007	11	717075	4880625
286	2007-AP-71	Unnamed Tributary to East Pass Creek	8/13/2007	11	716381	4880230
287	2007-AP-72	Unnamed Tributary to East Pass Creek	8/13/2007	11	715649	4879521
288	2007-AP-73	Unnamed Tributary to Pine Creek	8/13/2007	11	710350	4887689
289	2007-AP-74	Unnamed Tributary to Pine Creek	8/13/2007	11	711003	4887794
290	2007-AP-75	Unnamed Tributary to Pine Creek	8/13/2007	11	710682	4887532
291	2007-AP-76	Unnamed Tributary to Unnamed Tributary to Pine Creek	8/13/2007	11	711928	4886951
292	2007-AP-77	Unnamed Tributary to Unnamed Tributary to Pine Creek	8/13/2007	11	711305	4887443
293	2007-AP-78	Unnamed Tributary to Pine Creek	8/13/2007	11	711068	4884735
294	2007-AP-79	Unnamed Tributary to Pine Creek	8/13/2007	11	710332	4883889
295	2007-AP-80	Pine Creek	8/13/2007	11	710204	4882392
296	2007-AP-81	Unnamed Tributary to Bowery Creek	8/13/2007	11	709570	4881407
297	2007-AP-82	Bowery Creek	8/13/2007	11	709963	4880105
298	2007-AP-83	Bowery Creek	8/13/2007	11	710859	4880204
299	2007-AP-84	Unnamed Tributary to Bowery Creek	8/13/2007	11	709581	4879227
300	2007-AP-85	Unnamed Tributary to East Pass Creek	8/13/2007	11	711811	4878646
301	2007-AP-86	Unnamed Tributary to Unnamed Tributary to East Pass Creek	8/13/2007	11	712056	4878331
302	2007-AP-87	Unnamed Tributary to East Pass Creek	8/13/2007	11	712395	4877974
303	2007-AP-88	Unnamed Tributary to Unnamed Tributary to East Pass Creek	8/13/2007	11	712123	4878699
304	2007-AP-89	Unnamed Tributary to East Pass Creek	8/13/2007	11	711248	4877743
305	2007-AP-90	Unnamed Tributary to East Pass Creek	8/13/2007	11	710898	4876926
306	2007-AP-91	Unnamed Tributary to East Pass Creek	8/13/2007	11	711539	4875127
307	2007-AP-92	Unnamed Tributary to East Pass Creek	8/13/2007	11	710096	4874327
308	2007-AP-93	Unnamed Tributary to McDonald Creek	8/13/2007	11	714622	4886433
309	2007-AP-94	Unnamed Tributary to Unnamed Tributary to McDonald Creek	8/13/2007	11	714445	4885431
310	2007-AP-95	Unnamed Tributary to McDonald Creek	8/13/2007	11	714727	4884788
311	2007-AP-96	Unnamed Tributary to Sheep Creek	8/13/2007	11	706407	4883637
312	2007-AP-97	Unnamed Tributary to Sheep Creek	8/13/2007	11	705788	4883078
313	2007-AP-98	Unnamed Tributary to Sheep Creek	8/13/2007	11	706174	4883517
314	2007-AP-99	Unnamed Tributary to Sheep Creek	8/13/2007	11	707191	4883757
315	2007-AP-100	Unnamed Tributary to Unnamed Tributary to Sheep Creek	8/13/2007	11	707358	4884109
316	2007-AP-101	Unnamed Tributary to Deer Creek	8/13/2007	11	704578	4880930
317	2007-AP-102	Unnamed Tributary to Deer Creek	8/13/2007	11	705103	4880970
318	2007-AP-103	Unnamed Tributary to East Fork Salmon River	8/13/2007	11	704514	4879716

Appendix C. Raw site data. Sites are listed in sequential order by site code. The site codes correspond to those shown in the figures and tables.

Table 1. (Continued) Aerial photo review on the Yankee Fork Ranger District, Salmon-Challis National Forest. These sites were all classified as intermittent-ephemeral (IE).

Site Code	Tracking Code	Stream Name	Date Assessed	UTM Zone	Easting	Northing
319	2007-AP-104	Unnamed Tributary to Bowery Creek	8/13/2007	11	705503	4878829
320	2007-AP-105	Unnamed Tributary to Unnamed Tributary to Bowery Creek	8/13/2007	11	706017	4878265
321	2007-AP-106	Unnamed Tributary to Bowery Creek	8/13/2007	11	706262	4878001
322	2007-AP-107	Unnamed Tributary to Unnamed Tributary to Bowery Creek	8/13/2007	11	707215	4879743
323	2007-AP-108	Unnamed Tributary to Unnamed Tributary to Bowery Creek	8/13/2007	11	707230	4878745
324	2007-AP-109	Unnamed Tributary to Long Tom Creek	8/13/2007	11	707300	4876743
325	2007-AP-110	Unnamed Tributary to Long Tom Creek	8/13/2007	11	708144	4876828
326	2007-AP-111	Unnamed Tributary to Unnamed Tributary to Long Tom Creek	8/13/2007	11	707889	4877087
327	2007-AP-112	Unnamed Tributary to Unnamed Tributary to Long Tom Creek	8/13/2007	11	708483	4876214
328	2007-AP-113	Unnamed Tributary to Unnamed Tributary to Long Tom Creek	8/13/2007	11	706791	4875505
329	2007-AP-114	Narrow Canyon	8/13/2007	11	705688	4874447
330	2007-AP-115	Narrow Canyon	8/13/2007	11	705373	4875281
331	2007-AP-116	Unnamed Tributary to Narrow Canyon	8/13/2007	11	704794	4875605