

**Biological Condition Index Development for the Lower Truckee
River and Eastern Sierra Nevada Rivers: Fish Assemblage**

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Executive Summary

We developed a fish assemblage IBI for western Nevada rivers and applied it to the Truckee River. Available state and federal fish assemblage data from the Carson, Walker, and upper Truckee rivers were analyzed to select and score metrics. Selected metrics included number of native species, % sculpin individuals, % mountain whitefish individuals, evidence of sculpin and whitefish reproduction, % cutthroat trout individuals, % sensitive individuals, % mountain sucker individuals, % omnivorous individuals, % highly tolerant individuals, % alien individuals, and % external anomalies. Metrics were scored continuously from 0-1 and the IBI was scored from 0-10 by summing the metrics. Those metrics and scoring criteria were then applied to existing fish assemblage data for the lower Truckee River. The IBI declined from the Nevada border to Wadsworth, with sharp declines at river miles 57 (Oxbow), 69 (Mustang), and 87 (Painted Rock). Revisits to the same sites indicated that IBI scores may vary by 1.0 as a result of temporal and sampling variation. We consider median IBI scores >7.5 as acceptable, 5.0-7.4 as marginally damaged, and <5.0 as damaged. However, these are only guidelines and 2.0 changes in IBI scores over space or time are probably biologically significant.

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Introduction

The Truckee River of western Nevada begins near Lake Tahoe in the Sierra Nevada and flows through the Great Basin ecoregion to Pyramid Lake. Like many USA rivers, the Truckee River has a history of intensive and ecologically inconsiderate use since 1860, including mining, logging, milling, grazing, agriculture, and urbanization, all of which involved water removal and discharge of untreated wastes to the river. The worst of the early abuses no longer occur. However, the Truckee River's flow regime is controlled by ten dams, five hydropower stations, and 12 named diversions (Horton 1977). It receives the municipal wastewater of Reno-Sparks, a metropolitan area of 247, 000 people. The Lahontan cutthroat trout *Oncorhynchus clarki henshawi* from Pyramid Lake (up to 27 kg and 1200 mm long) was extirpated by 1944 mostly as a result of dams that precluded its migrations through the Truckee River to California spawning streams. Different strains of Lahontan cutthroat trout were introduced to Pyramid Lake from Independence, Heenan, Summit, and Walker Lake in the 1950s (Coleman and Johnson 1988), but it was listed as threatened by the federal government in 1970. The cui-ui *Chasmistes cujus* from Pyramid Lake (up to 3 kg and 600 mm long), which spawns in the lower Truckee River, was listed as federally endangered in 1967.

Listings of threatened or endangered species are indicators of fundamental ecosystem alteration, but they are late signals, similar to a human's residence in the intensive care unit of a hospital. Earlier indicators, similar to those obtained from annual physical exams, are needed for aquatic ecosystems to avoid serious problems and the great expenses of rehabilitation. Quantitative biological assessment of USA surface waters began receiving increased attention a decade after passage of the 1972 Clean Water Act, with its objective of restoring and maintaining biological integrity. As Karr and Dudley (1981) explained, biological assemblages differ in space and time as a result of differences in flow regime, physical habitat structure, water quality, energy sources, and biological interactions. Bryce et al. (1999) demonstrated conceptually that many typical human land and water uses affect those environmental factors. Therefore, by developing quantitative biological indicators and regularly monitoring those indicators through use of appropriate study designs, biologists and managers can directly assess biological condition. This information, along with landscape and physical and chemical habitat data, can be used to determine the stressors and human disturbances

that limit aquatic biota (Yoder and Rankin 1994; Yoder and Smith 1998). These stressors can then be effectively regulated to benefit aquatic communities.

Fish and game agencies monitored game fish populations, and ichthyologists determined the ranges or presence of fish species throughout the preceding century. But increased interest in the proportionate abundances of all species in an assemblage led to additional assessment tools, such as multivariate analyses and diversity indices. Although these tools yielded valuable ecological insights, they treated all species the same. The index of biotic integrity (IBI) was first proposed by Karr (1981) to synthesize various aspects of fish assemblage condition into a single, easily understood number. Fish IBIs typically sum standardized scores of multiple metrics representing species richness; general tolerance; relative abundance; anomalies; and trophic, habitat, and reproductive guilds. Following many applications in the midwestern USA, Karr et al. (1986) produced a detailed rationale and methodology for developing IBIs.

IBIs have been widely applied since 1986, and the USEPA recommended their use in state bioassessments soon afterwards (Plafkin et al. 1989). Fish IBIs have been employed throughout the USA (Miller et al. 1988; Simon and Lyons 1994) and on all six continents with rivers (Hughes and Oberdorff 1998). Various IBIs have also been used to assess benthic macroinvertebrates (Kerans and Karr 1994; Klemm et al. 2003), terrestrial invertebrates (Karr and Kimberling 2003), algae (Hill et al. 2000; Fore et al. 2003), and riparian birds (Bryce et al. 2002; Bryce In Press). The IBI is not commonly used for fish assemblages in the western USA because western assemblages have low species richness, but Hughes and Gammon (1987) and Mebane et al. (2003) developed IBIs for Pacific Northwest rivers, and Hughes et al. (1998; 2004) developed IBIs to assess wadeable Oregon streams. Fish IBIs were used by the USEPA to assess all wadeable streams in the Mid-Appalachian Highlands (USEPA 2000; McCormick et al. 2001) and all wadeable streams and unwadeable rivers in the western USA (Stoddard et al. 2005; Whittier et al. In Review).

Although an IBI likely can be developed for any assemblage, fish assemblages offer several advantages (Hughes and Oberdorff 1998; Matthews 1998; Schiemer 2000; Rinne et al. 2005). Fish assemblages normally include local benthic species like sculpins and dace that can indicate local conditions, as well as mobile and wide-ranging species like salmonids and suckers that can indicate riverine connectivity or fragmentation. Many salmonid and sucker

species are long-lived so they can be used to assess chronic stressors and bioaccumulation of chemicals (Peterson et al. 2002; In Review). Because of a century of study, fish ecologists know the life histories and autecologies (migrations, trophic requirements, habitat preferences, reproductive strategies, and general tolerances to stressors) of each fish species. Most fish species can be readily identified in the field by competent biologists, so data are available the day of collection, allowing rapid bioassessment and response. Historical fish data are often available, thereby facilitating historical fish assemblage assessments (Rinne et al. 2005). In addition, humans are interested in fishes for sport, food, as water quality indicators, or because they are listed under the Endangered Species Act.

Fish assemblage IBIs have been used elsewhere for assessing the major disturbances of rivers: dams, diversions, and municipal effluents. Hughes and Gammon (1987) and Mebane et al. (2003) observed that IBI scores in the Willamette River, Oregon, decreased below urban outfalls, especially in the Portland reach. Fish assemblage IBI scores showed classical sags and recovery from untreated point source pollution in the Khan and Kshipra Rivers, India (Ganasan and Hughes 1998), and the Rio Paraiba do Sul, Brazil (Araujo et al. 2003; Pinto et al. 2006). Yoder and Smith (1998) and Yoder et al. (2005) also reported lower IBI scores below urban outfalls in Ohio rivers, however they also documented that improved waste treatment over the past decade reduced or removed those urban effects. Increased urbanization of streams was associated with substantial decreases in IBI scores once catchment urbanization exceeded 5% in high gradient West Virginia streams (Snyder et al. 2003), 10% in Wisconsin streams (Wang et al. 1997; 2000), 20% in Oregon streams (Bryce and Hughes 2002), 20% in Ontario streams (Steedman 1988), and 40% in Maryland streams (Klauda et al. 1998). Lyons et al. (2001) found that dams and reservoirs on the Wisconsin River, Wisconsin, were associated with lower IBI scores. Mebane et al. (2003) concluded that once irrigated agriculture land reached 15% of the Snake River, Idaho basin, IBI scores were significantly lower than those in reference sites. They concluded the lower scores resulted from multiple water diversions and untreated agricultural return flows that increased nutrient, sediment, and biocide loads. Contreras-Balderas et al. (2005) found that dams and diversions in the Rio Nazas, Durango, Mexico, were associated with markedly lower IBI scores as the native fish fauna was either extirpated or replaced by nonnative fishes. Lyons et al (1995) also found that altered flow regimes in Mexican streams produced markedly lower IBI scores.

Our objective for this project was to develop a fish assemblage IBI for Eastern Sierra Nevada Rivers and to apply it to the Truckee River considering the most recent research in fish IBI development.

Methods

Data Acquisition and Species Characterization

Initially, we obtained a list of fish species likely to occur in the arid West, particularly the Truckee River, from the Western Pilot of the U. S. Environmental Protection Agency's Environmental Monitoring and Assessment Program (EMAP) and Kim Tisdale, Nevada Department of Wildlife (NDOW), respectively. With the aid of Karen Vargas, Nevada Division of Environmental Protection (NDEP), we acquired published fish assemblage data from the California Department of Fish and Game (McEwan et al. 1986) and the U. S. Geological Survey (Lawrence and Seiler 2002). In addition, Karen Vargas and Glen Gentry (NDEP) helped us procure raw fish assemblage data from Kim Tisdale and Pat Sollberger of the Nevada Department of Wildlife.. These data, collected over multiple years, included location, sampling effort, date, and counts and size ranges for all fish species captured (Appendix A).

We characterized the autecologies of the listed fish species through use of several publications (La Rivers 1962; Bond 1963; Minckley 1973; Moyle 1976, 2002; Lee et al. 1980; Simpson and Wallace 1982; Sigler and Sigler 1987; 1996; Simon 1998; Zaroban et al. 1999). Each fish species was described by its adult habitat, thermal requirements, trophic level, reproductive strategy, and native range (Table 1). We employed weighted average calibration (Line et al. 1994) and bubble plots (Whittier and Hughes 1998) on the Western EMAP Pilot Project data to determine general tolerance (to excess nutrients, sediments, temperature, and flow and channel alteration) relative to other fishes in the arid West. Those publications and a Reno workshop held in October 2002 aided us in developing a conceptual model of the fishes expected in the Truckee River and how they might change with anthropogenic disturbance, as suggested by Davies and Jackson (In Press).

Table 1. Guilds of Truckee River Fish Species. B = benthic, WC = water column;
H = herbivore, O = omnivore I = invertivore, P = piscivore, IP = invertivore/piscivore;
T = tolerant, S = sensitive, I = intermediate; N = native, A = alien.

| Common Name | Habitat | Trophic | Tolerance | Residence |
|----------------------|---------|---------|-----------|-----------|
| Mountain sucker | B | H | I | N |
| Tahoe sucker | B | O | I | N |
| Cui-ui | B | I | I | N |
| Sacramento perch | WC | IP | T | A |
| Green sunfish | WC | IP | T | A |
| Smallmouth bass | WC | P | I | A |
| Largemouth bass | WC | P | T | A |
| Paiute sculpin | B | I | S | N |
| Common carp | B | O | T | A |
| Tui chub | WC | O | T | N |
| Sacramento blackfish | WC | O | T | A |
| Fathead minnow | WC | O | T | A |
| Speckled dace | B | O | I | N |
| Lahontan redbreast | WC | I | I | N |
| Black bullhead | B | IP | T | A |
| White bass | WC | P | I | A |
| Yellow perch | WC | IP | I | A |
| Western mosquitofish | WC | I | T | A |
| Cutthroat trout | WC | IP | S | N |
| Rainbow trout | WC | IP | S | A |
| Mountain whitefish | B | I | S | N |
| Brown trout | WC | IP | I | A |
| Brook trout | WC | IP | S | A |

Metric Screening and Calibration

Following the rationale of Karr et al. (1986) and Davies and Jackson (In Press), we sought metrics representing various aspects of fish assemblage structure and function. As appropriate, each candidate was calculated as percent and number of species and individuals. We examined Western EMAP data that included independently selected least- and most-disturbed sites to aid in metric development and selection. We focused on whether candidate metrics appeared responsive to site-scale stressors and catchment-level disturbances, as well as whether the candidate had an adequate range of expression. The initial screening of candidate metrics also helped insure that metrics would have the highest potential for widespread use throughout the arid western USA (Whittier et al. In Press). Out of 210 candidate metrics, 15 were most appropriate for rivers draining arid western catchments.

We used data from the upper Truckee and East and West Fork Carson Rivers in California and Nevada, the East and West Fork Walker River in Nevada, and the main stem Carson and Truckee Rivers in Nevada (Lawrence and Seiler 2002) to select, calibrate, and score final IBI metrics. Raw metric values were calculated for 36 calibration sites visited 1-5 years. Patterns in these values were examined visually for responsiveness to apparent disturbances, range in value, redundancy with other candidate metrics, and annual variability (Hughes et al. 1998). Candidates with the greatest responsiveness and range, but the least redundancy and variability were retained. Calibration sites with the highest and lowest values, plus species ranges and habitats from Sigler and Sigler (1987) were used in setting metric scoring ranges. We examined the selected metrics against perceived disturbance gradients in the calibration data to set tentative metric scoring ranges, scoring all but one metric continuously from zero to one as recommended by Minns et al. (1994), Ganasan and Hughes (1998), and Hughes et al. (1998). In two iterations, we arrived at ten metrics and their scoring criteria as described below.

Number of native species.—Species richness is a commonly used IBI metric (Karr et al. 1986; Simon and Lyons 1994; Hughes and Oberdorff 1998), because species represent the basic building blocks of a fish assemblage, and are a key component of diversity. In naturally similar sites, species richness is expected to decline with environmental degradation. Hughes and Gammon (1987) and Mebane et al. (2003) favored native richness because they found

that total species richness often increased with degradation in western USA rivers, but Whittier et al. (In Review) did not include a species richness metric in their xeric IBI. The core species in the Truckee River are Paiute sculpin *Cottus beldingi*, mountain whitefish *Prosopium williamsoni*, Lahontan cutthroat trout *Oncorhynchus clarki henshawi*, Tahoe sucker *Catostomus tahoensis*, mountain sucker *Catostomus platyrhynchus*, cui-ui *Chasmistes cujus*, tui chub *Gila bicolor*, speckled dace *Rhinichthys osculus*, and Lahontan redbside *Richardsonius egregius*. Cui-ui and tui chub are mostly restricted to Pyramid Lake, all seven of the remaining species were never collected at the same site, and most sites supported three to four native species. To provide sufficient discrimination among sites, the scoring criterion was set as $0 \geq 5$ native species for a score of 0-1.

Percent Paiute sculpin individuals.—Many small benthic fishes are sensitive to degradation from sedimentation, reduced dissolved oxygen, and eutrophication because of their requirements for feeding and reproducing on and in benthic habitats. Some sort of benthic species metric is used in most fish assemblage IBIs (Karr et al. 1986; Simon and Lyons 1994; Hughes and Oberdorff 1998;). The two small benthic fishes native to the Truckee River are Paiute sculpin and speckled dace, however, speckled dace is not sensitive to sedimentation or excess algae. Hughes and Gammon (1987) used number of sculpin species, however, the number of sculpin species had insufficient range in the Truckee River. Whittier et al. (In Review) used percent sensitive rheophilic individuals, which includes most salmonids and some sculpins. We followed Mebane et al. (2003) and used percent sculpin individuals. The scoring criterion was set as $0 \geq 10\%$ for a score of 0-1.

Percent mountain whitefish individuals.—Initially, we sought a metric based on fish species requiring gravel substrates for spawning, but that metric included mountain sucker, Tahoe sucker, mountain whitefish, and Lahontan cutthroat trout. In the first analyses of the calibration data, we found that the salmonids increased as the suckers decreased and vice versa, leading to an insensitive metric. In addition, the four species differed in their trophic, habitat, and tolerance guilds. Therefore, we decided to use each species in separate metrics to increase sensitivity. Mebane et al. (2003) also separated mountain whitefish from their salmonid metrics, and Whittier et al. (In Review) used percent sensitive spawning individuals. Mountain whitefish broadcast spawns on the gravel surface, versus burying eggs in the gravel like other salmonids, thus it is less sensitive to sedimentation than salmon and trout (Northcote

and Ennis 1994). Also mountain whitefish reproduces naturally in the Truckee River, whereas the calibration data indicated that many of the trout were stocked, thereby offering indefinite insights on habitat suitability for their reproduction. The scoring criterion was $0 \geq 10\%$ for a score of 0-1.

Evidence of reproduction by Paiute sculpin and mountain whitefish.—Reproduction is a critical and very sensitive process. It was reproductive failure that led to the demise of the Pyramid Lake population of Lahontan cutthroat trout. Thus, we included a metric assessing reproduction of the two commonly-occurring yet sensitive Truckee River species, Paiute sculpin and mountain whitefish. Mebane et al. (2003) and Hughes et al. (2004) also included size class metrics for salmonids and sculpins to assess reproduction. Unlike the scoring for the other metrics, a score of 0.5 was added to the sculpin or whitefish metric when size range at a site suggested reproduction, rearing, and maturation.

Percent Lahontan cutthroat trout individuals.—Due to their wide distribution and threatened status, Lahontan cutthroat trout are the major species of concern in the Truckee River. Sigler et al. (1983) reported that adult Lahontan cutthroat from Pyramid Lake once migrated through the river from October to April to spawn in California, and the descent of the juveniles occurred with high flows over the same period. The current subspecies of Lahontan cutthroat trout tolerates temperatures of 22-24C (Dickerson and Vinyard 1999). Thus, it is possible that salmonids (and sculpins) were once present throughout the river in the summer, but at low abundance and found only near areas of hyporheic inflows or in deep pools. Karr et al. (1986) cautioned against using listed species in IBI metrics, however they were dealing with species rich fish assemblages in streams where listed species were typically local endemics, as opposed to once widespread and commercially important salmonids in western USA rivers. Davies and Jackson (In Press) also favored including sensitive rare taxa in biological assessments. However, to avoid a stocking bias, trout that are stocked should not be included in the calculations. The scoring criterion was $0 \geq 10\%$ for a score of 0-1.

Percent individuals that are sensitive species.—Sensitive species are generally the first to disappear as temperatures, sediments, turbidity, nutrients, and biochemical oxygen demand increase. This is another metric common to nearly all fish assemblage IBIs (Karr et al. 1986; Simon and Lyons 1994; Hughes and Oberdorff 1998). Whittier et al. (In Review) used percent nontolerant invertivore-piscivore species. Paiute sculpin, Lahontan cutthroat trout, mountain

whitefish, rainbow trout *Oncorhynchus mykiss*, and brook trout *Salvelinus fontinalis* were determined to be sensitive in the initial Western EMAP analyses. As above, to avoid a stocking bias, trout that are clearly stocked should not be included in the calculations. Due to the greater number of species considered in this metric, the scoring criterion was 0- \geq 20% for a score of 0-1.

Percent mountain sucker individuals.—Trophic guilds are common to most IBIs, and percent invertivore metrics are common in the species rich midwestern and eastern USA. However, in western North America, species are fewer and most are invertivores making this an insensitive metric. Mountain sucker is herbivorous, with a cartilaginous plate on its lower jaw ideal for scraping algae from rocks. Although mountain sucker is the only herbivorous fish in the Truckee River, it is commonly occurring, and the calibration data indicated that it became very abundant at some sites when excess nutrients and sunlight stimulated excess algal growth. Ganasan and Hughes (1998) also used percent herbivorous individuals. Because mountain sucker was common and increased with disturbance, the scoring criterion was \geq 20-0% for a score of 0-1. This is just the opposite of the preceding metrics where higher percentages led to higher scores, however this and the following metrics receive lower scores as the percentages increase because they respond positively to disturbance.

Percent individuals that are omnivorous as adults.—Omnivores consistently include substantial proportions of both plant and animal foods in their diets. Although commonly occurring in natural conditions, they tend to increase at disturbed sites where a disrupted food base favors opportunistic feeders. This metric or minor variants of it is common to nearly all fish assemblage IBIs (Karr et al. 1986; Simon and Lyons 1994; Hughes and Oberdorff 1998). Truckee River omnivores include Tahoe sucker, common carp *Cyprinus carpio*, tui chub, Sacramento blackfish *Orthodon microlepidotus*, fathead minnow *Pimephales promelas*, and speckled dace. Like the preceding metric, the scoring criterion was \geq 20-0% for a score of 0-1.

Percent individuals that are generally and highly tolerant.—Karr (1981) and Karr et al. (1986) originally suggested a single tolerant species, green sunfish *Lepomis cyanellus*, for this metric, but percent highly tolerant individuals is used more frequently (Simon and Lyons 1994; Hughes and Oberdorff 1998; Whittier et al. In Review). Species listed for the Truckee River that were deemed highly tolerant in the Western EMAP analyses are Sacramento perch *Archoplites interruptus*, green sunfish, largemouth bass *Micropterus salmoides*, common carp,

tui chub, Sacramento blackfish, and fathead minnow. Highly tolerant species such as these are typically incidental or rare in natural rivers, and they differ from intermediate species like Lahontan redband, speckled dace, and Tahoe sucker. When highly tolerant species begin to appear consistently, even in small numbers, it indicates the beginning of fundamental ecosystem change and serious concern. Due to their normal rarity, the scoring criterion was $\geq 5\text{-}0\%$ for a score of 0-1.

Percent individuals that are alien to the Truckee River.--Alien species indicate biological pollution and a serious diversion from natural conditions, especially when they constitute a substantial percentage of the assemblage, and including when they are deliberately introduced. Alien species are strongly associated with species extinctions (Miller et al. 1989) and species extirpations in western rivers (Taylor et al. 1984; Rinne et al. 2005). Truckee River aliens include Sacramento perch, green sunfish, largemouth bass, smallmouth bass *Micropterus dolomieu*, common carp, Sacramento blackfish, fathead minnow, black bullhead *Ameiurus melas*, white bass *Morone chrysops*, yellow perch *Perca flavescens*, western mosquitofish *Gambusia affinis*, brown trout *Salmo trutta*, rainbow trout, and brook trout. Brown trout has replaced cutthroat trout in large rivers (Behnke 1992) and Lake Tahoe (McAfee 1966). Rainbow trout hybridizes with Lahontan cutthroat trout contributing to their decline and replacement (Behnke 1992; McAfee 1966). Alien black bullhead, yellow perch, green sunfish, white bass, smallmouth bass, and largemouth bass may sufficiently predate populations of small native fish to result in their extirpation (Minckley 1973; Dill and Cordone 1997; Fuller et al. 1999). Common carp is regarded as a nuisance because it destroys aquatic macrophytes and increases turbidity in its feeding (Fuller et al. 1999). Western mosquitofish is aggressive and displaces or eliminates small native fishes (Courtenay and Meffe 1989). Although not initially proposed by Karr et al. (1986), an alien metric is now frequently used in western USA IBIs (Simon and Lyons 1994; Whittier et al. In Review) and internationally (Hughes and Oberdorff 1998). Davies and Jackson (In Press) recommended not considering aliens detrimental until they constitute a substantial proportion of an assemblage. However some aliens, like rainbow trout and brook trout, are considered sensitive and they are stocked as highly desirable game fish. To deemphasize trout stocking and to emphasize substantial alien abundances, we set the scoring criterion at $\geq 25\text{-}0\%$ for a score of 0-1.

Percent individuals with external anomalies.—Anomalies include easily observed skeletal deformities, eroded/missing organs, lesions/ulcerous sores, tumors, excess mucous, fungus, bleeding, or discoloration. Sites with severe chemical or organic degradation in water or sediments have increased numbers of individuals with anomalies and it is a commonly used metric (Karr et al. 1986; Simon and Lyons 1994; Hughes and Oberdorff 1998). But Whittier et al. (In Review) did not include it in their xeric IBI. The NDOW data did not include anomaly counts, however Lawrence and Seiler (2002) did determine percent anomalies and we recommend its collection in future NDOW surveys. Based on Hughes and Gammon (1987), Sanders et al. (1998), and Mebane et al. (2003), a scoring criterion of ≥ 5 -0% for a score of 0-1 seems appropriate.

IBI Scoring and Application

Kim Tisdale, NDOW, provided us with an independent Truckee River data base to which we applied the final ten IBI metrics. The NDOW data, collected for 3-20 years and 1-3 seasons from 14 sites (Figure 1, Table 2), included location, sampling effort, date, and counts and size ranges for all fish species captured (Appendix B). Such data enabled us to apply an IBI that had been independently developed from the other data sets, thereby avoiding the circularity inherent with developing and applying an IBI from the same data. For each unique site and visit, the raw values for the ten metrics were converted to scores of 0-1, and these were added to produce a potential IBI score of 0-10.

Table 2. Sampling Site Name, General Location, and River Mile from Lake Tahoe
(upriver to downriver)

| <u>River Mile</u> | <u>Sampling Site</u> | <u>General Location</u> |
|-------------------|----------------------|--|
| 47 | Stateline | Below the California/Nevada Border |
| 48 | Trophy | Above Verdi |
| 49 | Verdi Pool | Above Verdi |
| 50 | Crystal Peak Park | Verdi |
| 51 | River Bend | Lower Verdi area |
| 55 | Patagonia/River Inn | River entry into the Cities of Reno and Sparks |
| 57 | Oxbow | Within the City of Reno |
| 59 | Wells | Within the City of Reno |
| 61 | Edison/Rock Park | Within the Cities of Reno and Sparks |
| 68 | Lockwood | Below the Cities of Reno/Sparks, Steamboat Creek entry and the Waste Water Treatment Plant |
| 69 | Mustang | Exit off of Interstate 80 |
| 79 | Eagle Picher | Below Tracy/Clark Power Plant |
| 83 | Below Derby Dam | Below Major Truckee River Diversion Point |
| 87 | Painted Rock | Exit off of Interstate 80 |
| 91 | Wadsworth | Pyramid Lake Paiute Tribal Reservation |

Results and Discussion

The IBI declined from the upper Truckee River to Wadsworth, with sharp declines at river miles 57 (Oxbow) and 69 (Mustang) (Figure 2). The maximum range in IBI scores at a site was 3.9 at river mile 91 (Wadsworth), with the lowest score occurring in November. Variation in IBI scores as low as 0.9-1.19 occurred at river miles 47 (Stateline), 49 (Verdi Pool), and 69 (Mustang). The lowest score calculated in the data was 1.34 at river mile 87

(Painted Rock) in October 1984, and the highest score was 8.09 at river mile 47 (Stateline) in September 1996 (Figure 2; Table 3). The gradual decline in median IBI scores with river mile is likely related to changes in elevation, channel slope, and human disturbance (Figure 3). However, the marked dips in IBI scores occurring at river miles 57 (Oxbow), 69 (Mustang), and 87 (Painted Rock) are presumed to result from anthropogenic alterations producing low quality physical and chemical habitat at those sites. Rosen et al. (In Press) also found high levels of organic contaminants at Truckee River miles 56-69. Because we found no data from minimally-disturbed or natural reference sites, we lack quantitative estimates of reference conditions for the Truckee River. Following Bozzetti and Schulz (2004), Hughes (1994), and Hughes et al. (1998), we suggest interpreting median IBI scores >7.5 as acceptable, 5.0-7.4 as marginally damaged, and <5.0 as damaged. However, these are only guidelines and 2.0 changes in IBI scores over space or time are likely biologically significant.

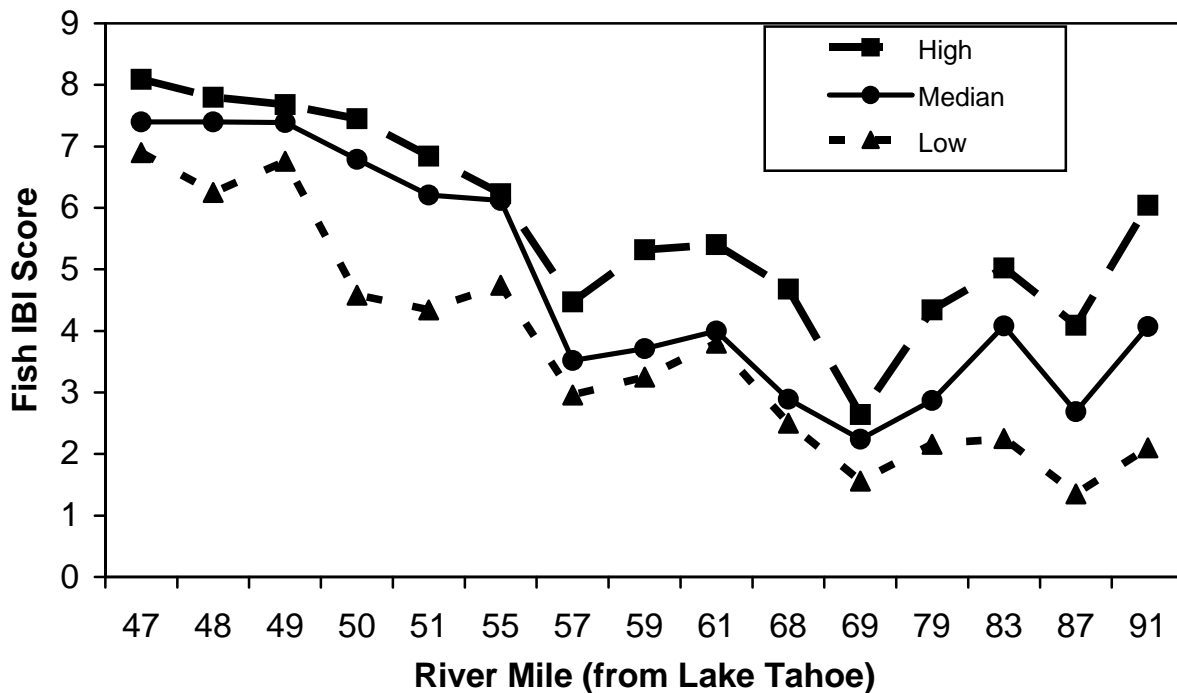


Figure 2: Median and Extreme Fish Assemblage IBI Scores for the Lower Truckee River.

Table 3. Metric Raw Values and Scores (bold italic) for those Truckee River Sites with the Highest and Lowest IBI Scores. ^aA score of 0.5 was added for evidence of reproduction.

| Site | No. Fish | No. Native Species | % Sculpin | % Whitefish | % Cutthroat | % Sensitive | % Herbivore | % Omnivore | % Tolerant | % Alien | IBI |
|----------------------|----------|--------------------|------------------------|------------------------|-------------|-------------|-------------|------------|------------|-------------|-------------|
| Mile 47 Stateline | 27 | 3 | 15 | 59 | 3.7 | 81 | 0 | 0 | 0 | 22 | |
| | | 0.6 | 1.5^a | 1.5^a | .37 | 1 | 1 | 1 | 1 | 0.12 | 8.09 |
| Mile 87 Painted Rock | 191 | 3 | 0 | 0 | 0 | 0 | 30 | 53 | 9.9 | 10 | |
| | | 0.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.74 | 1.34 |

Recommendations

There was no consistent pattern between number of individuals collected, year, or season and the IBI scores, but often scores were lower in the 1980s than the 2000s and in summer versus autumn. Higher individual counts increase confidence in sampling adequacy, at least for species richness and proportionate abundance estimates (Hughes et al. 2002; Reynolds et al. 2003). Therefore, we recommend setting a minimum number of individuals collected, or a sampling distance of 40 times the mean wetted channel width (Reynolds et al. 2003; Hughes et al. 2002; Hughes and Herlihy In Review) to reduce the noise in sampling effort. This might also require reducing the number of sampling sites to Stateline, Verdi Pool, Patagonia, Oxbow, Mustang, Painted Rock, Wadsworth, and Nixon. Others have determined that IBI has minimal among-year and within-season temporal variability (Fore et al. 1994; Hughes et al. 1998; McCormick et al. 2001). Bozzetti and Schulz (2004), sampling six sites in four seasons of one year, concluded that seasonal fluctuations in species composition (as shown by significant differences in Shannon-Wiener scores) did not affect general IBI results. However, their most consistent results occurred during the base low flow season, and this season coincides with the clearest detection of the effects of anthropogenic stressors. Rosen

et al. (In Press) also reported that summer base flows in the Truckee River yielded higher toxicity than spring flows as indicated by a pyrene index. Consequently, we recommend sampling during late summer low flows, as recommended by Plafkin et al. (1989), Meador et al. (1993), and Peck et al. (2004).

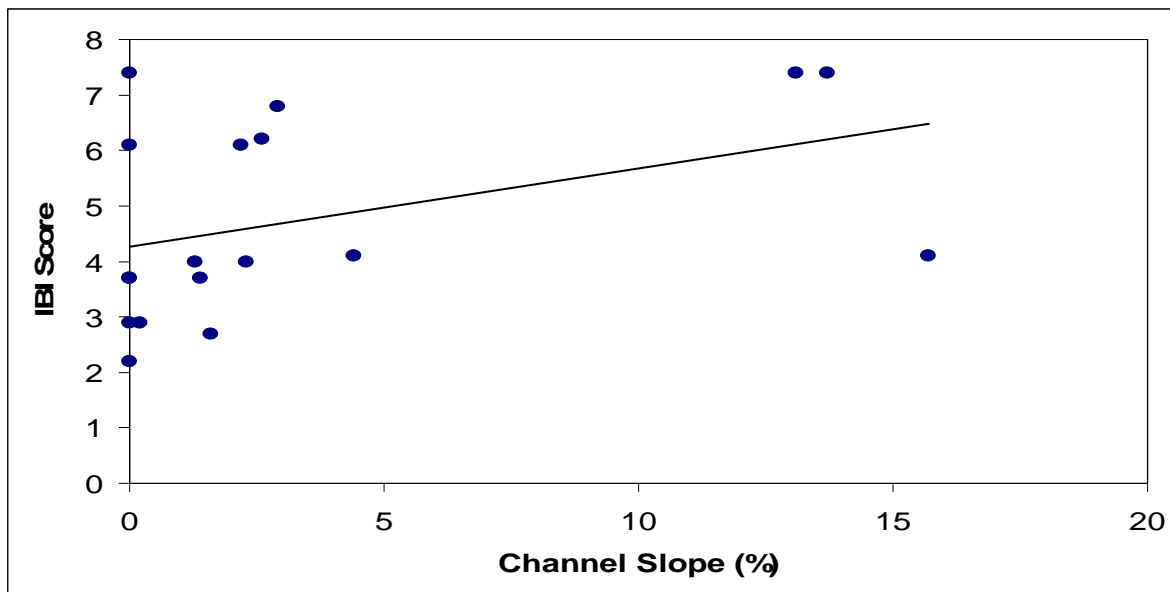


Figure 3. Relationship between Channel Slope and IBI Score.

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Appendix A. Calibration Data Set from Truckee, Carson, and Walker Rivers.

| Site (RM) | Year | Species | Count | %ANOMALIES |
|------------|------|----------|-------|------------|
| CA15MARTIS | 1983 | ONCOCLAR | 19 | |
| CA15MARTIS | 1983 | SALMTRUT | 102 | |
| CA15MARTIS | 1983 | ONCOMYKI | 1 | |
| CA15MARTIS | 1983 | RHINOSCU | 11 | |
| CA15MARTIS | 1983 | RICHEGRE | 1 | |
| CA15MARTIS | 1983 | CATOPLAT | 6 | |
| CA15MARTIS | 1983 | CATOTAHO | 21 | |
| CA15MARTIS | 1983 | COTTBELD | 3 | |
| CA09LTRUC | 1983 | SALMTRUT | 15 | |
| CA09LTRUC | 1983 | ONCOMYKI | 15 | |
| CA09LTRUC | 1983 | PROSWILL | 4 | |
| CA09LTRUC | 1983 | RICHEGRE | 54 | |
| CA09LTRUC | 1983 | CATOPLAT | 1 | |
| CA09LTRUC | 1983 | CATOTAHO | 4 | |
| CA09LTRUC | 1983 | COTTBELD | 34 | |
| CA13LTRUC | 1983 | SALMTRUT | 30 | |
| CA13LTRUC | 1983 | ONCOMYKI | 190 | |
| CA13LTRUC | 1983 | PROSWILL | 1 | |
| CA13LTRUC | 1983 | RICHEGRE | 5 | |
| CA13LTRUC | 1983 | CATOPLAT | 9 | |
| CA13LTRUC | 1983 | CATOTAHO | 29 | |
| CA13LTRUC | 1983 | COTTBELD | 174 | |
| CA10ECAR | 1980 | ONCOCLAR | 1 | |
| CA10ECAR | 1980 | SALMTRUT | 43 | |
| CA10ECAR | 1980 | ONCOMYKI | 47 | |
| CA10ECAR | 1980 | PROSWILL | 29 | |
| CA10ECAR | 1980 | COTTBELD | 2 | |
| CA11ECAR | 1980 | SALMTRUT | 25 | |
| CA11ECAR | 1980 | ONCOMYKI | 12 | |
| CA11ECAR | 1980 | PROSWILL | 16 | |
| CA11ECAR | 1980 | COTTBELD | 1 | |
| CA12ECAR | 1980 | SALMTRUT | 5 | |
| CA12ECAR | 1980 | ONCOMYKI | 17 | |
| CA12ECAR | 1980 | PROSWILL | 15 | |
| CA22ECAR | 1983 | SALMTRUT | 19 | |
| CA22ECAR | 1983 | ONCOMYKI | 62 | |
| CA22ECAR | 1983 | PROSWILL | 12 | |
| CA22ECAR | 1983 | RHINOSCU | 1 | |
| CA22ECAR | 1983 | CATOPLAT | 3 | |
| CA22ECAR | 1983 | COTTBELD | 13 | |
| CA25ECAR | 1983 | ONCOMYKI | 4 | |
| CA25ECAR | 1983 | PROSWILL | 2 | |
| CA25ECAR | 1983 | RHINOSCU | 1 | |
| CA25ECAR | 1983 | CATOPLAT | 1 | |
| CA25ECAR | 1983 | COTTBELD | 1 | |
| GS47ECAR | 1993 | CATOPLAT | 28 | 0 |
| GS47ECAR | 1993 | CATOTAHO | 9 | 0 |
| GS47ECAR | 1993 | RHINOSCU | 83 | 2 |
| GS47ECAR | 1993 | RICHEGRE | 74 | 3 |
| GS47ECAR | 1994 | RICHEGRE | 32 | 6 |
| GS47ECAR | 1994 | SALMTRUT | 2 | 0 |

| Site (RM) | Year | Species | Count | %ANOMALIES |
|-----------|------|----------|-------|------------|
| GS47ECAR | 1995 | CATOPLAT | 29 | 14 |
| GS47ECAR | 1995 | CATOTAHO | 2 | 0 |
| GS47ECAR | 1995 | RHINOSCU | 121 | 2 |
| GS47ECAR | 1995 | RICHEGRE | 70 | 3 |
| GS47ECAR | 1995 | SALMTRUT | 9 | 0 |
| GS47ECAR | 1996 | CATOPLAT | 20 | 0 |
| GS47ECAR | 1996 | CATOTAHO | 4 | 0 |
| GS47ECAR | 1996 | RHINOSCU | 37 | 0 |
| GS47ECAR | 1996 | RICHEGRE | 38 | 0 |
| GS47ECAR | 1996 | SALMTRUT | 11 | 0 |
| GS70CAR | 1993 | AMEIMELA | 1 | 100 |
| GS70CAR | 1993 | CATOPLAT | 3 | 0 |
| GS70CAR | 1993 | CATOTAHO | 5 | 20 |
| GS70CAR | 1993 | CYPRCARP | 2 | 0 |
| GS70CAR | 1993 | LEPOCYAN | 16 | 12 |
| GS70CAR | 1993 | MICRDOLO | 12 | 0 |
| GS70CAR | 1993 | MICRSALM | 5 | 20 |
| GS70CAR | 1993 | RHINOSCU | 1 | 0 |
| GS95CARA | 1993 | CATOTAHO | 9 | 10 |
| GS95CARA | 1993 | CYPRCARP | 65 | 0 |
| GS95CARA | 1993 | MOROCHRY | 1 | 0 |
| GS95CARA | 1993 | PIMEPROM | 16 | 0 |
| GS95CARA | 1993 | RHINOSCU | 11 | 0 |
| GS95CARA | 1993 | RICHEGRE | 449 | 1 |
| GS95CARB | 1993 | CATOPLAT | 44 | 7 |
| GS95CARB | 1993 | CATOTAHO | 78 | 3 |
| GS95CARB | 1993 | CYPRCARP | 43 | 0 |
| GS95CARB | 1993 | LEPOCYAN | 2 | 0 |
| GS95CARB | 1993 | PIMEPROM | 69 | 0 |
| GS95CARB | 1993 | RHINOSCU | 86 | 0 |
| GS95CARB | 1993 | RICHEGRE | 168 | 1 |
| GS95CARB | 1993 | ORTHMICR | 5 | 0 |
| GS95CARB | 1994 | CATOPLAT | 17 | 18 |
| GS95CARB | 1994 | CATOTAHO | 10 | 20 |
| GS95CARB | 1994 | CYPRCARP | 13 | 31 |
| GS95CARB | 1994 | GAMBAFFI | 1 | 0 |
| GS95CARB | 1994 | ORTHMICR | 7 | 14 |
| GS95CARB | 1994 | PIMEPROM | 57 | 2 |
| GS95CARB | 1994 | RHINOSCU | 97 | 1 |
| GS95CARB | 1995 | CATOPLAT | 29 | 10 |
| GS95CARB | 1995 | CATOTAHO | 21 | 29 |
| GS95CARB | 1995 | CYPRCARP | 202 | 4 |
| GS95CARB | 1995 | LEPOCYAN | 11 | 0 |
| GS95CARB | 1995 | MICRDOLO | 2 | 0 |
| GS95CARB | 1995 | ORTHMICR | 19 | 0 |
| GS95CARB | 1995 | PIMEPROM | 18 | 0 |
| GS95CARB | 1995 | RHINOSCU | 30 | 0 |
| GS95CARB | 1995 | RICHEGRE | 3 | 0 |
| GS95CARB | 1996 | CATOPLAT | 68 | 2 |
| GS95CARB | 1996 | CATOTAHO | 20 | 40 |
| GS95CARB | 1996 | CYPRCARP | 11 | 18 |
| GS95CARB | 1996 | MICRDOLO | 1 | 0 |
| GS95CARB | 1996 | MOROCHRY | 1 | 0 |

| Site (RM) | Year | Species | Count | %ANOMALIES |
|-----------|------|----------|-------|------------|
| GS95CARB | 1996 | ORTHMICR | 4 | 0 |
| GS95CARB | 1996 | LEPOCYAN | 7 | 0 |
| GS95CARB | 1996 | PERCFLAV | 1 | 0 |
| GS95CARB | 1996 | PIMEPROM | 78 | 1 |
| GS95CARB | 1996 | RHINOSCU | 98 | 0 |
| GS95CARB | 1996 | RICHEGRE | 5 | 0 |
| GS95CARC | 1993 | CATOPLAT | 29 | 0 |
| GS95CARC | 1993 | CATOTAHO | 108 | 1 |
| GS95CARC | 1993 | CYPRCARP | 72 | 0 |
| GS95CARC | 1993 | LEPOCYAN | 5 | 0 |
| GS95CARC | 1993 | PIMEPROM | 30 | 0 |
| GS95CARC | 1993 | RHINOSCU | 48 | 0 |
| GS95CARC | 1993 | RICHEGRE | 162 | 0 |
| GS11TRUC | 1993 | CATOPLAT | 2 | 0 |
| GS11TRUC | 1993 | CATOTAHO | 13 | 8 |
| GS11TRUC | 1993 | COTTBELD | 1 | 0 |
| GS11TRUC | 1993 | ONCOMYKI | 4 | 0 |
| GS11TRUC | 1993 | RHINOSCU | 79 | 0 |
| GS11TRUC | 1993 | RICHEGRE | 25 | 0 |
| GS11TRUC | 1993 | SALMTRUT | 10 | 0 |
| GS42TRUCA | 1993 | CATOPLAT | 1 | 0 |
| GS42TRUCA | 1993 | COTTBELD | 19 | 0 |
| GS42TRUCA | 1993 | ONCOMYKI | 1 | 0 |
| GS42TRUCA | 1993 | RHINOSCU | 7 | 0 |
| GS42TRUCA | 1993 | SALMTRUT | 3 | 0 |
| GS42TRUCA | 1994 | CATOPLAT | 1 | 0 |
| GS42TRUCA | 1994 | COTTBELD | 62 | 0 |
| GS42TRUCA | 1994 | ONCOMYKI | 1 | 0 |
| GS42TRUCA | 1994 | RHINOSCU | 1 | 0 |
| GS42TRUCA | 1995 | COTTBELD | 75 | 0 |
| GS42TRUCA | 1995 | ONCOMYKI | 4 | 0 |
| GS42TRUCA | 1996 | COTTBELD | 89 | 0 |
| GS42TRUCA | 1996 | ONCOMYKI | 2 | 0 |
| GS42TRUCA | 1996 | RHINOSCU | 1 | 0 |
| GS42TRUCA | 1996 | SALMTRUT | 6 | 0 |
| GS42TRUCB | 1993 | COTTBELD | 22 | 0 |
| GS42TUCB | 1993 | ONCOMYKI | 1 | 0 |
| GS42TUCB | 1993 | RHINOSCU | 1 | 0 |
| GS42TRUCC | 1993 | COTTBELD | 34 | 0 |
| GS42TRUCC | 1993 | ONCOMYKI | 3 | 0 |
| GS42TRUCC | 1993 | SALMTRUT | 2 | 0 |
| GS63TRUC | 1993 | CATOPLAT | 163 | 0 |
| GS63TRUC | 1993 | CATOTAHO | 4 | 0 |
| GS63TRUC | 1993 | LEPOCYAN | 1 | 0 |
| GS63TRUC | 1993 | ONCOMYKI | 1 | 0 |
| GS63TRUC | 1993 | RHINOSCU | 1 | 0 |
| GS63TRUC | 1993 | RICHEGRE | 38 | 0 |
| GS80TRUCA | 1993 | CATOPLAT | 16 | 6 |
| GS80TRUCA | 1993 | CATOTAHO | 61 | 15 |
| GS80TRUCA | 1993 | CYPRCARP | 7 | 14 |
| GS80TRUCA | 1993 | LEPOCYAN | 3 | 0 |
| GS80TRUCA | 1993 | PIMEPROM | 24 | 17 |
| GS80TRUCA | 1993 | RHINOSCU | 36 | 0 |

| Site (RM) | Year | Species | Count | %ANOMALIES |
|-----------|------|-----------|-------|------------|
| GS80TRUCA | 1993 | RICHEGRE | 56 | 7 |
| GS80TRUCB | 1993 | CATOPLAT | 14 | 14 |
| GS80TRUCB | 1993 | CATOTAHO | 21 | 14 |
| GS80TRUCB | 1993 | PIMEPROM | 5 | 0 |
| GS80TRUCB | 1993 | RHINOSCU | 40 | 8 |
| GS80TRUCB | 1993 | RICHEGRE | 1 | 0 |
| GS80TRUCC | 1993 | CATOTAHO | 47 | 43 |
| GS80TRUCC | 1993 | PIMEPROM | 7 | 0 |
| GS80TRUCC | 1993 | RHINOSCU | 14 | 0 |
| GS80TRUCC | 1993 | RICHEGRE | 48 | 4 |
| GS80TRUCC | 1994 | CATOPLAT | 8 | 0 |
| GS80TRUCC | 1994 | CATOTAHO | 21 | 5 |
| GS80TRUCC | 1994 | CYPRCARP | 20 | 5 |
| GS80TRUCC | 1994 | GAMBAFFI | 1 | 0 |
| GS80TRUCC | 1994 | RHINOSCU | 12 | 8 |
| GS80TRUCC | 1994 | RICHEGRE | 105 | 1 |
| GS80TRUCC | 1994 | SALMTRUT | 1 | 100 |
| GS80TRUCC | 1995 | CATOTAHO | 27 | 22 |
| GS80TRUCC | 1995 | LEPOCYAN | 1 | 0 |
| GS80TRUCC | 1995 | PIMEPROM | 1 | 0 |
| GS80TRUCC | 1995 | RHINOSCU | 11 | 0 |
| GS80TRUCC | 1995 | RICHEGRE | 114 | 1 |
| GS80TRUCC | 1995 | SALMTRUT | 2 | 0 |
| GS80TRUCC | 1996 | CATOTAHO | 62 | 11 |
| GS80TRUCC | 1996 | CATOPLAT | 38 | 3 |
| GS80TRUCC | 1996 | LEPOCYAN | 1 | 0 |
| GS80TRUCC | 1996 | RHINOSCU | 7 | 0 |
| GS80TRUCC | 1996 | RICHEGRE | 157 | 1 |
| GS80TRUCC | 1997 | CATOPLAT | 87 | 2 |
| GS80TRUCC | 1997 | CATOTAHO | 1521 | 9 |
| GS80TRUCC | 1997 | CYPRCARP | 13 | 0 |
| GS80TRUCC | 1997 | ONCOCLAR | 1 | 0 |
| GS80TRUCC | 1997 | RHINOSCU | 11 | 0 |
| GS80TRUCC | 1997 | RICHEGRE | 111 | 0 |
| GS80TRUCC | 1997 | SALMTRUT | 2 | 0 |
| GS100TRUC | 1993 | CATOPLAT | 2 | 50 |
| GS100TRUC | 1993 | CATOTAHO | 39 | 18 |
| GS100TRUC | 1993 | GAMBAFFI | 1 | 0 |
| GS100TRUC | 1993 | PIMEPROM | 9 | 11 |
| GS100TRUC | 1993 | RICHEGRE | 15 | 0 |
| NV67CAR | 1995 | SALMTRUT | 44 | |
| NV67CAR | 1995 | ONCOMYKI | 24 | |
| NV67CAR | 1995 | LEPOCYAN | 2 | |
| NV67CAR | 1995 | CATOTAHO | 2 | |
| NV67CAR | 1997 | SALMTRUT | 23 | |
| NV67CAR | 1997 | ONCOMYKI | 3 | |
| NV67CAR | 1997 | RHINOSCU | 1 | |
| NV67CAR | 1997 | CATOPLAT | 11 | |
| NV67CAR | 1997 | CYPRCARP | 12 | |
| NV67CAR | 1996 | SALMTRUT | 39 | |
| NV67CAR | 1996 | MICROSALM | 1 | |
| NV67CAR | 1996 | CATOTAHO | 29 | |
| NV67CAR | 1996 | RICHEGRE | 1 | |

| Site (RM) | Year | Species | Count | %ANOMALIES |
|-----------|------|-----------|-------|------------|
| NV67CAR | 1996 | CYPRCASP | 1 | |
| NV67CAR | 1994 | MICROSALM | 2 | |
| NV67CAR | 1994 | MICRODOLO | 7 | |
| NV67CAR | 1994 | LEPOCYAN | 63 | |
| NV67CAR | 1994 | CATOPLAT | 22 | |
| NV67CAR | 1994 | CATOTAHO | 33 | |
| NV67CAR | 1994 | GAMBAFFI | 6 | |
| NV67CAR | 1994 | CYPRCASP | 1 | |
| NV67CAR | 1993 | ONCOMYKI | 2 | |
| NV67CAR | 1993 | SALMTRUT | 3 | |
| NV67CAR | 1993 | MICRODOLO | 30 | |
| NV67CAR | 1993 | MICROSALM | 2 | |
| NV67CAR | 1993 | LEPOCYAN | 41 | |
| NV67CAR | 1993 | RHINOSCU | 4 | |
| NV67CAR | 1993 | CATOTAHO | 25 | |
| NV67CAR | 1993 | CATOPLAT | 14 | |
| NV67CAR | 1993 | CYPRCASP | 18 | 28 |
| NV71CAR | 1996 | SALMTRUT | 25 | |
| NV71CAR | 1996 | ONCOMYKI | 3 | |
| NV71CAR | 1996 | LEPOCYAN | 12 | |
| NV71CAR | 1996 | CATOTAHO | 8 | |
| NV71CAR | 1996 | CATOPLAT | 16 | |
| NV71CAR | 1996 | MICRODOLO | 7 | |
| NV71CAR | 1995 | SALMTRUT | 4 | |
| NV71CAR | 1995 | ONCOMYKI | 20 | |
| NV71CAR | 1995 | LEPOCYAN | 1 | |
| NV71CAR | 1995 | CATOTAHO | 4 | |
| NV71CAR | 1995 | CATOPLAT | 5 | |
| NV71CAR | 1995 | RHINOSCU | 3 | |
| NV71CAR | 1995 | CYPRCASP | 1 | |
| NV72CAR | 1994 | MICRODOLO | 3 | |
| NV72CAR | 1994 | LEPOCYAN | 10 | |
| NV72CAR | 1994 | CATOPLAT | 21 | |
| NV72CAR | 1994 | CATOTAHO | 2 | |
| NV72CAR | 1994 | RHINOSCU | 8 | |
| NV72CAR | 1994 | CYPRCASP | 8 | |
| NV75CAR | 1997 | SALMTRUT | 3 | |
| NV75CAR | 1997 | ONCOMYKI | 1 | |
| NV75CAR | 1997 | LEPOCYAN | 7 | |
| NV75CAR | 1997 | CATOTAHO | 9 | |
| NV75CAR | 1997 | CATOPLAT | 215 | |
| NV75CAR | 1997 | RICHEGRE | 7 | |
| NV75CAR | 1997 | MICRODOLO | 4 | |
| NV75CAR | 1996 | SALMTRUT | 12 | |
| NV75CAR | 1996 | ONCOMYKI | 1 | |
| NV75CAR | 1996 | LEPOCYAN | 42 | |
| NV75CAR | 1996 | CATOTAHO | 139 | |
| NV75CAR | 1996 | CATOPLAT | 112 | |
| NV75CAR | 1996 | RHINOSCU | 50 | |
| NV75CAR | 1995 | SALMTRUT | 3 | |
| NV75CAR | 1995 | ONCOMYKI | 2 | |
| NV75CAR | 1995 | LEPOCYAN | 6 | |
| NV75CAR | 1995 | CATOTAHO | 1 | |

| Site (RM) | Year | Species | Count | %ANOMALIES |
|-----------|------|----------|-------|------------|
| NV75CAR | 1994 | LEPOCYAN | 54 | |
| NV75CAR | 1994 | CATOPLAT | 46 | |
| NV75CAR | 1994 | CATOTAHO | 99 | |
| NV75CAR | 1994 | RHINOSCU | 56 | |
| NV75CAR | 1993 | SALMTRUT | 3 | |
| NV75CAR | 1993 | LEPOCYAN | 23 | |
| NV75CAR | 1993 | AMEIMELA | 1 | |
| NV75CAR | 1993 | RICHEGRE | 9 | |
| NV75CAR | 1993 | RHINOSCU | 36 | |
| NV75CAR | 1993 | CATOTAHO | 49 | |
| NV75CAR | 1993 | CATOPLAT | 17 | |
| NV75CAR | 1993 | CYPRCARP | 3 | |
| NV39ECAR | 2001 | ONCOMYKI | 5 | |
| NV39ECAR | 2001 | SALMTRUT | 11 | |
| NV39ECAR | 2001 | PROSWILL | 57 | |
| NV39ECAR | 2001 | CATOPLAT | 17 | |
| NV39ECAR | 2001 | RHINOSCU | 16 | |
| NV39ECAR | 1999 | ONCOMYKI | 6 | |
| NV39ECAR | 1999 | SALMTRUT | 12 | |
| NV39ECAR | 1999 | PROSWILL | 14 | |
| NV39ECAR | 1999 | CATOPLAT | 50 | |
| NV39ECAR | 1999 | RHINOSCU | 61 | |
| NV39ECAR | 1998 | ONCOMYKI | 4 | |
| NV39ECAR | 1998 | SALMTRUT | 2 | |
| NV39ECAR | 1998 | PROSWILL | 9 | |
| NV39ECAR | 1998 | CATOPLAT | 29 | |
| NV39ECAR | 1998 | RHINOSCU | 36 | |
| NV41ECAR | 2001 | ONCOMYKI | 12 | |
| NV41ECAR | 2001 | SALMTRUT | 7 | |
| NV41ECAR | 2001 | PROSWILL | 28 | |
| NV41ECAR | 2001 | CATOPLAT | 31 | |
| NV41ECAR | 2001 | RICHEGRE | 21 | |
| NV41ECAR | 1999 | ONCOMYKI | 13 | |
| NV41ECAR | 1999 | SALMTRUT | 14 | |
| NV41ECAR | 1999 | PROSWILL | 21 | |
| NV41ECAR | 1999 | CATOPLAT | 52 | |
| NV41ECAR | 1999 | RICHEGRE | 2 | |
| NV41ECAR | 1999 | RHINOSCU | 21 | |
| NV41ECAR | 1998 | SALMTRUT | 4 | |
| NV41ECAR | 1998 | PROSWILL | 2 | |
| NV41ECAR | 1998 | CATOPLAT | 21 | |
| NV41ECAR | 1998 | RHINOSCU | 20 | |
| NV41ECAR | 1997 | ONCOMYKI | 1 | |
| NV41ECAR | 1997 | SALMTRUT | 4 | |
| NV41ECAR | 1997 | PROSWILL | 1 | |
| NV41ECAR | 1997 | CATOPLAT | 5 | |
| NV41ECAR | 1997 | RHINOSCU | 3 | |
| NV41ECAR | 1996 | ONCOMYKI | 1 | |
| NV41ECAR | 1996 | SALMTRUT | 11 | |
| NV41ECAR | 1996 | PROSWILL | 1 | |
| NV41ECAR | 1996 | CATOPLAT | 16 | |
| NV41ECAR | 1996 | RHINOSCU | 16 | |
| NV41ECAR | 1995 | ONCOMYKI | 1 | |

| Site (RM) | Year | Species | Count | %ANOMALIES |
|-----------|------|----------|-------|------------|
| NV41ECAR | 1995 | SALMTRUT | 13 | |
| NV41ECAR | 1995 | PROSWILL | 4 | |
| NV41ECAR | 1995 | CATOPLAT | 9 | |
| NV41ECAR | 1995 | RHINOSCU | 3 | |
| NV41ECAR | 1994 | ONCOMYKI | 5 | |
| NV41ECAR | 1994 | SALMTRUT | 21 | |
| NV41ECAR | 1994 | PROSWILL | 1 | |
| NV41ECAR | 1994 | CATOPLAT | 30 | |
| NV41ECAR | 1994 | RICHEGRE | 1 | |
| NV41ECAR | 1994 | RHINOSCU | 12 | |
| NV41ECAR | 1994 | CATOTAHO | 3 | |
| NV41ECAR | 1993 | SALMTRUT | 8 | |
| NV41ECAR | 1993 | PROSWILL | 3 | |
| NV41ECAR | 1993 | CATOPLAT | 21 | |
| NV41ECAR | 1993 | RICHEGRE | 12 | |
| NV41ECAR | 1993 | RHINOSCU | 5 | |
| NV41ECAR | 1993 | CATOTAHO | 1 | |
| NV43ECAR | 2001 | ONCOMYKI | 1 | |
| NV43ECAR | 2001 | SALMTRUT | 11 | |
| NV43ECAR | 2001 | PROSWILL | 19 | |
| NV43ECAR | 2001 | CATOPLAT | 29 | |
| NV43ECAR | 2001 | COTTBELD | 1 | |
| NV43ECAR | 1999 | ONCOMYKI | 6 | |
| NV43ECAR | 1999 | SALMTRUT | 42 | |
| NV43ECAR | 1999 | PROSWILL | 6 | |
| NV43ECAR | 1999 | CATOPLAT | 39 | |
| NV43ECAR | 1999 | COTTBELD | 1 | |
| NV43ECAR | 1999 | RHINOSCU | 64 | |
| NV43ECAR | 1999 | ONCOCLAR | 16 | |
| NV47ECAR | 2001 | ONCOMYKI | 25 | |
| NV47ECAR | 2001 | SALMTRUT | 22 | |
| NV47ECAR | 2001 | PROSWILL | 227 | |
| NV47ECAR | 2001 | CATOPLAT | 77 | |
| NV47ECAR | 2001 | RICHEGRE | 10 | |
| NV47ECAR | 2001 | RHINOSCU | 23 | |
| NV47ECAR | 1999 | ONCOMYKI | 4 | |
| NV47ECAR | 1999 | SALMTRUT | 25 | |
| NV47ECAR | 1999 | PROSWILL | 20 | |
| NV47ECAR | 1999 | CATOPLAT | 145 | |
| NV47ECAR | 1999 | RICHEGRE | 10 | |
| NV47ECAR | 1999 | RHINOSCU | 11 | |
| NV47ECAR | 1997 | ONCOMYKI | 13 | |
| NV47ECAR | 1997 | SALMTRUT | 10 | |
| NV47ECAR | 1997 | PROSWILL | 5 | |
| NV47ECAR | 1997 | CATOPLAT | 6 | |
| NV47ECAR | 1997 | ONCOCLAR | 2 | |
| NV47ECAR | 1997 | RHINOSCU | 8 | |
| NV47ECAR | 1996 | ONCOMYKI | 4 | |
| NV47ECAR | 1996 | SALMTRUT | 8 | |
| NV47ECAR | 1996 | PROSWILL | 28 | |
| NV47ECAR | 1996 | CATOPLAT | 27 | |
| NV47ECAR | 1996 | RHINOSCU | 8 | |
| NV47ECAR | 1995 | ONCOMYKI | 2 | |

| Site (RM) | Year | Species | Count | %ANOMALIES |
|-----------|------|----------|-------|------------|
| NV47ECAR | 1995 | SALMTRUT | 14 | |
| NV47ECAR | 1995 | PROSWILL | 6 | |
| NV47ECAR | 1995 | CATOPLAT | 10 | |
| NV47ECAR | 1995 | RHINOSCU | 2 | |
| NV47ECAR | 1994 | ONCOMYKI | 8 | |
| NV47ECAR | 1994 | SALMTRUT | 13 | |
| NV47ECAR | 1994 | PROSWILL | 7 | |
| NV47ECAR | 1994 | CATOPLAT | 89 | |
| NV47ECAR | 1994 | RHINOSCU | 31 | |
| NV47ECAR | 1994 | CATOTAHO | 6 | |
| NV47ECAR | 1994 | RICHEGRE | 20 | |
| NV47ECAR | 1994 | ONCOMYKI | 1 | |
| NV47ECAR | 1994 | SALMTRUT | 1 | |
| NV47ECAR | 1994 | CATOPLAT | 2 | |
| NV47ECAR | 1994 | RHINOSCU | 9 | |
| NV47ECAR | 1994 | CATOTAHO | 8 | |
| NV47ECAR | 1994 | RICHEGRE | 55 | |
| NV39ECAR | 2003 | ONCOMYKI | 5 | |
| NV39ECAR | 2003 | SALMTRUT | 2 | |
| NV39ECAR | 2003 | PROSWILL | 14 | |
| NV39ECAR | 2003 | CATOPLAT | 48 | |
| NV39ECAR | 2003 | RHINOSCU | 29 | |
| NV41ECAR | 2003 | ONCOMYKI | 8 | |
| NV41ECAR | 2003 | SALMTRUT | 24 | |
| NV41ECAR | 2003 | PROSWILL | 11 | |
| NV41ECAR | 2003 | CATOPLAT | 87 | |
| NV41ECAR | 2003 | RICHEGRE | 9 | |
| NV41ECAR | 2003 | RHINOSCU | 38 | |
| NV43ECAR | 2003 | ONCOMYKI | 2 | |
| NV43ECAR | 2003 | SALMTRUT | 17 | |
| NV43ECAR | 2003 | PROSWILL | 36 | |
| NV43ECAR | 2003 | CATOPLAT | 88 | |
| NV43ECAR | 2003 | RICHEGRE | 1 | |
| NV43ECAR | 2003 | RHINOSCU | 44 | |
| NV44WWAL | 1997 | SALMTRUT | 19 | |
| NV44WWAL | 1997 | ONCOMYKI | 6 | |
| NV44WWAL | 1997 | PROSWILL | 3 | |
| NV44WWAL | 1997 | RICHEGRE | 34 | |
| NV44WWAL | 1997 | CATOTAHO | 3 | |
| NV44WWAL | 1997 | CATOPLAT | 2 | |
| NV44WWAL | 1995 | SALMTRUT | 42 | |
| NV44WWAL | 1995 | ONCOMYKI | 1 | |
| NV44WWAL | 1995 | PROSWILL | 11 | |
| NV44WWAL | 1995 | RICHEGRE | 66 | |
| NV44WWAL | 1995 | CATOTAHO | 19 | |
| NV44WWAL | 1995 | CATOPLAT | 1 | |
| NV44WWAL | 1995 | RHINOSCU | 3 | |
| NV44WWAL | 1995 | GILABICO | 12 | |
| NV44WWAL | 1994 | SALMTRUT | 41 | |
| NV44WWAL | 1994 | ONCOMYKI | 3 | |
| NV44WWAL | 1994 | PROSWILL | 7 | |
| NV44WWAL | 1994 | MICRSALM | 3 | |
| NV44WWAL | 1994 | CATOTAHO | 2 | |

| Site (RM) | Year | Species | Count | %ANOMALIES |
|-----------|------|----------|-------|------------|
| NV44WWAL | 1994 | CATOPLAT | 2 | |
| NV44WWAL | 1994 | RHINOSCU | 1 | |
| NV44WWAL | 1994 | GILABICO | 22 | |
| NV44WWAL | 1994 | CYPRCARP | 2 | |
| NV44WWAL | 1993 | SALMTRUT | 5 | |
| NV44WWAL | 1993 | ONCOMYKI | 5 | |
| NV44WWAL | 1993 | PROSWILL | 13 | |
| NV44WWAL | 1993 | RICHEGRE | 14 | |
| NV44WWAL | 1993 | CATOTAHO | 5 | |
| NV44WWAL | 1993 | CATOPLAT | 3 | |
| NV44WWAL | 1993 | RHINOSCU | 10 | |
| NV44WWAL | 1993 | CYPRCARP | 2 | |
| NV59WWAL | 1997 | SALMTRUT | 23 | |
| NV59WWAL | 1997 | ONCOMYKI | 13 | |
| NV59WWAL | 1997 | PROSWILL | 11 | |
| NV59WWAL | 1997 | CATOTAHO | 3 | |
| NV59WWAL | 1997 | CATOPLAT | 9 | |
| NV59WWAL | 1997 | RHINOSCU | 1 | |
| NV59WWAL | 1994 | SALMTRUT | 7 | |
| NV59WWAL | 1994 | RICHEGRE | 2 | |
| NV59WWAL | 1994 | GILABICO | 2 | |
| NV59WWAL | 1994 | CATOTAHO | 34 | |
| NV59WWAL | 1994 | CATOPLAT | 69 | |
| NV59WWAL | 1994 | RHINOSCU | 2 | |
| NV59WWAL | 1993 | SALMTRUT | 12 | |
| NV59WWAL | 1993 | RICHEGRE | 5 | |
| NV59WWAL | 1993 | ONCOMYKI | 3 | |
| NV59WWAL | 1993 | CATOTAHO | 13 | |
| NV59WWAL | 1993 | RHINOSCU | 8 | |
| NV58WWAL | 1993 | CYPRCARP | 1 | |
| NV58WWAL | 1993 | SALMTRUT | 1 | |
| NV58WWAL | 1993 | ONCOMYKI | 1 | |
| NV58WWAL | 1993 | RICHEGRE | 12 | |
| NV58WWAL | 1993 | CATOTAHO | 4 | |
| NV58WWAL | 1993 | CATOPLAT | 3 | |
| NV58WWAL | 1993 | RHINOSCU | 66 | |
| NV33EWAL | 2003 | SALMTRUT | 106 | |
| NV33EWAL | 2003 | ONCOMYKI | 10 | |
| NV33EWAL | 2003 | PROSWILL | 20 | |
| NV33EWAL | 2003 | RICHEGRE | 16 | |
| NV33EWAL | 2003 | CATOTAHO | 15 | |
| NV33EWAL | 2003 | CATOPLAT | 8 | |
| NV33EWAL | 2003 | RHINOSCU | 4 | |
| NV33EWAL | 2003 | CYPRCARP | 1 | |
| NV33EWAL | 2002 | SALMTRUT | 104 | |
| NV33EWAL | 2002 | ONCOMYKI | 11 | |
| NV33EWAL | 2002 | PROSWILL | 28 | |
| NV33EWAL | 2002 | RICHEGRE | 28 | |
| NV33EWAL | 2002 | CATOTAHO | 62 | |
| NV33EWAL | 2002 | RHINOSCU | 3 | |
| NV33EWAL | 2001 | SALMTRUT | 27 | |
| NV33EWAL | 2001 | ONCOMYKI | 6 | |
| NV33EWAL | 2001 | PROSWILL | 6 | |

| Site (RM) | Year | Species | Count | %ANOMALIES |
|------------------|-------------|----------------|--------------|-------------------|
| NV33EWAL | 2001 | RICHEGRE | 6 | |
| NV33EWAL | 2001 | CATOTAHO | 8 | |
| NV33EWAL | 2001 | CATOPLAT | 1 | |

Appendix B. IBI Application Data Set from the Truckee River.

| RIVER MILE (from L.. Tahoe) | Site Name | Date Sampled | Species | Number Collected | Avg Length (in) | Size Range (in) |
|-----------------------------|----------------------|--------------------------|--------------------|------------------|-----------------|-----------------|
| 47 | Stateline | 9/16/1981 | Rainbow Trout | 16.00 | 3 | |
| | Stateline | 9/16/1981 | Brown Trout | 9.00 | 3.67 | |
| | Stateline | 9/16/1981 | Mountain Whitefish | 32.00 | 5.28 | |
| | Stateline | 9/16/1981 | Paiute Sculpin | 72.00 | 2.43 | |
| | Stateline | 10/22/1981 | Rainbow Trout | 19.00 | 3.07 | |
| | Stateline | 10/22/1981 | Brown Trout | 6.00 | 4.16 | |
| | Stateline | 10/22/1981 | Mountain Whitefish | 10.00 | 6.25 | |
| | Stateline | 10/22/1981 | Paiute Sculpin | 44.00 | 2.82 | |
| | Stateline | 10/8/1993 | Brown Trout | 9.00 | 9.14 | 8.2-9.9 |
| | Stateline | 10/8/1993 | Rainbow Trout | 4.00 | 11.58 | 10.7-12.9 |
| | Stateline | 10/8/1993 | Mountain Whitefish | 27.00 | 5.5 | 4.4-6.1 |
| | Stateline | 10/8/1993 | Paiute Sculpin | 3.00 | 3.56 | 2.1-4.5 |
| | Stateline | 10/8/1993 | Tahoe Sucker | 2.00 | 4.5 | 3.8-5.2 |
| | Stateline | 10/20/1991 | Rainbow Trout | 31.00 | 7.16 | 2.6-14.3 |
| | Stateline | 10/20/1991 | Brown Trout | 7.00 | 7 | 3.4-11.2 |
| | Stateline | 10/20/1991 | Mountain Whitefish | 37.00 | 6.11 | 3.9-11.3 |
| | Stateline | 10/20/1991 | Paiute Sculpin | 8.00 | 3.48 | 3.0-4.5 |
| | Stateline | 10/20/1991 | Tahoe Sucker | 8.00 | 5.96 | 4.9-7.8 |
| Stateline | 10/20/1991 | Lahontan Mountain Sucker | 3.00 | 4.9 | 4.2-5.4 | |
| 48 | Upper Trophy Section | 8/8/1990 | Rainbow Trout | 15.00 | 7.46 | 3.2-9.8 |
| | Upper Trophy Section | 8/8/1990 | Brown Trout | 9.00 | 7.61 | 3.4-12.0 |
| | Upper Trophy Section | 8/8/1990 | Mountain Whitefish | 34.00 | 4.76 | 3.8-15.0 |
| | Upper Trophy Section | 8/8/1990 | Paiute Sculpin | 9.00 | 3.29 | 2.8-3.6 |
| | Upper Trophy Section | 10/28/1989 | Brown Trout | 13.00 | 10.69 | 3.9-21.3 |
| | Upper Trophy | 10/28/1989 | Rainbow Trout | 12.00 | 8.31 | 3.2-15.6 |

RIVER
MILE
(from L..
Tahoe)

| Site Name | Date Sampled | Species | Number Collected | Avg Length (in) | Size Range (in) |
|----------------------|--------------|--------------------------|------------------|-----------------|-----------------|
| Section | | | | | |
| Upper Trophy Section | 10/28/1989 | Mountain Whitefish | 4.00 | 10.73 | 5.7-16.5 |
| Upper Trophy Section | 10/28/1989 | Paiute Sculpin | 3.00 | 3.9 | 3.5-4.5 |
| Upper Trophy Section | 9/28/1996 | Brown Trout | 4.00 | 8.68 | 4.0-11.2 |
| Upper Trophy Section | 9/28/1996 | Rainbow Trout | 2.00 | 7.7 | 2.8-12.6 |
| Upper Trophy Section | 9/28/1996 | Lahontan Cutthroat Trout | 1.00 | 7.2 | -- |
| Upper Trophy Section | 9/28/1996 | Mountain Whitefish | 16.00 | 8.7 | 5.4-12.3 |
| Upper Trophy Section | 9/28/1996 | Paiute Sculpin | 4.00 | 2.9 | 1.5-3.6 |
| Upper Trophy Section | 10/7/1995 | Rainbow Trout | 6.00 | 8.67 | 3.3-10.5 |
| Upper Trophy Section | 10/7/1995 | Brown Trout | 1.00 | 9.5 | -- |
| Upper Trophy Section | 10/7/1995 | Mountain Whitefish | 12.00 | 5.7 | 4.8-10.2 |
| Upper Trophy Section | 10/7/1995 | Paiute Sculpin | 15.00 | 3.48 | 3.0-4.3 |
| Upper Trophy Section | 10/7/1995 | Lahontan Mountain Sucker | 3.00 | 4.57 | 3.3-5.2 |
| 48 Trophy Section | 10/1/1983 | Rainbow Trout | 15.00 | 8.43 | 2.8-10.4 |
| Trophy Section | 10/1/1983 | Brown Trout | 17.00 | 6.25 | 3.7-11.4 |
| Trophy Section | 10/1/1983 | Mountain Whitefish | 21.00 | 7.56 | 5.2-13.6 |
| Trophy Section | 10/1/1983 | Paiute Sculpin | 15.00 | 3.34 | 2.9-4.2 |
| Trophy Section | 10/1/1984 | Rainbow Trout | 74.00 | 6.74 | 2.7-13.5 |
| Trophy Section | 10/1/1985 | Brown Trout | 35.00 | 7.71 | 3.3-14.1 |
| Trophy Section | 10/1/1985 | Mountain Whitefish | 34.00 | 8.72 | 4.3-13.6 |
| Trophy Section | 10/1/1985 | Brook Trout | 1.00 | 3.5 | -- |
| Trophy Section | 10/1/1985 | Lahontan Cutthroat Trout | 1.00 | 12.4 | -- |
| Trophy Section | 10/1/1985 | Paiute Sculpin | 72.00 | 2.31 | 1.5-3.9 |

RIVER
MILE
(from L..
Tahoe)

| Site Name | Date Sampled | Species | Number Collected | Avg Length (in) | Size Range (in) |
|----------------------|--------------|--------------------------|------------------|-----------------|-----------------|
| Trophy Section | 10/1/1985 | Tahoe Sucker | 2.00 | 1.9 | 1.8-2.0 |
| Trophy Section | 10/1/1985 | Rainbow Trout | 43.00 | 7.66 | 2.5-13.4 |
| Trophy Section | 10/1/1985 | Brown Trout | 16.00 | 7.2 | 3.9-12.7 |
| Trophy Section | 10/1/1985 | Mountain Whitefish | 12.00 | 5.98 | 4.5-14.1 |
| Trophy Section | 10/1/1985 | Paiute Sculpin | 58.00 | 3.24 | 1.9-4.7 |
| Trophy Section | 10/1/1985 | Tahoe Sucker | 1.00 | 7.3 | -- |
| Trophy Section | 10/1/1986 | Rainbow Trout | 14.00 | 6.3 | 2.7-9.4 |
| Trophy Section | 10/1/1986 | Mountain Whitefish | 8.00 | 11.1 | 9.1-14.1 |
| Trophy Section | 10/1/1986 | Brown Trout | 5.00 | 9 | 7.3-14.5 |
| Trophy Section | 10/1/1986 | Paiute Sculpin | 6.00 | 3.27 | 1.8-3.9 |
| Trophy Section | 10/1/1987 | Rainbow Trout | 30.00 | 8.09 | 2.4-11.7 |
| Trophy Section | 10/1/1987 | Brown Trout | 11.00 | 6.92 | 3.2-13.0 |
| Trophy Section | 10/1/1987 | Mountain Whitefish | 37.00 | 7.55 | 4.0-15.9 |
| Trophy Section | 10/1/1987 | Paiute Sculpin | 11.00 | 3.4 | 3.0-4.2 |
| Trophy Section | 10/1/1987 | Tahoe Sucker | 1.00 | 6.9 | -- |
| Trophy Section | 8/17/1998 | Rainbow Trout | 34.00 | 3.61 | 1.8-8.5 |
| Trophy Section | 8/17/1998 | Brown Trout | 29.00 | 4.26 | 2.3-13.5 |
| Trophy Section | 8/17/1998 | Mountain Whitefish | 2.00 | 3.4 | 3.2-3.6 |
| Trophy Section | 8/17/1998 | Paiute Sculpin | 33.00 | 2.74 | 0.8-4.3 |
| Trophy Section | 8/17/1998 | Tahoe Sucker | 4.00 | 3.93 | 2.9-6.7 |
| Trophy Section | 8/17/1998 | Lahontan Mountain Sucker | 1.00 | 8 | -- |
| Trophy Section | 6/9/1988 | Brown Trout | 6.00 | 5.92 | 5.4-6.5 |
| Trophy Section | 6/9/1988 | Rainbow Trout | 4.00 | 4.8 | 4.3-5.4 |
| Trophy Section | 6/9/1988 | Mountain Whitefish | 1.00 | 2.1 | -- |
| Trophy Section | 6/9/1988 | Paiute Sculpin | 7.00 | 2.91 | 2.5-3.3 |
| Trophy Section | 10/14/1988 | Rainbow Trout | 17.00 | 8.29 | 3.6-10.8 |
| Trophy Section | 10/14/1988 | Brown Trout | 6.00 | 6.9 | 5.3-8.3 |
| Trophy Section | 10/14/1988 | Mountain Whitefish | 2.00 | 4.7 | 4.4-5.0 |
| Trophy Section | 10/18/1988 | Paiute Sculpin | 26.00 | 3.13 | 2.4-3.8 |
| | | | | | |
| 50 Crystal Peak Park | 10/16/2002 | Brown Trout | 10.00 | 7.36 | 3.39-10.1 |
| Crystal Peak Park | 10/16/2002 | Rainbow Trout | 5.00 | 6.56 | 3.7-10.9 |
| Crystal Peak Park | 10/16/2002 | Mountain Whitefish | 1.00 | 4.56 | -- |

RIVER
MILE
(from L..
Tahoe)

| Site Name | Date Sampled | Species | Number Collected | Avg Length (in) | Size Range (in) |
|-------------------|--------------|--------------------------|------------------|-----------------|-----------------|
| Crystal Peak Park | 10/16/2002 | Paiute Sculpin | 5.00 | 3.52 | 3.27-3.7 |
| Crystal Peak Park | 10/16/2002 | Tahoe Sucker | 7.00 | 2.84 | 1.81-3.39 |
| Crystal Peak Park | 10/12/2000 | Brown Trout | 4.00 | 8.6 | 8.0-9.5 |
| Crystal Peak Park | 10/12/2000 | Rainbow Trout | 5.00 | 6.9 | 3.8-12.5 |
| Crystal Peak Park | 10/12/2000 | Mountain Whitefish | 14.00 | 6 | 5.2-7.0 |
| Crystal Peak Park | 10/12/2000 | Paiute Sculpin | 5.00 | 2.7 | 1.2-3.6 |
| Crystal Peak Park | 10/12/2000 | Lahontan Mountain Sucker | 2.00 | 3.7 | 3.6-3.8 |
| Crystal Peak Park | 10/12/2000 | Crayfish | 1.00 | 3 | -- |
| Crystal Peak Park | 10/27/1999 | Brown Trout | 10.00 | 6.4 | 2.8-15.1 |
| Crystal Peak Park | 10/27/1999 | Rainbow Trout | 4.00 | 6.8 | 3.3-15.5 |
| Crystal Peak Park | 10/27/1999 | Mountain Whitefish | 5.00 | 5.4 | 4.4-6.2 |
| Crystal Peak Park | 10/27/1999 | Paiute Sculpin | 14.00 | 2.7 | 1.5-3.7 |
| Crystal Peak Park | 10/27/1999 | Tahoe Sucker | 1.00 | 4.2 | -- |
| Crystal Peak Park | 8/7/1997 | Brown Trout | 24.00 | 4.4 | 2.7-6.2 |
| Crystal Peak Park | 8/7/1997 | Lahontan Cutthroat Trout | 10.00 | 6.93 | 6.0-8.2 |
| Crystal Peak Park | 8/7/1997 | Rainbow Trout | 3.00 | 8.47 | 6.5-11.2 |
| Crystal Peak Park | 8/7/1997 | Paiute Sculpin | 4.00 | 2.45 | 1.2-3.4 |
| Crystal Peak Park | 8/7/1997 | Tahoe Sucker | 2.00 | 6.95 | 6.1-7.8 |
| Crystal Peak Park | 8/7/1997 | Lahontan Mountain Sucker | 2.00 | 4.85 | 4.2-5.5 |
| Crystal Peak Park | 11/6/2001 | Brown Trout | 6.00 | 4.7 | 3.5-8.2 |
| Crystal Peak Park | 11/6/2001 | Rainbow Trout | 5.00 | 4.5 | 3.5-5.5 |
| Crystal Peak Park | 11/6/2001 | Paiute Sculpin | 21.00 | 3.2 | 2.4-3.9 |
| Crystal Peak Park | 11/6/2001 | Lahontan Mountain Sucker | 10.00 | 3.7 | 3.1-4.6 |
| Crystal Peak Park | 11/6/2001 | Tahoe Sucker | 4.00 | 4.3 | 3.7-5.0 |
| 51 Verdi Hatchery | 10/12/1998 | Brown Trout | 10.00 | 8.65 | 3.9-15.4 |
| Verdi Hatchery | 10/12/1998 | Rainbow Trout | 5.00 | 7.16 | 5.3-9.9 |
| Verdi Hatchery | 10/12/1998 | Mountain Whitefish | 1.00 | 12 | -- |
| Verdi Hatchery | 10/12/1998 | Paiute Sculpin | 1.00 | 1.2 | -- |

RIVER
MILE
(from L..
Tahoe)

| Site Name | Date Sampled | Species | Number Collected | Avg Length (in) | Size Range (in) |
|----------------|--------------|--------------------------|------------------|-----------------|-----------------|
| Verdi Hatchery | 10/12/1998 | Lahontan Mountain Sucker | 1.00 | 7 | -- |
| Verdi Hatchery | 10/18/1997 | Rainbow Trout | 23.00 | 8.77 | 3.3-12.9 |
| Verdi Hatchery | 10/18/1997 | Brown Trout | 11.00 | 7.64 | 3.5-12.6 |
| Verdi Hatchery | 10/18/1997 | Lahontan Cutthroat Trout | 3.00 | 8.7 | 7.8-9.5 |
| Verdi Hatchery | 10/18/1997 | Paiute Sculpin | 11.00 | 2.53 | 1.9-3.6 |
| Verdi Hatchery | 9/28/1996 | Rainbow Trout | 21.00 | 7.7 | 4.1-10.0 |
| Verdi Hatchery | 9/28/1996 | Brown Trout | 12.00 | 6.32 | 3.6-12.9 |
| Verdi Hatchery | 9/28/1996 | Lahontan Cutthroat Trout | 1.00 | 11.2 | -- |
| Verdi Hatchery | 9/28/1996 | Mountain Whitefish | 23.00 | 4.95 | 4.4-5.7 |
| Verdi Hatchery | 9/28/1996 | Lahontan Mountain Sucker | 6.00 | 4.58 | 3.8-5.3 |
| Verdi Hatchery | 9/28/1996 | Tahoe Sucker | 2.00 | 4.95 | 4.8-5.1 |
| Verdi Hatchery | 9/28/1996 | Redside Shiner | 2.00 | 3.3 | 3.2-3.4 |
| Verdi Hatchery | 9/28/1996 | Paiute Sculpin | 1.00 | 4.5 | -- |
| Verdi Hatchery | 10/28/1996 | Mountain Whitefish | 100.00 | 5.78 | 3.2-11.2 |
| Verdi Hatchery | 9/28/1998 | Paiute Sculpin | 7.00 | 3.59 | 2.6-4.5 |
| Verdi Hatchery | 9/28/1996 | Tahoe Sucker | 2.00 | 5 | 5.0-5.0 |
| Verdi Hatchery | 10/7/1995 | Rainbow Trout | 5.00 | 6.34 | 3.2-9.6 |
| Verdi Hatchery | 10/7/1995 | Brown Trout | 3.00 | 8 | 6.5-10.2 |
| Verdi Hatchery | 10/7/1995 | Mountain Whitefish | 8.00 | 4.75 | 4.0-5.2 |
| Verdi Hatchery | 10/7/1995 | Lahontan Mountain Sucker | 2.00 | 2.85 | 2.8-2.9 |
| Verdi Hatchery | 10/7/1995 | Tahoe Sucker | 1.00 | 6.9 | -- |
| Verdi Hatchery | 9/30/1994 | Brown Trout | 19.00 | 6.64 | 4.2-10.6 |
| Verdi Hatchery | 9/30/1994 | Rainbow Trout | 8.00 | 7.66 | 6.2-8.7 |
| Verdi Hatchery | 9/30/1994 | Lahontan Cutthroat Trout | 2.00 | 9.4 | 8.5-10.3 |
| Verdi Hatchery | 9/30/1994 | Mountain Whitefish | 49.00 | 5.44 | 4.8-6.2 |
| Verdi Hatchery | 9/30/1994 | Tahoe Sucker | 56.00 | 4.05 | 1.5-5.6 |

RIVER
MILE
(from L..
Tahoe)

| Site Name | Date Sampled | Species | Number Collected | Avg Length (in) | Size Range (in) |
|----------------|--------------|--------------------------|------------------|-----------------|-----------------|
| Verdi Hatchery | 9/30/1994 | Speckled Dace | 21.00 | 2.23 | 1.7-2.7 |
| Verdi Hatchery | 9/30/1994 | Lahontan Mountain Sucker | 18.00 | 2.47 | 1.4-4.8 |
| Verdi Hatchery | 9/30/1994 | Paiute Sculpin | 3.00 | 2.4 | 1.9-3.0 |
| Verdi Hatchery | 10/8/1993 | Rainbow Trout | 8.00 | 8.93 | 7.3-10.3 |
| Verdi Hatchery | 10/8/1993 | Lahontan Cutthroat Trout | 3.00 | 8.4 | 7.2-9.2 |
| Verdi Hatchery | 10/8/1993 | Mountain Whitefish | 21.00 | 5.4 | 4.2-6.1 |
| Verdi Hatchery | 10/8/1993 | Lahontan Mountain Sucker | 6.00 | 3.77 | 2.7-4.4 |
| Verdi Hatchery | 10/8/1993 | Speckled Dace | 1.00 | 2.7 | -- |
| Verdi Hatchery | 10/8/1993 | Tahoe Sucker | 1.00 | 3.8 | -- |
| Verdi Hatchery | 6/25/1992 | Rainbow Trout | 26.00 | 7.86 | 6.2-10.2 |
| Verdi Hatchery | 6/25/1992 | Brown Trout | 16.00 | 4.81 | 3.8-7.7 |
| Verdi Hatchery | 6/25/1992 | Mountain Whitefish | 6.00 | 3.52 | 3.3-3.8 |
| Verdi Hatchery | 6/25/1992 | Paiute Sculpin | 3.00 | 3.83 | 3.6-4.2 |
| Verdi Hatchery | 6/25/1992 | Tahoe Sucker | 1.00 | 5.5 | -- |
| Verdi Hatchery | 6/25/1992 | Lahontan Mountain Sucker | 1.00 | 2.9 | -- |
| Verdi Hatchery | 9/4/1992 | Rainbow Trout | 22.00 | 8.17 | 5.9-11.5 |
| Verdi Hatchery | 9/4/1992 | Brown Trout | 16.00 | 5.63 | 4.8-6.3 |
| Verdi Hatchery | 9/4/1992 | Mountain Whitefish | 32.00 | 4.92 | 4.6-5.5 |
| Verdi Hatchery | 9/4/1992 | Lahontan Mountain Sucker | 11.00 | 3.5 | 3.1-4.2 |
| Verdi Hatchery | 9/4/1992 | Paiute Sculpin | 2.00 | 3.7 | 3.4-4.0 |
| Verdi Hatchery | 9/4/1992 | Tahoe Sucker | 1.00 | 3.6 | -- |
| Verdi Hatchery | 8/20/1991 | Brown Trout | 8.00 | 7.76 | 6.7-8.8 |
| Verdi Hatchery | 8/20/1991 | Rainbow Trout | 7.00 | 7.44 | 5.7-10.8 |
| Verdi Hatchery | 8/30/1991 | Mountain Whitefish | 38.00 | 4.18 | 3.7-4.5 |
| Verdi Hatchery | 8/20/1991 | Paiute Sculpin | 18.00 | 3.2 | 2.7-4.1 |
| Verdi Hatchery | 8/20/1991 | Lahontan Mountain Sucker | 10.00 | 4.42 | 3.5-5.2 |
| Verdi Hatchery | 8/20/1991 | Tahoe Sucker | 6.00 | 5.8 | 3.8-7.6 |
| Verdi Hatchery | 8/8/1990 | Brown Trout | 25.00 | 7.67 | 3.1-10.4 |

RIVER
MILE
(from L..
Tahoe)

| Site Name | Date Sampled | Species | Number Collected | Avg Length (in) | Size Range (in) |
|----------------|--------------|--------------------------|------------------|-----------------|-----------------|
| Verdi Hatchery | 8/8/1990 | Rainbow Trout | 18.00 | 7.47 | 5.1-9.9 |
| Verdi Hatchery | 8/8/1990 | Mountain Whitefish | 34.00 | 3.93 | 3.3-4.5 |
| Verdi Hatchery | 8/8/1990 | Paiute Sculpin | 24.00 | 3.02 | 2.4-4.2 |
| Verdi Hatchery | 8/8/1990 | Lahontan Mountain Sucker | 13.00 | 3.86 | 2.7-5.0 |
| Verdi Hatchery | 8/8/1990 | Tahoe Sucker | 4.00 | 4.38 | 2.9-5.9 |
| Verdi Hatchery | 10/25/1989 | Brown Trout | 26.00 | 5.07 | 2.8-12.2 |
| Verdi Hatchery | 10/25/1989 | Rainbow Trout | 29.00 | 3.66 | 2.5-9.5 |
| Verdi Hatchery | 10/28/1989 | Tahoe Sucker | 19.00 | 3.48 | 2.2-4.2 |
| Verdi Hatchery | 10/25/1989 | Lahontan Mountain Sucker | 4.00 | 3.03 | 2.8-3.4 |
| Verdi Hatchery | 10/25/1989 | Paiute Sculpin | 3.00 | 3.2 | 2.1-4.0 |
| Verdi Hatchery | 10/25/1989 | Speckled Dace | 3.00 | 2.43 | 2.3-2.6 |
| Verdi Hatchery | 6/9/1988 | Rainbow Trout | 9.00 | 5.83 | 4.3-8.8 |
| Verdi Hatchery | 6/9/1988 | Brown Trout | 5.00 | 6.6 | 5.5-8.5 |
| Verdi Hatchery | 6/9/1988 | Mountain Whitefish | 5.00 | 2.18 | 2.1-2.2 |
| Verdi Hatchery | 6/9/1988 | Paiute Sculpin | 31.00 | 2.81 | 2.1-3.5 |
| Verdi Hatchery | 6/9/1988 | Tahoe Sucker | 5.00 | 4.18 | 3.8-4.5 |
| Verdi Hatchery | 10/14/1988 | Rainbow Trout | 21.00 | 8.1 | 4.5-10.7 |
| Verdi Hatchery | 10/14/1988 | Mountain Whitefish | 14.00 | 5.29 | 4.4-6.3 |
| Verdi Hatchery | 10/14/1988 | Brown Trout | 5.00 | 7.52 | 4.9-11.1 |
| Verdi Hatchery | 10/14/1988 | Paiute Sculpin | 8.00 | 3.21 | 2.3-4.0 |
| Verdi Hatchery | 10/14/1988 | Lahontan Mountain Sucker | 1.00 | 5.8 | -- |
| Verdi Hatchery | 10/1/1987 | Brown Trout | 15.00 | 5.73 | 3.2-9.0 |
| Verdi Hatchery | 10/1/1987 | Rainbow Trout | 9.00 | 6.17 | 5.8-9.5 |
| Verdi Hatchery | 10/1/1987 | Mountain Whitefish | 5.00 | 4 | 3.7-4.2 |
| Verdi Hatchery | 10/1/1987 | Paiute Sculpin | 7.00 | 3.24 | 2.6-3.9 |
| Verdi Hatchery | 10/1/1987 | Lahontan Mountain Sucker | 2.00 | 5.65 | 5.6-5.7 |
| Verdi Hatchery | 10/1/1986 | Rainbow Trout | 12.00 | 5.68 | 3.6-9.1 |
| Verdi Hatchery | 10/1/1986 | Brown Trout | 8.00 | 7.4 | 4.4-8.8 |
| Verdi Hatchery | 10/1/1986 | Paiute Sculpin | 13.00 | 3.35 | 2.7-4.2 |

RIVER
MILE
(from L..
Tahoe)

| Site Name | Date Sampled | Species | Number Collected | Avg Length (in) | Size Range (in) |
|-----------------------|--------------|--------------------------|------------------|-----------------|-----------------|
| Verdi Hatchery | 10/1/1986 | Lahontan Mountain Sucker | 1.00 | 5.1 | -- |
| Verdi Hatchery | 10/1/1984 | Mountain Whitefish | 101.00 | 8.52 | 4.0-15.2 |
| Verdi Hatchery | 10/1/1985 | Rainbow Trout | 46.00 | 7.58 | 3.1-12.6 |
| Verdi Hatchery | 10/1/1984 | Brown Trout | 36.00 | 9.6 | 3.8-15.3 |
| Verdi Hatchery | 10/1/1984 | Paiute Sculpin | 100.00 | 3.25 | 1.8-4.1 |
| Verdi Hatchery | 10/1/1985 | Tahoe Sucker | 1.00 | 8.9 | -- |
| Verdi Hatchery | 10/1/1983 | Brook Trout | 1.00 | 11.8 | -- |
| Verdi Hatchery | 10/1/1983 | Rainbow Trout | 15.00 | 6.63 | 3.6-8.5 |
| Verdi Hatchery | 10/1/1983 | Brown Trout | 2.00 | 5.8 | 4.3-7.3 |
| Verdi Hatchery | 10/1/1983 | Mountain Whitefish | 2.00 | 4.75 | 4.3-5.2 |
| Verdi Hatchery | 10/1/1983 | Lahontan Mountain Sucker | 3.00 | 5.47 | 4.5-6.2 |
| Verdi Hatchery | 10/1/1983 | Tahoe Sucker | 3.00 | 6.53 | 4.5-8.2 |
| Verdi Hatchery | 10/1/1983 | Paiute Sculpin | 16.00 | 2.93 | 1.8-3.6 |
| Verdi Hatchery | 9/15/1981 | Lahontan Cutthroat Trout | 2.00 | 4.5 | |
| Verdi Hatchery | 9/15/1981 | Mountain Whitefish | 1.00 | 4.2 | |
| Verdi Hatchery | 9/15/1981 | Tahoe Sucker | 6.00 | 5.85 | |
| Verdi Hatchery | 9/15/1981 | Lahontan Mountain Sucker | 4.00 | 4.8 | |
| Verdi Hatchery | 9/15/1981 | Redside Shiner | 1.00 | 3.2 | |
| Verdi Hatchery | 9/15/1981 | Paiute Sculpin | 1.00 | 3.2 | |
| Verdi Hatchery | 10/23/1981 | Rainbow Trout | 16.00 | 4.05 | |
| Verdi Hatchery | 10/23/1981 | Brown Trout | 3.00 | 4.67 | |
| Verdi Hatchery | 10/23/1981 | Lahontan Cutthroat Trout | 2.00 | 5.78 | |
| Verdi Hatchery | 10/23/1981 | Brook Trout | 1.00 | 3.9 | |
| Verdi Hatchery | 10/23/1981 | Tahoe Sucker | 10.00 | 2.64 | |
| Verdi Hatchery | 10/23/1981 | Speckled Dace | 20.00 | 2.34 | |
| Verdi Hatchery | 10/23/1981 | Redside Shiner | 5.00 | 3.03 | |
| Verdi Hatchery | 10/23/1981 | Speckled Dace | 2.00 | 3.43 | |
| Below Verdi Power Dam | 10/28/1989 | Brown Trout | 8.00 | 10 | 8.4-15.4 |

49

RIVER
MILE
(from L..
Tahoe)

| | Site Name | Date Sampled | Species | Number Collected | Avg Length (in) | Size Range (in) |
|----|-----------------------|--------------|--------------------------|------------------|-----------------|-----------------|
| | Below Verdi Power Dam | 10/28/1989 | Rainbow Trout | 7.00 | 9.06 | 3.1-15.9 |
| | Below Verdi Power Dam | 10/28/1989 | Mountain Whitefish | 39.00 | 9.01 | 5.0-15.4 |
| 49 | Verdi Power Dam Pool | 11/6/2001 | Brown Trout | 82.00 | 5.8 | 3.0-13.2 |
| | Verdi Power Dam Pool | 11/6/2001 | Rainbow Trout | 63.00 | 9.2 | 2.5-17.9 |
| | Verdi Power Dam Pool | 11/6/2001 | Mountain Whitefish | 12.00 | 6 | 5.2-7.0 |
| | Verdi Power Dam Pool | 11/6/2001 | Tahoe Sucker | 9.00 | 4.7 | 3.4-6.6 |
| | Verdi Power Dam Pool | 11/6/2001 | Lahontan Mountain Sucker | 7.00 | 4 | 2.6-5.2 |
| | Verdi Power Dam Pool | 11/6/2001 | Redside Shiner | 2.00 | 3.4 | 2.9-3.8 |
| | Verdi Power Dam Pool | 11/6/2001 | Speckled Dace | 3.00 | 2.3 | 1.6-3.7 |
| 49 | Below Verdi Power Dam | 11/6/2001 | Brown Trout | 11.00 | 8 | 4.6-12.2 |
| | Below Verdi Power Dam | 11/6/2001 | Rainbow Trout | 11.00 | 9.6 | 3.4-12.7 |
| | Below Verdi Power Dam | 11/6/2001 | Mountain Whitefish | 11.00 | 11.9 | 4.0-16.0 |
| | Below Verdi Power Dam | 11/6/2001 | Paiute Sculpin | 23.00 | 3.2 | 2.4-3.9 |
| | Below Verdi Power Dam | 11/6/2001 | Lahontan Mountain Sucker | 5.00 | 4.1 | 3.7-4.9 |
| | Below Verdi Power Dam | 10/16/2002 | Brown Trout | 7.00 | 8.8 | 4.06-17.5 |
| | Below Verdi Power Dam | 10/16/2002 | Rainbow Trout | 3.00 | 9.08 | 3.46-12.6 |
| | Below Verdi Power Dam | 10/16/2002 | Mountain Whitefish | 8.00 | 5 | 4.29-5.51 |

RIVER
MILE
(from L..
Tahoe)

| Site Name | Date Sampled | Species | Number Collected | Avg Length (in) | Size Range (in) |
|----------------------------|--------------|--------------------------|------------------|-----------------|-----------------|
| Below Verdi Power Dam | 10/16/2002 | Paiute Sculpin | 11.00 | 3.76 | 3.19-5.04 |
| Below Verdi Power Dam | 10/16/2002 | Lahontan Mountain Sucker | 2.00 | 4.52 | 4.37-4.49 |
| Below Verdi Power Dam Pool | 10/17/2002 | Brown Trout | 41.00 | 9.84 | 4.65-14.6 |
| Below Verdi Power Dam Pool | 10/17/2002 | Rainbow Trout | 23.00 | 10.32 | 3.54-18.4 |
| Below Verdi Power Dam Pool | 10/17/2002 | Mountain Whitefish | 7.00 | 15.04 | 10.1-16.1 |
| Below Verdi Power Dam Pool | 10/17/2002 | Tahoe Sucker | 2.00 | 4.6 | 3.78-5.28 |
| Below Verdi Power Dam | 10/1/1983 | Rainbow Trout | 20.00 | 7.84 | 5.5-12.8 |
| Below Verdi Power Dam | 10/1/1983 | Brown Trout | 9.00 | 8.88 | 4.5-12.6 |
| Below Verdi Power Dam | 10/1/1983 | Mountain Whitefish | 25.00 | 7.09 | 4.5-12.2 |
| Below Verdi Power Dam | 10/1/1983 | Lahontan Mountain Sucker | 1.00 | 5 | -- |
| Below Verdi Power Dam | 10/1/1983 | Tahoe Sucker | 1.00 | 6.1 | -- |
| Below Verdi Power Dam | 10/1/1983 | Paiute Sculpin | 37.00 | 3.46 | 2.7-3.9 |
| Below Verdi Power Dam | 10/12/2000 | Brown Trout | 17.00 | 7.9 | 3.8-12.0 |
| Below Verdi Power Dam | 10/12/2000 | Rainbow Trout | 22.00 | 10.3 | 6.5-16.1 |
| Below Verdi Power Dam | 10/12/2000 | Mountain Whitefish | 16.00 | 7.3 | 4.4-13.6 |
| Below Verdi Power Dam | 10/12/2000 | Paiute Sculpin | 11.00 | 3 | 1.6-3.9 |
| Below Verdi Power Dam | 10/12/2000 | Lahontan Mountain Sucker | 1.00 | 5.5 | -- |

RIVER
MILE
(from L..
Tahoe)

| Site Name | Date Sampled | Species | Number Collected | Avg Length (in) | Size Range (in) |
|----------------------------|--------------|--------------------------|------------------|-----------------|-----------------|
| Below Verdi Power Dam Pool | 10/12/2000 | Brown Trout | 16.00 | 10.6 | 3.9-23.0 |
| Below Verdi Power Dam Pool | 10/12/2000 | Rainbow Trout | 10.00 | 8.9 | 3.9-12.2 |
| Below Verdi Power Dam | 10/12/2002 | Lahontan Cutthroat Trout | 1.00 | 10 | -- |
| Below Verdi Power Dam | 10/25/1999 | Brown Trout | 3.00 | 9.2 | 4.1-19.1 |
| Below Verdi Power Dam | 10/27/1999 | Rainbow Trout | 18.00 | 9.9 | 3.6-14.6 |
| Below Verdi Power Dam | 10/27/1999 | Mountain Whitefish | 25.00 | 9.8 | 4.9-14.4 |
| Below Verdi Power Dam | 10/27/1999 | Paiute Sculpin | 15.00 | 2.8 | 1.4-3.5 |
| Below Verdi Power Dam Pool | 10/27/1999 | Brown Trout | 2.00 | 22.7 | 20.2-25.2 |
| Below Verdi Power Dam Pool | 10/27/1999 | Rainbow Trout | 6.00 | 10.4 | 9.3-11.8 |
| Below Verdi Power Dam Pool | 10/27/1999 | Lahontan Cutthroat Trout | 1.00 | 8.9 | -- |
| Below Verdi Power Dam Pool | 10/27/1999 | Mountain Whitefish | 1.00 | 9.3 | -- |
| Below Verdi Power Dam | 10/12/1998 | Rainbow Trout | 7.00 | 4.61 | 3.1-8.2 |
| Below Verdi Power Dam | 10/12/1998 | Brown Trout | 5.00 | 7.54 | 3.2-12.0 |
| Below Verdi Power Dam | 10/12/1998 | Mountain Whitefish | 22.00 | 4.91 | 4.3-5.5 |
| Below Verdi Power Dam | 10/12/1998 | Paiute Sculpin | 12.00 | 2.79 | 1.5-3.4 |
| Below Verdi Power Dam | 10/12/1998 | Lahontan Mountain Sucker | 2.00 | 4.65 | 3.8-5.5 |
| Below Verdi Power Dam Pool | 8/7/1997 | Lahontan Cutthroat Trout | 4.00 | 8.53 | 7.3-9.7 |

RIVER
MILE
(from L..
Tahoe)

| | Site Name | Date Sampled | Species | Number Collected | Avg Length (in) | Size Range (in) |
|----|----------------------------|--------------|--------------------------|------------------|-----------------|-----------------|
| | Below Verdi Power Dam Pool | 8/7/1997 | Brown Trout | 3.00 | 15.7 | 5.6-23.5 |
| | Below Verdi Power Dam Pool | 8/7/1997 | Rainbow Trout | 1.00 | 12.7 | -- |
| | Below Verdi Power Dam Pool | 8/7/1997 | Lahontan Mountain Sucker | 8.00 | 5.8 | 3.1-7.2 |
| | Below Verdi Power Dam Pool | 8/7/1997 | Tahoe Sucker | 1.00 | 6.1 | -- |
| | Below Verdi Power Dam Pool | 8/7/1997 | Paiute Sculpin | 1.00 | 3.2 | -- |
| | Below Verdi Power Dam Pool | 8/7/1997 | Speckled Dace | 1.00 | 2.8 | -- |
| | Below Verdi Power Dam | 8/7/1997 | Lahontan Cutthroat Trout | 6.00 | 8.2 | 6.8-9.2 |
| | Below Verdi Power Dam | 8/7/1997 | Rainbow Trout | 6.00 | 8.83 | 3.2-10.6 |
| | Below Verdi Power Dam | 8/7/1997 | Brown Trout | 2.00 | 5.2 | 4.6-5.8 |
| | Below Verdi Power Dam | 8/7/1997 | Mountain Whitefish | 5.00 | 9.66 | 8.9-11.6 |
| | Below Verdi Power Dam | 8/7/1997 | Paiute Sculpin | 22.00 | 2.95 | 2.6-3.8 |
| | Below Verdi Power Dam | 8/7/1997 | Lahontan Mountain Sucker | 3.00 | 5.5 | 4.4-6.4 |
| 51 | Verdi Power Station | 8/7/1997 | Rainbow Trout | 5.00 | 3.04 | 2.9-3.3 |
| | Verdi Power Station | 8/7/1997 | Lahontan Cutthroat Trout | 1.00 | 8.1 | -- |
| | Verdi Power Station | 8/7/1997 | Paiute Sculpin | 4.00 | 3.15 | 3.1-3.2 |
| | Verdi Power Station | 8/7/1997 | Tahoe Sucker | 2.00 | 4.05 | 3.4-4.7 |
| | Verdi Power Station | 8/7/1997 | Lahontan Mountain Sucker | 1.00 | 4.9 | -- |
| 49 | Below Verdi Power Dam Pool | 10/18/1997 | Rainbow Trout | 12.00 | 10.5 | 8.4-13.9 |

RIVER
MILE
(from L..
Tahoe)

| | Site Name | Date Sampled | Species | Number Collected | Avg Length (in) | Size Range (in) |
|----|----------------------------|--------------|--------------------------|------------------|-----------------|-----------------|
| | Below Verdi Power Dam Pool | 10/18/1997 | Brown Trout | 10.00 | 12.5 | 6.9-20.7 |
| | Below Verdi Power Dam Pool | 10/18/1997 | Lahontan Cutthroat Trout | 10.00 | 9.68 | 8.9-11.4 |
| | Below Verdi Power Dam | 10/18/1997 | Rainbow Trout | 55.00 | 8.86 | 3.5-12.4 |
| | Below Verdi Power Dam | 10/18/1997 | Brown Trout | 10.00 | 10.77 | 7.1-14.2 |
| | Below Verdi Power Dam | 10/18/1997 | Lahontan Cutthroat Trout | 5.00 | 9.42 | 8.5-10.4 |
| | Below Verdi Power Dam | 10/18/1997 | Paiute Sculpin | 14.00 | 2.96 | 2.6-4.0 |
| | Below Verdi Power Dam | 10/18/1997 | Lahontan Mountain Sucker | 1.00 | 4.5 | -- |
| | Below Verdi Power Dam | 10/18/1997 | Tahoe Sucker | 1.00 | 6.2 | -- |
| 51 | Verdi Power Station | 9/24/1996 | Rainbow Trout | 8.00 | 8.13 | 6.2-12.5 |
| | Verdi Power Station | 9/24/1996 | Brown Trout | 6.00 | 7.87 | 5.9-12.8 |
| | Verdi Power Station | 9/24/1996 | Lahontan Cutthroat Trout | 1.00 | 9.8 | -- |
| | Verdi Power Station | 9/24/1996 | Mountain Whitefish | 4.00 | 5.85 | 5.4-6.2 |
| | Verdi Power Station | 9/24/1996 | Tahoe Sucker | 5.00 | 4.06 | 3.6-4.9 |
| | Verdi Power Station | 9/24/1996 | Paiute Sculpin | 4.00 | 4.4 | 3.6-4.8 |
| | Verdi Power Station | 9/24/1996 | Speckled Dace | 4.00 | 2.85 | 2.5-3.4 |
| | Verdi Power Station | 9/24/1996 | Lahontan Mountain Sucker | 1.00 | 4.8 | -- |
| 49 | Below Verdi Power Dam | 9/28/1996 | Rainbow Trout | 12.00 | 8.01 | 5.5-11.7 |
| | Below Verdi Power Dam | 9/28/1996 | Lahontan Cutthroat Trout | 6.00 | 10.32 | 9.1-11.3 |
| | Below Verdi Power Dam | 9/28/1996 | Brown Trout | 4.00 | 7.15 | 6.0-8.2 |
| | Below Verdi Power Dam | 9/28/1996 | Lahontan Cutthroat Trout | 15.00 | 9.69 | 8.0-11.6 |

RIVER
MILE
(from L..
Tahoe)

| Site Name | Date Sampled | Species | Number Collected | Avg Length (in) | Size Range (in) |
|----------------------------|--------------|--------------------------|------------------|-----------------|-----------------|
| Below Verdi Power Dam | 9/28/1996 | Rainbow Trout | 9.00 | 7.8 | 5.3-10.7 |
| Below Verdi Power Dam | 9/28/1996 | Brown Trout | 8.00 | 11.2 | 6.4-26.0 |
| Below Verdi Power Dam | 9/28/1996 | Mountain Whitefish | 29.00 | 13.48 | 12.5-15.8 |
| Below Verdi Power Dam | 9/28/1996 | Paiute Sculpin | 2.00 | 3.95 | 3.7-4.2 |
| Below Verdi Power Dam | 10/7/1995 | Rainbow Trout | 22.00 | 10.44 | 3.7-13.9 |
| Below Verdi Power Dam | 10/7/1995 | Brown Trout | 7.00 | 8.41 | 4.0-13.9 |
| Below Verdi Power Dam | 10/7/1995 | Lahontan Cutthroat Trout | 1.00 | 10.8 | -- |
| Below Verdi Power Dam | 10/7/1995 | Mountain Whitefish | 33.00 | 8.45 | 4.4-11.8 |
| Below Verdi Power Dam | 10/7/1995 | Paiute Sculpin | 33.00 | 4.1 | 4.0-4.2 |
| Below Verdi Power Dam | 10/7/1995 | Lahontan Mountain Sucker | 24.00 | 6.05 | 5.0-7.1 |
| Below Verdi Power Dam | 10/7/1995 | Tahoe Sucker | 23.00 | 6.95 | 6.0-7.8 |
| Below Verdi Power Dam Pool | 10/7/1995 | Rainbow Trout | 77.00 | 9.4 | 3.8-14.0 |
| Below Verdi Power Dam Pool | 10/7/1995 | Brown Trout | 39.00 | 8.86 | 3.9-19.7 |
| Below Verdi Power Dam Pool | 10/7/1995 | Lahontan Cutthroat Trout | 15.00 | 9.75 | 6.5-12.0 |
| Below Verdi Power Dam Pool | 10/7/1995 | Mountain Whitefish | 78.00 | 8.9 | 6.5-9.7 |
| Below Verdi Power Dam Pool | 10/7/1995 | Tahoe Sucker | 2.00 | 5.4 | 3.8-7.0 |
| Verdi Power Station | 10/11/1995 | Rainbow Trout | 18.00 | 7.82 | 3.7-11.1 |
| Verdi Power Station | 10/11/1995 | Brown Trout | 9.00 | 8.2 | 4.6-13.9 |

51

RIVER
MILE
(from L..
Tahoe)

| | Site Name | Date Sampled | Species | Number Collected | Avg Length (in) | Size Range (in) |
|----|----------------------------|--------------|--------------------------|------------------|-----------------|-----------------|
| | Verdi Power Station | 10/11/1995 | Lahontan Cutthroat Trout | 1.00 | 10 | -- |
| | Verdi Power Station | 10/11/1995 | Lahontan Mountain Sucker | 19.00 | 3.21 | 2.4-5.0 |
| | Verdi Power Station | 10/11/1995 | Tahoe Sucker | 8.00 | 3.74 | 2.2-6.3 |
| | Verdi Power Station | 10/11/1995 | Speckled Dace | 1.00 | 2.1 | -- |
| 49 | Below Verdi Power Dam Pool | 10/8/1993 | Rainbow Trout | 46.00 | 9.09 | 3.6-17.7 |
| | Below Verdi Power Dam Pool | 10/8/1993 | Brown Trout | 18.00 | 10.09 | 4.1-21.0 |
| | Below Verdi Power Dam Pool | 10/8/1993 | Lahontan Cutthroat Trout | 15.00 | 9.15 | 8.1-11.3 |
| | Below Verdi Power Dam Pool | 10/8/1993 | Mountain Whitefish | 46.00 | 10.51 | 5.3-16.5 |
| | Below Verdi Power Dam Pool | 10/8/1993 | Tahoe Sucker | 14.00 | 4.77 | 3.8-5.2 |
| | Below Verdi Power Dam Pool | 10/8/1993 | Lahontan Mountain Sucker | 7.00 | 3.68 | 2.5-4.6 |
| | Below Verdi Power Dam Pool | 10/8/1993 | Paiute Sculpin | 2.00 | 3.75 | 3.6-3.9 |
| | Below Verdi Power Dam Pool | 10/8/1993 | Tui Chub | 1.00 | 4.7 | -- |
| 51 | Verdi Power Station | 10/8/1993 | Rainbow Trout | 26.00 | 9.26 | 3.4-11.7 |
| | Verdi Power Station | 10/8/1993 | Lahontan Cutthroat Trout | 3.00 | 8.83 | 8.0-10.1 |
| | Verdi Power Station | 10/8/1993 | Mountain Whitefish | 57.00 | 6.22 | 4.7-12.8 |
| | Verdi Power Station | 10/8/1993 | Tahoe Sucker | 2.00 | 4.6 | 3.8-5.4 |
| | Verdi Power Station | 10/8/1993 | Paiute Sculpin | 1.00 | 3.8 | -- |
| 49 | Below Verdi Power Dam | 9/15/1981 | Rainbow Trout | 18.00 | 2.58 | |
| | Below Verdi Power Dam | 9/15/1981 | Brown Trout | 17.00 | 6.43 | |
| | Below Verdi Power Dam | 9/15/1981 | Mountain Whitefish | 5.00 | 6.03 | |

RIVER
MILE
(from L..
Tahoe)

| | Site Name | Date Sampled | Species | Number Collected | Avg Length (in) | Size Range (in) |
|----|----------------------------|--------------|--------------------------|------------------|-----------------|-----------------|
| | Below Verdi Power Dam | 9/15/1981 | Lahontan Mountain Sucker | 1.00 | 4.8 | |
| | Below Verdi Power Dam | 9/15/1981 | Paiute Sculpin | 80.00 | 2.74 | |
| | Below Verdi Power Dam | 10/22/1981 | Rainbow Trout | 11.00 | 3.47 | |
| | Below Verdi Power Dam | 10/22/1981 | Brown Trout | 19.00 | 4.61 | |
| | Below Verdi Power Dam | 10/22/1981 | Mountain Whitefish | 50.00 | 9.14 | |
| | Below Verdi Power Dam | 10/22/1981 | Tahoe Sucker | 12.00 | 3.63 | |
| | Below Verdi Power Dam | 10/22/1981 | Lahontan Mountain Sucker | 1.00 | 3.8 | |
| | Below Verdi Power Dam | 10/22/1981 | Speckled Dace | 3.00 | 1.73 | |
| | Below Verdi Power Dam | 10/22/1981 | Paiute Sculpin | 39.00 | 2.47 | |
| 49 | Below Verdi Power Dam Pool | 10/17/2002 | Brown Trout | 41.00 | 9.84 | 4.6-14.7 |
| | Below Verdi Power Dam Pool | 10/17/2002 | Rainbow Trout | 23.00 | 10.32 | 3.5-18.4 |
| | Below Verdi Power Dam Pool | 10/17/2002 | Mountain Whitefish | 7.00 | 15.04 | 10.4-16.1 |
| | Below Verdi Power Dam Pool | 10/17/2002 | Tahoe Sucker | 2.00 | 4.6 | 3.8-5.3 |
| | Below Verdi Power Dam | 6/9/1988 | Mountain Whitefish | 40.00 | 11.88 | 2.2-16.6 |
| | Below Verdi Power Dam | 6/9/1988 | Rainbow Trout | 39.00 | 8.49 | 4.5-14.4 |
| | Below Verdi Power Dam | 6/9/1988 | Brown Trout | 18.00 | 9.54 | 2.2-17.7 |
| | Below Verdi Power Dam | 6/9/1988 | Brook Trout | 1.00 | 8.7 | -- |

RIVER
MILE
(from L..
Tahoe)

| Site Name | Date Sampled | Species | Number Collected | Avg Length (in) | Size Range (in) |
|----------------------------|--------------|--------------------------|------------------|-----------------|-----------------|
| Below Verdi Power Dam | 6/9/1988 | Paiute Sculpin | 30.00 | 2.43 | 2.5-3.8 |
| Below Verdi Power Dam | 6/9/1988 | Lahontan Mountain Sucker | 3.00 | 4.6 | 3.5-5.3 |
| Below Verdi Power Dam | 6/9/1988 | Tahoe Sucker | 1.00 | 5.8 | -- |
| Below Verdi Power Dam | 10/14/1988 | Rainbow Trout | 27.00 | 10.5 | 6.5-16.0 |
| Below Verdi Power Dam | 10/14/1988 | Brown Trout | 21.00 | 13.9 | 8.1-21.0 |
| Below Verdi Power Dam | 10/14/1988 | Mountain Whitefish | 19.00 | 11.19 | 5.2-15.0 |
| Below Verdi Power Dam | 9/30/1994 | Rainbow Trout | 14.00 | 9.66 | 3.7-13.3 |
| Below Verdi Power Dam | 9/30/1994 | Lahontan Cutthroat Trout | 13.00 | 10.08 | 8.7-12.3 |
| Below Verdi Power Dam | 9/30/1994 | Brown Trout | 13.00 | 9.72 | 4.4-17.8 |
| Below Verdi Power Dam | 9/30/1994 | Mountain Whitefish | 22.00 | 6.62 | 4.5-9.6 |
| Below Verdi Power Dam | 9/30/1994 | Paiute Sculpin | 18.00 | 2.86 | 1.8-3.9 |
| Below Verdi Power Dam | 9/30/1994 | Lahontan Mountain Sucker | 15.00 | 3.76 | 1.8-5.7 |
| Below Verdi Power Dam | 9/30/1994 | Tahoe Sucker | 13.00 | 5 | 3.3-9.5 |
| Below Verdi Power Dam Pool | 9/30/1994 | Brown Trout | 36.00 | 8.36 | 4.2-11.2 |
| Below Verdi Power Dam Pool | 9/30/1994 | Lahontan Cutthroat Trout | 25.00 | 9.91 | 8.4-12.2 |
| Below Verdi Power Dam Pool | 9/30/1994 | Rainbow Trout | 19.00 | 8.95 | 3.7-11.0 |
| Below Verdi Power Dam Pool | 9/30/1994 | Mountain Whitefish | 22.00 | 5.15 | 4.2-8.7 |

RIVER
MILE
(from L..
Tahoe)

| | Site Name | Date Sampled | Species | Number Collected | Avg Length (in) | Size Range (in) |
|----|----------------------------|--------------|--------------------------|------------------|-----------------|-----------------|
| | Below Verdi Power Dam Pool | 9/30/1994 | Green Sunfish | 1.00 | 4.8 | -- |
| | Below Verdi Power Dam Pool | 9/30/1994 | Tahoe Sucker | 6.00 | 1.63 | 1.5-1.8 |
| | Below Verdi Power Dam Pool | 9/30/1994 | Speckled Dace | 2.00 | 1.85 | 1.8-1.9 |
| 49 | Below Verdi Power Dam | 9/4/1992 | Rainbow Trout | 30.00 | 8.51 | 3.5-12.2 |
| | Below Verdi Power Dam | 9/4/1992 | Brown Trout | 10.00 | 8.75 | 5.5-18.2 |
| | Below Verdi Power Dam | 9/4/1992 | Mountain Whitefish | 82.00 | 5.17 | 3.8-11.6 |
| | Below Verdi Power Dam | 9/4/1992 | Tahoe Sucker | 14.00 | 4.61 | 3.4-7.8 |
| | Below Verdi Power Dam | 9/4/1992 | Lahontan Mountain Sucker | 10.00 | 4.14 | 3.4-5.2 |
| | Below Verdi Power Dam | 9/4/1992 | Paiute Sculpin | 3.00 | 3.1 | 2.6-3.5 |
| | Below Verdi Power Dam | 9/4/1992 | Speckled Dace | 2.00 | 2.2 | 2.1-2.3 |
| | Below Verdi Power Dam Pool | 9/4/1992 | Rainbow Trout | 15.00 | 8.69 | 6.2-13.1 |
| | Below Verdi Power Dam Pool | 9/4/1992 | Brown Trout | 12.00 | 6.5 | 3.7-11.9 |
| | Below Verdi Power Dam Pool | 9/4/1992 | Mountain Whitefish | 21.00 | 4.73 | 4.0-10.2 |
| | Below Verdi Power Dam Pool | 9/4/1992 | Tahoe Sucker | 8.00 | 4.34 | 3.3-5.7 |
| | Below Verdi Power Dam Pool | 9/4/1992 | Lahontan Mountain Sucker | 4.00 | 4.03 | 2.8-5.7 |
| | Below Verdi Power Dam Pool | 9/4/1992 | Redside Shiner | 1.00 | 3.1 | -- |
| | Below Verdi Power Dam Pool | 9/4/1992 | Speckled Dace | 1.00 | 2.5 | -- |

RIVER
MILE
(from L..
Tahoe)

| Site Name | Date Sampled | Species | Number Collected | Avg Length (in) | Size Range (in) |
|----------------------------|--------------|--------------------------|------------------|-----------------|-----------------|
| Below Verdi Power Dam Pool | 9/4/1992 | Paiute Sculpin | 1.00 | 2.9 | -- |
| Below Verdi Power Dam | 6/25/1992 | Rainbow Trout | 38.00 | 8.58 | 5.6-14.4 |
| Below Verdi Power Dam | 6/25/1992 | Brown Trout | 20.00 | 7.23 | 4.4-12.2 |
| Below Verdi Power Dam | 6/25/1992 | Mountain Whitefish | 19.00 | 4.88 | 3.0-8.2 |
| Below Verdi Power Dam | 6/25/1992 | Lahontan Mountain Sucker | 7.00 | 3.47 | 2.7-4.6 |
| Below Verdi Power Dam | 6/25/1992 | Paiute Sculpin | 2.00 | 3.25 | 3.0-3.5 |
| Below Verdi Power Dam | 6/25/1992 | Tahoe Sucker | 1.00 | 4.7 | -- |
| Below Verdi Power Dam | 6/25/1992 | Speckled Dace | 1.00 | 2.3 | -- |
| Below Verdi Power Dam | 10/20/1991 | Brown Trout | 18.00 | 10.16 | 3.4-20.6 |
| Below Verdi Power Dam | 10/20/1991 | Rainbow Trout | 16.00 | 7.88 | 2.7-12.3 |
| Below Verdi Power Dam | 10/20/1991 | Mountain Whitefish | 48.00 | 6.47 | 4.2-9.5 |
| Below Verdi Power Dam | 10/20/1991 | Tahoe Sucker | 12.00 | 4.96 | 4.3-6.1 |
| Below Verdi Power Dam | 10/20/1991 | Paiute Sculpin | 10.00 | 2.93 | 2.4-3.6 |
| Below Verdi Power Dam | 10/20/1991 | Lahontan Mountain Sucker | 9.00 | 4.18 | 2.7-5.9 |
| Below Verdi Power Dam | 10/20/1991 | Redside Shiner | 1.00 | 3.5 | -- |
| 57 Ambrose Park | 9/24/1996 | Brown Trout | 16.00 | 5.65 | 3.6-7.5 |
| Ambrose Park | 9/24/1996 | Rainbow Trout | 7.00 | 3.79 | 2.7-4.7 |
| Ambrose Park | 9/24/1996 | Mountain Whitefish | 1.00 | 6.2 | -- |
| Ambrose Park | 9/24/1996 | Redside Shiner | 77.00 | 3.5 | 2.9-4.2 |

RIVER
MILE
(from L..
Tahoe)

| | Site Name | Date Sampled | Species | Number Collected | Avg Length (in) | Size Range (in) |
|----|-----------------|--------------|--------------------------|------------------|-----------------|-----------------|
| | Ambrose Park | 9/24/1996 | Tahoe Sucker | 29.00 | 7.56 | 6.4-8.7 |
| | Ambrose Park | 9/24/1996 | Lahontan Mountain Sucker | 4.00 | 4.98 | 4.3-5.6 |
| | Ambrose Park | 9/24/1996 | Speckled Dace | 1.00 | 2.7 | -- |
| | Ambrose Park | 10/11/1995 | Brown Trout | 1.00 | 7.5 | -- |
| | Ambrose Park | 10/11/1995 | Lahontan Mountain Sucker | 5.00 | 3.24 | 2.6-3.9 |
| | Ambrose Park | 10/11/1995 | Speckled Dace | 1.00 | 2.2 | -- |
| 55 | Patagonia | 11/6/2001 | Brown Trout | 7.00 | 9 | 4.0-18.3 |
| | Patagonia | 11/6/2001 | Rainbow Trout | 9.00 | 10.8 | 3.8-18.2 |
| | Patagonia | 11/6/2001 | Mountain Whitefish | 13.00 | 12.5 | 6.7-16.5 |
| | Patagonia | 10/16/2002 | Brown Trout | 15.00 | 6.32 | 3.31-14.1 |
| | Patagonia | 10/16/2002 | Rainbow Trout | 9.00 | 4.2 | 2.64-9.33 |
| | Patagonia | 10/16/2002 | Mountain Whitefish | 12.00 | 11.36 | 6.18-13.4 |
| | Patagonia | 10/16/2002 | Paiute Sculpin | 1.00 | 3.48 | -- |
| | Patagonia | 10/16/2002 | Lahontan Mountain Sucker | 1.00 | 3.92 | -- |
| | Patagonia | 10/12/2000 | Brown Trout | 37.00 | 6.5 | 3.5-12.3 |
| | Patagonia | 10/12/2000 | Rainbow Trout | 23.00 | 8.7 | 2.4-14.6 |
| | Patagonia | 10/12/2000 | Mountain Whitefish | 18.00 | 10.4 | 9.5-13.1 |
| | Patagonia | 10/12/2000 | Paiute Sculpin | 1.00 | 5 | -- |
| | Patagonia | 10/12/2000 | Speckled Dace | 2.00 | 1.1 | 1.0-1.2 |
| | Patagonia | 10/12/2000 | Lahontan Mountain Sucker | 3.00 | 2.4 | 1.2-4.0 |
| | Patagonia | 10/25/1999 | Brown Trout | 31.00 | 5.4 | 3.3-19.0 |
| | Patagonia | 10/25/1999 | Rainbow Trout | 25.00 | 5.2 | 2.6-10.5 |
| | Patagonia | 10/25/1999 | Lahontan Cutthroat Trout | 1.00 | 9.5 | -- |
| | Patagonia | 10/25/1999 | Mountain Whitefish | 1.00 | 10.4 | -- |
| | | | | | | |
| 56 | Mayberry Bridge | 10/19/1991 | Brown Trout | 3.00 | 7.23 | 3.1-10.3 |
| | Mayberry Bridge | 10/19/1991 | Rainbow Trout | 2.00 | 7.4 | 6.6-8.2 |
| | Mayberry Bridge | 10/19/1991 | Mountain Whitefish | 1.00 | 2.2 | -- |

RIVER
MILE
(from L..
Tahoe)

| | Site Name | Date Sampled | Species | Number Collected | Avg Length (in) | Size Range (in) |
|----|-----------------|--------------|--------------------------|------------------|-----------------|-----------------|
| | Mayberry Bridge | 10/19/1991 | Lahontan Mountain Sucker | 61.00 | 4.64 | 3.1-6.1 |
| | Mayberry Bridge | 10/19/1991 | Redside Shiner | 10.00 | 2.66 | 2.3-3.5 |
| | Mayberry Bridge | 10/19/1991 | Tahoe Sucker | 2.00 | 4.1 | 3.6-4.6 |
| | Mayberry Bridge | 7/25/1990 | Brown Trout | 58.00 | 7.4 | 3.0-9.7 |
| | Mayberry Bridge | 7/25/1990 | Rainbow Trout | 16.00 | 8.31 | 2.2-14.8 |
| | Mayberry Bridge | 7/25/1990 | Mountain Whitefish | 8.00 | 7.71 | 3.2-16.2 |
| | Mayberry Bridge | 7/25/1990 | Green Sunfish | 1.00 | 2.1 | -- |
| | Mayberry Bridge | 7/25/1990 | Lahontan Mountain Sucker | 8.00 | 5.25 | 4.2-6.6 |
| | Mayberry Bridge | 7/25/1990 | Tahoe Sucker | 3.00 | 4.33 | 3.0-5.1 |
| | Mayberry Bridge | 7/25/1990 | Paiute Sculpin | 2.00 | 3.6 | 3.6-3.6 |
| | Mayberry Bridge | 10/15/1997 | Rainbow Trout | 6.00 | 7.07 | 4.2-10.6 |
| | Mayberry Bridge | 10/15/1997 | Brown Trout | 1.00 | 6.5 | -- |
| 57 | Oxbow Park | 10/1/1993 | Rainbow Trout | 17.00 | 9.64 | 7.7-11.7 |
| | Oxbow Park | 10/1/1993 | Brown Trout | 5.00 | 7.52 | 4.5-10.4 |
| | Oxbow Park | 10/1/1993 | Lahontan Mountain Sucker | 6.00 | 3.39 | 3.2-5.6 |
| | Oxbow Park | 10/1/1993 | Tahoe Sucker | 3.00 | 1.3 | 1.0-1.5 |
| | Oxbow Park | 10/19/1991 | Rainbow Trout | 16.00 | 8.01 | 2.3-13.2 |
| | Oxbow Park | 10/19/1991 | Brown Trout | 9.00 | 9.94 | 3.8-24.0 |
| | Oxbow Park | 10/19/1991 | Mountain Whitefish | 1.00 | 4.2 | -- |
| | Oxbow Park | 10/19/1991 | Tahoe Sucker | 15.00 | 4.82 | 3.3-8.8 |
| | Oxbow Park | 10/19/1991 | Lahontan Mountain Sucker | 14.00 | 5.28 | 2.4-7.0 |
| | Oxbow Park | 10/18/1991 | Redside Shiner | 12.00 | 3.31 | 2.7-3.8 |
| | Oxbow Park | 10/19/1991 | Paiute Sculpin | 3.00 | 3.7 | 3.1-4.3 |
| 58 | Idlewild Park | 10/16/2002 | Brown Trout | 7.00 | 11.68 | 4.72-17.7 |
| | Idlewild Park | 10/16/2002 | Rainbow Trout | 9.00 | 8.72 | 3.58-17.0 |
| | Idlewild Park | 10/16/2002 | Mountain Whitefish | 10.00 | 6.72 | 5.12-10.7 |
| | Idlewild Park | 10/16/2002 | Lahontan Mountain Sucker | 3.00 | 2.48 | 2.2-2.87 |
| | Idlewild Park | 8/6/1997 | Lahontan Cutthroat Trout | 6.00 | 8.84 | 7.4-10.2 |

RIVER
MILE
(from L..
Tahoe)

| | Site Name | Date Sampled | Species | Number Collected | Avg Length (in) | Size Range (in) |
|----------|------------------|--------------------------|--------------------------|------------------|-----------------|-----------------|
| 60 | Idlewild Park | 8/6/1997 | Mountain Whitefish | 1.00 | 9.6 | -- |
| | Idlewild Park | 8/6/1997 | Lahontan Mountain Sucker | 2.00 | 5.1 | 4.9-5.3 |
| | Fisherman's Park | 8/6/1997 | Brown Trout | 10.00 | 5.37 | 3.4-9.2 |
| | Fisherman's Park | 8/6/1997 | Lahontan Cutthroat Trout | 7.00 | 3.69 | 3.2-4.7 |
| | Fisherman's Park | 8/6/1997 | Green Sunfish | 1.00 | 9 | -- |
| | Fisherman's Park | 8/6/1997 | Lahontan Mountain Sucker | 4.00 | 3.13 | 2.5-3.7 |
| | Fisherman's Park | 8/6/1997 | Tahoe Sucker | 14.00 | 5.73 | 5.3-6.2 |
| 62 | Fisherman's Park | 8/6/1997 | Redside Shiner | 6.00 | 6.52 | 4.0-5.3 |
| | Edison Way | 6/24/1992 | Rainbow Trout | 11.00 | 8.55 | 6.2-10.7 |
| | Edison Way | 6/24/1992 | Brown Trout | 5.00 | 12.68 | 9.8-15.8 |
| | Edison Way | 6/24/1992 | Mountain Whitefish | 1.00 | 3.2 | -- |
| | Edison Way | 6/24/1992 | Green Sunfish | 4.00 | 3.78 | 3.2-4.4 |
| | Edison Way | 6/24/1992 | Redside Shiner | 96.00 | 2.96 | 2.4-3.4 |
| | Edison Way | 6/24/1992 | Tahoe Sucker | 51.00 | 3.58 | 2.1-8.7 |
| | Edison Way | 6/24/1992 | Mosquitofish | 4.00 | 1.95 | 1.0-2.5 |
| | Edison Way | 6/24/1992 | Fathead Minnow | 2.00 | 2.75 | 2.5-3.0 |
| | Edison Way | 6/24/1992 | Lahontan Mountain Sucker | 2.00 | 3.2 | 2.8-3.6 |
| 68 | Edison Way | 6/24/1992 | Speckled Dace | 1.00 | 1.7 | -- |
| | Lockwood | 10/15/2002 | Brown Trout | 5.00 | 9.28 | 4.49-19.3 |
| | Lockwood | 10/15/2002 | Rainbow Trout | 5.00 | 7.56 | 4.92-11.0 |
| | Lockwood | 10/15/2002 | Redside Shiner | 1.00 | 2.24 | -- |
| | Lockwood | 10/15/2002 | Tahoe Sucker | 6.00 | 4.48 | 2.32-9.96 |
| | Lockwood | 10/15/2002 | Lahontan Mountain Sucker | 14.00 | 2.68 | 2.09-4.29 |
| | Lockwood | 10/10/2000 | Brown Trout | 2.00 | 8 | 5.9-10.0 |
| | Lockwood | 10/10/2000 | Rainbow Trout | 6.00 | 11.6 | 7.0-16.5 |
| | Lockwood | 10/10/2000 | Redside Shiner | 30.00 | 2.8 | 2.3-3.4 |
| | Lockwood | 10/10/2000 | Speckled Dace | 2.00 | 2.5 | 2.4-2.5 |
| Lockwood | 10/10/2000 | Lahontan Mountain Sucker | 13.00 | 3.5 | 2.2-4.6 | |

RIVER
MILE
(from L..
Tahoe)

| Site Name | Date Sampled | Species | Number Collected | Avg Length (in) | Size Range (in) |
|-----------|--------------|--------------------------|------------------|-----------------|-----------------|
| Lockwood | 10/10/2000 | Tahoe Sucker | 18.00 | 4.1 | 2.4-8.6 |
| Lockwood | 10/10/2000 | Crayfish | 1.00 | 3 | -- |
| Lockwood | 8/5/1997 | Brown Trout | 12.00 | 5.78 | 4.2-11.9 |
| Lockwood | 8/5/1997 | Rainbow Trout | 3.00 | 3.67 | 3.2-4.0 |
| Lockwood | 8/5/1997 | Lahontan Cutthroat Trout | 2.00 | 7.75 | 7.1-8.4 |
| Lockwood | 8/5/1997 | Lahontan Mountain Sucker | 63.00 | 5.59 | 3.6-7.3 |
| Lockwood | 8/5/1997 | Tahoe Sucker | 50.00 | 7.71 | 5.4-9.6 |
| Lockwood | 8/5/1997 | Redside Shiner | 10.00 | 3.56 | 3.1-4.0 |
| Lockwood | 10/14/1997 | Rainbow Trout | 6.00 | 10.07 | 7.2-11.9 |
| Lockwood | 10/14/1997 | Brown Trout | 5.00 | 7.22 | 6.3-7.7 |
| Lockwood | 10/14/1997 | Lahontan Cutthroat Trout | 2.00 | 9.15 | 8.6-9.7 |
| Lockwood | 10/14/1997 | Redside Shiner | 9.00 | 3.37 | 3.2-3.7 |
| Lockwood | 10/14/1997 | Tahoe Sucker | 8.00 | 3.11 | 2.1-9.5 |
| Lockwood | 10/14/1997 | Lahontan Mountain Sucker | 4.00 | 4.1 | 2.5-5.3 |
| Lockwood | 10/14/1997 | Fathead Minnow | 2.00 | 2.3 | 1.9-2.7 |
| Lockwood | 10/14/1997 | Speckled Dace | 1.00 | 2.6 | -- |
| Lockwood | 9/23/1996 | Brown Trout | 7.00 | 9 | 7.0-11.6 |
| Lockwood | 9/23/1996 | Mountain Whitefish | 2.00 | 6.55 | 6.5-6.6 |
| Lockwood | 9/23/1996 | Redside Shiner | 76.00 | 3.33 | 2.6-4.0 |
| Lockwood | 9/23/1996 | Tahoe Sucker | 35.00 | 7.59 | 6.2-8.6 |
| Lockwood | 9/23/1996 | Lahontan Mountain Sucker | 7.00 | 4.87 | 1.9-6.8 |
| Lockwood | 9/23/1996 | Fathead Minnow | 5.00 | 2.54 | 1.7-2.9 |
| Lockwood | 10/12/1993 | Brown Trout | 5.00 | 10.6 | 9.6-11.6 |
| Lockwood | 10/12/1993 | Rainbow Trout | 2.00 | 10.05 | 8.6-11.5 |
| Lockwood | 10/12/1993 | Tahoe Sucker | 15.00 | 2.82 | 1.9-6.2 |
| Lockwood | 10/12/1993 | Fathead Minnow | 3.00 | 2.47 | 2.2-2.8 |
| Lockwood | 10/12/1993 | Redside Shiner | 2.00 | 1.95 | 1.6-2.3 |
| Lockwood | 10/12/1993 | Speckled Dace | 1.00 | 2.2 | -- |
| Lockwood | 10/12/1993 | Green Sunfish | 1.00 | 2.8 | -- |

RIVER
MILE
(from L..
Tahoe)

| Site Name | Date Sampled | Species | Number Collected | Avg Length (in) | Size Range (in) |
|-----------|--------------|--------------------------|------------------|-----------------|-----------------|
| Lockwood | 9/8/1992 | Redside Shiner | 258.00 | 2.82 | 1.8-3.2 |
| Lockwood | 9/8/1992 | Tahoe Sucker | 83.00 | 5.22 | 2.5-7.8 |
| Lockwood | 9/8/1992 | Lahontan Mountain Sucker | 12.00 | 4.31 | 2.6-5.6 |
| Lockwood | 9/8/1992 | Speckled Dace | 3.00 | 2.37 | 2.1-2.5 |
| Lockwood | 9/8/1992 | Carp | 2.00 | 3.9 | 2.8-5.0 |
| Lockwood | 10/10/1995 | Rainbow Trout | 7.00 | 9.1 | 7.5-11.5 |
| Lockwood | 10/10/1995 | Brown Trout | 7.00 | 8.24 | 7.6-8.9 |
| Lockwood | 10/10/1995 | Tahoe Sucker | 20.00 | 6.32 | 5.7-7.0 |
| Lockwood | 10/10/1995 | Redside Shiner | 18.00 | 3.22 | 2.9-3.5 |
| Lockwood | 10/10/1995 | Lahontan Mountain Sucker | 2.00 | 4.55 | 4.1-5.0 |
| Lockwood | 9/27/1994 | Redside Shiner | 725.00 | 2.67 | 2.3-3.0 |
| Lockwood | 9/27/1994 | Tahoe Sucker | 107.00 | 3.84 | 2.3-4.4 |
| Lockwood | 9/27/1994 | Fathead Minnow | 6.00 | 2.35 | 2.0-2.7 |
| Lockwood | 9/27/1994 | Carp | 3.00 | 3.8 | 2.8-4.8 |
| Lockwood | 9/27/1994 | Lahontan Mountain Sucker | 1.00 | 3.6 | -- |
| Lockwood | 6/23/1992 | Brown Trout | 10.00 | 5.67 | 3.6-10.3 |
| Lockwood | 6/23/1992 | Rainbow Trout | 2.00 | 8.9 | 8.2-9.6 |
| Lockwood | 6/23/1992 | Redside Shiner | 135.00 | 2.87 | 2.3-4.4 |
| Lockwood | 6/23/1992 | Tahoe Sucker | 63.00 | 6.81 | 5.4-9.0 |
| Lockwood | 6/23/1992 | Lahontan Mountain Sucker | 14.00 | 3.94 | 3.2-5.2 |
| Lockwood | 6/23/1992 | Speckled Dace | 1.00 | 2.6 | -- |
| Lockwood | 10/4/1991 | Brown Trout | 3.00 | 7 | 5.4-9.5 |
| Lockwood | 10/4/1991 | Tahoe Sucker | 148.00 | 6.15 | 4.4-8.0 |
| Lockwood | 10/4/1991 | Redside Shiner | 132.00 | 3.3 | 2.2-3.8 |
| Lockwood | 10/4/1991 | Lahontan Mountain Sucker | 4.00 | 5.13 | 4.2-6.1 |
| Lockwood | 8/7/1990 | Brown Trout | 3.00 | 7.3 | 2.9-10.8 |
| Lockwood | 8/7/1990 | Tahoe Sucker | 79.00 | 4.63 | 3.3-8.2 |
| Lockwood | 8/7/1990 | Redside Shiner | 40.00 | 2.53 | 2.1-2.9 |

RIVER
MILE
(from L..
Tahoe)

| Site Name | Date Sampled | Species | Number Collected | Avg Length (in) | Size Range (in) |
|-----------|--------------|--------------------------|------------------|-----------------|-----------------|
| Lockwood | 8/7/1990 | Lahontan Mountain Sucker | 6.00 | 3.82 | 3.0-6.1 |
| Lockwood | 8/7/1990 | Fathead Minnow | 2.00 | 2.95 | 2.3-3.6 |
| Lockwood | 10/18/1989 | Brown Trout | 4.00 | 6.2 | 5.3-6.9 |
| Lockwood | 10/18/1989 | Rainbow Trout | 4.00 | 4.8 | 4.3-5.8 |
| Lockwood | 10/18/1989 | Tahoe Sucker | 31.00 | 3.39 | 1.7-8.4 |
| Lockwood | 10/18/1989 | Lahontan Mountain Sucker | 1.00 | 2.3 | -- |
| Lockwood | 10/14/1989 | Redside Shiner | 3.00 | 1.67 | 1.6-1.7 |
| Lockwood | 8/17/1988 | Brown Trout | 4.00 | 4.3 | 3.8-5.0 |
| Lockwood | 8/17/1988 | Tahoe Sucker | 27.00 | 5.64 | 2.7-8.6 |
| Lockwood | 8/17/1988 | Lahontan Mountain Sucker | 7.00 | 4.23 | 3.2-5.4 |
| Lockwood | 8/17/1988 | Redside Shiner | 11.00 | 2.86 | 2.5-3.3 |
| Lockwood | 8/17/1988 | Carp | 1.00 | 21.2 | -- |
| Lockwood | 10/1/1988 | Brown Trout | 4.00 | 6.68 | 3.0-9.2 |
| Lockwood | 10/1/1988 | Green Sunfish | 1.00 | 2.9 | -- |
| Lockwood | 10/1/1988 | Tahoe Sucker | 42.00 | 4.61 | 2.5-8.1 |
| Lockwood | 10/1/1988 | Lahontan Mountain Sucker | 14.00 | 3.99 | 2.1-5.4 |
| Lockwood | 10/1/1988 | Redside Shiner | 12.00 | 2.67 | 1.5-3.1 |
| Lockwood | 10/1/1987 | Brown Trout | 17.00 | 6.25 | 3.1-10.6 |
| Lockwood | 10/1/1987 | Rainbow Trout | 3.00 | 7.57 | 3.8-10.0 |
| Lockwood | 10/1/1987 | Tahoe Sucker | 152.00 | 6.55 | 2.5-10.2 |
| Lockwood | 10/1/1987 | Redside Shiner | 38.00 | 2.99 | 2.3-4.0 |
| Lockwood | 10/1/1987 | Lahontan Mountain Sucker | 31.00 | 5.06 | 3.1-6.7 |
| Lockwood | 10/1/1987 | Speckled Dace | 4.00 | 2.43 | 2.3-2.6 |
| Lockwood | 10/1/1986 | Brown Trout | 13.00 | 4.52 | 3.4-6.8 |
| Lockwood | 10/1/1986 | Mountain Whitefish | 2.00 | 8.25 | 4.7-11.8 |
| Lockwood | 10/1/1986 | Rainbow Trout | 2.00 | 7.8 | -- |
| Lockwood | 10/1/1986 | Tahoe Sucker | 73.00 | 6.69 | 4.0-11.2 |
| Lockwood | 10/1/1986 | Redside Shiner | 37.00 | 3.17 | 2.7-3.6 |

RIVER
MILE
(from L..
Tahoe)

| | Site Name | Date Sampled | Species | Number Collected | Avg Length (in) | Size Range (in) |
|----|-------------|--------------|--------------------------|------------------|-----------------|-----------------|
| | Lockwood | 10/1/1986 | Lahontan Mountain Sucker | 26.00 | 4.96 | 4.3-5.7 |
| | Lockwood | 10/1/1986 | Carp | 1.00 | 19.6 | -- |
| | Lockwood | 10/1/1985 | Brown Trout | 7.00 | 7.66 | 4.7-9.2 |
| | Lockwood | 10/1/1985 | Mountain Whitefish | 1.00 | 10.6 | -- |
| | Lockwood | 10/1/1985 | Rainbow Trout | 2.00 | 11.65 | 11.4-11.9 |
| | Lockwood | 10/1/1985 | Redside Shiner | 17.00 | 3.22 | 2.7-4.0 |
| | Lockwood | 10/1/1985 | Lahontan Mountain Sucker | 7.00 | 4.39 | 3.3-5.8 |
| | Lockwood | 10/1/1985 | Tahoe Sucker | 20.00 | 4.02 | 2.5-5.4 |
| | Lockwood | 10/1/1984 | Brown Trout | 3.00 | 10.93 | 8.7-12.5 |
| | Lockwood | 10/1/1984 | Mountain Whitefish | 3.00 | 8.23 | 5.8-11.6 |
| | Lockwood | 10/1/1984 | Speckled Dace | 75.00 | 1.6 | 1.0-2.2 |
| | Lockwood | 10/1/1984 | Lahontan Mountain Sucker | 13.00 | 5.15 | 3.1-6.4 |
| | Lockwood | 10/1/1984 | Redside Shiner | 6.00 | 3.22 | 2.9-3.6 |
| | Lockwood | 10/1/1984 | Tahoe Sucker | 5.00 | 8.04 | 6.9-9.4 |
| | Lockwood | 10/1/1984 | Carp | 1.00 | 19.5 | -- |
| | Lockwood | 11/5/2001 | Brown Trout | 1.00 | 7.6 | -- |
| | Lockwood | 11/5/2001 | Rainbow Trout | 1.00 | 17.8 | -- |
| | Lockwood | 11/5/2001 | Mountain Whitefish | 1.00 | 7.8 | -- |
| | Lockwood | 11/5/2001 | Carp | 1.00 | 22.3 | -- |
| 69 | Lockwood | 11/5/2001 | Tahoe Sucker | 4.00 | 3.2 | 2.2-4.1 |
| | Mustang | 10/8/1998 | Brown Trout | 2.00 | 4.85 | 3.5-6.2 |
| | Mustang | 10/8/1998 | Green Sunfish | 1.00 | 2.5 | -- |
| | Mustang | 10/8/1998 | Tahoe Sucker | 47.00 | 2.55 | 1.4-9.5 |
| | Mustang | 10/8/1998 | Fathead Minnow | 10.00 | 2.08 | 1.8-2.5 |
| | Mustang | 10/8/1998 | Lahontan Mountain Sucker | 7.00 | 3.26 | 1.8-4.1 |
| | Mustang | 10/8/1998 | Redside Shiner | 7.00 | 2.69 | 2.2-3.4 |
| | Mustang | 10/8/1998 | Speckled Dace | 4.00 | 2.38 | 2.1-3.0 |
| 71 | Hydrocarbon | 10/16/1995 | Lahontan Cutthroat Trout | 1.00 | 11.8 | -- |
| | Hydrocarbon | 10/16/1995 | Redside Shiner | 44.00 | 2.93 | 1.4-3.5 |

RIVER
MILE
(from L..
Tahoe)

59

| Site Name | Date Sampled | Species | Number Collected | Avg Length (in) | Size Range (in) |
|--------------|--------------|--------------------------|------------------|-----------------|-----------------|
| Hydrocarbon | 10/16/1995 | Tahoe Sucker | 31.00 | 4.6 | 3.6-6.8 |
| Hydrocarbon | 10/16/1995 | Fathead Minnow | 4.00 | 2.13 | 1.8-2.4 |
| Hydrocarbon | 10/16/1995 | Carp | 1.00 | 16.4 | -- |
| Wells Avenue | 10/12/1998 | Brown Trout | 3.00 | 5.27 | 4.3-6.2 |
| Wells Avenue | 10/12/1998 | Rainbow Trout | 1.00 | 4.3 | -- |
| Wells Avenue | 10/12/1998 | Mountain Whitefish | 1.00 | 6.4 | -- |
| Wells Avenue | 10/12/1998 | Green Sunfish | 1.00 | 2.9 | -- |
| Wells Avenue | 10/12/1998 | Speckled Dace | 16.00 | 2.07 | 1.0-2.9 |
| Wells Avenue | 10/12/1998 | Fathead Minnow | 9.00 | 1.9 | 1.6-2.5 |
| Wells Avenue | 10/12/1998 | Lahontan Mountain Sucker | 1.00 | 3.1 | -- |
| Wells Avenue | 10/15/1997 | Brown Trout | 6.00 | 8.33 | 6.5-10.3 |
| Wells Avenue | 10/15/1997 | Rainbow Trout | 3.00 | 7.03 | 6.1-8.4 |
| Wells Avenue | 10/15/1997 | Green Sunfish | 3.00 | 3.1 | 2.7-3.6 |
| Wells Avenue | 10/15/1997 | Lahontan Mountain Sucker | 6.00 | 4.65 | 3.8-5.6 |
| Wells Avenue | 10/15/1997 | Tahoe Sucker | 4.00 | 2.5 | 1.5-4.6 |
| Wells Avenue | 10/15/1997 | Speckled Dace | 2.00 | 2.8 | 2.5-3.1 |
| Wells Avenue | 10/15/1997 | Redside Shiner | 1.00 | 3.7 | -- |
| Wells Avenue | 9/24/1996 | Rainbow Trout | 2.00 | 11.25 | 10.7-11.8 |
| Wells Avenue | 9/24/1996 | Brown Trout | 2.00 | 11.65 | 11.4-11.9 |
| Wells Avenue | 9/24/1996 | Mountain Whitefish | 5.00 | 6.62 | 6.1-7.1 |
| Wells Avenue | 9/24/1996 | Green Sunfish | 3.00 | 2.93 | 2.6-3.2 |
| Wells Avenue | 9/24/1996 | Speckled Dace | 5.00 | 2.7 | 2.3-3.5 |
| Wells Avenue | 9/24/1996 | Redside Shiner | 1.00 | 3.1 | -- |
| Wells Avenue | 9/24/1996 | Lahontan Mountain Sucker | 1.00 | 4.4 | -- |
| Wells Avenue | 10/11/1995 | Rainbow Trout | 4.00 | 10.4 | 10.0-10.7 |
| Wells Avenue | 10/11/1995 | Lahontan Cutthroat Trout | 2.00 | 9.75 | 9.2-10.3 |
| Wells Avenue | 10/11/1995 | Brown Trout | 1.00 | 10.2 | -- |
| Wells Avenue | 10/11/1995 | Mountain Whitefish | 1.00 | 6.4 | -- |
| Wells Avenue | 10/11/1995 | Tahoe Sucker | 4.00 | 4.65 | 3.4-6.0 |

RIVER
MILE
(from L..
Tahoe)

| Site Name | Date Sampled | Species | Number Collected | Avg Length (in) | Size Range (in) |
|--------------|--------------|--------------------------|------------------|-----------------|-----------------|
| Wells Avenue | 10/11/1995 | Lahontan Mountain Sucker | 4.00 | 4 | 3.4-4.8 |
| Wells Avenue | 10/11/1995 | Speckled Dace | 1.00 | 3 | -- |
| Wells Avenue | 10/11/2000 | Brown Trout | 7.00 | 7 | 5.7-10.0 |
| Wells Avenue | 10/11/2000 | Rainbow Trout | 6.00 | 6.4 | 3.6-11.7 |
| Wells Avenue | 10/11/2000 | Mountain Whitefish | 2.00 | 5.9 | 4.9-6.9 |
| Wells Avenue | 10/11/2000 | Lahontan Mountain Sucker | 5.00 | 3.7 | 2.0-5.9 |
| Wells Avenue | 10/11/2000 | Tahoe Sucker | 3.00 | 6 | 5.6-6.3 |
| Wells Avenue | 10/24/1994 | Tahoe Sucker | 26.00 | 5.33 | 2.0-7.3 |
| Wells Avenue | 10/24/1994 | Lahontan Mountain Sucker | 8.00 | 4.66 | 2.6-6.5 |
| Wells Avenue | 10/24/1994 | Redside Shiner | 3.00 | 2.43 | 2.3-2.5 |
| Wells Avenue | 10/1/1993 | Rainbow Trout | 29.00 | 9.11 | 4.5-10.8 |
| Wells Avenue | 10/1/1993 | Mountain Whitefish | 1.00 | 6.3 | -- |
| Wells Avenue | 10/1/1993 | Lahontan Mountain Sucker | 32.00 | 6.27 | 4.2-8.6 |
| Wells Avenue | 10/1/1993 | Tahoe Sucker | 16.00 | 5.43 | 3.2-7.5 |
| Wells Avenue | 10/1/1993 | Redside Shiner | 2.00 | 3.5 | 3.2-3.9 |
| Wells Avenue | 9/4/1992 | Rainbow Trout | 1.00 | 6.3 | -- |
| Wells Avenue | 9/4/1992 | Brown Trout | 1.00 | 8.2 | -- |
| Wells Avenue | 9/4/1992 | Lahontan Mountain Sucker | 27.00 | 4.46 | 3.4-5.2 |
| Wells Avenue | 9/4/1992 | Lahontan Mountain Sucker | 25.00 | 6.25 | 1.7-9.8 |
| Wells Avenue | 9/4/1992 | Redside Shiner | 7.00 | 2.69 | 1.7-3.6 |
| Wells Avenue | 6/24/1992 | Rainbow Trout | 8.00 | 7.98 | 5.3-9.8 |
| Wells Avenue | 6/25/1992 | Brown Trout | 1.00 | 8.9 | -- |
| Wells Avenue | 6/25/1992 | Tahoe Sucker | 22.00 | 4.39 | 2.3-6.7 |
| Wells Avenue | 6/25/1992 | Redside Shiner | 18.00 | 2.97 | 2.2-4.2 |
| Wells Avenue | 6/25/1992 | Lahontan Mountain Sucker | 3.00 | 3.53 | 2.2-5.4 |
| Wells Avenue | 6/25/1992 | Speckled Dace | 1.00 | 2.5 | -- |
| Wells Avenue | 8/19/1991 | Rainbow Trout | 9.00 | 7.27 | 2.5-12.2 |

RIVER
MILE
(from L..
Tahoe)

| Site Name | Date Sampled | Species | Number Collected | Avg Length (in) | Size Range (in) |
|-----------------|--------------|--------------------------|------------------|-----------------|-----------------|
| Wells Avenue | 8/19/1991 | Brown Trout | 6.00 | 11.63 | 7.9-20.8 |
| Wells Avenue | 8/19/1991 | Mountain Whitefish | 9.00 | 4.37 | 4.0-4.6 |
| Wells Avenue | 8/19/1991 | Lahontan Mountain Sucker | 94.00 | 6.16 | 4.8-6.9 |
| Wells Avenue | 8/19/1991 | Redside Shiner | 42.00 | 3.42 | 3.0-3.7 |
| Wells Avenue | 8/19/1991 | Tahoe Sucker | 35.00 | 6.31 | 3.8-7.7 |
| Wells Avenue | 8/19/1991 | Speckled Dace | 1.00 | 1.5 | -- |
| Wells Avenue | 7/25/1990 | Rainbow Trout | 22.00 | 8.22 | 6.3-10.1 |
| Wells Avenue | 7/25/1990 | Brown Trout | 6.00 | 10.1 | 3.2-22.0 |
| Wells Avenue | 7/25/1990 | Redside Shiner | 42.00 | 3.16 | 2.5-5.3 |
| Wells Avenue | 7/25/1990 | Lahontan Mountain Sucker | 29.00 | 4.63 | 2.7-5.9 |
| Wells Avenue | 7/25/1990 | Tahoe Sucker | 12.00 | 5.4 | 2.9-9.9 |
| Wells Avenue | 7/25/1990 | Speckled Dace | 2.00 | 2.8 | 2.4-3.2 |
| Wells Avenue | 10/16/2002 | Brown Trout | 7.00 | 6.4 | 4.37-12.6 |
| Wells Avenue | 10/16/2002 | Rainbow Trout | 18.00 | 4.56 | 2.87-11.6 |
| Wells Avenue | 10/16/2002 | Mountain Whitefish | 7.00 | 6.72 | 4.45-12.5 |
| Wells Avenue | 10/16/2002 | Green Sunfish | 4.00 | 2.6 | 1.61-3.75 |
| Wells Avenue | 10/16/2002 | Speckled Dace | 1.00 | 2.84 | -- |
| Wells Avenue | 10/16/2002 | Lahontan Mountain Sucker | 6.00 | 3.72 | 2.48-4.29 |
| Wells Avenue | 10/16/2002 | Tahoe Sucker | 71.00 | 3.16 | 0.91-4.92 |
| Wells Avenue | 11/6/2001 | Brown Trout | 3.00 | 6.2 | 4.5-9.3 |
| Wells Avenue | 11/6/2001 | Rainbow Trout | 7.00 | 7.1 | 3.4-17.6 |
| Wells Avenue | 11/6/2001 | Mountain Whitefish | 2.00 | 5.8 | 5.6-6.0 |
| Wells Avenue | 11/6/2001 | Green Sunfish | 1.00 | 4 | -- |
| Wells Avenue | 11/6/2001 | Tahoe Sucker | 3.00 | 2.7 | 1.4-4.1 |
| Wells Avenue | 11/6/2001 | Speckled Dace | 1.00 | 3.1 | -- |
| Wells Avenue | 11/6/2001 | Redside Shiner | 2.00 | 3.4 | 2.0-4.7 |
| 79 Eagle Picher | 10/4/1991 | Tahoe Sucker | 13.00 | 2.78 | 2.2-3.9 |
| Eagle Picher | 10/4/1991 | Fathead Minnow | 10.00 | 2.05 | 1.7-2.5 |
| Eagle Picher | 10/4/1991 | Brown Trout | 1.00 | 10.5 | -- |
| Eagle Picher | 10/4/1991 | Redside Shiner | 46.00 | 3.03 | 2.4-3.6 |
| Eagle Picher | 10/4/1991 | Tahoe Sucker | 17.00 | 5.82 | 3.9-9.7 |

RIVER
MILE
(from L..
Tahoe)

| Site Name | Date Sampled | Species | Number Collected | Avg Length (in) | Size Range (in) |
|--------------|--------------|--------------------------|------------------|-----------------|-----------------|
| Eagle Picher | 10/4/1991 | Lahontan Mountain Sucker | 4.00 | 4.23 | 3.8-5.1 |
| Eagle Picher | 6/23/1992 | Brown Trout | 13.00 | 5.65 | 3.7-8.9 |
| Eagle Picher | 6/23/1992 | Rainbow Trout | 3.00 | 8.73 | 8.0-10.0 |
| Eagle Picher | 6/23/1992 | Redside Shiner | 74.00 | 3.15 | 2.0-4.6 |
| Eagle Picher | 6/23/1992 | Tahoe Sucker | 23.00 | 4.72 | 2.5-7.9 |
| Eagle Picher | 6/23/1992 | Lahontan Mountain Sucker | 12.00 | 4.24 | 3.3-5.5 |
| Eagle Picher | 6/23/1992 | Speckled Dace | 2.00 | 2.75 | 2.4-3.1 |
| Eagle Picher | 6/23/1992 | Mosquitofish | 1.00 | 1.9 | -- |
| Eagle Picher | 10/12/1993 | Rainbow Trout | 1.00 | 9.5 | -- |
| Eagle Picher | 10/12/1993 | Lahontan Mountain Sucker | 86.00 | 2.26 | 2.1-2.7 |
| Eagle Picher | 10/12/1993 | Tahoe Sucker | 77.00 | 5.83 | 1.8-11.1 |
| Eagle Picher | 10/12/1993 | Redside Shiner | 47.00 | 2.28 | 1.3-3.9 |
| Eagle Picher | 10/12/1993 | Speckled Dace | 10.00 | 1.76 | 1.4-2.5 |
| Eagle Picher | 10/12/1993 | Fathead Minnow | 3.00 | 2.2 | 1.9-2.5 |
| Eagle Picher | 10/12/1993 | Green Sunfish | 1.00 | 2 | -- |
| Eagle Picher | 8/7/1990 | Brown Trout | 12.00 | 7.84 | 3.9-9.9 |
| Eagle Picher | 8/7/1990 | Redside Shiner | 54.00 | 2.64 | 2.1-4.1 |
| Eagle Picher | 8/7/1990 | Tahoe Sucker | 46.00 | 6.44 | 2.9-8.8 |
| Eagle Picher | 8/7/1990 | Lahontan Mountain Sucker | 9.00 | 3.28 | 2.5-4.1 |
| Eagle Picher | 8/7/1990 | Speckled Dace | 1.00 | 2.3 | -- |
| Eagle Picher | 9/23/1996 | Brown Trout | 4.00 | 6.68 | 4.3-7.6 |
| Eagle Picher | 9/23/1996 | Redside Shiner | 72.00 | 3.14 | 2.5-3.7 |
| Eagle Picher | 9/23/1996 | Lahontan Mountain Sucker | 72.00 | 4.5 | 3.1-6.0 |
| Eagle Picher | 9/23/1996 | Speckled Dace | 9.00 | 2.42 | 1.6-3.0 |
| Eagle Picher | 9/23/1996 | Tahoe Sucker | 5.00 | 8.84 | 8.2-9.5 |
| Eagle Picher | 9/23/1996 | Fathead Minnow | 1.00 | 3.1 | -- |
| Eagle Picher | 8/5/1997 | Brown Trout | 3.00 | 5.07 | 4.6-5.4 |
| Eagle Picher | 8/5/1997 | Lahontan Cutthroat Trout | 1.00 | 7.6 | -- |

RIVER
MILE
(from L..
Tahoe)

| Site Name | Date Sampled | Species | Number Collected | Avg Length (in) | Size Range (in) |
|--------------|--------------|--------------------------|------------------|-----------------|-----------------|
| Eagle Picher | 8/5/1997 | Green Sunfish | 1.00 | 3 | -- |
| Eagle Picher | 8/5/1997 | Lahontan Mountain Sucker | 74.00 | 3.85 | 3.2-6.7 |
| Eagle Picher | 8/5/1997 | Tahoe Sucker | 45.00 | 5.77 | 3.4-8.3 |
| Eagle Picher | 8/5/1997 | Redside Shiner | 41.00 | 2.65 | 2.2-3.2 |
| Eagle Picher | 8/5/1997 | Speckled Dace | 1.00 | 2.2 | -- |
| Painted Rock | 10/14/1997 | Tahoe Sucker | 1.00 | 5.5 | -- |
| Eagle Picher | 10/14/1997 | Brown Trout | 5.00 | 7.06 | 6.5-7.6 |
| Eagle Picher | 10/14/1997 | Redside Shiner | 104.00 | 2.43 | 1.5-3.6 |
| Eagle Picher | 10/14/1997 | Speckled Dace | 76.00 | 1.71 | 1.4-2.1 |
| Eagle Picher | 10/14/1997 | Tahoe Sucker | 41.00 | 4.05 | 3.4-5.6 |
| Eagle Picher | 10/14/1997 | Lahontan Mountain Sucker | 9.00 | 4.42 | 2.5-6.7 |
| Eagle Picher | 10/18/1989 | Brown Trout | 10.00 | 7.28 | 5.3-11.3 |
| Eagle Picher | 10/18/1989 | Rainbow Trout | 5.00 | 6.46 | 4.7-11.0 |
| Eagle Picher | 10/18/1989 | Tahoe Sucker | 137.00 | 5.67 | 2.2-8.2 |
| Eagle Picher | 10/18/1989 | Lahontan Mountain Sucker | 76.00 | 4.28 | 2.2-5.7 |
| Eagle Picher | 10/18/1989 | Redside Shiner | 120.00 | 3.68 | 2.8-4.2 |
| Eagle Picher | 10/18/1989 | Carp | 6.00 | 4.42 | 2.8-5.4 |
| Eagle Picher | 8/17/1988 | Brown Trout | 1.00 | 4.3 | -- |
| Eagle Picher | 8/17/1988 | Tahoe Sucker | 94.00 | 5.89 | 3.8-8.1 |
| Eagle Picher | 8/17/1988 | Redside Shiner | 83.00 | 2.92 | 1.5-3.9 |
| Eagle Picher | 8/17/1988 | Lahontan Mountain Sucker | 51.00 | 4.04 | 2.1-5.2 |
| Eagle Picher | 8/17/1988 | Carp | 1.00 | 4.8 | -- |
| Eagle Picher | 10/1/1988 | Brown Trout | 6.00 | 10.57 | 2.7-18.0 |
| Eagle Picher | 10/1/1988 | Rainbow Trout | 3.00 | 8.93 | 7.0-10.4 |
| Eagle Picher | 10/1/1988 | Redside Shiner | 41.00 | 2.3 | 2.0-3.0 |
| Eagle Picher | 10/1/1988 | Lahontan Mountain Sucker | 9.00 | 3.12 | 2.3-4.0 |
| Eagle Picher | 10/1/1988 | Tahoe Sucker | 8.00 | 4.46 | 2.7-7.6 |
| Eagle Picher | 10/1/1988 | Speckled Dace | 1.00 | 1.8 | -- |
| Eagle Picher | 10/25/1999 | Brown Trout | 23.00 | 8.3 | 6.2-9.4 |

RIVER
MILE
(from L..
Tahoe)

| Site Name | Date Sampled | Species | Number Collected | Avg Length (in) | Size Range (in) |
|--------------|--------------|--------------------------|------------------|-----------------|-----------------|
| Eagle Picher | 10/25/1999 | Rainbow Trout | 18.00 | 9.1 | 6.1-11.8 |
| Eagle Picher | 10/25/1999 | Redside Shiner | 35.00 | 1.7 | 0.7-3.6 |
| Eagle Picher | 10/25/1999 | Speckled Dace | 1.00 | 2.3 | 0.9-7.8 |
| Eagle Picher | 10/25/1999 | Lahontan Mountain Sucker | 88.00 | 4.4 | 3.7-10.8 |
| Eagle Picher | 10/25/1999 | Tahoe Sucker | 26.00 | 7.2 | 3.7-10.8 |
| Eagle Picher | 10/10/2000 | Brown Trout | 6.00 | 9.6 | 5.8-14.0 |
| Eagle Picher | 10/10/2000 | Rainbow Trout | 20.00 | 5.9 | 4.5-7.4 |
| Eagle Picher | 10/10/2000 | Redside Shiner | 4.00 | 2.5 | 2.1-3.0 |
| Eagle Picher | 10/10/2000 | Lahontan Mountain Sucker | 12.00 | 3.9 | 2.5-5.6 |
| Eagle Picher | 9/27/1994 | Redside Shiner | 363.00 | 2.25 | 1.5-2.9 |
| Eagle Picher | 9/27/1994 | Lahontan Mountain Sucker | 48.00 | 3.96 | 3.4-4.5 |
| Eagle Picher | 9/27/1994 | Speckled Dace | 35.00 | 2.16 | 1.7-2.8 |
| Eagle Picher | 9/27/1994 | Tahoe Sucker | 15.00 | 3.4 | 2.2-5.3 |
| Eagle Picher | 9/27/1994 | Fathead Minnow | 5.00 | 1.78 | 1.3-2.1 |
| Eagle Picher | 9/27/1994 | Carp | 1.00 | 2.9 | -- |
| Eagle Picher | 10/1/1987 | Brown Trout | 2.00 | 4.05 | 4.0-4.1 |
| Eagle Picher | 10/1/1987 | Redside Shiner | 290.00 | 3.21 | 2.2-4.2 |
| Eagle Picher | 10/1/1987 | Tahoe Sucker | 150.00 | 7.04 | 3.2-10.6 |
| Eagle Picher | 10/1/1987 | Lahontan Mountain Sucker | 66.00 | 4.05 | 2.7-6.2 |
| Eagle Picher | 10/1/1987 | Carp | 4.00 | 3.33 | 2.7-3.8 |
| Eagle Picher | 10/1/1986 | Redside Shiner | 13.00 | 3.16 | 2.6-3.4 |
| Eagle Picher | 10/1/1986 | Brown Trout | 19.00 | 7.67 | 4.1-13.9 |
| Eagle Picher | 10/1/1986 | Redside Shiner | 42.00 | 3.31 | 2.9-3.6 |
| Eagle Picher | 10/1/1986 | Tahoe Sucker | 39.00 | 6.18 | 3.3-8.0 |
| Eagle Picher | 10/1/1986 | Lahontan Mountain Sucker | 17.00 | 4.68 | 3.3-5.3 |
| Eagle Picher | 10/1/1985 | Brown Trout | 22.00 | 9.37 | 8.7-10.4 |
| Eagle Picher | 10/1/1985 | Tahoe Sucker | 19.00 | 4.69 | 3.4-7.9 |
| Eagle Picher | 10/1/1985 | Lahontan Mountain Sucker | 4.00 | 4.33 | 4.2-4.4 |

RIVER
MILE
(from L..
Tahoe)

| | Site Name | Date Sampled | Species | Number Collected | Avg Length (in) | Size Range (in) |
|----|--------------------------|--------------|--------------------------|------------------|-----------------|-----------------|
| | Eagle Picher | 10/1/1985 | Redside Shiner | 1.00 | 3.8 | -- |
| | Eagle Picher | 10/1/1984 | Brown Trout | 1.00 | 10 | -- |
| | Eagle Picher | 10/1/1984 | Redside Shiner | 93.00 | 2.79 | 1.5-3.8 |
| | Eagle Picher | 10/1/1984 | Tahoe Sucker | 24.00 | 3.83 | 1.6-10.1 |
| | Eagle Picher | 10/1/1984 | Lahontan Mountain Sucker | 11.00 | 4.45 | 2.2-6.8 |
| | Eagle Picher | 10/10/1995 | Rainbow Trout | 1.00 | 10.9 | -- |
| | Eagle Picher | 10/10/1995 | Brown Trout | 1.00 | 13.2 | -- |
| | Eagle Picher | 10/10/1995 | Tahoe Sucker | 14.00 | 5.74 | 4.2-8.0 |
| | Eagle Picher | 10/10/1995 | Redside Shiner | 12.00 | 3.24 | 2.6-3.7 |
| | Eagle Picher | 10/10/1995 | Lahontan Mountain Sucker | 2.00 | 5.5 | 5.2-5.8 |
| | Eagle Picher | 11/5/2001 | Rainbow Trout | 2.00 | 6.8 | 5.2-8.3 |
| | Eagle Picher | 11/5/2001 | Mountain Whitefish | 1.00 | 8.2 | -- |
| | Eagle Picher | 11/5/2001 | Redside Shiner | 1.00 | 3 | -- |
| | Eagle Picher | 11/5/2001 | Tahoe Sucker | 7.00 | 4.3 | 2.6-5.4 |
| | Eagle Picher | 11/5/2001 | Lahontan Mountain Sucker | 1.00 | 4.6 | -- |
| | Eagle Picher | 10/15/2002 | Brown Trout | 3.00 | 9.28 | 6.26-10.6 |
| | Eagle Picher | 10/15/2002 | Rainbow Trout | 1.00 | 6.12 | -- |
| | Eagle Picher | 10/15/2002 | Redside Shiner | 58.00 | 1.68 | 1.35-2.01 |
| | Eagle Picher | 10/15/2002 | Speckled Dace | 5.00 | 2 | 1.77-2.17 |
| | Eagle Picher | 10/15/2002 | Lahontan Mountain Sucker | 5.00 | 3.76 | 2.64-5.31 |
| | Eagle Picher | 10/15/2002 | Tahoe Sucker | 1.00 | 6.28 | -- |
| 81 | Above Derby Dam | 10/16/1995 | Brown Trout | 1.00 | 9.2 | -- |
| | Above Derby Dam | 10/16/1995 | Redside Shiner | 26.00 | 2.56 | 1.9-3.1 |
| | Above Derby Dam | 10/16/1995 | Tahoe Sucker | 19.00 | 2.66 | 1.7-7.2 |
| | Above Derby Dam | 10/16/1995 | Speckled Dace | 8.00 | 2.28 | 1.2-2.8 |
| | Above Derby Dam | 10/16/1995 | Fathead Minnow | 3.00 | 1.87 | 1.7-2.0 |
| 83 | Below Derby Dam (Thisby) | 11/5/2001 | Brown Trout | 4.00 | 6.4 | 5.7-7.2 |
| | Below Derby Dam (Thisby) | 11/5/2001 | Rainbow Trout | 10.00 | 7.7 | 4.9-14.8 |

RIVER
MILE
(from L..
Tahoe)

| Site Name | Date Sampled | Species | Number Collected | Avg Length (in) | Size Range (in) |
|--------------------------|--------------|--------------------------|------------------|-----------------|-----------------|
| Below Derby Dam (Thisby) | 11/5/2001 | Sacramento Perch | 13.00 | 5.8 | 4.5-7.8 |
| Below Derby Dam (Thisby) | 11/5/2001 | Green Sunfish | 6.00 | 5 | 3.7-6.1 |
| Below Derby Dam (Thisby) | 11/5/2001 | Redside Shiner | 50.00 | | |
| Below Derby Dam (Thisby) | 11/5/2001 | Tahoe Sucker | 4.00 | | |
| Below Derby Dam (Thisby) | 11/5/2001 | Carp | 2.00 | | |
| Below Derby Dam (Thisby) | 10/10/2000 | Rainbow Trout | 12.00 | 6.8 | 4.2 - 16.0 |
| Below Derby Dam (Thisby) | 10/10/2000 | Mountain Whitefish | 5.00 | 8.1 | 6.0 - 10.9 |
| Below Derby Dam (Thisby) | 10/10/2000 | Redside Shiner | 9.00 | 3 | 2.5 - 3.5 |
| Below Derby Dam (Thisby) | 10/10/2000 | Lahontan Mountain Sucker | 2.00 | 4.3 | 3.5 - 5.1 |
| Below Derby Dam (Thisby) | 10/10/2000 | Tahoe Sucker | 2.00 | 2.6 | 2.3 - 2.8 |
| Below Derby Dam (Thisby) | 10/10/2000 | Carp | 2.00 | 22.3 | 21.5 - 23.0 |
| Below Derby Dam (Thisby) | 10/10/2000 | Largemouth Bass | 2.00 | 4.9 | 4.7 - 5.0 |
| Below Derby Dam (Thisby) | 11/5/2001 | Brown Trout | 5.00 | 12.5 | 4.9-18.9 |
| Below Derby Dam (Thisby) | 11/5/2001 | Rainbow Trout | 3.00 | 11.9 | 4.3-16.5 |
| Below Derby Dam (Thisby) | 11/5/2001 | Mountain Whitefish | 1.00 | 11.5 | -- |
| Below Derby Dam (Thisby) | 11/5/2001 | Sacramento Perch | 2.00 | 1.7 | 1.5-1.9 |
| Below Derby Dam (Thisby) | 11/5/2001 | Green Sunfish | 5.00 | 3.9 | 2.5-4.8 |

RIVER
MILE
(from L..
Tahoe)

| Site Name | Date Sampled | Species | Number Collected | Avg Length (in) | Size Range (in) |
|--------------------------|--------------|--------------------------|------------------|-----------------|-----------------|
| Below Derby Dam (Thisby) | 11/5/2001 | Redside Shiner | 338.00 | 2.6 | 1.6-3.2 |
| Below Derby Dam (Thisby) | 11/5/2001 | Lahontan Mountain Sucker | 5.00 | 2.6 | 2.0-3.7 |
| Below Derby Dam (Thisby) | 11/5/2001 | Tahoe Sucker | 71.00 | 5.5 | 2.4-9.7 |
| Below Derby Dam (Thisby) | 11/5/2001 | Carp | 10.00 | 3.5 | 2.0-4.6 |
| Below Derby Dam (Thisby) | 11/5/2001 | Mosquitofish | 4.00 | 1.1 | 0.9-1.3 |
| Below Derby Dam (Thisby) | 11/5/2001 | Speckled Dace | 2.00 | | |
| Below Derby Dam (Thisby) | 11/5/2001 | Fathead Minnow | 69.00 | 1.9 | 1.0-2.4 |
| Below Derby Dam (Thisby) | 10/10/2000 | Brown Trout | 7.00 | 16.1 | 14.5-18.9 |
| Below Derby Dam (Thisby) | 10/10/2000 | Rainbow Trout | 1.00 | 5.5 | -- |
| Below Derby Dam (Thisby) | 10/10/2000 | Redside Shiner | 25.00 | 3.1 | 2.6-3.5 |
| Below Derby Dam (Thisby) | 10/10/2000 | Tahoe Sucker | 23.00 | 8.3 | 4.1-12.1 |
| Below Derby Dam (Thisby) | 10/10/2000 | Green Sunfish | 2.00 | 4.9 | 4.8-4.9 |
| Below Derby Dam (Thisby) | 10/26/1999 | Brown Trout | 1.00 | 10 | -- |
| Below Derby Dam (Thisby) | 10/26/1999 | Rainbow Trout | 5.00 | 6.5 | 5.2-7.6 |
| Below Derby Dam (Thisby) | 10/26/1999 | Lahontan Cutthroat Trout | 1.00 | 10.3 | -- |
| Below Derby Dam (Thisby) | 10/26/1999 | Mountain Whitefish | 9.00 | 7.4 | 6.5-10.1 |
| Below Derby Dam (Thisby) | 10/26/1999 | Redside Shiner | 36.00 | 3.2 | 2.4-3.7 |

RIVER
MILE
(from L..
Tahoe)

| Site Name | Date Sampled | Species | Number Collected | Avg Length (in) | Size Range (in) |
|--------------------------|--------------|--------------------------|------------------|-----------------|-----------------|
| Below Derby Dam (Thisby) | 10/26/1999 | Lahontan Mountain Sucker | 3.00 | 4.8 | 4.6-4.9 |
| Below Derby Dam (Thisby) | 10/26/1999 | Tahoe Sucker | 52.00 | 9.5 | 7.0-11.6 |
| Below Derby Dam (Thisby) | 10/26/1999 | Green Sunfish | 14.00 | 3.5 | 2.9-5.0 |
| Below Derby Dam (Thisby) | 10/26/1999 | Largemouth Bass | 2.00 | 2.9 | 2.5-3.3 |
| Below Derby Dam (Thisby) | 10/26/1999 | Brown Trout | 6.00 | 16.1 | 12.2-19.8 |
| Below Derby Dam (Thisby) | 10/26/1999 | Rainbow Trout | 16.00 | 8.8 | 5.7-14.8 |
| Below Derby Dam (Thisby) | 10/26/1999 | Lahontan Cutthroat Trout | 6.00 | 9.5 | 8.8-10.2 |
| Below Derby Dam (Thisby) | 10/26/1999 | Mountain Whitefish | 4.00 | 8.5 | 6.5-10.1 |
| Below Derby Dam (Thisby) | 8/6/1997 | Lahontan Cutthroat Trout | 78.00 | 8.78 | 7.0-12.7 |
| Below Derby Dam (Thisby) | 8/6/1997 | Brown Trout | 7.00 | 12.16 | 5.4-15.5 |
| Below Derby Dam (Thisby) | 8/6/1997 | Rainbow Trout | 3.00 | 10.1 | 7.9-11.7 |
| Below Derby Dam (Thisby) | 8/6/1997 | Green Sunfish | 21.00 | 3.65 | 3.3-4.0 |
| Below Derby Dam (Thisby) | 8/6/1997 | Redside Shiner | 134.00 | 2.9 | 2.3-3.4 |
| Below Derby Dam (Thisby) | 8/6/1997 | Carp | 15.00 | 19.36 | 15.1-24.6 |
| Below Derby Dam (Thisby) | 8/6/1997 | Tahoe Sucker | 5.00 | 4.48 | 3.3-8.5 |
| Below Derby Dam (Thisby) | 8/6/1997 | Lahontan Mountain Sucker | 4.00 | 3.78 | 3.2-5.2 |
| Below Derby Dam (Thisby) | 10/15/1997 | Lahontan Cutthroat Trout | 22.00 | 9.81 | 7.8-16.1 |

RIVER
MILE
(from L..
Tahoe)

| Site Name | Date Sampled | Species | Number Collected | Avg Length (in) | Size Range (in) |
|--------------------------|--------------|--------------------------|------------------|-----------------|-----------------|
| Below Derby Dam (Thisby) | 10/15/1997 | Rainbow Trout | 6.00 | 10.88 | 6.3-12.7 |
| Below Derby Dam (Thisby) | 10/15/1997 | Brown Trout | 4.00 | 14.83 | 12.7-16.8 |
| Below Derby Dam (Thisby) | 10/15/1997 | Green Sunfish | 16.00 | 3.66 | 2.8-5.1 |
| Below Derby Dam (Thisby) | 10/15/1997 | Largemouth Bass | 1.00 | 4.3 | -- |
| Below Derby Dam (Thisby) | 10/15/1997 | Redside Shiner | 61.00 | 3.39 | 2.7-3.8 |
| Below Derby Dam (Thisby) | 10/15/1997 | Tahoe Sucker | 3.00 | 4.4 | 2.9-6.0 |
| Below Derby Dam (Thisby) | 10/15/1997 | Lahontan Mountain Sucker | 2.00 | 4.1 | 3.8-4.4 |
| Below Derby Dam (Thisby) | 10/15/1997 | Speckled Dace | 1.00 | 2.6 | -- |
| Below Derby Dam (Thisby) | 11/12/1996 | Brown Trout | 8.00 | 14.98 | 12.1-19.0 |
| Below Derby Dam (Thisby) | 11/12/1996 | Rainbow Trout | 5.00 | 11.92 | 6.3-17.6 |
| Below Derby Dam (Thisby) | 11/12/1996 | Lahontan Cutthroat Trout | 2.00 | 12.75 | 12.1-13.4 |
| Below Derby Dam (Thisby) | 11/12/1996 | Mountain Whitefish | 6.00 | 6.92 | 6.2-7.6 |
| Below Derby Dam (Thisby) | 11/12/1996 | Redside Shiner | 60.00 | 3.46 | 2.4-4.2 |
| Below Derby Dam (Thisby) | 11/12/1996 | Tahoe Sucker | 35.00 | 6.88 | 3.3-10.9 |
| Below Derby Dam (Thisby) | 11/12/1996 | Lahontan Mountain Sucker | 4.00 | 3.65 | 3.5-3.8 |
| Below Derby Dam (Thisby) | 11/12/1996 | Speckled Dace | 4.00 | 2.15 | 1.8-2.3 |
| Below Derby Dam (Thisby) | 11/12/1996 | Fathead Minnow | 3.00 | 2.07 | 1.8-2.2 |

RIVER
MILE
(from L..
Tahoe)

87

| Site Name | Date Sampled | Species | Number Collected | Avg Length (in) | Size Range (in) |
|--------------|--------------|--------------------------|------------------|-----------------|-----------------|
| Painted Rock | 10/15/2002 | Brown Trout | 2.00 | 16.52 | 11.5-21.2 |
| Painted Rock | 10/15/2002 | Rainbow Trout | 1.00 | 16.52 | -- |
| Painted Rock | 10/15/2002 | Redside Shiner | 235.00 | 2.72 | 1.77-3.7 |
| Painted Rock | 10/15/2002 | Lahontan Mountain Sucker | 5.00 | 0.2 | 2.64-6.85 |
| Painted Rock | 10/15/2002 | Tahoe Sucker | 19.00 | 0.76 | 2.24-7.01 |
| Painted Rock | 10/10/2000 | Brown Trout | 3.00 | 10.5 | 9.7 - 11.2 |
| Painted Rock | 10/10/2000 | Rainbow Trout | 25.00 | 5.3 | 3.9 - 6.5 |
| Painted Rock | 10/10/2000 | Redside Shiner | 25.00 | 2.8 | 1.6 - 3.5 |
| Painted Rock | 10/10/2000 | Speckled Dace | 4.00 | 2.1 | 1.9 - 2.4 |
| Painted Rock | 10/10/2000 | Lahontan Mountain Sucker | 4.00 | 3.6 | 3.1 - 4.2 |
| Painted Rock | 10/10/2000 | Tahoe Sucker | 8.00 | 4.2 | 2.3 - 11.8 |
| Painted Rock | 10/25/1999 | Rainbow Trout | 14.00 | 6.3 | 3.9-8.3 |
| Painted Rock | 10/25/1999 | Brown Trout | 12.00 | 7 | 6.6-7.7 |
| Painted Rock | 10/25/1999 | Lahontan Cutthroat Trout | 1.00 | 7.9 | -- |
| Painted Rock | 10/25/1999 | Lahontan Mountain Sucker | 2.00 | 4.6 | 4.5-4.7 |
| Painted Rock | 10/25/1999 | Tahoe Sucker | 1.00 | 8.1 | -- |
| Painted Rock | 10/8/1998 | Brown Trout | 7.00 | 5.91 | 4.8-6.4 |
| Painted Rock | 10/8/1998 | Lahontan Cutthroat Trout | 1.00 | 10 | -- |
| Painted Rock | 10/8/1998 | Redside Shiner | 140.00 | 2.38 | 1.8-3.0 |
| Painted Rock | 10/8/1998 | Tahoe Sucker | 14.00 | 4.22 | 1.2-6.3 |
| Painted Rock | 10/8/1998 | Lahontan Mountain Sucker | 1.00 | 5.3 | -- |
| Painted Rock | 8/5/1997 | Brown Trout | 28.00 | 4.87 | 3.9-11.3 |
| Painted Rock | 8/5/1997 | Lahontan Cutthroat Trout | 13.00 | 7.26 | 6.1-8.1 |
| Painted Rock | 8/5/1997 | Redside Shiner | 35.00 | 2.53 | 2.2-2.9 |
| Painted Rock | 8/4/1997 | Tahoe Sucker | 30.00 | 6.4 | 3.6-11.3 |
| Painted Rock | 8/4/1997 | Lahontan Mountain Sucker | 24.00 | 3.89 | 3.3-4.8 |

RIVER
MILE
(from L..
Tahoe)

| Site Name | Date Sampled | Species | Number Collected | Avg Length (in) | Size Range (in) |
|--------------|--------------|--------------------------|------------------|-----------------|-----------------|
| Painted Rock | 10/14/1997 | Brown Trout | 42.00 | 7.05 | 5.0-16.6 |
| Painted Rock | 10/14/1997 | Rainbow Trout | 11.00 | 10.7 | 7.8-12.2 |
| Painted Rock | 10/14/1997 | Lahontan Cutthroat Trout | 1.00 | 6.9 | -- |
| Painted Rock | 10/14/1997 | Lahontan Mountain Sucker | 3.00 | 4.67 | 3.5-5.8 |
| Painted Rock | 11/12/1997 | Brown Trout | 11.00 | 10.96 | 6.8-17.4 |
| Painted Rock | 11/12/1997 | Rainbow Trout | 9.00 | 11.5 | 9.9-12.7 |
| Painted Rock | 11/12/1997 | Lahontan Cutthroat Trout | 5.00 | 8.48 | 7.8-9.0 |
| Painted Rock | 11/12/1997 | Largemouth Bass | 2.00 | 3.2 | 3.0-3.4 |
| Painted Rock | 11/12/1997 | Carp | 22.00 | 24.9 | 16.8-33.0 |
| Painted Rock | 9/23/1996 | Brown Trout | 9.00 | 11.3 | 7.9-15.7 |
| Painted Rock | 9/23/1996 | Carp | 2.00 | 19.1 | 18.2-20.0 |
| Painted Rock | 9/23/1996 | Tahoe Sucker | 1.00 | 7.5 | -- |
| Painted Rock | 9/23/1996 | Lahontan Mountain Sucker | 1.00 | 3.7 | -- |
| Painted Rock | 10/10/1995 | Brown Trout | 4.00 | 8.25 | 7.6-9.2 |
| Painted Rock | 10/10/1995 | Redside Shiner | 22.00 | 3.3 | 2.7-3.9 |
| Painted Rock | 10/10/1995 | Tahoe Sucker | 19.00 | 6.7 | 4.2-12.2 |
| Painted Rock | 10/10/1995 | Carp | 2.00 | 17.25 | 17.0-17.5 |
| Painted Rock | 10/10/1995 | Lahontan Mountain Sucker | 1.00 | 3.8 | -- |
| Painted Rock | 10/10/1995 | Fathead Minnow | 1.00 | 2.8 | -- |
| Painted Rock | 9/8/1992 | Brown Trout | 2.00 | 4.75 | 3.5-6.0 |
| Painted Rock | 9/8/1992 | Largemouth Bass | 1.00 | 8.4 | -- |
| Painted Rock | 9/8/1992 | Redside Shiner | 54.00 | 1.78 | 1.5-2.5 |
| Painted Rock | 9/4/1992 | Carp | 2.00 | 4.45 | 3.6-5.3 |
| Painted Rock | 9/8/1992 | Mirror carp | 2.00 | 4.85 | 4.3-5.4 |
| Painted Rock | 9/8/1992 | Tahoe Sucker | 1.00 | 3.3 | -- |
| Painted Rock | 10/12/1993 | Brown Trout | 16.00 | 10.41 | 8.6-12.5 |
| Painted Rock | 10/12/1993 | Tahoe Sucker | 2.00 | 8.5 | 7.2-9.8 |
| Painted Rock | 10/12/1993 | Green Sunfish | 1.00 | 3.4 | -- |
| Painted Rock | 9/27/1994 | Brown Trout | 3.00 | 10.87 | 8.9-13.3 |

RIVER
MILE
(from L..
Tahoe)

| Site Name | Date Sampled | Species | Number Collected | Avg Length (in) | Size Range (in) |
|--------------|--------------|--------------------------|------------------|-----------------|-----------------|
| Painted Rock | 9/27/1994 | Green Sunfish | 2.00 | 1.95 | 1.7-2.2 |
| Painted Rock | 9/27/1994 | Redside Shiner | 272.00 | 2.16 | 1.2-3.2 |
| Painted Rock | 9/27/1994 | Fathead Minnow | 18.00 | 1.93 | 1.6-2.6 |
| Painted Rock | 9/27/1994 | Tahoe Sucker | 5.00 | 2.52 | 2.0-3.0 |
| Painted Rock | 9/27/1994 | Lahontan Mountain Sucker | 1.00 | 4 | -- |
| Painted Rock | 6/23/1992 | Brown Trout | 33.00 | 6.9 | 3.6-12.5 |
| Painted Rock | 6/23/1992 | Tahoe Sucker | 23.00 | 5.17 | 4.2-7.3 |
| Painted Rock | 6/23/1992 | Redside Shiner | 3.00 | 3.3 | 2.9-4.0 |
| Painted Rock | 10/4/1991 | Brown Trout | 2.00 | 8.55 | 8.4-8.7 |
| Painted Rock | 10/4/1991 | Largemouth Bass | 7.00 | 4.63 | 3.8-5.5 |
| Painted Rock | 10/4/1991 | Green Sunfish | 1.00 | 4.2 | -- |
| Painted Rock | 8/7/1990 | Brown Trout | 30.00 | 7.5 | 3.2-10.0 |
| Painted Rock | 8/7/1990 | Rainbow Trout | 3.00 | 7.9 | 7.5-8.5 |
| Painted Rock | 8/7/1990 | Tahoe Sucker | 5.00 | 5.44 | 2.7-6.6 |
| Painted Rock | 8/7/1990 | Redside Shiner | 2.00 | 3.2 | 2.2-4.2 |
| Painted Rock | 8/7/1990 | Carp | 1.00 | 3.9 | -- |
| Painted Rock | 10/18/1989 | Brown Trout | 5.00 | 6.12 | 5.5-6.6 |
| Painted Rock | 10/18/1989 | Rainbow Trout | 2.00 | 5.35 | 5.3-5.4 |
| Painted Rock | 10/18/1989 | Lahontan Mountain Sucker | 15.00 | 4.64 | 3.2-5.5 |
| Painted Rock | 8/17/1988 | Brown Trout | 12.00 | 4.3 | 3.0-4.9 |
| Painted Rock | 8/17/1988 | Rainbow Trout | 2.00 | 8.7 | 8.6-8.7 |
| Painted Rock | 8/17/1988 | Largemouth Bass | 1.00 | 3.3 | -- |
| Painted Rock | 8/17/1988 | Redside Shiner | 286.00 | 2.91 | 2.4-3.9 |
| Painted Rock | 8/17/1988 | Lahontan Mountain Sucker | 77.00 | 3.68 | 2.5-4.6 |
| Painted Rock | 8/17/1988 | Tahoe Sucker | 12.00 | 5.78 | 4.3-8.2 |
| Painted Rock | 8/17/1988 | Carp | 2.00 | 3.45 | 3.0-3.9 |
| Painted Rock | 8/17/1988 | Fathead Minnow | 1.00 | 2.9 | -- |
| Painted Rock | 10/1/1988 | Brown Trout | 3.00 | 5.83 | 2.6-12.0 |
| Painted Rock | 10/1/1988 | Lahontan Mountain Sucker | 24.00 | 3.28 | 2.4-4.8 |
| Painted Rock | 10/1/1987 | Brown Trout | 49.00 | 7.22 | 3.6-10.3 |

RIVER
MILE
(from L..
Tahoe)

| Site Name | Date Sampled | Species | Number Collected | Avg Length (in) | Size Range (in) |
|--------------|--------------|--------------------------|------------------|-----------------|-----------------|
| Painted Rock | 10/1/1987 | Rainbow Trout | 2.00 | 9.85 | 8.8-10.9 |
| Painted Rock | 10/1/1987 | Redside Shiner | 168.00 | 3.04 | 2.3-4.0 |
| Painted Rock | 10/1/1987 | Lahontan Mountain Sucker | 61.00 | 3.9 | 3.2-5.4 |
| Painted Rock | 10/1/1987 | Tahoe Sucker | 9.00 | 5.41 | 3.4-7.3 |
| Painted Rock | 10/1/1986 | Brown Trout | 46.00 | 3.96 | 3.1-5.0 |
| Painted Rock | 10/1/1986 | Rainbow Trout | 2.00 | 9.3 | 9.0-9.6 |
| Painted Rock | 10/1/1986 | Green Sunfish | 1.00 | 3.8 | -- |
| Painted Rock | 10/1/1986 | Lahontan Mountain Sucker | 63.00 | 4.6 | 3.6-5.6 |
| Painted Rock | 10/1/1986 | Tahoe Sucker | 54.00 | 5.91 | 3.8-9.2 |
| Painted Rock | 10/1/1985 | Brown Trout | 19.00 | 8.72 | 7.5-11.5 |
| Painted Rock | 10/1/1985 | Rainbow Trout | 1.00 | 11.5 | -- |
| Painted Rock | 10/1/1985 | Tahoe Sucker | 1.00 | 4.3 | -- |
| Painted Rock | 10/1/1985 | Lahontan Mountain Sucker | 7.00 | 4.16 | 3.5-5.4 |
| Painted Rock | 10/1/1985 | Green Sunfish | 2.00 | 4.15 | 4.1-4.2 |
| Painted Rock | 10/1/1984 | Largemouth Bass | 8.00 | 3.39 | 2.6-4.2 |
| Painted Rock | 10/1/1984 | Green Sunfish | 8.00 | 2.09 | 1.4-2.7 |
| Painted Rock | 10/1/1984 | Brown Trout | 1.00 | 8.9 | -- |
| Painted Rock | 10/1/1984 | Tahoe Sucker | 98.00 | 6.85 | 2.0-11.0 |
| Painted Rock | 10/1/1984 | Lahontan Mountain Sucker | 58.00 | 4.3 | 3.4-5.4 |
| Painted Rock | 10/1/1984 | Redside Shiner | 15.00 | 3.25 | 2.7-3.5 |
| Painted Rock | 10/1/1984 | Carp | 3.00 | 6.9 | 2.4-15.7 |
| Painted Rock | 11/5/2001 | Brown Trout | 3.00 | 15.9 | 6.0-22.0 |
| Painted Rock | 11/5/2001 | Rainbow Trout | 3.00 | 11 | 7.0-13.2 |
| Painted Rock | 11/5/2001 | Redside Shiner | 170.00 | 3 | 2.5-5.9 |
| Painted Rock | 11/5/2001 | Lahontan Mountain Sucker | 6.00 | 4.5 | 2.0-10.5 |
| Painted Rock | 11/5/2001 | Tahoe Sucker | 30.00 | 4.7 | 2.0-10.5 |
| Painted Rock | 11/5/2001 | Carp | 1.00 | 4.9 | -- |
| Painted Rock | 11/5/2001 | Fathead Minnow | 3.00 | 2 | 2.0-2.0 |
| 90 Big Bend | 8/4/1997 | Redside Shiner | 20.00 | 2.73 | 2.4-3.8 |

RIVER
MILE
(from L..
Tahoe)

| | Site Name | Date Sampled | Species | Number Collected | Avg Length (in) | Size Range (in) |
|----|-----------|--------------|--------------------------|------------------|-----------------|-----------------|
| | Big Bend | 8/4/1997 | Lahontan Mountain Sucker | 11.00 | 3.65 | 2.8-6.0 |
| | Big Bend | 8/4/1997 | Tahoe Sucker | 6.00 | 6.82 | 2.9-8.7 |
| | Big Bend | 8/4/1997 | Carp | 1.00 | 20 | -- |
| | Big Bend | 9/25/1996 | Lahontan Cutthroat Trout | 1.00 | 9.4 | -- |
| | Big Bend | 9/25/1996 | Redside Shiner | 24.00 | 3.71 | 3.4-4.2 |
| | Big Bend | 9/25/1997 | Tahoe Sucker | 7.00 | 5.67 | 4.2-7.4 |
| | Big Bend | 9/25/1996 | Lahontan Mountain Sucker | 7.00 | 3.13 | 2.2-4.3 |
| 91 | Wadsworth | 10/13/1997 | Rainbow Trout | 19.00 | 5.07 | 3.9-6.2 |
| | Wadsworth | 10/13/1997 | Lahontan Cutthroat Trout | 7.00 | 8.86 | 6.2-13.8 |
| | Wadsworth | 10/13/1997 | Largemouth Bass | 1.00 | 5 | -- |
| | Wadsworth | 10/13/1997 | Green Sunfish | 1.00 | 2.4 | -- |
| | Wadsworth | 10/13/1997 | Lahontan Mountain Sucker | 86.00 | 5.14 | 4.2-6.4 |
| | Wadsworth | 10/13/1997 | Redside Shiner | 69.00 | 3.37 | 2.7-4.0 |
| | Wadsworth | 10/13/1997 | Tahoe Sucker | 1.00 | 7.4 | -- |
| | Wadsworth | 10/8/1998 | Brown Trout | 3.00 | 5.73 | 5.5-6.0 |
| | Wadsworth | 10/8/1998 | Lahontan Cutthroat Trout | 2.00 | 11.7 | 8.3-15.1 |
| | Wadsworth | 10/8/1998 | Mountain Whitefish | 7.00 | 5.83 | 5.0-6.5 |
| | Wadsworth | 10/8/1998 | Lahontan Mountain Sucker | 22.00 | 3.86 | 2.9-5.4 |
| | Wadsworth | 10/8/1998 | Redside Shiner | 14.00 | 2.9 | 1.5-3.7 |
| | Wadsworth | 10/8/1998 | Tahoe Sucker | 4.00 | 5.98 | 4.5-8.9 |
| | Wadsworth | 8/4/1997 | Lahontan Cutthroat Trout | 4.00 | 6.88 | 3.3-13.3 |
| | Wadsworth | 8/4/1997 | Rainbow Trout | 2.00 | 3.2 | 3.2-3.2 |
| | Wadsworth | 8/4/1997 | Lahontan Mountain Sucker | 104.00 | 3.92 | 3.5-5.6 |
| | Wadsworth | 8/4/1997 | Redside Shiner | 38.00 | 3.02 | 2.2-3.9 |
| | Wadsworth | 8/4/1997 | Tahoe Sucker | 9.00 | 6.47 | 3.0-8.2 |

RIVER
MILE
(from L..
Tahoe)

| | Site Name | Date Sampled | Species | Number Collected | Avg Length (in) | Size Range (in) |
|-----|-----------|--------------|--------------------------|------------------|-----------------|-----------------|
| 100 | Wadsworth | 8/4/1997 | Fathead Minnow | 1.00 | 2.2 | -- |
| | SBarS | 9/25/1996 | Redside Shiner | 271.00 | 2.93 | 1.8-3.6 |
| | SBarS | 9/25/1996 | Lahontan Mountain Sucker | 80.00 | 2.26 | 2.0-2.6 |
| 107 | SBarS | 9/25/1996 | Tahoe Sucker | 1.00 | 2.4 | -- |
| | Nixon | 10/13/1997 | Brown Trout | 2.00 | 3.05 | 1.0-5.1 |
| | Nixon | 10/13/1997 | Lahontan Cutthroat Trout | 2.00 | 1.35 | 1.3-1.4 |
| | Nixon | 10/13/1997 | Rainbow Trout | 2.00 | 1.4 | 1.4-1.4 |