

State of California
The Natural Resources Agency
DEPARTMENT OF FISH AND WILDLIFE

**Lake Davis Pike Eradication
2010-2012 Post-Project Monitoring**

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November 13, 2013

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ACRONYMS

North Lake Davis

MS Mosquito Slough (1)*
MSS South Mosquito (1)
MSSS South of South Mosquito (1)
FC Freeman Cove area (2)

West Lake Davis

CC Cow Cove area (2)
HH Honey Hole Cove area (2)
FG Fugarui Cove area (2)
WP Willow Point area (3)
JC Jenkins Cove area (3)
NC5 North Camp Five area (3)
SC5 South Camp Five area (4)
DB Dan Blough Cove area (4)
EP Eagle Point (4)
OC Osprey Cove area (4)

East Lake Davis

FV Fairview area (1)
BC Bluff Cove area (1)
LT Lightning Tree Cove area (1)
FTP Five Tree Point area (6)
JP Juniper Point area (6)
MC Mallard Cove area (6)
CB Coot Bay area (5)
HC Honker Cove area (5)
GH Grasshopper Cove area (5)

South Lake Davis

DM Dam area (5)
CF Catfish Cove area (5)

Islands

NI North Island
SI South Island

Lake Davis Tributaries

GCKL Lower Big Grizzly Creek; below dam
GCKU Upper Big Grizzly Creek; above dam
FCK Freeman Creek
CCK Cow Creek
OCK Oldhouse Creek
DBCK Dan Blough Creek

Methods of Capture

EB Boat electrofisher
EP Backpack electrofisher

Fish Species

BB Brown bullhead
Ameiurus nebulosus
GSH Golden shiner
Notemigonus crysoleucas
LMB Largemouth bass
Micropterus salmoides
PSD Pumpkinseed
Lepomis gibbosus
RT Rainbow trout
Oncorhynchus mykiss

* Numbers in parentheses denote study areas used in previous Lake Davis work, and are provided here to enable cross-reference.

I. INTRODUCTION

Northern pike, *Esox lucius*, are a non-native, invasive, predatory fish species illegally introduced to California. They have the potential to seriously impact California's aquatic ecosystems. Northern pike were first discovered in California at Frenchman Reservoir, Plumas County, in 1989. Due to the potential harmful impacts to statewide water management, aquatic ecosystems, and recreational fisheries both in Frenchman Reservoir and throughout the waters of the state, California Department of Fish and Game (DFG) determined it was necessary to eradicate northern pike from Frenchman Reservoir. After the required legal and environmental review, in June 1991 DFG successfully eradicated northern pike from Frenchman Reservoir using a commercial formulation of the piscicide rotenone (DFG 2007).

Northern pike were discovered in Lake Davis, Plumas County, in 1994. Lake Davis is approximately 26 kilometers (km) west of Frenchman Reservoir. Similar to Frenchman Reservoir, Lake Davis is a dammed reservoir located 8 km above the Middle Fork Feather River. Grizzly Valley Dam precludes fish passage from the Middle Fork Feather River into Lake Davis therefore northern pike were presumably introduced illegally. In October 1997, after completion of the California Environmental Quality Act (CEQA) process, much public debate, and several court challenges, DFG applied the commercial piscicides Nusyn-noxfish® and powdered rotenone to Lake Davis and its tributaries to eliminate northern pike.

In May 1999, a northern pike was caught in Lake Davis by an angler. Subsequent sampling confirmed the presence of northern pike in Lake Davis (DFG 2007). The origin of these northern pike is unknown. Genetic studies indicate that northern pike collected in 1999 were genetically indistinguishable from fish collected prior to the 1997 treatment (Aguilar et. al. 2005). It is unknown whether these fish 1) survived the 1997 treatment, 2) were removed from Lake Davis prior to the treatment and then later reintroduced, or 3) were a second introduction of pike from the original, unidentified source.

In September 2007, again after considerable public involvement and the completion of the CEQA process, DFG conducted a second chemical treatment of all waters within the Lake Davis watershed upstream of Grizzly Valley Dam. This included the lake, its tributary streams, and associated standing water. Immediately following the treatment in 2007 DFG conducted extensive post-treatment monitoring of fish populations in Lake Davis and its tributaries to determine if the chemical treatment had successfully removed northern pike from the watershed. Monitoring of Lake Davis and its tributaries, the Middle Fork Feather River, and other waters of Plumas County occurred in 2008. The 2009 monitoring included Lake Davis and its tributaries. In 2010 monitoring was limited to the lake. Similar to 2009, the 2011 and 2012 monitoring effort included Lake Davis and its tributaries.

This report summarizes the results of the 2010, 2011, and 2012 monitoring in Lake Davis and its tributaries. The results of the 2007 post-project monitoring of Lake Davis and its tributaries (Stephens and Paulsen 2007; Roberts 2008), 2008 monitoring of Lake Davis, its tributaries, and the Middle Fork Feather River (LaCoss and Rossi 2011a), 2008 monitoring of other waters of Plumas County (LaCoss and Rossi 2011b), and 2009 monitoring of Lake Davis and its tributaries (LaCoss and Rossi 2011c) are summarized in previous reports.

II. METHODS

Monitoring was conducted by sampling the lake and tributaries for fish using methods appropriate for the respective habitat types, and that have been demonstrated to be effective at capturing northern pike (DFG 2000). Sampling methods included both boat and backpack electrofishing. A minimum of 30 fish captured during each sampling event of each species were randomly sub-sampled and measured (total length (TL); millimeters (mm)) and weighed (grams (g)). Sampling events were defined as one monitoring period using a given area electrofished. If more than thirty fish per event were captured they were tallied by species. Capture rates for each method and species were calculated as catch per unit effort (CPUE), by dividing the number of fish captured by the hours sampled.

Boat Electrofisher

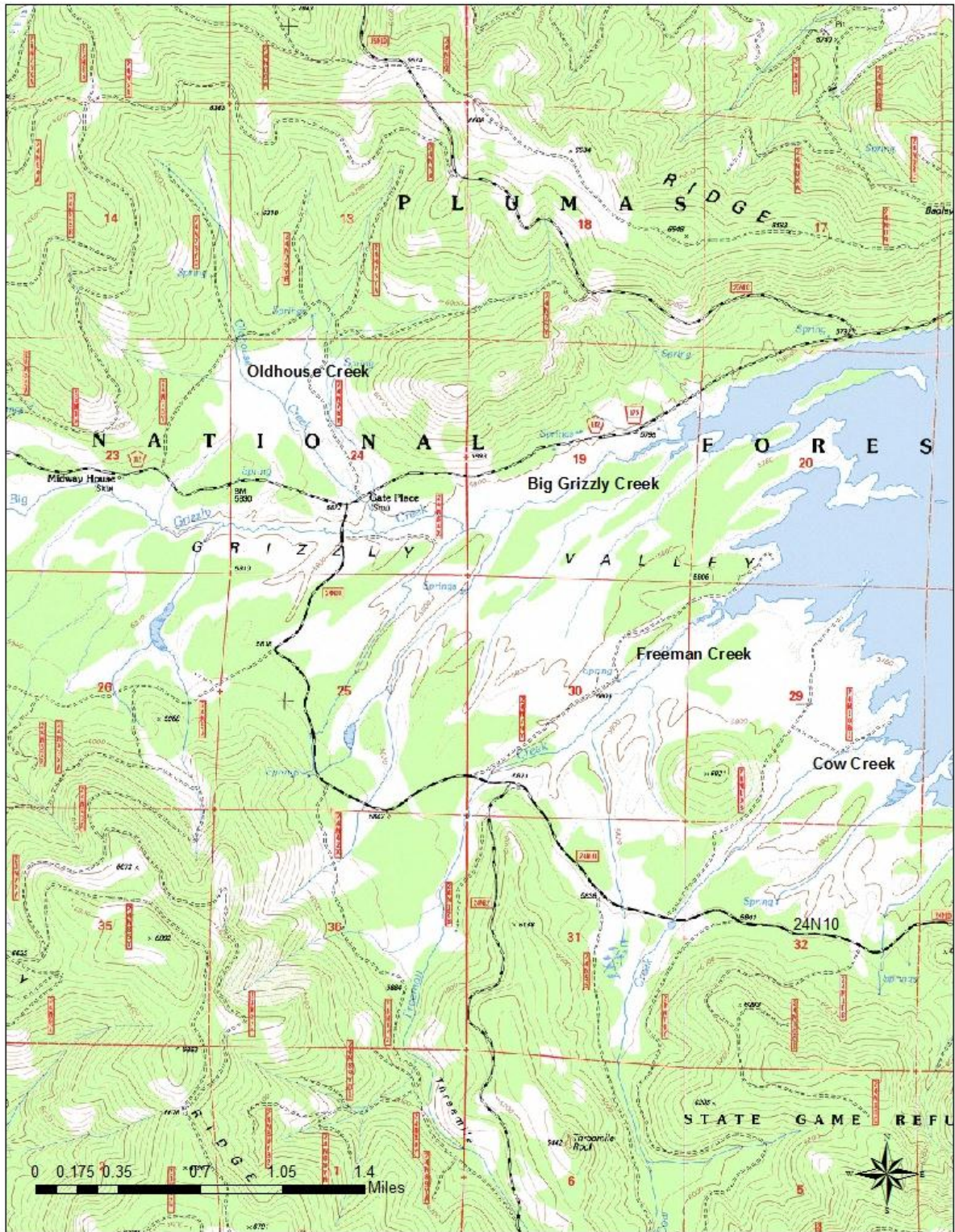
Smith-Root electrofishing boats (SR-18) were used during daylight hours between May and September to sample the shallow water and weedy areas, the preferred habitat of northern pike, around the perimeter of Lake Davis (Figure 1). Based on prior experience, electrofishing during daylight produced comparable capture rates to night sampling (DFG 2000). Boat output was generally set between 60%-80% DC Low at 120 volts producing between 6 to 8 amperes output.

Backpack Electrofisher

Smith-Root backpack electrofishers (LR-24) were used during daylight hours between June and August to sample the four primary tributaries of Lake Davis: Cow Creek, Freeman Creek, Oldhouse Creek, and upper Big Grizzly Creek (Figure 2). The electrofishing units were set between 425-500 volts. Each tributary was sampled with a single pass from the mouth of each creek upstream to the road that circles the lake (Forest Service road 24N10), with the exception of Oldhouse Creek, which was sampled from the mouth (where it feeds into upper Big Grizzly Creek) upstream until the creek goes dry.

A mark-recapture survey was conducted during the 2012 tributary monitoring in an attempt to obtain a rainbow trout population estimate. The Lincoln-Peterson method of analysis was used for the population estimate. Only rainbow trout over 100 mm were included in the survey to avoid undue stress to young of the year fish. All rainbow trout greater than 100 mm were measured and marked by an adipose fin clip, and released alive back into the creek. The recapture efforts were conducted one week after the original mark date. The same equipment, settings, and staff were used for the recapture. Only rainbow trout over 100 mm were enumerated during the recapture and the fish were tallied according to the presence or absence of an adipose fin (Table 8).

Figure 2. Lake Davis tributaries sampled with backpack electrofishing.



III. RESULTS

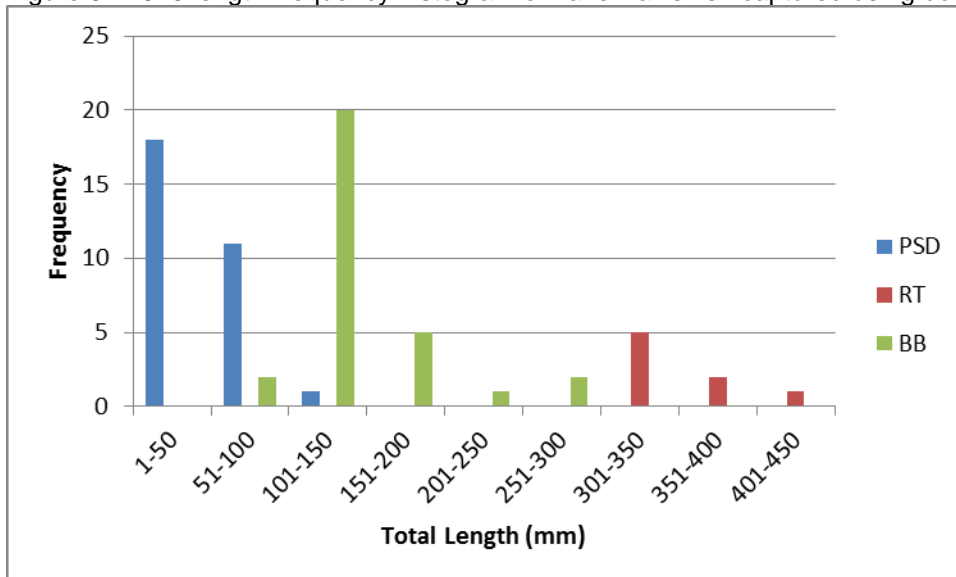
Lake Davis 2010

Lake Davis was sampled by boat electrofisher with a total of 3 sampling events (Appendix A). A total of 0.84 hours of electrofishing occurred during these events, resulting in the capture of a total of 214 fish, of which 68 were measured. Three species of fish were captured: pumpkinseed (*Lepomis gibbosus*; 38-115 mm; mean TL = 60 mm), rainbow trout (*Oncorhynchus mykiss*; 330-438 mm; mean TL = 354 mm), and brown bullhead (*Ameiurus nebulosus*; 53-295 mm; mean TL = 147 mm) (Table 1). Individual length and weight data for fish measured during electrofishing events is provided in Appendix B, and in a length frequency histogram in Figure 3.

Table 1. 2010 summary of fish captured in Lake Davis using boat electrofishing.

Species	Number Captured	Number Measured	Species Composition (%)	CPUE (fish per hour)
Pumpkinseed	176	30	82%	210
Rainbow trout	8	8	4%	10
Brown bullhead	30	30	14%	36
Total	214	68	100%	255

Figure 3. 2010 length-frequency histogram of Lake Davis fish captured using boat electrofishing.



Lake Davis Tributaries 2010

The Lake Davis tributaries were not sampled during the 2010 field season.

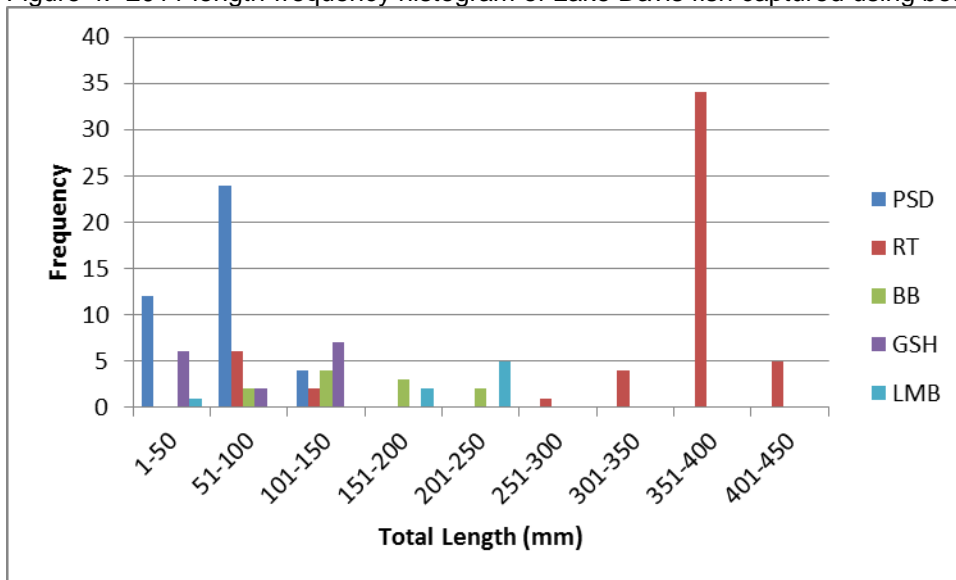
Lake Davis 2011

Lake Davis was sampled by boat electrofisher with a total of 4 sampling events (Appendix A). A total of 5.63 hours of electrofishing occurred during these events, resulting in the capture of a total of 163 fish, of which 126 were measured. Five species of fish were captured: pumpkinseed (27-121 mm; mean TL = 65 mm), rainbow trout (85-436 mm; mean TL = 337 mm), brown bullhead (72-231 mm; mean TL = 154 mm), golden shiner (*Notemigonus crysoleucas*; 30-116 mm; mean TL = 76 mm); and largemouth bass (*Micropterus salmoides*; 39-234 mm; mean TL = 186 mm) (Table 2). Individual length and weight data for fish measured during electrofishing events is provided in Appendix B, and in a length frequency histogram in Figure 4.

Table 2. 2011 summary of fish captured in Lake Davis using boat electrofishing.

Species	Number Captured	Number Measured	Species Composition (%)	CPUE (fish per hour)
Pumpkinseed	62	40	38%	11
Rainbow trout	67	52	41%	12
Brown bullhead	11	11	7%	2
Golden shiner	15	15	9%	3
Largemouth bass	8	8	5%	1
Total	163	126	100%	29

Figure 4. 2011 length-frequency histogram of Lake Davis fish captured using boat electrofishing.



Lake Davis Tributaries 2011

In 2011 Lake Davis tributaries were sampled by backpack electrofishers with a total of 5 sampling events (Appendix A). A total of 3.09 hours of backpack electrofishing occurred during these events (all backpack units combined), resulting in the capture of 961 fish, of which 128 were measured. Four species were captured: rainbow trout (35-410 mm; mean TL = 84 mm), pumpkinseed, brown bullhead (60 mm), and golden shiner (101 mm) (Table 3). The individual creek results were: 33 fish from upper Big Grizzly Creek, 564 fish from Freeman Creek, 342 fish

from Cow Creek, and 22 fish from Oldhouse Creek (Table 4). The CPUE for all species and tributaries combined was 311 fish per hour. The majority of the rainbow trout observed were in the one year old size class (90-100 mm) (Moyle 2002) (Figure 5). Individual length and weight data for fish measured during electrofishing events is provided in Appendix B, and species length frequency histograms in Figure 5.

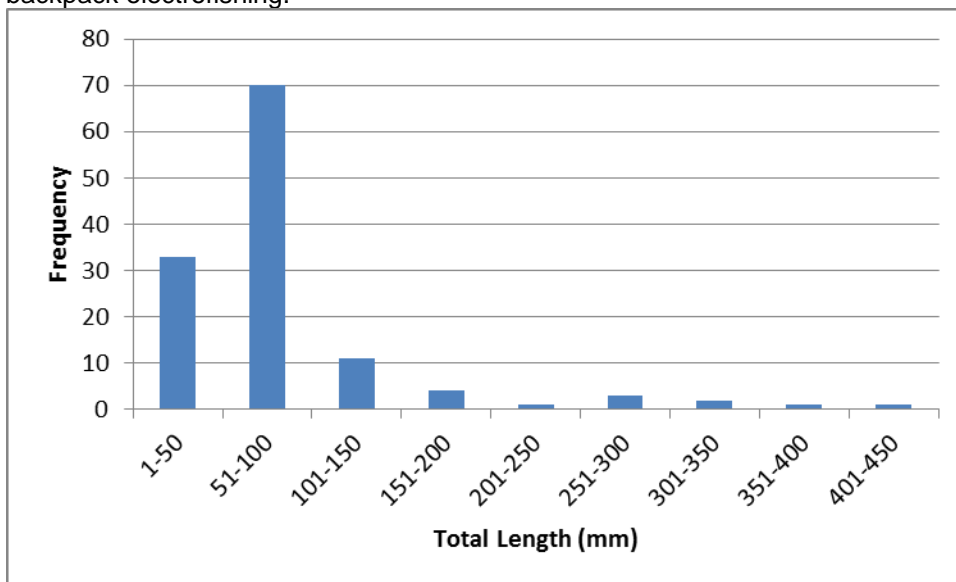
Table 3. 2011 summary of fish captured from all tributaries combined using backpack electrofishing.

Species	Number Captured	Number Measured	Species Composition (%)	CPUE (fish per hour)
Pumpkinseed	5	0	0.52%	2
Rainbow trout	943	126	98.13%	305
Brown bullhead	2	1	0.21%	1
Golden shiner	11	1	1.14%	4
Total	961	128	100%	311

Table 4. 2011 individual tributary fish capture results.

Location	No. of RT	No. of BB	No. of PSD	No. of GSH	Total Fish
Big Grizzly Creek	16 (49%)	1 (3%)	5 (15%)	11 (33%)	33
Freeman Creek	563 (99.8%)	1 (0.2%)	0	0	564
Cow Creek	342 (100%)	0	0	0	342
Oldhouse Creek	22 (100%)	0	0	0	22
TOTALS	961 (98.13%)	1 (0.21%)	5 (0.52%)	11 (1.14%)	961

Figure 5. 2011 length-frequency histogram for rainbow trout captured from all tributaries combined using backpack electrofishing.



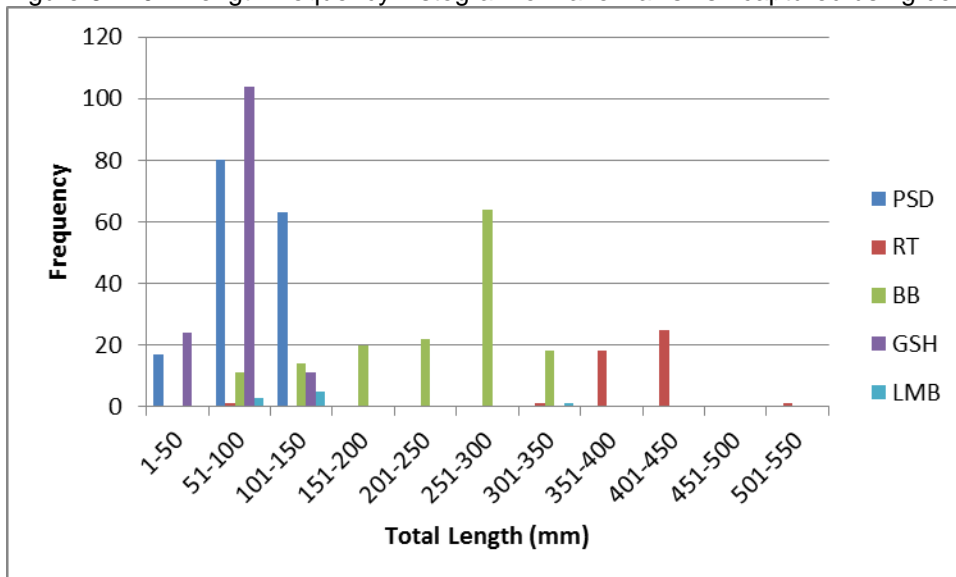
Lake Davis 2012

Lake Davis was sampled by boat electrofisher with a total of 6 sampling events (Appendix A). A total of 9.67 hours of electrofishing occurred during these events, resulting in the capture of a total of 1,489 fish, of which 503 were measured. Five species of fish were captured: pumpkinseed (34-140 mm; mean TL = 87 mm), rainbow trout (62-520 mm; mean TL = 404 mm), brown bullhead (55-338 mm; mean TL = 231 mm), golden shiner (25-138 mm; mean TL = 69 mm); and largemouth bass (79-304 mm; mean TL = 125 mm) (Table 5). Individual length and weight data for fish measured during electrofishing events is provided in Appendix B, and in a length frequency histogram in Figure 6.

Table 5. 2012 summary of fish captured in Lake Davis using boat electrofishing.

Species	Number Captured	Number Measured	Species Composition (%)	CPUE (fish per hour)
Pumpkinseed	339	160	23%	35
Rainbow trout	50	46	3%	5
Brown bullhead	481	149	32%	50
Golden shiner	610	139	41%	63
Largemouth bass	9	9	1%	1
Total	1489	503	100%	154

Figure 6. 2012 length-frequency histogram of Lake Davis fish captured using boat electrofishing.



Lake Davis Tributaries 2012

In 2012 Lake Davis tributaries were sampled by backpack electrofishers with a total of 4 sampling events (Appendix A). A total of 3.69 hours of backpack electrofishing occurred during these events (all backpack units combined), resulting in the capture of 325 fish, of which 214 were measured. Four species were captured: rainbow trout (69-340 mm; mean TL = 116 mm), pumpkinseed (67-74 mm; mean TL = 71 mm), brown bullhead (60 mm), and golden shiner (43-115 mm; mean TL = 64 mm) (Table 6). The individual creek results were: 20 fish from upper

Big Grizzly Creek, 133 fish from Freeman Creek, 148 fish from Cow Creek, and 24 fish from Oldhouse Creek (Table 7). The CPUE for all species and tributaries combined was 88 fish per hour. The majority of the rainbow trout observed were in the one year old size class (90-100 mm) (Moyle 2002) (Figure 7). Rainbow trout less than 100 mm were either measured or tallied to the nearest 10 mm category. Most of the young of the year rainbow trout observed during the time of the year in which this sampling occurred were less than 50 mm. Individual length and weight data for fish measured during electrofishing events is provided in Appendix B, and species length frequency histograms in Figure 7.

Rainbow trout were marked for the population estimate by an adipose fin clip on June 7-8, 2012. Upper Big Grizzly Creek was excluded due to the inferior sample size of fish. Freeman Creek had 29 marked fish, Cow Creek had 74 marked fish, and Oldhouse Creek had 23 marked fish. The recapture efforts were conducted on June 14, 2012. The resulting population estimates and confidence intervals (CI) for rainbow trout greater than 100 mm are as follows: Freeman Creek = 754 fish (95% CI 328 and 1,180), Cow Creek = 1036 fish (95% CI 511 and 1,561), Oldhouse Creek = 69 fish (95% CI 58 and 80) (Table 8).

Table 6. 2012 summary of fish captured from all tributaries combined using backpack electrofishing.

Species	Number Captured	Number Measured	Species Composition (%)	CPUE (fish per hour)
Pumpkinseed	2	2	0.6%	0.5
Rainbow trout	306	195	94.2%	83
Brown bullhead	1	1	0.3%	0.3
Golden shiner	16	16	4.9%	4.3
Total	325	214	100%	88

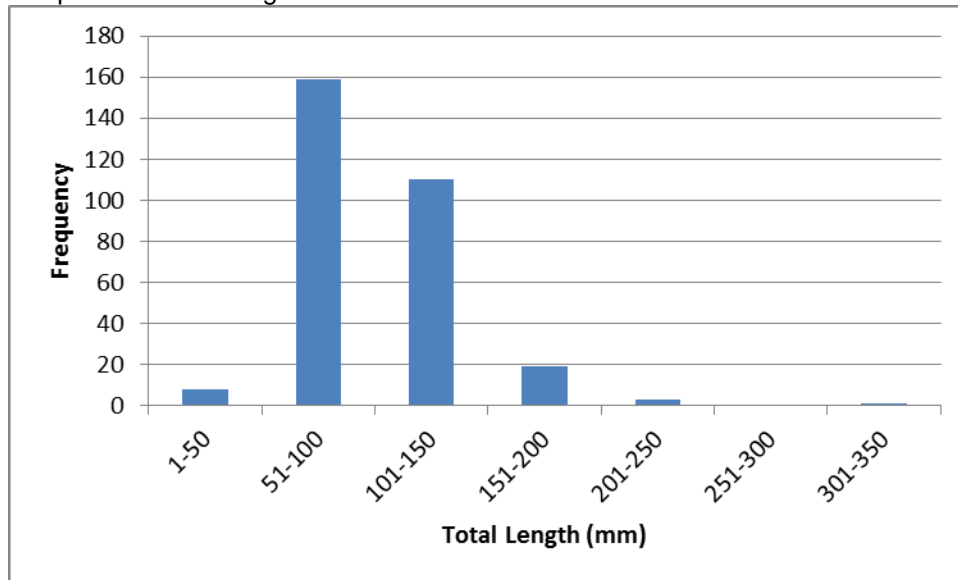
Table 7- 2012 individual tributary fish capture results June 7-8, 2012.

Location	No. of RT	No. of BB	No. of PSD	No. of GSH	Total Fish
Big Grizzly Creek	8 (40%)	0	2 (10%)	10 (50%)	20
Freeman Creek	126 (95%)	1 (1%)	0	6 (5%)	133
Cow Creek	148 (100%)	0	0	0	148
Oldhouse Creek	24 (100%)	0	0	0	24
TOTALS	306 (94.2%)	1 (0.3%)	2 (0.6%)	16 (4.9%)	325

Table 8- 2012 Lake Davis tributary rainbow trout mark-recapture numbers.

Location	Marked- June 7-8, 2012	Recaptured- June 14, 2012	Total Captured- June 14, 2012	Lincoln-Peterson Index	Population Estimate >100
Freeman Creek	29	1	26	$\frac{29 \cdot 26}{1} = 754$	754
Cow Creek	74	8	112	$\frac{74 \cdot 112}{8} = 1036$	1036
Oldhouse Creek	23	5	15	$\frac{23 \cdot 15}{5} = 69$	69

Figure 7- 2012 length-frequency histogram for rainbow trout captured from all tributaries combined using backpack electrofishing.



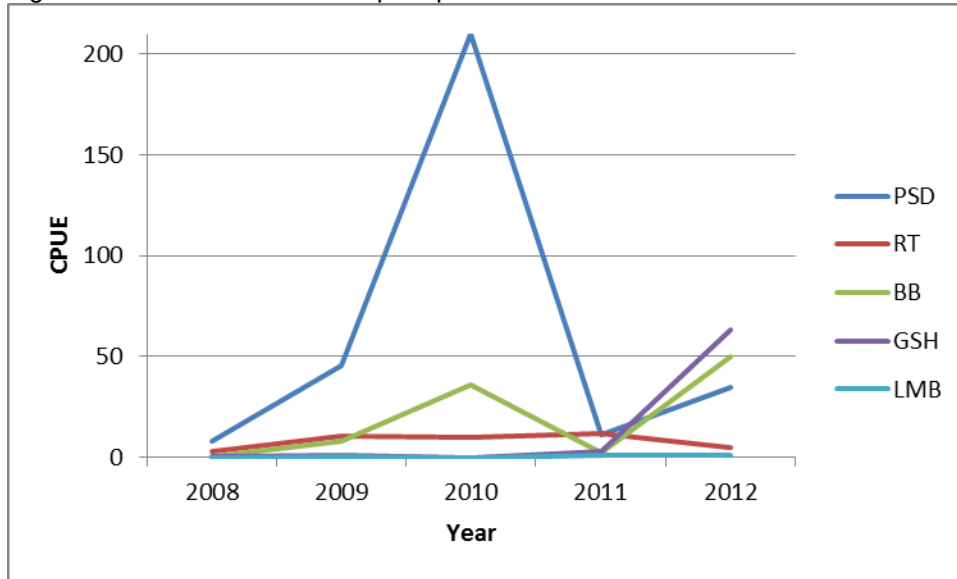
IV. DISCUSSION

Lake Davis boat electrofishing indicated a spike in the pumpkinseed and brown bullhead population in 2010, followed by a decline in 2011. 2012 indicated another increase in pumpkinseed and brown bullhead numbers. In addition, there was a noticeable increase in golden shiner presence. These comparisons were made by using the annual CPUE (fish per hour of electrofishing) per species (Figure 8).

Lake Davis tributary population estimates were somewhat unreliable due to the inadequate sample size of marked fish and the extremely wide confidence intervals. For a more accurate portrayal of the population, a mark-recapture without size restrictions might prove to be more effective. The tributaries were dominated by rainbow trout (Tables 3 & 6), with the exception of upper Big Grizzly Creek. Upper Big Grizzly Creek had the lowest number of fish and the highest number of non-salmonids (Tables 4 & 7). This may have been a result of the high presence of beaver ponding, thus providing more pool habitat and rendering much of the creek inaccessible by means of backpack electrofishing.

Given the nature of sampling, definitively proving the absence of anything, including northern pike, is impossible. Sampling, by definition, attempts to characterize an entire population based on only a fraction of that population. However, confidence in samples accurately representing a population, and in this case the absence of northern pike, can be increased by collecting large samples, optimizing sampling efficiency, and non-randomly sampling habitat where northern pike are most likely to be found. To optimize sample size and efficiency we sampled throughout the accessible season, in a variety of habitats, using a variety of sampling methods. With nearly 23 hours of electrofishing, 2010 through 2012 post-project sampling of Lake Davis and its tributaries did not result in the observation or capture of any northern pike.

Figure 8. Annual CPUE results per species 2008-2012.



V. CONCLUSION

While no pike were observed or captured, this effort does not prove the absence of northern pike, but builds upon the monitoring results from 2007 through 2009 and supports the hypothesis that the 2007 eradication project was effective at eliminating northern pike from Lake Davis and its tributaries. If northern pike are present and sampling failed to capture any, their numbers are likely low, thus periodic sampling should continue. Sampling should also continue in the other waters of Plumas County to ensure that northern pike were not introduced elsewhere, resulting in the establishment of populations in other bodies of water.

VI. REFERENCES

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APPENDICES

Appendix A. Capture Summaries

2010 Lake Davis Boat Electrofishing

Event	Method	Water	Location	Date	Seconds Fished	Hours Fished	No. of BB	No. of RT	No. of PSD
0610101	EB	Davis	NI	6/10/2010	796	0.22	3	2	0
0616101	EB	Davis	Dam	6/16/2010	904	0.25	27	0	176
0826101	EB	Davis	MS-FC-C5	8/26/2010	1324	0.37	0	6	0

2011 Lake Davis Boat Electrofishing

Event	Method	Water	Location	Date	Seconds	Hours Fished	No. of RT	No. of BB	No. of PSD	No. of GSH	No. of LMB
0616111	EB	Davis	HC,EP,DM, MS,FC	6/16/2011	6822	1.90	4	50	4	0	0
0901111	EB	Davis	Dam	9/1/2011	630	0.18	5	10	48	7	2
0902111	EB	Davis	Catfish-Cow	9/2/2011	8044	2.23	0	7	10	0	13
0917111	EB	Davis	MS-Honker	9/17/2011	4758	1.32	2	0	0	1	0

2011 Lake Davis Tributary Backpack Electrofishing

Event	Method	Water	Location	Date	Seconds	Hours Fished	No. of RT	No. of BB	No. of PSD	No. of GSH
0825111	EP	Davis	UGCK	8/25/2011	2744	0.76	16	1	5	11
0825112	EP	Davis	FCK	8/25/2011	3499	0.97	201	1	0	0
0826111	EP	Davis	CCK	8/26/2011	2907	0.81	342	0	0	0
0826112	EP	Davis	OCK	8/26/2011	813	0.23	22	0	0	0
0826113	EP	Davis	FCK	8/26/2011	1176	0.33	362	0	0	0

2012 Lake Davis Boat Electrofishing

Event	Method	Water	Location	Date	Seconds	Hours Fished	No. of RT	No. of BB	No. of PSD	No. of GSH	No. of LMB
0524121	EB	Davis	Dam => OC	5/24/2012	2986	0.83	16	3	39	0	55
0724121	EB	Davis	HC => MC	7/24/2012	3026	0.84	13	5	53	0	41
0829121	EB	Davis	HC => EP	8/29/2012	8600	2.39	75	15	116	1	385
0829122	EB	Davis	HC => LT	8/29/2012	4744	1.32	125	1	62	0	110
0830121	EB	Davis	EP => MSS	8/30/2012	8026	2.23	44	4	10	0	8
0830122	EB	Davis	LT => MSS	8/30/2012	7447	2.07	208	22	59	8	11

2012 Lake Davis Tributary Backpack Electrofishing

Event	Method	Water	Location	Date	Seconds	Hours Fished	No. of RT	No. of BB	No. of PSD	No. of GSH
0607121	EP	Davis	Freeman Creek	6/7/2012	4966	1.38	126	1	0	6
0608121	EP	Davis	Oldhouse Creek	6/8/2012	1041	0.29	24	0	0	0
0608122	EP	Davis	Upper Big Grizzly Creek	6/8/2012	2751	0.76	8	0	2	10
0607122	EP	Davis	Cow Creek	6/7/2012	4516	1.25	148	0	0	0

Appendix B. Length and Weight Data

Lake Davis 2010

Event	Species	Length	Weight	Event	Species	Length	Weight
0610101	BB	243		0616101	PSD	50	
0610101	BB	275		0616101	PSD	50	
0610101	BB	295		0616101	PSD	75	
0610101	RT	330		0616101	PSD	75	
0610101	RT	357		0616101	PSD	77	
0616101	BB	53		0616101	PSD	79	
0616101	BB	94		0616101	PSD	79	
0616101	BB	110		0616101	PSD	82	
0616101	BB	110		0616101	PSD	85	
0616101	BB	114		0616101	PSD	85	
0616101	BB	115		0616101	PSD	87	
0616101	BB	121		0616101	PSD	93	
0616101	BB	123		0616101	PSD	93	
0616101	BB	126		0616101	PSD	115	
0616101	BB	127		0826101	RT	332	350
0616101	BB	129		0826101	RT	336	430
0616101	BB	131		0826101	RT	338	392
0616101	BB	137		0826101	RT	344	450
0616101	BB	137		0826101	RT	358	550
0616101	BB	138		0826101	RT	438	735
0616101	BB	140					
0616101	BB	140					
0616101	BB	143					
0616101	BB	145					
0616101	BB	146					
0616101	BB	150					
0616101	BB	150					
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0616101	PSD	41					
0616101	PSD	41					
0616101	PSD	42					
0616101	PSD	42					
0616101	PSD	44					
0616101	PSD	44					
0616101	PSD	45					
0616101	PSD	45					
0616101	PSD	46					
0616101	PSD	47					
0616101	PSD	50					

Appendix B. Length and Weight Data

Lake Davis 2011

Event	Species	Length	Weight	Event	Species	Length	Weight
0616111	BB	120	21	0901111	GSH	47	1
0616111	BB	179	79	0901111	LMB	166	112
0616111	BB	195	116	0901111	LMB	194	115
0616111	BB	231	192	0901111	LMB	210	131
0616111	PSD	86	10	0901111	LMB	211	149
0616111	PSD	121	35	0901111	LMB	211	156
0616111	PSD			0901111	LMB	225	180
0616111	RT	300	307	0901111	LMB	234	206
0616111	RT	341	361	0901111	PSD	27	
0616111	RT	348	408	0901111	PSD	29	
0616111	RT	350	483	0901111	PSD	29	
0616111	RT	355	490	0901111	PSD	34	
0616111	RT	355	431	0901111	PSD	45	8
0616111	RT	365	541	0901111	PSD	53	4
0616111	RT	365	439	0901111	PSD	60	5
0616111	RT	370	514	0901111	PSD	63	4
0616111	RT	370		0901111	PSD	65	4
0616111	RT	375	387	0901111	PSD	65	5
0616111	RT	376	388	0901111	PSD	67	5
0616111	RT	380	567	0901111	PSD	68	5
0616111	RT	381	588	0901111	PSD	68	5
0616111	RT	383	489	0901111	PSD	68	5
0616111	RT	384	547	0901111	PSD	68	6
0616111	RT	384	546	0901111	PSD	70	6
0616111	RT	386	537	0901111	PSD	70	5
0616111	RT	390	630	0901111	PSD	70	30
0616111	RT	390	575	0901111	PSD	71	6
0616111	RT	390	571	0901111	PSD	72	7
0616111	RT	390	540	0901111	PSD	73	6
0616111	RT	390	550	0901111	PSD	74	6
0616111	RT	390	525	0901111	PSD	74	7
0616111	RT	391	519	0901111	PSD	75	7
0616111	RT	395	572	0901111	PSD	86	11
0616111	RT	395	574	0901111	PSD	90	6
0616111	RT	395	575	0901111	PSD	113	48
0616111	RT	397	581	0901111	PSD	118	37
0616111	RT	399	650	0901111	PSD		
0616111	RT	400	529	0901111	RT	85	9
0616111	RT	400	611	0901111	RT	86	6
0616111	RT	401	599	0901111	RT	91	6
0616111	RT	402	597	0901111	RT	92	8
0616111	RT	436	763	0901111	RT	93	7
0901111	BB	105	15	0901111	RT	98	12
0901111	BB	144	37	0901111	RT	101	11
0901111	BB	150	49	0901111	RT	105	13
0901111	BB	199	108	0901111	RT	322	241
0901111	BB	212	129	0901111	RT	399	570
0901111	GSH	30		0902111	GSH	34	
				0902111	GSH	35	

Appendix B. Length and Weight Data

Lake Davis 2011

Event	Species	Length	Weight
0902111	GSH	46	
0902111	GSH	50	1
0902111	GSH	55	2
0902111	GSH	77	5
0902111	GSH	105	11
0902111	GSH	106	12
0902111	GSH	106	13
0902111	GSH	108	13
0902111	GSH	112	14
0902111	GSH	115	14
0902111	GSH	116	15
0902111	PSD	29	
0902111	PSD	30	
0902111	PSD	34	
0902111	PSD	36	
0902111	PSD	37	
0902111	PSD	41	1
0902111	PSD	42	1
0902111	PSD	79	10
0902111	PSD	92	17
0902111	PSD	111	26
0902111	RT	361	418
0902111	RT	366	359
0902111	RT	373	499
0902111	RT	390	492
0902111	RT	392	582
0902111	RT	405	455
0902111	RT	430	568
0917111	BB	72	57
0917111	BB	85	61
0917111	LMB	39	5

Appendix B. Length and Weight Data

Lake Davis Tributaries 2011

Event	Species	Length	Weight	Event	Species	Length	Weight
0825111	GSH	101		0826111	RT	54	
0825111	RT	46		0826111	RT	55	
0825111	RT	50		0826111	RT	55	
0825111	RT	52		0826111	RT	55	
0825111	RT	60		0826111	RT	55	
0825111	RT	64		0826111	RT	56	
0825111	RT	76		0826111	RT	58	
0825111	RT	215		0826111	RT	59	
0825111	RT	280		0826111	RT	60	
0825111	RT	295		0826111	RT	61	
0825111	RT	310		0826111	RT	61	
0825111	RT	330		0826111	RT	65	
0825111	RT	400		0826111	RT	65	
0825111	RT	410		0826111	RT	66	
0825112	BBH	60		0826111	RT	68	
0825112	RT	38		0826111	RT	68	
0825112	RT	38		0826111	RT	70	
0825112	RT	40		0826111	RT	70	
0825112	RT	42		0826111	RT	70	
0825112	RT	42		0826111	RT	71	
0825112	RT	43		0826111	RT	72	
0825112	RT	44		0826111	RT	73	
0825112	RT	44		0826111	RT	75	
0825112	RT	45		0826111	RT	76	
0825112	RT	47		0826111	RT	80	
0825112	RT	48		0826111	RT	81	
0825112	RT	48		0826111	RT	128	
0825112	RT	50		0826112	RT	50	
0825112	RT	52		0826112	RT	55	
0825112	RT	52		0826112	RT	55	
0825112	RT	53		0826112	RT	55	
0825112	RT	55		0826112	RT	60	
0825112	RT	58		0826112	RT	60	
0825112	RT	58		0826112	RT	60	
0825112	RT	59		0826112	RT	60	
0825112	RT	60		0826112	RT	60	
0825112	RT	62		0826112	RT	65	
0825112	RT	64		0826112	RT	65	
0825112	RT	64		0826112	RT	65	
0825112	RT	110		0826112	RT	65	
0825112	RT	115		0826112	RT	65	
0825112	RT	125		0826112	RT	65	
0825112	RT	135		0826112	RT	65	
0825112	RT	185		0826112	RT	70	
0825112	RT	300		0826112	RT	70	
0826111	RT	49		0826112	RT	70	
0826111	RT	51		0826112	RT	75	
0826111	RT	51		0826112	RT	75	
0826111	RT	54		0826112	RT	185	

Appendix B. Length and Weight Data

Lake Davis Tributaries 2011

Event	Species	Length	Weight
0826113	RT	35	
0826113	RT	39	
0826113	RT	40	
0826113	RT	43	
0826113	RT	44	
0826113	RT	45	
0826113	RT	45	
0826113	RT	45	
0826113	RT	46	
0826113	RT	46	
0826113	RT	47	
0826113	RT	48	
0826113	RT	48	
0826113	RT	50	
0826113	RT	50	
0826113	RT	50	
0826113	RT	54	
0826113	RT	60	
0826113	RT	94	
0826113	RT	95	
0826113	RT	100	
0826113	RT	100	
0826113	RT	105	
0826113	RT	115	
0826113	RT	120	
0826113	RT	130	
0826113	RT	145	
0826113	RT	150	
0826113	RT	155	
0826113	RT	175	

Appendix B. Length and Weight Data

Lake Davis 2012

Event	Species	Length	Weight	Event	Species	Length	Weight
0524121	BB	55	2	0524121	PSD	40	
0524121	BB	56	1	0524121	PSD	40	1
0524121	BB	56	3	0524121	PSD	41	1
0524121	BB	62	2	0524121	PSD	41	1
0524121	BB	102	13	0524121	PSD	42	
0524121	BB	119	18	0524121	PSD	42	2
0524121	BB	122	16	0524121	PSD	43	
0524121	BB	157	47	0524121	PSD	44	
0524121	BB	169	53	0524121	PSD	45	1
0524121	BB	189	111	0524121	PSD	45	1
0524121	BB	242	219	0524121	PSD	46	
0524121	BB	260	308	0524121	PSD	47	1
0524121	BB	281	356	0524121	PSD	47	2
0524121	BB	311	596	0524121	PSD	64	4
0524121	BB	330	528	0524121	PSD	71	6
0524121	BB	338	615	0524121	PSD	72	6
0524121	GSH	42		0524121	PSD	74	6
0524121	GSH	45		0524121	PSD	75	7
0524121	GSH	47		0524121	PSD	75	7
0524121	GSH	50	3	0524121	PSD	75	7
0524121	GSH	51		0524121	PSD	77	8
0524121	GSH	54		0524121	PSD	87	11
0524121	GSH	55	2	0524121	PSD	90	12
0524121	GSH	55		0524121	PSD	91	12
0524121	GSH	59	2	0524121	PSD	113	25
0524121	GSH	60	3	0524121	PSD	119	28
0524121	GSH	60	3	0524121	PSD	123	36
0524121	GSH	60		0524121	PSD		
0524121	GSH	60		0524121	RT	371	568
0524121	GSH	60		0524121	RT	380	553
0524121	GSH	60	2	0524121	RT	430	703
0524121	GSH	61		0724121	BB	75	6
0524121	GSH	62		0724121	BB	80	9
0524121	GSH	64	3	0724121	BB	80	8
0524121	GSH	65		0724121	BB	95	11
0524121	GSH	70	3	0724121	BB	95	12
0524121	GSH	70		0724121	BB	107	18
0524121	GSH	80	5	0724121	BB	122	26
0524121	GSH	91	7	0724121	BB	134	36
0524121	GSH	92	9	0724121	BB	135	34
0524121	GSH	92	8	0724121	BB	137	39
0524121	GSH	92	8	0724121	BB	180	80
0524121	GSH	100	9	0724121	BB	204	114
0524121	GSH	110	14	0724121	BB	214	142
0524121	GSH	115	15	0724121	GSH	62	3
0524121	GSH	125	19	0724121	GSH	72	4
0524121	PSD	39	1	0724121	GSH	74	5
0524121	PSD	40	1	0724121	GSH	75	5
0524121	PSD	40	1	0724121	GSH	76	5

Appendix B. Length and Weight Data

Lake Davis 2012

Event	Species	Length	Weight	Event	Species	Length	Weight
0724121	GSH	78	4	0724121	PSD	104	25
0724121	GSH	80	5	0724121	PSD	110	30
0724121	GSH	80	5	0724121	PSD	122	38
0724121	GSH	80	7	0724121	PSD	124	38
0724121	GSH	80	4	0724121	PSD	130	52
0724121	GSH	80	4	0724121	PSD	135	57
0724121	GSH	80	4	0724121	PSD		
0724121	GSH	81	6	0724121	RT	62	3
0724121	GSH	82	6	0724121	RT		
0724121	GSH	82	6	0829121	BB	80	79
0724121	GSH	82	6	0829121	BB	90	15
0724121	GSH	83	5	0829121	BB	107	21
0724121	GSH	86	6	0829121	BB	130	28
0724121	GSH	89	9	0829121	BB	135	39
0724121	GSH	89	9	0829121	BB	145	41
0724121	GSH	89	7	0829121	BB	150	49
0724121	GSH	90	6	0829121	BB	155	51
0724121	GSH	92	9	0829121	BB	160	59
0724121	GSH	93	6	0829121	BB	160	53
0724121	GSH	95	7	0829121	BB	165	70
0724121	GSH	95	8	0829121	BB	165	68
0724121	GSH	100	11	0829121	BB	165	63
0724121	GSH	102	9	0829121	BB	165	64
0724121	GSH	109	12	0829121	BB	170	63
0724121	GSH	138	28	0829121	BB	205	103
0724121	PSD	34	3	0829121	BB	220	150
0724121	PSD	55	3	0829121	BB	225	117
0724121	PSD	55	3	0829121	BB	227	162
0724121	PSD	56	3	0829121	BB	230	171
0724121	PSD	57	3	0829121	BB	235	192
0724121	PSD	59	2	0829121	BB	240	200
0724121	PSD	60	3	0829121	BB	245	190
0724121	PSD	60	3	0829121	BB	260	259
0724121	PSD	60	4	0829121	BB	260	236
0724121	PSD	62	4	0829121	BB	260	301
0724121	PSD	62	2	0829121	BB	270	306
0724121	PSD	63	4	0829121	BB	275	288
0724121	PSD	65	5	0829121	BB	285	356
0724121	PSD	65	5	0829121	BB	305	430
0724121	PSD	66	4	0829121	GSH	37	
0724121	PSD	67	5	0829121	GSH	40	1
0724121	PSD	70	6	0829121	GSH	40	1
0724121	PSD	73	5	0829121	GSH	45	1
0724121	PSD	76	10	0829121	GSH	46	1
0724121	PSD	80	10	0829121	GSH	48	1
0724121	PSD	87	12	0829121	GSH	50	1
0724121	PSD	100	24	0829121	GSH	52	1
0724121	PSD	103	25	0829121	GSH	52	1
0724121	PSD	104	25	0829121	GSH	53	2

Appendix B. Length and Weight Data

Lake Davis 2012

Event	Species	Length	Weight	Event	Species	Length	Weight
0829121	GSH	53	2	0829121	PSD	126	42
0829121	GSH	54	2	0829121	PSD	135	50
0829121	GSH	54	1	0829121	RT	385	567
0829121	GSH	55		0829121	RT	395	526
0829121	GSH	56	2	0829121	RT	400	494
0829121	GSH	60	1	0829121	RT	400	530
0829121	GSH	60	2	0829121	RT	400	566
0829121	GSH	60	2	0829121	RT	410	555
0829121	GSH	61	3	0829121	RT	410	624
0829121	GSH	61	2	0829121	RT	418	605
0829121	GSH	62	3	0829121	RT	420	689
0829121	GSH	62	3	0829121	RT	420	613
0829121	GSH	63	3	0829121	RT	420	643
0829121	GSH	63	3	0829121	RT	430	660
0829121	GSH	64	2	0829121	RT	435	656
0829121	GSH	64	2	0829121	RT	440	866
0829121	GSH	64	2	0829121	RT	520	1582
0829121	GSH	65	2	0829122	BB	255	284
0829121	GSH	89	7	0829122	BB	270	295
0829121	GSH	95	8	0829122	BB	270	285
0829121	LMB	304	415	0829122	BB	270	352
0829121	PSD	67	5	0829122	BB	275	334
0829121	PSD	71	7	0829122	BB	280	319
0829121	PSD	72	7	0829122	BB	280	338
0829121	PSD	74	6	0829122	BB	280	364
0829121	PSD	75	8	0829122	BB	280	302
0829121	PSD	76	8	0829122	BB	280	358
0829121	PSD	80	9	0829122	BB	280	318
0829121	PSD	80	11	0829122	BB	280	319
0829121	PSD	80	9	0829122	BB	285	384
0829121	PSD	80	10	0829122	BB	285	350
0829121	PSD	80	9	0829122	BB	285	347
0829121	PSD	82	10	0829122	BB	290	380
0829121	PSD	83	12	0829122	BB	290	396
0829121	PSD	83	12	0829122	BB	290	404
0829121	PSD	84	11	0829122	BB	295	450
0829121	PSD	84	11	0829122	BB	295	409
0829121	PSD	85	11	0829122	BB	300	434
0829121	PSD	87	12	0829122	BB	300	450
0829121	PSD	100	18	0829122	BB	305	450
0829121	PSD	103	20	0829122	BB	305	469
0829121	PSD	105	24	0829122	BB	310	488
0829121	PSD	110	23	0829122	BB	320	507
0829121	PSD	110	26	0829122	BB	320	500
0829121	PSD	110	21	0829122	BB	325	509
0829121	PSD	110	23	0829122	BB	330	544
0829121	PSD	120	37	0829122	BB	335	671
0829121	PSD	120	38	0829122	GSH	25	1
0829121	PSD	125	43	0829122	GSH	40	1

Appendix B. Length and Weight Data

Lake Davis 2012

Event	Species	Length	Weight	Event	Species	Length	Weight
0829122	GSH	40	1	0829122	PSD	110	36
0829122	GSH	45	1	0829122	PSD	115	33
0829122	GSH	50	2	0829122	PSD	115	31
0829122	GSH	50	2	0829122	PSD	115	35
0829122	GSH	50	1	0829122	PSD	115	32
0829122	GSH	55	2	0829122	PSD	120	29
0829122	GSH	55	2	0829122	PSD	120	30
0829122	GSH	55	2	0829122	PSD	120	35
0829122	GSH	55	1	0829122	PSD	130	47
0829122	GSH	55	2	0829122	RT	440	796
0829122	GSH	55	2	0830121	BB	174	73
0829122	GSH	60	2	0830121	BB	175	86
0829122	GSH	60	4	0830121	BB	194	101
0829122	GSH	60	2	0830121	BB	199	114
0829122	GSH	60	3	0830121	BB	210	129
0829122	GSH	60	3	0830121	BB	230	187
0829122	GSH	60	2	0830121	BB	233	180
0829122	GSH	60	2	0830121	BB	240	183
0829122	GSH	60	2	0830121	BB	240	195
0829122	GSH	60	2	0830121	BB	243	183
0829122	GSH	60	2	0830121	BB	249	206
0829122	GSH	60	2	0830121	BB	251	271
0829122	GSH	60	1	0830121	BB	255	216
0829122	GSH	65	2	0830121	BB	255	231
0829122	GSH	65	2	0830121	BB	256	245
0829122	GSH	65	2	0830121	BB	260	247
0829122	GSH	65	2	0830121	BB	264	261
0829122	GSH	100	9	0830121	BB	266	262
0829122	PSD	75	7	0830121	BB	270	287
0829122	PSD	80	8	0830121	BB	272	331
0829122	PSD	80	9	0830121	BB	273	360
0829122	PSD	80	9	0830121	BB	274	310
0829122	PSD	80	9	0830121	BB	275	313
0829122	PSD	85	11	0830121	BB	275	283
0829122	PSD	90	13	0830121	BB	275	246
0829122	PSD	90	12	0830121	BB	290	520
0829122	PSD	95	14	0830121	BB	300	442
0829122	PSD	100	19	0830121	BB	302	395
0829122	PSD	100	19	0830121	BB	310	477
0829122	PSD	100	20	0830121	BB	323	528
0829122	PSD	100	20	0830121	BB		
0829122	PSD	105	30	0830121	GSH	27	
0829122	PSD	105	20	0830121	GSH	28	
0829122	PSD	105	24	0830121	GSH	34	
0829122	PSD	105	23	0830121	GSH	38	1
0829122	PSD	105	26	0830121	GSH	46	1
0829122	PSD	105	21	0830121	GSH	63	3
0829122	PSD	110	28	0830121	GSH	64	3
0829122	PSD	110	29	0830121	GSH	95	9

Appendix B. Length and Weight Data

Lake Davis 2012

Event	Species	Length	Weight	Event	Species	Length	Weight
0830121	PSD	70	3	0830122	GSH	100	13
0830121	PSD	71	4	0830122	GSH	103	15
0830121	PSD	77	7	0830122	GSH	105	11
0830121	PSD	87	14	0830122	GSH	106	15
0830121	PSD	102	19	0830122	GSH	110	12
0830121	PSD	102	17	0830122	GSH	114	19
0830121	PSD	103	21	0830122	LMB	79	7
0830121	PSD	112	31	0830122	LMB	95	11
0830121	PSD	119	39	0830122	LMB	100	13
0830121	PSD	126	38	0830122	LMB	104	14
0830121	RT	395	529	0830122	LMB	105	16
0830121	RT	411	698	0830122	LMB	108	17
0830121	RT	420	607	0830122	LMB	111	20
0830121	RT	421	724	0830122	LMB	118	22
0830122	BB	133	55	0830122	PSD	65	6
0830122	BB	160	68	0830122	PSD	74	8
0830122	BB	169	85	0830122	PSD	82	11
0830122	BB	174	90	0830122	PSD	83	11
0830122	BB	200	138	0830122	PSD	86	14
0830122	BB	215	150	0830122	PSD	91	17
0830122	BB	242	229	0830122	PSD	92	17
0830122	BB	242	220	0830122	PSD	94	16
0830122	BB	248	230	0830122	PSD	95	26
0830122	BB	253	250	0830122	PSD	95	21
0830122	BB	255	290	0830122	PSD	99	21
0830122	BB	257	250	0830122	PSD	100	21
0830122	BB	259	295	0830122	PSD	105	29
0830122	BB	261	310	0830122	PSD	105	23
0830122	BB	262	270	0830122	PSD	107	25
0830122	BB	265	326	0830122	PSD	109	24
0830122	BB	271	332	0830122	PSD	109	24
0830122	BB	271	292	0830122	PSD	110	21
0830122	BB	272	295	0830122	PSD	110	29
0830122	BB	274	335	0830122	PSD	110	24
0830122	BB	275	350	0830122	PSD	111	32
0830122	BB	279	351	0830122	PSD	112	33
0830122	BB	283	327	0830122	PSD	113	32
0830122	BB	286	373	0830122	PSD	113	25
0830122	BB	287	361	0830122	PSD	115	34
0830122	BB	295	340	0830122	PSD	115	30
0830122	BB	295	400	0830122	PSD	118	30
0830122	BB	305	455	0830122	PSD	121	41
0830122	BB	330	540	0830122	PSD	125	50
0830122	BB	338	576	0830122	PSD	140	63
0830122	GSH	42	2	0830122	PSD		
0830122	GSH	60	4	0830122	RT	324	480
0830122	GSH	71	5	0830122	RT	375	505
0830122	GSH	90	10	0830122	RT	375	657
0830122	GSH	94	11	0830122	RT	381	601

Appendix B. Length and Weight Data

Lake Davis 2012

Event	Species	Length	Weight
0830122	RT	390	531
0830122	RT	390	614
0830122	RT	391	711
0830122	RT	395	600
0830122	RT	395	650
0830122	RT	395	659
0830122	RT	398	480
0830122	RT	401	692
0830122	RT	405	690
0830122	RT	410	673
0830122	RT	420	723
0830122	RT	421	875
0830122	RT	433	818
0830122	RT	440	945
0830122	RT	442	1100
0830122	RT	449	877
0830122	RT	450	767
0830122	RT	450	876

Appendix B. Length and Weight Data

Lake Davis Tributaries 2012

Event	Species	Length	Weight	Event	Species	Length	Weight
0607121	BB	60		0607121	RT	108	
0607121	GSH	52		0607121	RT	109	
0607121	GSH	54		0607121	RT	109	
0607121	GSH	60		0607121	RT	110	
0607121	GSH	63		0607121	RT	111	
0607121	GSH	64		0607121	RT	112	
0607121	GSH	64		0607121	RT	112	
0607121	RT	72		0607121	RT	113	
0607121	RT	72		0607121	RT	153	
0607121	RT	73		0607121	RT	157	
0607121	RT	73		0607121	RT	160	
0607121	RT	74		0607121	RT	161	
0607121	RT	76		0607121	RT	163	
0607121	RT	76		0607121	RT	164	
0607121	RT	78		0607121	RT	166	
0607121	RT	79		0607121	RT	180	
0607121	RT	82		0607121	RT	186	
0607121	RT	83		0607121	RT	235	
0607121	RT	83		0607121	RT		
0607121	RT	84		0607122	RT	69	
0607121	RT	85		0607122	RT	77	
0607121	RT	85		0607122	RT	78	
0607121	RT	86		0607122	RT	81	
0607121	RT	86		0607122	RT	82	
0607121	RT	86		0607122	RT	83	
0607121	RT	86		0607122	RT	83	
0607121	RT	90		0607122	RT	83	
0607121	RT	90		0607122	RT	84	
0607121	RT	91		0607122	RT	85	
0607121	RT	91		0607122	RT	86	
0607121	RT	92		0607122	RT	86	
0607121	RT	94		0607122	RT	87	
0607121	RT	95		0607122	RT	87	
0607121	RT	96		0607122	RT	87	
0607121	RT	97		0607122	RT	88	
0607121	RT	98		0607122	RT	89	
0607121	RT	99		0607122	RT	89	
0607121	RT	100		0607122	RT	90	
0607121	RT	100		0607122	RT	90	
0607121	RT	101		0607122	RT	91	
0607121	RT	101		0607122	RT	92	
0607121	RT	102		0607122	RT	93	
0607121	RT	102		0607122	RT	95	
0607121	RT	102		0607122	RT	97	
0607121	RT	105		0607122	RT	98	
0607121	RT	106		0607122	RT	98	
0607121	RT	106		0607122	RT	99	
0607121	RT	108		0607122	RT	99	
0607121	RT	108		0607122	RT	102	

Appendix B. Length and Weight Data

Lake Davis Tributaries 2012

Event	Species	Length	Weight	Event	Species	Length	Weight
0607122	RT	103		0607122	RT	124	
0607122	RT	104		0607122	RT	124	
0607122	RT	104		0607122	RT	125	
0607122	RT	105		0607122	RT	125	
0607122	RT	105		0607122	RT	125	
0607122	RT	106		0607122	RT	125	
0607122	RT	107		0607122	RT	131	
0607122	RT	108		0607122	RT	131	
0607122	RT	108		0607122	RT	132	
0607122	RT	109		0607122	RT	132	
0607122	RT	109		0607122	RT	132	
0607122	RT	109		0607122	RT	133	
0607122	RT	109		0607122	RT	134	
0607122	RT	110		0607122	RT	134	
0607122	RT	110		0607122	RT	135	
0607122	RT	110		0607122	RT	135	
0607122	RT	110		0607122	RT	136	
0607122	RT	111		0607122	RT	138	
0607122	RT	111		0607122	RT	139	
0607122	RT	112		0607122	RT	140	
0607122	RT	112		0607122	RT	141	
0607122	RT	112		0607122	RT	146	
0607122	RT	112		0607122	RT	192	
0607122	RT	112		0607122	RT	205	
0607122	RT	112		0607122	RT		
0607122	RT	113		0608121	RT	99	
0607122	RT	114		0608121	RT	104	
0607122	RT	114		0608121	RT	109	
0607122	RT	114		0608121	RT	109	
0607122	RT	114		0608121	RT	110	
0607122	RT	115		0608121	RT	111	
0607122	RT	115		0608121	RT	112	
0607122	RT	115		0608121	RT	120	
0607122	RT	115		0608121	RT	121	
0607122	RT	115		0608121	RT	125	
0607122	RT	116		0608121	RT	129	
0607122	RT	116		0608121	RT	130	
0607122	RT	117		0608121	RT	130	
0607122	RT	118		0608121	RT	133	
0607122	RT	118		0608121	RT	149	
0607122	RT	118		0608121	RT	150	
0607122	RT	119		0608121	RT	151	
0607122	RT	120		0608121	RT	156	
0607122	RT	121		0608121	RT	159	
0607122	RT	121		0608121	RT	165	
0607122	RT	122		0608121	RT	170	
0607122	RT	123		0608121	RT	196	
0607122	RT	123		0608121	RT	230	
0607122	RT	124		0608121	RT	340	

Appendix B. Length and Weight Data

Lake Davis Tributaries 2012

Event	Species	Length	Weight
0608122	GSH	43	
0608122	GSH	52	
0608122	GSH	56	
0608122	GSH	58	
0608122	GSH	61	
0608122	GSH	61	
0608122	GSH	69	
0608122	GSH	71	
0608122	GSH	86	
0608122	GSH	115	
0608122	PSD	67	
0608122	PSD	74	
0608122	RT	115	
0608122	RT	131	
0608122	RT	145	
0608122	RT	150	
0608122	RT	150	
0608122	RT	155	
0608122	RT	166	
0608122	RT	179	