

State of California
Department of Fish and Wildlife

Memorandum

Date: November 19, 2020

To: Sarah Mussulman
Senior Environmental Scientist; Supervisor
Department of Fish and Wildlife
North Central Region
1701 Nimbus Road, Suite A
Rancho Cordova, CA 95670

Cc: CDFW North Central Region Fish Files

From: Mitch Lockhart; Environmental Scientist
Luc Mitchell; Scientific Aide
Clyde Hettrick; Scientific Aide
Department of Fish and Wildlife
1701 Nimbus Road, Suite A
Rancho Cordova, CA 95670

Subject: Pre-Stocking Evaluation at Loch Leven Lakes, Placer County

Lower Loch Leven Lake (Lake ID: 13500), Upper Loch Leven Lake (Lake ID: 13534), and High Loch Leven Lake (Lake ID: 13524) are found in Placer County, south of Cisco Grove on Interstate 80, at an average elevation of 6,807 feet above sea level (**Figure 1**). The lakes are accessed by trail via the Loch Leven Trailhead. The area is owned

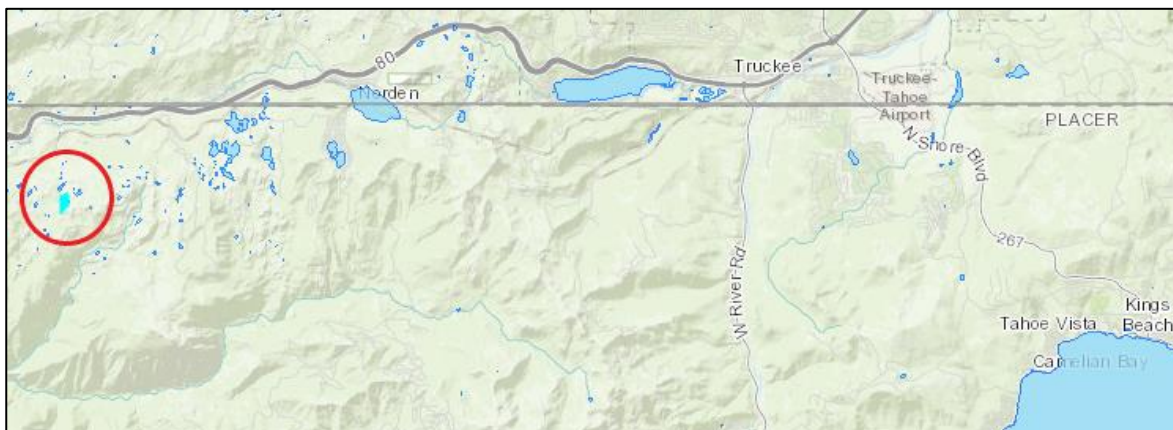


Figure 1. Overview map of Loch Leven Lakes, Placer Co. (red circle), in relation to Lake Tahoe and Truckee, California (CDFW BIOS Viewer, retrieved 8.25.20).

and managed by Tahoe National Forest (TNF) and is a popular day-hiking and backpacking destination. The California Department of Fish and Wildlife (CDFW) stocked the Loch Leven Lakes from the early 1960s with Rainbow Trout (*Oncorhynchus mykiss*; RT) and Brook Trout (*Salvelinus fontinalis*; BK). However, none of the lakes have been stocked by CDFW since 2000.

The three Loch Leven Lakes are connected by ephemeral tributaries with no major barriers to fish passage during high water seasons (**Figure 2**). This system of tributaries all flow into the North Fork American River. RT may seasonally use this tributary system for migration.

To assess the status of the sport fisheries at Loch Leven Lakes and determine if continued fish plants

are warranted, three CDFW Scientific Aides surveyed the Loch Leven Lakes from July 14, 2020 to July 16, 2020. A monofilament gill net was set on Lower Loch Leven Lake at 7:23 pm on July 14, 2020 and was pulled the following morning at 7:17 am for a survey effort of 12 hours. The gill net captured three RT (**Table 1**). A monofilament gill net was set at Upper Loch Leven Lake at 9:27 pm on July 14, 2020 and was pulled the following morning at 6:09 am for a survey effort of 8.5 hours. The gill net captured 11 RT (**Table 1**). A monofilament gill net was set on High Loch Leven Lake at 8:04 pm on July 15, 2020 and was pulled the following morning at 7:12 am for a survey effort of 11 hours. No fish were caught.

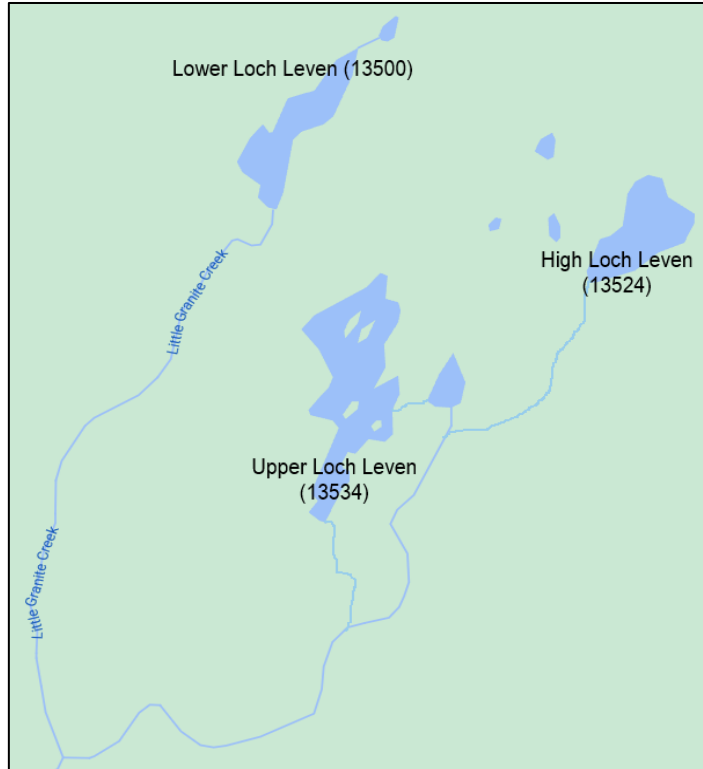


Figure 2. Overview map of Loch Leven Lakes, Placer County (CDFW BIOS Viewer, retrieved 9.02.20).

Table 1. Gillnet catch in each Loch Leven lake from three CDFW fish surveys.

Year	Species	Lower	Upper	High
2003	RT	6	1	0
	BK	1	0	0
2016	-	0	0	0
2020	RT	3	11	0

The Scientific Aides conducted a Visual Encounter Survey (VES) of all three Loch Leven Lakes on July 14, 2020, searching for diurnal herpetofauna. The VES of Lower Loch Leven Lake began at 2:10 pm under clear skies, calm wind, and an air temperature of 23 degrees Celsius. The survey continued until 2:37 pm for a total survey effort of 24 minutes. One sub-adult Sierra Gartersnake (*Thamnophis couchii*; THCO) was observed. The VES of Upper Loch Leven Lake began at 1:56 pm under clear skies, light wind, and an air temperature of 23 degrees Celsius. The survey continued until 2:46 for a total survey effort of 35 minutes. No herpetofauna were observed during the survey, however one adult Mountain Gartersnake (*Thamnophis elegans elegans*; THEL) was encountered incidentally on July 16, 2020 (**Figure 3**). The VES of High Loch Leven Lake began at 3:23 pm under clear skies, light wind, and an air temperature of 24 degrees Celsius. The survey continued until 3:52 pm for a total survey effort of 22 minutes. No herpetofauna or fish were observed.



Figure 3. Mountain Gartersnake found at Upper Loch Leven Lake, Placer County, on July 16, 2020.

As stated earlier, none of the Loch Leven Lakes have been stocked since the year 2000. No herpetofauna species of special concern, such as the Sierra Nevada Yellow-Legged Frog (*Rana sierrae*), were detected during the VES, and RT persist in Lower Loch Leven Lake and Upper Loch Leven Lake.

Lower Loch Leven Lake was last stocked in 2000 with 2,000 fingerling RT (**Table 2**).

Three adult sized RT were captured during the gill net survey, and one was released alive (**Figure 4 & Table 3**). These fish are not holdovers since the most recent stocking event was 20 years ago. Clearly some degree of natural reproduction occurs within the system, but it is unclear where spawning and juvenile recruitment might occur. Nevertheless, natural reproduction seems insufficient to support a sports fishery without regular fish plants.

Table 2. CDFW Stocking History for Lower Loch Leven Lake, Placer County, from 1989 to 2000.

Year	Species	Number of Fish Planted	Size
1989	RT	3,000	Fingerling
1990	RT	1,000	Fingerling
1991	RT	1,800	Fingerling
1993	RT	3,000	Fingerling
1994	RT	2,000	Fingerling
1995	RT	2,000	Fingerling
1996	RT	2,100	Fingerling
1997	RT	2,000	Fingerling
1998	RT	2,000	Fingerling
1999	RT	2,000	Fingerling
2000	RT	2,000	Fingerling



Figure 4. Photograph of Rainbow Trout captured during a gill net survey of Lower Loch Leven Lake, Placer Co., on July 14, 2020.

Upper Loch Leven Lake was last stocked in the year 2000 with 2,000 fingerling BK (**Table 4**). Eleven adult RT were captured during the gill net survey and two were released alive (**Table 5 & Figure 5**). One of the two fish released alive released eggs during handling but the ten other RT in the gill net were all males. Similar to Lower Loch Leven, the fish sample at Upper Loch Leven cannot be explained by CDFW stocking

Table 3. Length, weight, and sex of fish captured during a gill net survey at Lower Loch Leven Lake, Placer Co., on July 14, 2020.

Species	Length (mm)	Weight (g)	Sex (F/M)
RT	495	-	-
RT	362	415	M
RT	330	255	M

Table 4. CDFW Stocking History for Upper Loch Leven Lake, Placer County, from 1989-2000.

Year	Species	Number of Fish Planted	Size
1989	RT	1,000	Fingerling
1991	RT	1,800	Fingerling
1993	RT	2,000	Fingerling
1994	RT	2,000	Fingerling
1995	RT	2,000	Fingerling
1996	RT	2,100	Fingerling
1997	RT	2,000	Fingerling
1998	BK	2,000	Fingerling
2000	BK	2,000	Fingerling

Table 5. Length, weight, and sex of fish captured during a gill net survey at Upper Loch Leven Lake, Placer Co., on July 14, 2020.

Species	Length (mm)	Weight (g)	Sex (F/M)
RT	365	590	M
RT	360	405	F
RT	377	450	M
RT	365	420	M
RT	336	375	M
RT	357	445	M
RT	358	390	M
RT	360	370	M
RT	367	420	M
RT	370	360	M
RT	329	390	M

history and suggests that RT are immigrating into the lake during high flow when the ephemeral tributaries are connected to the North Fork American River. Regardless, the natural reproduction or immigration is not sufficient to support a sports fishery without regular fish plants.

High Loch Leven Lake was last stocked in 2000 with 500 fingerling BK (**Table 4**). The lake has been sampled by CDFW in 2003, 2016, and 2020, and no fish have been captured in any of the surveys (**Table 1**). Surveys suggest the BK planted at High Loch Leven were not self-sustaining. While it is unclear if BK were able to naturally



Figure 5. Photograph of Rainbow Trout captured during a gill net survey of Upper Loch Leven Lake, Placer Co., on July 14, 2020.

reproduce at High Loch Leven, it is likely few to none of the BK planted in 2000 persisted to 2003. The lake is shallow with a maximum depth of 3.1 meters and prone to winter kills. As a result, High Loch Leven should not be planted in the future.

Findings from 2020 surveys of the Loch Leven Lakes suggest they are not currently an RT sports fishery. Fingerling plants of RT should resume at Lower and Upper Loch Leven Lakes with allotments of 2,000 fingerlings annually. Additional monitoring should be conducted approximately three years after planting to document survivorship and growth, if any.

FISH SURVEYING

Trout: rainbow trout (RT), golden trout (GT), cutthroat trout (CT), brown trout (BN), brook trout (BK), hybrids (GT x RT, CT x RT)										DATE: 7/20/2020		
Site Name (if available): Loch Leven Lake 3					Survey Crew: JTS, LMH, LTM					Net depth (m): 4.5		
SITE ID: 13500		Fish Survey Method: (circle one) gill net			hook and line		e-fish		Net Location (UTM NAD 83) E: 0715186 N: 4351767		Fish captured? (circle one) Y (insert data below) N	
Gill Net: near inlet		General location (circle one) near outlet		other		Net Set Date: 7/14/2020		Net set time (hhmm): 1923		Net Pull Date: 7/15/2020		Net pull time (hhmm): 0717
Electrofishing		Location:		Start coord. (downstream)		End coord. (upstream)		Start (hhmm):		End (hhmm):		On Time (sec):
		(inlet or outlet #)		E N		E N		E N		E N		
E-fisher Settings (if needed):			Volts:	Hz:	Duty Cycle:		Pulse:		Other:			
Fish #	Species	Tot. Lgth (mm)	Weight (g)	Sex	Egg Stage (F only)			Otoliths?	Comments			
1	RT	495	-(244mm girth)	-	-	-	-	-	Released alive. 244mm girth.			
2	RT	362	415	M	-	-	-	-				
3	RT	336	255	M	-	-	-	-				
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PLEASE Return to: Isaac Chellman, California Department of Fish and Wildlife, (916) 358-4038; 1701 Nimbus Rd., Rancho Cordova, CA 95670

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Data Sheet 2, pg. 1 of 2

Figure 6. Data Sheet with gill net data from a survey conducted on July 14, 2020, at Lower Loch Leven Lake, Placer County.

CDFW High Mountain Lakes - Amphibian and Reptile Visual Encounter Survey Data Sheet

Site ID: 13500	Date: 7/14/2020	SKY: Clear	Partly Cloudy	Mostly Cloudy	Overcast	Rain	Snow	Smoke	WIND: Calm	Light	Moderate	Strong
Topo Name: (1:24,000) Loch Leven Lake 3	County: Placer	Elevation: m ft	If not surveyed, provide reason:		Private Property	Frozen	Not Found	No Access				
Surveyors: LTM	Water Type: Lake	Unmapped pond	Marsh/ meadow	Spring seep	Stream (Skip to "STREAMS" on pg. 2)							
Lake Name: (from map) Lower Loch Leven Lake	East UTM: 0715115	North UTM: 4351629	UTM Zone: 10									
Color: (Clear) Stained	Turbidity: Clear	Water (.5 m from shore, Temp 10cm deep): 22 @ 1409	Air (1 m above water): 23 @ 1407	Seasonality: Perennial	Currently Dry?							
Survey START time: 1410	Survey END time: 1437	Total survey duration (min): 24	HERPS SEEN? YES NO	FISH SEEN? YES NO	Ephemeral							
*FOR LAKES/PONDS/MEADOWS: ALSO SURVEY FIRST 200 m OF INLETS AND OUTLETS. RECORD DATA SEPARATELY IN THE "STREAMS" SECTION ON PG. 2												
HERP SPECIES	# adults	# subadults	# metamorphs	# larvae	# egg m.	# swabs	Survey Method					
THCO		1					Visual	Trapped				
Calling? Y N							Aural	Hand Collected				
							Amp Net	Incidental				
Calling? Y N							Visual	Trapped				
							Aural	Hand Collected				
							Amp Net	Incidental				
Calling? Y N							Visual	Trapped				
							Aural	Hand Collected				
							Amp Net	Incidental				
Calling? Y N							Visual	Trapped				
							Aural	Hand Collected				
							Amp Net	Incidental				
FISH SPECIES (circle species seen, if known; BK (brook trout), BN (brown trout), CT (cutthroat trout), GT (golden trout), RT (rainbow trout) HYBRID (e.g. GT x RT), OTHER (e.g. minnows)												
Amphibians: S. Long-toed Salamander (AMMA); Yosemite Toad (ANCA, family BUCA); Sierran Treefrog (HYSI, family PSRE or HYRE); Sierra Nevada Yellow-legged Frog (RASI)												
Amph. less common in HML: CA Toad (ANBO, family BUBO); Bullfrog (RACT); Cascades Frog (RACA); CA Red-legged Frog (RADR); Sierra Newt (TASI, family TATO)												
Reptiles: Sierra Gartersnake (THCO); Mountain Gartersnake (THEL); Valley Gartersnake (THSI); Western Pond Turtle (EMMA, family CLMA)												

PHOTOS	Photo Number	Camera	Time	Date (yy-mm-dd)	UTM E	UTM N	Comments
Overview	1400	LTM	1400	2020-Jul-14	-	-	overview photo
Herps							
Other							

<p>SITE SKETCH:</p>	<p>NOTES:</p> <p>Fish Present in Gill Net.</p> <p>Outlet flows to trail.</p> <p>Inlet - signs of beaver dropped trees.</p> <p>Inlet = 13492 outlet</p>
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Figure 7. Data Sheet containing Visual Encounter Survey data from a survey conducted on July 14, 2020, at Lower Loch Leven Lake, Placer County.

FISH SURVEYING

Trout: rainbow trout (RT), golden trout (GT), cutthroat trout (CT), brown trout (BN), brook trout (BK), hybrids (GT x RT, CT x RT)										DATE: 7/20/2020
Site Name (if available): Loch Leven Lake 2					Survey Crew: JTS, CMH, LTM					Net depth (m): 7.5
SITE ID: 13534		Fish Survey Method: (circle one) gill net hook and line e-fish			Net Location (UTM NAD 83) E: 0715298 N: 4351225			Fish captured? (circle one) Y (insert data below) N		
Gill Net: near inlet near outlet		General location (circle one): near outlet other		Net Set Date: 7/14/2020		Net set time (hhmm): 2127		Net Pull Date: 7/15/2020		Net pull time (hhmm): 0609
Electrofishing		Location: (inlet or outlet #)		Start coord. (downstream)		End coord. (upstream)		Start (hhmm):		End (hhmm):
E-fisher Settings (if needed):		Volts: -		Hz: -		Duty Cycle: -		Pulse: -		Other: -
Fish #	Species	Tot. Lgth (mm)	Weight (g)	Sex	Egg Stage (F only)			Otoliths?	Comments	
					Early	Ripe	Late			
1	RT	365	590	M	-	-	-	-	Released Alive	
2	RT	360	405	F	-	-	-	-	Released Alive	
3	RT	377	450	M	-	-	-	-		
4	RT	365	420	M	-	-	-	-		
5	RT	336	375	M	-	-	-	-		
6	RT	357	445	M	-	-	-	-		
7	RT	358	390	M	-	-	-	-		
8	RT	360	370	M	-	-	-	-		
9	RT	367	420	M	-	-	-	-		
10	RT	370	360	M	-	-	-	-		
11	RT	329	390	M	-	-	-	-		
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Data Sheet 2, pg. 1 of 2

Figure 8. Data Sheet with gill net data from a survey conducted on July 14, 2020, at Upper Loch Leven Lake, Placer County.

CDFW High Mountain Lakes - Amphibian and Reptile Visual Encounter Survey Data Sheet

Site ID: 13534	Date: 7/14/2020	SKY: <input checked="" type="radio"/> Clear <input type="radio"/> Partly Cloudy <input type="radio"/> Mostly Cloudy <input type="radio"/> Overcast	Rain <input type="radio"/> Snow <input type="radio"/> Smoke <input type="radio"/>	WIND: Calm <input checked="" type="radio"/> Light <input type="radio"/> Moderate <input type="radio"/> Strong			
Topo Name: (1:24,000)	County: Placer	Elevation: m ft	If not surveyed, provide reason:	Private Property <input type="checkbox"/> Frozen <input type="checkbox"/> Not Found <input type="checkbox"/> No Access <input type="checkbox"/>			
Surveyors: JTS	Water Type: <input checked="" type="radio"/> Lake <input type="radio"/> Unmapped pond <input type="radio"/> Marsh/meadow <input type="radio"/> Spring seep <input type="radio"/> Stream (Skip to "STREAMS" on pg. 2)						
Lake Name: (from map) Loch Leven Lake 2	East UTM: 0715275	North UTM: 4351246	UTM Zone: 10				
Color: <input checked="" type="radio"/> Clear <input type="radio"/> Stained	Water (5 m from shore, 10cm deep): 22° @ 1356 <input checked="" type="radio"/> F <input type="radio"/> C	Air (1 m above water): 23° @ 1352 <input checked="" type="radio"/> F <input type="radio"/> C	Seasonality: <input checked="" type="radio"/> Perennial <input type="radio"/> Ephemeral				
Turbidity: <input checked="" type="radio"/> Clear <input type="radio"/> Cloudy	Survey START time: 1356	Survey END time: 1446	Total survey duration (min): 35	HERPS SEEN? <input checked="" type="radio"/> YES <input type="radio"/> NO			
				FISH SEEN? <input checked="" type="radio"/> YES <input type="radio"/> NO			
*FOR LAKES/PONDS/MEADOWS: ALSO SURVEY FIRST 200 m OF INLETS AND OUTLETS. RECORD DATA SEPARATELY IN THE "STREAMS" SECTION ON PG. 2							
HERP SPECIES	# adults	# subadults	# metamorphs	# larvae	# egg m.	# swabs	Survey Method
THEL	1						<input checked="" type="radio"/> Visual Trapped
Calling? Y N							Aural Hand Collected
							Amp Net Incidental
							Visual Trapped
Calling? Y N							Aural Hand Collected
							Amp Net Incidental
							Visual Trapped
Calling? Y N							Aural Hand Collected
							Amp Net Incidental
							Visual Trapped
Calling? Y N							Aural Hand Collected
							Amp Net Incidental
							Visual Trapped
Calling? Y N							Aural Hand Collected
							Amp Net Incidental
FISH SPECIES (circle species seen, if known): BK (brook trout), BN (brown trout), CT (cutthroat trout), GT (golden trout), RT (rainbow trout) HYBRID (e.g., GT x RT), OTHER (e.g., minnows)							
Amphibians: S. Long-toed Salamander (AMMA); Yosemite Toad (ANCA, fmlly BUCA); Sierran Treefrog (HYSI, fmlly PSRE or HYRE); Sierra Nevada Yellow-legged Frog (RASI)							
Amph. less common in HML: CA Toad (ANBO, fmlly BUBO); Bullfrog (RACT); Cascades Frog (RACA); CA Red-legged Frog (RADR); Sierra Newt (TASI, fmlly TATO)							
Reptiles: Sierra Gartersnake (THCO); Mountain Gartersnake (THEL); Valley Gartersnake (THSI); Western Pond Turtle (EMMA, fmlly CLMA)							

PHOTOS	Photo Number	Camera	Time	Date (yyyy-mm-dd)	UTM E	UTM N	Comments
Overview	JTSP1636	P	1636	2020 Jul 14			Overview of NE bank
Herps	0541	P	0901	2020 Jul 16			Incidental THEL
	0543	P	0901	↓			Incidental THEL
Other	JTSP1603	P	1603	2020 Jul 14			Many damselflies
	JTSP1614	P	1614	↓			Tank pool

<p>SITE SKETCH:</p>	<p>NOTES:</p> <p>Usually saw 3 RT very shallow in water column. Also 2 dead RT on bank.</p> <p>1 RT was witnessed feeding on damselflies that were hovering ~6in above the water.</p>
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Figure 9. Data Sheet containing Visual Encounter Survey data from a survey conducted on July 14, 2020, at Upper Loch Leven Lake, Placer County.

FISH SURVEYING

Trout: rainbow trout (RT), golden trout (GT), cutthroat trout (CT), brown trout (BN), brook trout (BK), hybrids (GT x RT, CT x RT) DATE: 7/20/2020

Site Name (if available): High Loch Leven Lake Survey Crew: JTS, CMH, LTM Net depth (m): 2-5

SITE ID: 13524 Fish Survey Method: (circle one) gill net hook and line e-fish Net Location (UTM NAD 83) E: 0715939 N: 4351609 Fish captured? (circle one) Y (insert data below) N

Gill Net: near inlet General location (circle one) near outlet other Net Set Date: 7/15/2020 Net set time (hhmm): 2004 Net Pull Date: 7/16/2020 Net pull time (hhmm): 0712

Electrofishing Location: Start coord. (downstream) End coord. (upstream) Start (hhmm) End (hhmm) On Time (sec):

E-fisher Settings (if needed): Volts: Hz: Duty Cycle: Pulse: Other:

Fish #	Species	Tot. Lgth (mm)	Weight (g)	Sex	Egg Stage (F only)			Otoliths?	Comments
					Early	Ripe	Late		
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Figure 10. Data Sheet with gill net data from a survey conducted on July 15, 2020, at High Loch Leven Lake, Placer County.

CDFW High Mountain Lakes - Amphibian and Reptile Visual Encounter Survey Data Sheet

Site ID: 13524	Date: 7/14/20	SKY: <input checked="" type="radio"/> Clear <input type="radio"/> Partly Cloudy <input type="radio"/> Mostly Cloudy <input type="radio"/> Overcast <input type="radio"/> Rain <input type="radio"/> Snow <input type="radio"/> Smoke	WIND: <input checked="" type="radio"/> Calm <input type="radio"/> Light <input type="radio"/> Moderate <input type="radio"/> Strong				
Topo Name: High Loch Leven (1:24,000)	County: Placer	Elevation: — m ft	If not surveyed, provide reason: <input type="checkbox"/> Private Property <input type="checkbox"/> Frozen <input type="checkbox"/> Not Found <input type="checkbox"/> No Access				
Surveyors: CMH		Water Type: <input checked="" type="radio"/> Lake <input type="radio"/> Unmapped pond <input type="radio"/> Marsh/meadow <input type="radio"/> Spring seep <input type="radio"/> Stream (Skip to "STREAMS" on pg. 2)					
Lake Name: High Loch Leven (from map)	East UTM: 0716771	North UTM: 4351479	UTM Zone: 10S				
Color: <input checked="" type="radio"/> Clear <input type="radio"/> Stained	Water (5 m from shore, Turbidity: <input checked="" type="radio"/> Clear <input type="radio"/> Cloudy)	Temp 10cm deep: 22 @ 1522 <input type="radio"/> C <input type="radio"/> F	Air (1 m above water): 24 @ 1515 <input type="radio"/> C <input type="radio"/> F				
Survey START time: 1523	Survey END time: 1552	Total survey duration (min): 22	HERPS SEEN? <input checked="" type="radio"/> YES <input checked="" type="radio"/> NO				
			FISH SEEN? <input checked="" type="radio"/> YES <input checked="" type="radio"/> NO				
Seasonality: <input checked="" type="radio"/> Perennial <input type="radio"/> Ephemeral							
Currently Dry? <input type="radio"/> Yes <input checked="" type="radio"/> No							
*FOR LAKES/PONDS/MEADOWS: ALSO SURVEY FIRST 200 m OF INLETS AND OUTLETS. RECORD DATA SEPARATELY IN THE "STREAMS" SECTION ON PG. 2							
HERP SPECIES	# adults	# subadults	# metamorphs	# larvae	# egg m.	#swabs	Survey Method
Calling? Y N							Visual Trapped Aural Hand Collected Amp Net Incidental
Calling? Y N							Visual Trapped Aural Hand Collected Amp Net Incidental
Calling? Y N							Visual Trapped Aural Hand Collected Amp Net Incidental
Calling? Y N							Visual Trapped Aural Hand Collected Amp Net Incidental
Calling? Y N							Visual Trapped Aural Hand Collected Amp Net Incidental
Calling? Y N							Visual Trapped Aural Hand Collected Amp Net Incidental
Calling? Y N							Visual Trapped Aural Hand Collected Amp Net Incidental
FISH SPECIES (circle species seen, if known): BK (brook trout), BN (brown trout), CT (cutthroat trout), GT (golden trout), RT (rainbow trout) HYBRID (e.g., GT x RT), OTHER (e.g., minnows)							
Amphibians: S. Long-toed Salamander (AMMA); Yosemite Toad (ANCA, family BUCA); Sierran Treefrog (HYSI, family PSRE or HYRE); Sierra Nevada Yellow-legged Frog (RASI)							
Amph. less common in HML: CA Toad (ANBO, family BUBO); Bullfrog (RACT); Cascades Frog (RACA); CA Red-legged Frog (RADR); Sierra Newt (TASI, family TATO)							
Reptiles: Sierra Gartersnake (THCO); Mountain Gartersnake (THEL); Valley Gartersnake (THSI); Western Pond Turtle (EMMA, family CLMA)							

PHOTOS	Photo Number	Camera	Time	Date (yyyy-mm-dd)	UTM E	UTM N	Comments
Overview	0019	cmh	1534	2020 Jul 14	715937	4351642	—
Herps							
Other							

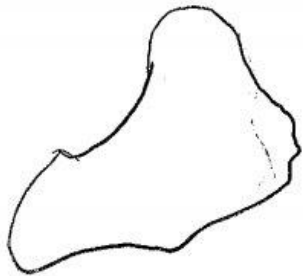
<p>SITE SKETCH:</p> 	<p>NOTES:</p> <p align="center">—</p>
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Figure 11. Data Sheet containing Visual Encounter Survey data from a survey conducted on July 14, 2020, at High Loch Leven Lake, Placer County. No herpetofauna species were seen during the VES.