

**Aquatic Species Distribution on Mendocino Redwood
Company Forestlands
1994, 1995, 1996, 2000 and 2001**



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AQUATIC SPECIES DISTRIBUTION FOR WATERSHEDS ON MENDOCINO REDWOOD COMPANY FORESTLANDS.

Introduction

The primary objective of this study is to conduct basin-wide stream surveys to assess the existing fish distribution and species compositions for watersheds in Mendocino Redwood Company's (MRC) ownership. The study was initially conducted by the previous land owner (Louisiana Pacific) during the summers of 1994, 1995 and 1996. At the time of this report, MRC has conducted the survey for two summers (2000 and 2001). MRC will repeat the study during the summer of 2002. By conducting the study in three year increments all year classes of coho salmon (*Oncorhynchus kisutch*) are surveyed.

Juvenile salmon and trout commonly segregate in streams along gradients of depth, velocity, substrate, and temperature (Chapman and Bjornn 1969; Everest and Chapman 1972; Reeves et al. 1987). Many abiotic and biotic parameters change from the headwaters to the lower stream reaches in a downstream direction (Vannote et al. 1981); thus, change in distribution and relative abundance of juvenile trout and salmon is expected (Platts 1979). The quantity and quality of instream habitat are factors that are important in maintaining resident and anadromous fish populations. Forest management practices and other anthropogenic influences can substantially alter instream habitat availability and also may influence the distribution of fishes in a drainage basin.

The most basic of fish distribution surveys involves determining the spatial extent of fishes within a drainage basin through "spot" field sampling. After the general fish species distribution is determined, area-specific intensive monitoring can elucidate positive or negative trends in populations of fishes.

Information on the distribution of fish species for watersheds within MRC's forestlands will assist land managers in making informed decisions and prescribing management actions that are beneficial to a diverse assemblage of stream-dwelling species. In addition, it is hoped that any major changes in the distribution of fish species can be detected from historical data or future watershed assessment efforts.

Methods

To cover the greatest geographical area, a hierarchical framework is used to select the locations of field survey areas in each river or stream. Major rivers are segmented into lower, middle, and upper segments. Smaller systems are segmented into lower and upper segments. Each segment is then sampled in habitat units representative of the survey area. The basic survey unit, a site containing at least two consecutive habitat-types (pool-riffle sequences), is selected within each stream segment. Survey time at each survey unit varies based on stream conditions. A minimum segment length of 90 feet is established at each site. Surveys are performed during low flows between June and October of each year.

Prior to initiating surveys water quality is measured using a Horiba™ U-10 Water Quality Checker. Measurements taken are water temperature (°C), conductivity (microS/cc), dissolved oxygen (mg/L), and pH. Stream air temperature is measured with a pocket thermometer and water visibility is estimated. Stream discharge is estimated or measured with a Swiffer™ Model 2100 flow meter.

The primary survey method is electrofishing using a Smith-Root™ Model 12 (Smith-Root Inc., Vancouver, WA) backpack electrofisher. One person operates the backpack electrofisher while one or two other individuals use dip nets to capture the stunned species. The captured specimens are placed into a five-gallon bucket containing stream water. When the survey ends, aquatic species are enumerated, measured to fork length (salmonids), or snout-vent length (amphibians) and released back into the units from which they are captured. All fish and vertebrate species are identified to the lowest possible taxonomic level.

Diving (snorkeling) is used to assess species presence at stream segments where the channel is large enough to preclude electrofishing or where elevated stream temperatures have the potential to adversely impact the health of the animals being electrofished. The basic survey unit for snorkeling consists of a minimum of two pools, however if riffles are deep enough to allow underwater observation these units are sampled. Depending on the channel width, one to four divers are used for the field surveys. The diver(s) enters the survey unit from the downstream end and waits approximately one-minute before proceeding upstream to observe species. If the water velocity is too fast for divers to proceed upstream, the unit is surveyed by floating downstream. Dive slates are used to record data underwater. During the survey time, salmonid species are enumerated by age class according to pre-determined size-age class categories (0 = <70mm, 1+ = 70–130mm, 2+ = >130mm). All other fish and vertebrate species observed during the field surveys are identified to the lowest possible taxonomic level.

Results

This report compiles and summarizes aquatic species distribution data collected during the summers of 1994, 1995, 1996, 2000, and 2001 for watersheds containing Mendocino Redwood Company forestlands. The data is arranged as follows:

Tables A1-A129 summarize biological results. Salmonid species are grouped into size classes. In certain years the number of organisms falling into these size classes was recorded. In other years only presence or absence was recorded. If a count is available the report presents this; if not, the report simply states "present". Blank spaces indicate that no organisms were observed. Non-salmonid species observed are listed.

Tables B1-B129 summarize the physical data collected at the sites. Different parameters were recorded each year. The tables are our best attempt to maintain all the useful data. Blank spaces indicate that no data is available. The following parameters are presented in this report:

- **Method:** Electrofishing (E), diving (D), or visual observation (V) (organisms observed from out of the water).
- **Effort:** The time spent electrofishing in minutes.
- **Distance:** The length of stream sampled in feet.
- **Pool:Riffle:Flatwater by Length:** The ratio of pool, riffle, and flatwater sampled by length.
- **Visibility:** The estimated water clarity. 1=<1 ft. 2=1-5 ft. 3=>5 ft..
- **Flow:** Estimated or measured stream discharge; 1 = <1 cubic feet per second (CFS), 2= 1-5 CFS, 3= >5 CFS.
- **DO:** Dissolved oxygen measured with Horiba U10 Water Quality Checker. Reported in milligrams per liter.
- **Temp.:** Water temperature measured with a pocket thermometer or a Horiba U10 Water Quality Checker. Reported in degrees Celsius.
- **pH:** Water pH measured with a Horiba U10 Water Quality Checker.

The introduction section contains a species list and table of contents. Maps of site locations and appendices with UTM coordinates and the latitude / longitude of each site are located at the back of each inventory block section.

Species List

Table 1. Species abbreviations for aquatic species distribution surveys on Mendocino Redwood Company's forestlands.

Common Name	Scientific Name	Abbreviation
Silver Salmon	<i>Oncorhynchus kisutch</i>	COH
Steelhead Trout	<i>Oncorhynchus mykiss</i>	STH
Ammocete (Pacific Lamprey Larvae)	<i>Lampetra tridentata</i>	AMM
Pacific Lamprey	<i>Lampetra tridentata</i>	LAM
Pacific Brook Lamprey	<i>Lampetra spp.</i>	PBL
Threespine Stickleback	<i>Gasterosteus aculeatus</i>	STB
Sacramento Sucker	<i>Castomus occidentalis</i>	SKR
Sculpin	<i>Cottus spp.</i>	SCP
Prickly Sculpin	<i>Cottus asper</i>	PR
Coast Range Sculpin	<i>Cottus aleuticus</i>	CR
California Roach	<i>Lavinia symmetricus</i>	RCH
Bull Frog	<i>Rana catesbeiana</i>	BLF
Yellow Legged Frog	<i>Rana boylei</i>	YLF
Red Legged Frog	<i>Rana aurora</i>	RLF
Tailed Frog	<i>Ascaphus truei</i>	TLF
Pacific Tree Frog	<i>Hyla regilla</i>	PTF
Clouded Salamander	<i>Aneides ferreus</i>	CDS
Pacific Giant Salamander	<i>Dicamptodon tenebrosus</i>	PGS
California Newt	<i>Taricha torosa</i>	CNT
Rough Skinned Newt	<i>Taricha granulosa</i>	RSN
Newt	<i>Taricha spp.</i>	NEW
Northwestern Pond Turtle	<i>Clemmys marmorata marmorata</i>	NWP
Crayfish	<i>Pacifasticus spp.</i>	CRY

Table of Contents

Inventory Block	Basin	Tables (Biological Data)	Tables (Physical Data)	Maps	Appendices
Rockport	Eel River	A1-A15	B1-B15	1-3	1
	Cottaneva Creek	A16-A20	B16-B20	4	1
	Hardy Creek	A21-A22	B21-B22	5	1
	Juan Creek	A23-A24	B23-B24	5	1
	Howard Creek	A25-A26	B25-B26	5	1
Noyo	Noyo River	A27-A41	B27-41	6-8	2
	Doyle Creek	A42	B42	9	2
Big River	Big River	A43-A59	B43-B59	10-13	3
Albion	Buckhorn Creek	A60	B60	14	4
	Albion River	A61-A69	B61-B69	14-16	4
Ukiah	Russian River (Upper)	A70-A72	B70-B72	17-18	5
Navarro	Navarro River	A73-A100	B73-B100	19-25	6
South Coast	Greenwood Creek	A101-A103	B101-B103	26-27	7
	Elk Creek	A104-A109	B104-B109	28-29	7
	Mills Creek	A110	B110	30	7
	Mallo Pass Creek	A111	B111	30	7
	Alder Creek	A112-A115	B112-B115	30-31	7
Garcia River	Garcia River	A116-A119	B116-B119	33-34	8
	Point Arena Creek	A120	B120	32	8
	Moat Creek	A121	B121	32	8
	Schooner Gulch	A122	B122	32	8
Sonoma	Gualala River	A123-A126	B123-B126	35	9
	Russian River (Lower)	A127-A129	B127-B129	36	9

Literature Cited

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- Everest, FH., and DW. Chapman. 1972. Habitat selection and spatial interaction by juvenile chinook salmon and steelhead trout in two Idaho streams. *Canadian Journal of Fisheries and Aquatic Sciences* 29: 91-100.
- Platts, WS. 1979. Relationships among stream order, fish populations, and aquatic geomorphology in an Idaho river drainage. *Fisheries (Bethesda)* 4(2): 5-9.
- Reeves, GH., FH. Everest, and JD. Hall. 1987. Interactions between redbside shiner (*Richardsonius balteatus*) and the steelhead trout (*Salmo gairdneri*) in western Oregon: the influence of water temperature. *Canadian Journal of Fisheries and Aquatic Sciences* 44: 1603-1613.
- Vannote, RL., GW. Minshall, KW. Cummins, JR. Sedell, and CE. Cushing. 1981. The river continuum concept. *Canadian Journal of Fisheries and Aquatic Sciences* 37: 130-137.

Table A1. Summary of results for aquatic species surveys within the Eel River watershed, Mendocino Co., California. Refer to Map 1.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
MILL CREEK	41-01	8/14/1996	PRESENT	PRESENT				PGS YLF
MILL CREEK	41-01	6/23/2000	9					PGS YLF
MILL CREEK	41-01	9/26/2001		1				PGS
TRIB TO MILL CREEK #1	41-02	8/14/1996						PGS YLF
MILL CREEK	41-03	8/14/1996		PRESENT				NEW PGS YLF
MILL CREEK	41-03	9/26/2001	1	1				

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B1. Summary of site parameters within the Eel River watershed, Mendocino Co., California. Refer to Map 1.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
MILL CREEK	41-01	8/14/1996	E	9			3	2		15	
MILL CREEK	41-01	6/23/2000	E	4	107	1.0:0.8:0.0	3	1	8.9	12.7	7.5
MILL CREEK	41-01	9/26/2001	E	2	103	1.0:1.7:0.0	3	1	6.43	12.4	6.3
TRIB TO MILL CREEK #1	41-02	8/14/1996	E	2			3	1		13.5	
TRIB TO MILL CREEK #1	41-02	6/23/2000	E	3	52	1.0:1.9:0.0	3	1	9.76	12.4	6.9
MILL CREEK	41-03	8/14/1996	E	9			3	1		15	
MILL CREEK	41-03	9/26/2001	E	2	101	1.0:0.5:0.0	3	1		12	6.6

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A2. Summary of results for aquatic species surveys within the Eel River watershed, Mendocino Co., California. Refer to Maps 2-3.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
MULE CREEK	41-04	8/11/1994	6	2				PGS
MULE CREEK	41-04	7/10/1995		PRESENT				PGS
MULE CREEK	41-04	8/8/1996	PRESENT	PRESENT				PGS
MULE CREEK	41-04	6/19/2000	1	1	1			PGS
MULE CREEK	41-04	9/25/2001	1	4				
MULE CREEK	41-05	7/10/1995		PRESENT				PGS
MULE CREEK	41-05	8/8/1996	PRESENT	PRESENT	PRESENT			PGS YLF
MULE CREEK	41-05	6/19/2000	3	3				PGS
SOUTH FORK CREEK	41-51	6/19/2000	21				1	PGS
SOUTH FORK CREEK	41-51	9/25/2001		1		8		PGS
MIDDLE CREEK	41-50	6/19/2000						PGS YLF
MIDDLE CREEK	41-50	9/25/2001	5					CNT
MIDDLE CREEK	41-06	7/10/1995						CNT PGS YLF
MIDDLE CREEK	41-06	8/7/1996						PGS YLF
MIDDLE CREEK	41-06	6/19/2000						PGS

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B2. Summary of site parameters within the Eel River watershed, Mendocino Co., California. Refer to Maps 2-3.

Stream Name	SITE ID	DATE	METHOD e=electrofifish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
MULE CREEK	41-04	8/11/1994	E	5	150		2	1		14.5	
MULE CREEK	41-04	7/10/1995	E	4			3	2		13	
MULE CREEK	41-04	8/8/1996	E	7			3	1		13.5	
MULE CREEK	41-04	6/19/2000	E	6	108	1.0:0.8:0.0	3	1	9.09	13.9	7.1
MULE CREEK	41-04	9/25/2001	E	1	94	1.0:0.0:0.4	3	1	6.24	12.8	6.9
MULE CREEK	41-05	7/10/1995	E	4			2	1		13	
MULE CREEK	41-05	8/8/1996	E	6			3	1		13	
MULE CREEK	41-05	6/19/2000	E	6	108	1.0:0.4:0.0	3	1	8.6	13.3	7.4
SOUTH FORK CREEK	41-51	6/19/2000	E	6	95	1.0:0.9:0.0	3	2	9.98	12.9	7.8
SOUTH FORK CREEK	41-51	9/25/2001	E	3	88	1.0:1.2:0.0	3	1		12.3	6.7
MIDDLE CREEK	41-50	6/19/2000	E	8	118	1.0:1.7:0.0	3	1	9.4	12.6	7.5
MIDDLE CREEK	41-50	9/25/2001	E	2	92	1.0:0.7:0.0	3	0		13.2	6.8
MIDDLE CREEK	41-06	7/10/1995	E	10			3	1		12.5	
MIDDLE CREEK	41-06	8/7/1996	E	3			3	1		14	
MIDDLE CREEK	41-06	6/19/2000	E	4	94	1.0:0.3:0.0	3	1	9.11	11.6	7.4

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A3. Summary of results for aquatic species surveys within the Eel River watershed, Mendocino Co., California. Refer to Maps 2-3.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
MIDDLE CREEK	41-06	9/25/2001						PGS
ISLAM JOHN CREEK	41-07	7/8/1995						PGS
ISLAM JOHN CREEK	41-07	8/6/1996						NEW PGS
ISLAM JOHN CREEK	41-07	6/19/2000						PGS
ISLAM JOHN CREEK	41-07	9/28/2001						PGS
LOST MAN CREEK	41-08	7/19/1994						PGS YLF
LOST MAN CREEK	41-08	7/8/1995						PGS
LOST MAN CREEK	41-08	8/6/1996						PGS YLF
LOST MAN CREEK	41-08	6/19/2000						PGS YLF
LOST MAN CREEK	41-08	9/28/2001						
LOST MAN CREEK	41-09	8/6/1996						PGS
LOST MAN CREEK	41-09	6/19/2000						CNT PGS YLF
TRIB TO WALTERS CREEK #1	41-10	8/6/1996						PGS
WALTERS CREEK	41-11	7/19/1994	10		2			
WALTERS CREEK	41-11	7/8/1995	PRESENT					

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B3. Summary of site parameters within the Eel River watershed, Mendocino Co., California. Refer to Maps 2-3.

Stream Name	SITE ID	DATE	METHOD e=electrofishing d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
MIDDLE CREEK	41-06	9/25/2001	E	3	98	1.0:0.7:0.3	3	1		12	6.4
ISLAM JOHN CREEK	41-07	7/8/1995	E	3			2	1		14.5	
ISLAM JOHN CREEK	41-07	8/6/1996	E	4			2	1		15.5	
ISLAM JOHN CREEK	41-07	6/19/2000	E	2	55	1.0:0.6:0.0	3	1	8.3	15	7.4
ISLAM JOHN CREEK	41-07	9/28/2001	E	2	89	1.0:0.7:0.3	3	1		11.8	6.6
LOST MAN CREEK	41-08	7/19/1994	E	5	140		2	1		18	
LOST MAN CREEK	41-08	7/8/1995	E	3			2	2		17	
LOST MAN CREEK	41-08	8/6/1996	E	6			3	1		18	
LOST MAN CREEK	41-08	6/19/2000	E	4	93	1.0:1.1:0.0	3	1	7.9	16	7.8
LOST MAN CREEK	41-08	9/28/2001	E	2	93	1.0:0.0:0.2	3	1		10.8	6.2
LOST MAN CREEK	41-09	8/6/1996	E	2			2	1		19	
LOST MAN CREEK	41-09	6/19/2000	E	8	115	1.0:1.6:0.0	3	1	7.8	15	7.3
TRIB TO WALTERS CREEK #1	41-10	8/6/1996	E	2			3	0		12	
WALTERS CREEK	41-11	7/19/1994	E	5	110		2	1		17	
WALTERS CREEK	41-11	7/8/1995	E	5			3	2		14	

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A4. Summary of results for aquatic species surveys within the Eel River watershed, Mendocino Co., California. Refer to Maps 2-3.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
WALTERS CREEK	41-11	8/6/1996	PRESENT	PRESENT	PRESENT			PGS YLF
WALTERS CREEK	41-11	9/28/2001	1					PGS
WALTERS CREEK	41-12	7/19/1994						PGS
WALTERS CREEK	41-12	7/8/1995	PRESENT					
WALTERS CREEK	41-12	8/6/1996	PRESENT	PRESENT				PGS
WALTERS CREEK	41-12	6/19/2000		1				CNT PGS
LOST PIPE CREEK	41-13	7/8/1995	PRESENT					
LOST PIPE CREEK	41-13	8/6/1996	PRESENT	PRESENT	PRESENT			
LOST PIPE CREEK	41-13	6/19/2000		4				PGS
LOST PIPE CREEK	41-13	9/28/2001		1				
BEAR CREEK	41-14	7/19/1994	1					PGS
BEAR CREEK	41-14	7/8/1995	PRESENT					RSN
BEAR CREEK	41-14	8/7/1996	PRESENT	PRESENT				
BEAR CREEK	41-14	6/19/2000		1				PGS
BEAR CREEK	41-14	9/27/2001	2					PGS

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B4. Summary of site parameters within the Eel River watershed, Mendocino Co., California. Refer to Maps 2-3.

Stream Name	SITE ID	DATE	METHOD e=electrofishing d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
WALTERS CREEK	41-11	8/6/1996	E	7			3	2		13.5	
WALTERS CREEK	41-11	9/28/2001	E	2	121	1.0:1.1:0.0	3	1		12.4	6.6
WALTERS CREEK	41-12	7/19/1994	E	4	100		2	1		17.5	
WALTERS CREEK	41-12	7/8/1995	E	3			2	1		14.5	
WALTERS CREEK	41-12	8/6/1996	E	4			3	1		15	
WALTERS CREEK	41-12	6/19/2000	E	5	103	1.0:1.7:0.0	3	1	9	17	7.7
LOST PIPE CREEK	41-13	7/8/1995	E	3			3	2		13.5	
LOST PIPE CREEK	41-13	8/6/1996	E	4			3	2		13.5	
LOST PIPE CREEK	41-13	6/19/2000	E	7	117	1.0:0.8:0.0	3	1	8.9	16	7.9
LOST PIPE CREEK	41-13	9/28/2001	E	2	69	1.0:0.4:0.0	3	1	7.66	11.4	6.8
BEAR CREEK	41-14	7/19/1994	E	5	68		2	1		14	
BEAR CREEK	41-14	7/8/1995	E	3			2	2		12.5	
BEAR CREEK	41-14	8/7/1996	E	4			2	1		14	
BEAR CREEK	41-14	6/19/2000	E	7	119	1.0:0.3:0.0	3	1	9.11	12.7	7.2
BEAR CREEK	41-14	9/27/2001	E	1	83	1.0:0.2:0.0	3	0		12	6.4

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A5. Summary of results for aquatic species surveys within the Eel River watershed, Mendocino Co., California. Refer to Maps 2-3.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
BEAR CREEK	41-15	7/19/1994	2	2				NEW PGS
BEAR CREEK	41-15	7/8/1995		PRESENT				PGS
BEAR CREEK	41-15	8/7/1996	PRESENT	PRESENT	PRESENT			PGS
BEAR CREEK	41-15	6/19/2000	2					PGS
REDWOOD CREEK	41-16	7/18/1994	6			18		PGS
REDWOOD CREEK	41-16	7/10/1995	PRESENT	PRESENT		PRESENT	PRESENT	
REDWOOD CREEK	41-16	8/7/1996	PRESENT			PRESENT		
REDWOOD CREEK	41-16	6/16/2000	7			7		PGS
REDWOOD CREEK	41-16	9/27/2001	7			13		PGS
REDWOOD CREEK	41-17	7/18/1994	1	1			4	
REDWOOD CREEK	41-17	7/10/1995	PRESENT	PRESENT		PRESENT	PRESENT	
REDWOOD CREEK	41-17	8/6/1996	PRESENT	PRESENT		PRESENT	PRESENT	
REDWOOD CREEK	41-17	6/15/2000	34	6	1	8		PGS
REDWOOD CREEK	41-17	10/10/2001	10	3	1			PGS
TRIB TO REDWOOD CREEK #1	41-49	6/15/2000						PGS

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B5. Summary of site parameters within the Eel River watershed, Mendocino Co., California. Refer to Maps 2-3.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
BEAR CREEK	41-15	7/19/1994	E	5	110		2			14	
BEAR CREEK	41-15	7/8/1995	E	4			2	2		12.5	
BEAR CREEK	41-15	8/7/1996	E	6			3	1		14	
BEAR CREEK	41-15	6/19/2000	E	5	144	1.0:1.2:0.5	3	1	8.83	12.7	7.0
REDWOOD CREEK	41-16	7/18/1994	E	5	60		2	1		15	
REDWOOD CREEK	41-16	7/10/1995	D							11.5	
REDWOOD CREEK	41-16	8/7/1996	E	8			2	2		13	
REDWOOD CREEK	41-16	6/16/2000	E	12	127	1.0:1.0:0.0	3	1	9.41	15.4	7.7
REDWOOD CREEK	41-16	9/27/2001	E	2	92	1.0:0.8:1.1	3	1	4.7	12.1	6.5
REDWOOD CREEK	41-17	7/18/1994	E	6	120		2	1		14.5	
REDWOOD CREEK	41-17	7/10/1995	E	5			2	1		11	
REDWOOD CREEK	41-17	8/6/1996	E	6			2	1		14	
REDWOOD CREEK	41-17	6/15/2000	E	11	91	1.0:0.5:0.0	3	1	8.4	14.4	7.0
REDWOOD CREEK	41-17	10/10/2001	E	2	87	1.0:0.3:0.0	2	1		9.3	6.5
TRIB TO REDWOOD CREEK #1	41-49	6/15/2000	E	6	101	1.0:1.7:0.0	3	1	9.4	12.6	7.0

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A6. Summary of results for aquatic species surveys within the Eel River watershed, Mendocino Co., California. Refer to Maps 2-3.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
REDWOOD CREEK	41-18	7/18/1994	2	3				PGS
REDWOOD CREEK	41-18	7/10/1995						PGS
REDWOOD CREEK	41-18	8/6/1996	PRESENT	PRESENT	PRESENT			PGS
REDWOOD CREEK	41-18	6/15/2000	3	3				
REDWOOD CREEK	41-18	10/10/2001		2				
SF REDWOOD CREEK	41-19	7/19/1994				21		NEW PGS
SF REDWOOD CREEK	41-19	7/10/1995				PRESENT		
SF REDWOOD CREEK	41-19	8/6/1996	PRESENT	PRESENT		PRESENT		
SF REDWOOD CREEK	41-19	6/16/2000	17			19		
SF REDWOOD CREEK	41-20	7/19/1994		4				PGS
SF REDWOOD CREEK	41-20	7/10/1995	PRESENT					PGS
SF REDWOOD CREEK	41-20	8/7/1996	PRESENT	PRESENT		PRESENT	PRESENT	PGS
SF REDWOOD CREEK	41-20	6/16/2000	1	6				PGS
SF REDWOOD CREEK	41-20	10/10/2001		1				
TRIB TO SF REDWOOD CREEK #1	41-21	7/10/1995	PRESENT	PRESENT				PGS

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B6. Summary of site parameters within the Eel River watershed, Mendocino Co., California. Refer to Maps 2-3.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
REDWOOD CREEK	41-18	7/18/1994	E	5	140		2	1		13	
REDWOOD CREEK	41-18	7/10/1995	E	3			1	1		11	
REDWOOD CREEK	41-18	8/6/1996	E	7			3	1		14	
REDWOOD CREEK	41-18	6/15/2000	E	5	96	1.0:0.5:0.0	2	1	7.85	14.5	7.3
REDWOOD CREEK	41-18	10/10/2001	E	2	108	1.0:0.0:0.0	1	1		10.8	6.0
SF REDWOOD CREEK	41-19	7/19/1994	E	6	190		2	1		15	
SF REDWOOD CREEK	41-19	7/10/1995	E	6			2	1		11	
SF REDWOOD CREEK	41-19	8/6/1996	E	9			3	2		15	
SF REDWOOD CREEK	41-19	6/16/2000	E	7	113	1.0:0.6:0.0	2	1	8.62	12.5	6.9
SF REDWOOD CREEK	41-20	7/19/1994	E	5	100		2	1		13.5	
SF REDWOOD CREEK	41-20	7/10/1995	E	6			2	1		11.5	
SF REDWOOD CREEK	41-20	8/7/1996	E	8			3	1		12	
SF REDWOOD CREEK	41-20	6/16/2000	E	4	92	1.0:0.5:0.0	3	1	8.2	12	7.1
SF REDWOOD CREEK	41-20	10/10/2001	E	2	81	1.0:0.8:0.0	1	0	3.04	9.5	6.3
TRIB TO SF REDWOOD CREEK #1	41-21	7/10/1995	E	6			2	1		10.5	

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A7. Summary of results for aquatic species surveys within the Eel River watershed, Mendocino Co., California. Refer to Maps 2-3.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
TRIB TO SF REDWOOD CREEK #1	41-21	8/7/1996	PRESENT	PRESENT				
TRIB TO SF REDWOOD CREEK #1	41-21	6/16/2000		1	1			
SF REDWOOD CREEK	41-22	7/10/1995	PRESENT					
SF REDWOOD CREEK	41-22	8/7/1996						PGS
SF REDWOOD CREEK	41-22	6/16/2000						PGS
SF REDWOOD CREEK	41-22	10/10/2001	3	2				PGS
HOLLOW TREE CREEK	41-23	7/18/1994	11	1		11		AMM PGS
HOLLOW TREE CREEK	41-23	7/10/1995	PRESENT	PRESENT		PRESENT		RSN
HOLLOW TREE CREEK	41-23	8/7/1996	PRESENT	PRESENT		PRESENT		AMM LAM PGS
HOLLOW TREE CREEK	41-23	6/16/2000	29			5		AMM PGS
HOLLOW TREE CREEK	41-23	10/10/2001	12			6	1	
BOND CREEK	41-24	7/18/1994	10	2		10		AMM PGS
BOND CREEK	41-24	7/8/1995	PRESENT			PRESENT		PGS
BOND CREEK	41-24	8/6/1996	PRESENT	PRESENT		PRESENT		PGS YLF
BOND CREEK	41-24	6/15/2000	13			2		

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B7. Summary of site parameters within the Eel River watershed, Mendocino Co., California. Refer to Maps 2-3.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
TRIB TO SF REDWOOD CREEK #1	41-21	8/7/1996	E	7			3	1		11.5	
TRIB TO SF REDWOOD CREEK #1	41-21	6/16/2000	E	3	91	1.0:0.4:0.0	3	1	9.28	12.3	7.3
SF REDWOOD CREEK	41-22	7/10/1995	V				2	1			
SF REDWOOD CREEK	41-22	8/7/1996	E	1			2	1		12	
SF REDWOOD CREEK	41-22	6/16/2000	E	5	109	1.0:0.5:0.3	3	1	8.47	13	7.2
SF REDWOOD CREEK	41-22	10/10/2001	E	2	73	1.0:0.5:0.0	1	0	1.44	9.4	6.1
HOLLOW TREE CREEK	41-23	7/18/1994	E	5	100		3	2		19	
HOLLOW TREE CREEK	41-23	7/10/1995	D				3	2		13	
HOLLOW TREE CREEK	41-23	8/7/1996	E	13			3	2		15	
HOLLOW TREE CREEK	41-23	6/16/2000	E	17	182	1.0:0.9:0.0	3	1	8.3	14	7.2
HOLLOW TREE CREEK	41-23	10/10/2001	E	3	118	1.0:0.5:0.0	3	2		8.9	6.7
BOND CREEK	41-24	7/18/1994	E	5	105		2	1		17.5	
BOND CREEK	41-24	7/8/1995	E	6			3	2		14.5	
BOND CREEK	41-24	8/6/1996	E	6			3	2		13.5	
BOND CREEK	41-24	6/15/2000	E	10	111	1.0:1.1:0.0	3	1	8.81	15.1	7.8

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A8. Summary of results for aquatic species surveys within the Eel River watershed, Mendocino Co., California. Refer to Maps 2-3.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
BOND CREEK	41-24	10/9/2001	2			4		AMM
BOND CREEK	41-25	7/18/1994	18	2		3		PGS
BOND CREEK	41-25	7/10/1995	PRESENT	PRESENT				PGS
BOND CREEK	41-25	8/6/1996	PRESENT	PRESENT		PRESENT		PGS
BOND CREEK	41-25	6/15/2000	14	2	1			PGS
BOND CREEK	41-25	10/9/2001		1				PGS
BOND CREEK	41-26	8/5/1996	PRESENT	PRESENT	PRESENT	PRESENT		PGS
BOND CREEK	41-26	6/15/2000	8	3				PGS
BOND CREEK	41-27	8/5/1996	PRESENT	PRESENT		PRESENT		YLF
BOND CREEK	41-27	6/15/2000	6	1	1			CRY PGS
BOND CREEK	41-27	10/9/2001	3		1			PGS
MICHAELS CREEK	41-28	7/21/1994	20	3		2		AMM PGS
MICHAELS CREEK	41-28	7/18/1995	PRESENT	PRESENT		PRESENT		NEW
MICHAELS CREEK	41-28	8/6/1996	PRESENT	PRESENT	PRESENT	PRESENT		PGS
MICHAELS CREEK	41-28	6/14/2000	28			3		PGS

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B8. Summary of site parameters within the Eel River watershed, Mendocino Co., California. Refer to Maps 2-3.

Stream Name	SITE ID	DATE	METHOD e=electrofishing d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
BOND CREEK	41-24	10/9/2001	E	2	120	1.0:0.2:0.0	3	1		9.8	6.1
BOND CREEK	41-25	7/18/1994	E	5	110		2	1		16	
BOND CREEK	41-25	7/10/1995	E	7			3	2		11.5	
BOND CREEK	41-25	8/6/1996	E	11			3	2		12.5	
BOND CREEK	41-25	6/15/2000	E	7	120	1.0:0.3:0.0	3	1	9.48	13.6	7.5
BOND CREEK	41-25	10/9/2001	E	3	94	1.0:0.5:0.0	3	1	6.19	10.1	6.2
BOND CREEK	41-26	8/5/1996	E	5			3	2		14.5	
BOND CREEK	41-26	6/15/2000	E	9	145	1.0:0.5:0.0	2	1	9.23	13.1	7.4
BOND CREEK	41-27	8/5/1996	E	4			3	2		15.5	
BOND CREEK	41-27	6/15/2000	E	4	105	1.0:0.4:0.0	3	1	8.72	12.4	7.1
BOND CREEK	41-27	10/9/2001	E	2	85	1.0:0.7:0.0	3	0	6.05	12.1	6.7
MICHAELS CREEK	41-28	7/21/1994	E	10	100		2	1		15.5	
MICHAELS CREEK	41-28	7/18/1995	D				3	2		14.5	
MICHAELS CREEK	41-28	8/6/1996	E	8			3	2		17.5	
MICHAELS CREEK	41-28	6/14/2000	E	14	149	1.0:0.9:0.8	3	1	7.46	15.9	7.5

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A9. Summary of results for aquatic species surveys within the Eel River watershed, Mendocino Co., California. Refer to Maps 2-3.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
MICHAELS CREEK	41-28	10/12/2001	3	1		3		
MICHAELS CREEK	41-29	7/21/1994	16	5		11		PGS
MICHAELS CREEK	41-29	7/8/1995	PRESENT	PRESENT		PRESENT		NEW PGS
MICHAELS CREEK	41-29	8/6/1996	PRESENT	PRESENT		PRESENT		CRY PGS
MICHAELS CREEK	41-29	6/14/2000	15	3		11		CNT PGS
MICHAELS CREEK	41-29	10/12/2001	8	1		10		
TRIB TO MICHAELS CREEK #1	41-30	8/15/1996						PGS
TRIB TO MICHAELS CREEK #1	41-30	6/14/2000	18	1		8		PGS
MICHAELS CREEK	41-31	8/15/1996	PRESENT	PRESENT	PRESENT			PGS RSN YLF
MICHAELS CREEK	41-31	6/14/2000	17					PGS
DOCTORS CREEK	41-32	7/19/1994	3	1				PGS
DOCTORS CREEK	41-32	7/8/1995	PRESENT	PRESENT		PRESENT		
DOCTORS CREEK	41-32	8/6/1996	PRESENT	PRESENT		PRESENT	PRESENT	PGS
DOCTORS CREEK	41-32	6/14/2000	15			3	1	PGS
DOCTORS CREEK	41-32	10/12/2001	5	1				PGS

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B9. Summary of site parameters within the Eel River watershed, Mendocino Co., California. Refer to Maps 2-3.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
MICHAELS CREEK	41-28	10/12/2001	E	1	91	1.0:0.0:0.8	3	1	6.5	10.7	6.8
MICHAELS CREEK	41-29	7/21/1994	E	5	70		2	1		17	
MICHAELS CREEK	41-29	7/8/1995	E	3			3	2		13.5	
MICHAELS CREEK	41-29	8/6/1996	E	7			3	1		16	
MICHAELS CREEK	41-29	6/14/2000	E	4	131	1.0:1.1:0.0	3	1	9	14.8	7.6
MICHAELS CREEK	41-29	10/12/2001	V		21	1.0:0.0:0.0	3	0		12.4	5.7
TRIB TO MICHAELS CREEK #1	41-30	8/15/1996	E	1			3	0		15	
TRIB TO MICHAELS CREEK #1	41-30	6/14/2000	E	3	105	1.0:0.6:0.0	3	1	8.32	14.9	7.4
MICHAELS CREEK	41-31	8/15/1996	E	10			3	1		15.5	
MICHAELS CREEK	41-31	6/14/2000	E	5	131	1.0:2.2:0.0	3	1	8.66	13.8	7.2
DOCTORS CREEK	41-32	7/19/1994	E	5	100		2	1		14	
DOCTORS CREEK	41-32	7/8/1995	D				3	1		12.5	
DOCTORS CREEK	41-32	8/6/1996	E	4			3	1		14	
DOCTORS CREEK	41-32	6/14/2000	E	5	101	1.0:0.8:0.0	3	1	8.72	14.3	7.7
DOCTORS CREEK	41-32	10/12/2001	E	2	85	1.0:1.1:0.0	3	1	6.9	11	6.8

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A10. Summary of results for aquatic species surveys within the Eel River watershed, Mendocino Co., California. Refer to Maps 2-3.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
DOCTORS CREEK	41-33	8/6/1996		PRESENT				PGS
DOCTORS CREEK	41-33	6/14/2000		1				PGS
DOCTORS CREEK	41-33	10/12/2001	6					
LYNCH CREEK	41-34	8/15/1996	PRESENT	PRESENT				PGS
LYNCH CREEK	41-34	6/14/2000						PGS
LYNCH CREEK	41-34	10/11/2001						PGS
HOLLOW TREE CREEK	41-35	7/18/1994	30	2				
HOLLOW TREE CREEK	41-35	7/7/1995	PRESENT			PRESENT		CNT
HOLLOW TREE CREEK	41-35	8/5/1996	PRESENT	PRESENT				AMM LAM PGS RSN
HOLLOW TREE CREEK	41-35	6/13/2000	40	1		1		AMM PGS
HOLLOW TREE CREEK	41-35	9/27/2001	5	1		7		
WALDRON CREEK	41-36	7/18/1994	12	2				AMM PGS
WALDRON CREEK	41-36	7/8/1995	PRESENT	PRESENT				PGS
WALDRON CREEK	41-36	8/5/1996	PRESENT	PRESENT				PGS
WALDRON CREEK	41-36	6/14/2000	21	8				PGS

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B10. Summary of site parameters within the Eel River watershed, Mendocino Co., California. Refer to Maps 2-3.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
DOCTORS CREEK	41-33	8/6/1996	E	6			3	1			
DOCTORS CREEK	41-33	6/14/2000	E	7	123	1.0:0.4:0.0	3	1	9.24	13.5	7.5
DOCTORS CREEK	41-33	10/12/2001	E	1	101	1.0:0.7:0.0	3	1		10.5	6.6
LYNCH CREEK	41-34	8/15/1996	E	4			3	1		14	
LYNCH CREEK	41-34	6/14/2000	E	5	91	1.0:0.2:0.2	3	1	9.47	13.3	7.5
LYNCH CREEK	41-34	10/11/2001	E	4	107	1.0:0.5:0.0	3	0	7.1	10.9	6.6
HOLLOW TREE CREEK	41-35	7/18/1994	E	5	77		2	1		16	
HOLLOW TREE CREEK	41-35	7/7/1995	D				3	2		15.5	
HOLLOW TREE CREEK	41-35	8/5/1996	E	8			3	3		16	
HOLLOW TREE CREEK	41-35	6/13/2000	E	28	229	1.0:0.6:0.0	1	1	10.12	13.6	7.9
HOLLOW TREE CREEK	41-35	9/27/2001	E	2	100	0.0:1.0:1.8	3	2		11.5	6.0
WALDRON CREEK	41-36	7/18/1994	E	5	65		2	1		15.5	
WALDRON CREEK	41-36	7/8/1995	E	6			3	2		11.5	
WALDRON CREEK	41-36	8/5/1996	E	6			3	1		14	
WALDRON CREEK	41-36	6/14/2000	E	9	100	1.0:1.2:0.0	3	1	8.96	12.9	7.7

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A11. Summary of results for aquatic species surveys within the Eel River watershed, Mendocino Co., California. Refer to Maps 2-3.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
WALDRON CREEK	41-36	9/27/2001	4		1			PGS
WALDRON CREEK	41-37	7/18/1994	13	1				PGS
WALDRON CREEK	41-37	7/8/1995	PRESENT					PGS
WALDRON CREEK	41-37	8/5/1996	PRESENT	PRESENT				PGS
WALDRON CREEK	41-37	6/14/2000	11	3				PGS
WALDRON CREEK	41-37	9/27/2001	2					PGS
WALDRON CREEK	41-38	7/18/1994						PGS
WALDRON CREEK	41-38	7/8/1995	PRESENT					PGS
WALDRON CREEK	41-38	8/5/1996	PRESENT	PRESENT	PRESENT			PGS
WALDRON CREEK	41-38	6/14/2000		2	1			CRY PGS
WALDRON CREEK	41-38	9/27/2001	1					PGS
BEAR PEN CREEK	41-39	7/21/1994						PGS
BEAR PEN CREEK	41-39	7/7/1995						PGS
BEAR PEN CREEK	41-39	8/6/1996						PGS
BEAR PEN CREEK	41-39	6/12/2000						PGS

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B11. Summary of site parameters within the Eel River watershed, Mendocino Co., California. Refer to Maps 2-3.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
WALDRON CREEK	41-36	9/27/2001	E	3	101	1.0:0.7:0.0	3	1		11.9	6.4
WALDRON CREEK	41-37	7/18/1994	E	5	125		2	1		15	
WALDRON CREEK	41-37	7/8/1995	E	6			2	1		11.5	
WALDRON CREEK	41-37	8/5/1996	E	6			3	1		14	
WALDRON CREEK	41-37	6/14/2000	E	5	91	1.0:0.2:0.0	3	1	10.32	12.3	7.4
WALDRON CREEK	41-37	9/27/2001	E	2	90	1.0:1.8:0.0	3	1		11.8	6.7
WALDRON CREEK	41-38	7/18/1994	E	5	200		2	1		14	
WALDRON CREEK	41-38	7/8/1995	E	4			3	1		11.5	
WALDRON CREEK	41-38	8/5/1996	E	3			3	1		13.5	
WALDRON CREEK	41-38	6/14/2000	E	7	105	1.0:0.6:0.0	3	1	9.7	11.5	7.3
WALDRON CREEK	41-38	9/27/2001	E	2	104	1.0:0.7:0.4	3	2	7.3	11.8	6.5
BEAR PEN CREEK	41-39	7/21/1994	E	5	70		2	1		14.5	
BEAR PEN CREEK	41-39	7/7/1995	E	2			2	1		14	
BEAR PEN CREEK	41-39	8/6/1996	E	4			2	1		14	
BEAR PEN CREEK	41-39	6/12/2000	E	5	91	1.0:1.0:0.0	3	1	9.25	11.4	7.2

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A12. Summary of results for aquatic species surveys within the Eel River watershed, Mendocino Co., California. Refer to Maps 2-3.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
BEAR PEN CREEK	41-39	9/24/2001						PGS
HUCKLEBERRY CREEK	41-40	7/21/1994	10	2		10		AMM PGS
HUCKLEBERRY CREEK	41-40	7/7/1995	PRESENT			PRESENT		PGS
HUCKLEBERRY CREEK	41-40	8/5/1996	PRESENT			PRESENT		PGS
HUCKLEBERRY CREEK	41-40	6/12/2000	23	1	2	10	1	PGS
HUCKLEBERRY CREEK	41-40	9/24/2001	1	1	1	7	1	
BEAR WALLOW CREEK	41-41	7/21/1994	11	5		6		PGS
BEAR WALLOW CREEK	41-41	7/7/1995	PRESENT	PRESENT		PRESENT		PGS
BEAR WALLOW CREEK	41-41	8/5/1996	PRESENT			PRESENT		PGS
BEAR WALLOW CREEK	41-41	6/12/2000	32	1	1	27		PGS
BEAR WALLOW CREEK	41-41	9/13/2001	11	1				
BEAR WALLOW CREEK	41-42	7/21/1994	17	2		14		PGS
BEAR WALLOW CREEK	41-42	7/7/1995	PRESENT	PRESENT		PRESENT		PGS
BEAR WALLOW CREEK	41-42	8/5/1996	PRESENT	PRESENT	PRESENT	PRESENT	PRESENT	PGS
BEAR WALLOW CREEK	41-42	6/12/2000	13	1		27		PGS

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B12. Summary of site parameters within the Eel River watershed, Mendocino Co., California. Refer to Maps 2-3.

Stream Name	SITE ID	DATE	METHOD e=electrofishing d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
BEAR PEN CREEK	41-39	9/24/2001	E	2	91	1.0:0.7:0.0	3	1	3.68	11.4	6.4
HUCKLEBERRY CREEK	41-40	7/21/1994	E	5	50		2	2		15	
HUCKLEBERRY CREEK	41-40	7/7/1995	E	5			3	2		14	
HUCKLEBERRY CREEK	41-40	8/5/1996	E	6			3	1		14	
HUCKLEBERRY CREEK	41-40	6/12/2000	E	8	132	1.0:0.7:0.0	3	1	9.65	11.4	7.5
HUCKLEBERRY CREEK	41-40	9/24/2001	E	95	92	1.0:0.0:0.8	3	1	6.45	9.9	6.6
BEAR WALLOW CREEK	41-41	7/21/1994	E	5	75		2	1		14	
BEAR WALLOW CREEK	41-41	7/7/1995	E	4			3	2		13	
BEAR WALLOW CREEK	41-41	8/5/1996	E	8			3	1		14.5	
BEAR WALLOW CREEK	41-41	6/12/2000	E	11	186	1.0:0.8:0.0	3	1	9.76	10.4	6.8
BEAR WALLOW CREEK	41-41	9/13/2001	E	2	93	1.0:0.8:0.0	3	1	7.71	11.7	6.8
BEAR WALLOW CREEK	41-42	7/21/1994	E	5	80		2	1		14	
BEAR WALLOW CREEK	41-42	7/7/1995	E	7			2	2		13	
BEAR WALLOW CREEK	41-42	8/5/1996	E	8			3	1		13.5	
BEAR WALLOW CREEK	41-42	6/12/2000	E	11	100	1.0:1.5:0.0	3	1	9.51	10.5	7.3

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A13. Summary of results for aquatic species surveys within the Eel River watershed, Mendocino Co., California. Refer to Maps 2-3.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
BEAR WALLOW CREEK	41-42	9/13/2001	4	1				PGS
BEAR WALLOW CREEK	41-43	7/7/1995	PRESENT	PRESENT		PRESENT		PGS
BEAR WALLOW CREEK	41-43	8/5/1996	PRESENT	PRESENT		PRESENT	PRESENT	PGS
BEAR WALLOW CREEK	41-43	6/12/2000	8	1				PGS
BEAR WALLOW CREEK	41-43	9/13/2001	6	3			1	PGS
LITTLE BEAR WALLOW CREEK	41-44	7/21/1994		4			8	PGS
LITTLE BEAR WALLOW CREEK	41-44	7/7/1995						PGS
LITTLE BEAR WALLOW CREEK	41-44	8/5/1996	PRESENT			PRESENT		PGS
LITTLE BEAR WALLOW CREEK	41-44	6/12/2000	4			6	1	PGS
LITTLE BEAR WALLOW CREEK	41-44	9/13/2001	1					
HUCKLEBERRY CREEK	41-45	7/21/1994	3	3		18	6	
HUCKLEBERRY CREEK	41-45	7/7/1995	PRESENT	PRESENT		PRESENT		PGS
HUCKLEBERRY CREEK	41-45	8/5/1996	PRESENT	PRESENT	PRESENT	PRESENT	PRESENT	PGS
HUCKLEBERRY CREEK	41-45	6/12/2000				5	1	PGS
HUCKLEBERRY CREEK	41-45	9/13/2001	1				1	

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B13. Summary of site parameters within the Eel River watershed, Mendocino Co., California. Refer to Maps 2-3.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
BEAR WALLOW CREEK	41-42	9/13/2001	E	2	66	1.0:0.3:0.0	3	1	7.61	11.7	6.7
BEAR WALLOW CREEK	41-43	7/7/1995	E	3			2	1		14.5	
BEAR WALLOW CREEK	41-43	8/5/1996	E	5			3	1		13.5	
BEAR WALLOW CREEK	41-43	6/12/2000	E	6	87	1.0:0.3:0.0	3	1	9.66	11.3	7
BEAR WALLOW CREEK	41-43	9/13/2001	E	2	84	1.0:0.1:0.0	3	1	6.03	10.9	6.3
LITTLE BEAR WALLOW CREEK	41-44	7/21/1994	E	6	70			1		14.5	
LITTLE BEAR WALLOW CREEK	41-44	7/7/1995	E	2			2	1		13	
LITTLE BEAR WALLOW CREEK	41-44	8/5/1996	E	7			2	1		13	
LITTLE BEAR WALLOW CREEK	41-44	6/12/2000	E	4	93	1.0:0.7:0.0	3	1	11.64	12	7.4
LITTLE BEAR WALLOW CREEK	41-44	9/13/2001	E	2	58	1.0:0.9:0.0	3	1	6.8	11	6.4
HUCKLEBERRY CREEK	41-45	7/21/1994	E	5	40		2	1		13.5	
HUCKLEBERRY CREEK	41-45	7/7/1995	E	6			2	1		12	
HUCKLEBERRY CREEK	41-45	8/5/1996	E	7			3	1		13.5	
HUCKLEBERRY CREEK	41-45	6/12/2000	E	4	100	1.0:0.4:0.0	3	1	9.92	10.8	7.4
HUCKLEBERRY CREEK	41-45	9/13/2001	E	1	26	1.0:0.0:0.0	3	0	5.47	10.9	6.2

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A14. Summary of results for aquatic species surveys within the Eel River watershed, Mendocino Co., California. Refer to Maps 2-3.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
BUTLER CREEK	41-46	7/22/1994	3	6		20		AMM PGS
BUTLER CREEK	41-46	7/7/1995	PRESENT			PRESENT		PGS RSN
BUTLER CREEK	41-46	8/6/1996	PRESENT	PRESENT		PRESENT	PRESENT	PGS
BUTLER CREEK	41-46	6/13/2000	36	1		16		AMM PGS RSN
BUTLER CREEK	41-46	9/24/2001	4		1	2	1	PGS
BUTLER CREEK	41-47	7/22/1994	14	3		17		PGS
BUTLER CREEK	41-47	7/7/1995	PRESENT	PRESENT	PRESENT	PRESENT		PGS
BUTLER CREEK	41-47	8/6/1996	PRESENT	PRESENT	PRESENT	PRESENT		PGS RSN
BUTLER CREEK	41-47	6/13/2000	59	4		22		PGS
BUTLER CREEK	41-47	9/24/2001	12	1			1	PGS
HOLLOW TREE CREEK	41-48	7/22/1994	3	1		26		CDS PGS
HOLLOW TREE CREEK	41-48	7/7/1995	PRESENT			PRESENT		LAM
HOLLOW TREE CREEK	41-48	8/6/1996	PRESENT			PRESENT	PRESENT	PGS
HOLLOW TREE CREEK	41-48	6/13/2000	13			6		PGS YLF
HOLLOW TREE CREEK	41-48	9/24/2001	1			10	4	

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B14. Summary of site parameters within the Eel River watershed, Mendocino Co., California. Refer to Maps 2-3.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
BUTLER CREEK	41-46	7/22/1994	E	5	70		2	1		14.5	
BUTLER CREEK	41-46	7/7/1995	E	5			2	2		15	
BUTLER CREEK	41-46	8/6/1996	E	8			3	2		13.5	
BUTLER CREEK	41-46	6/13/2000	E	13	97	1.0:1.2:1.0	3	1	9.7	11.5	7.7
BUTLER CREEK	41-46	9/24/2001	E	2	92	1.0:0.1:0.0	3	1	5.27	10.6	6.4
BUTLER CREEK	41-47	7/22/1994	E	5	40		2	1		16	
BUTLER CREEK	41-47	7/7/1995	E	3			2	2		15	
BUTLER CREEK	41-47	8/6/1996	E	5			3	2		15	
BUTLER CREEK	41-47	6/13/2000	E	11	147	1.0:1.0:0.0	3	2	9.94	11.4	7.5
BUTLER CREEK	41-47	9/24/2001	E	2	94	1.0:0.5:0.0	3	1	4.05	11.4	6.3
HOLLOW TREE CREEK	41-48	7/22/1994	E	5	75		2	1		15	
HOLLOW TREE CREEK	41-48	7/7/1995	E	5			3	2		14.5	
HOLLOW TREE CREEK	41-48	8/6/1996	E	10			3	1		13.5	
HOLLOW TREE CREEK	41-48	6/13/2000	E	8	127	1.0:0.9:0.0	3	1	9.45	12.1	7.2
HOLLOW TREE CREEK	41-48	9/24/2001	V		79	1.0:0.0:0.0	3	0	8.24	10.4	6.6

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A15. Summary of results for aquatic species surveys within the Eel River watershed, Mendocino Co., California. Refer to Maps 2-3.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
HOLLOW TREE CREEK	41-52	6/13/2000	33	4		3		PGS RSN
JACK'O HEARTS CREEK	55-01	8/14/1996	PRESENT	PRESENT		PRESENT		PGS RSN YLF
JACK'O HEARTS CREEK	55-01	6/23/2000	14	3		2		
JACK'O HEARTS CREEK	55-01	10/11/2001		1		7		YLF

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B15. Summary of site parameters within the Eel River watershed, Mendocino Co., California. Refer to Maps 2-3.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
HOLLOW TREE CREEK	41-52	6/13/2000	E		196	1.0:0.3:0.0	3	2	9.02	14.9	7.9
JACK'O HEARTS CREEK	55-01	8/14/1996	E	9			3	1		15.5	
JACK'O HEARTS CREEK	55-01	6/23/2000	E	12	110	1.0:0.2:0.0	3	1	9.23	15.7	7.8
JACK'O HEARTS CREEK	55-01	10/11/2001	E	2	98	1.0:0.6:0.0	3	1		11.9	6.2

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A16. Summary of results for aquatic species surveys within the Cottaneva Creek watershed, Mendocino Co., California. Refer to Map 4.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
COTTANEVA CREEK	47-35	9/7/2001	3	5				CR PR STB
SF COTTANEVA CREEK	47-01	7/15/1994	12	7				CR PR
SF COTTANEVA CREEK	47-01	7/11/1995	PRESENT	PRESENT				PGS SCP
SF COTTANEVA CREEK	47-01	8/8/1996	PRESENT	PRESENT	PRESENT			PGS SCP
SF COTTANEVA CREEK	47-01	6/8/2000	36	7	1	7	1	CR PGS PR SCP
SF COTTANEVA CREEK	47-01	9/5/2001	3	18				CR PR STB
ROCKPORT CREEK	47-02	7/20/1994	9	2				CR PGS
ROCKPORT CREEK	47-02	7/11/1995	PRESENT	PRESENT	PRESENT			PGS
ROCKPORT CREEK	47-02	8/8/1996	PRESENT	PRESENT	PRESENT			PGS
ROCKPORT CREEK	47-02	6/9/2000			1			PGS
ROCKPORT CREEK	47-36	9/5/2001	8	4				CR PGS PR
TRIB TO ROCKPORT CREEK #1	47-03	8/8/1996						PGS
TRIB TO ROCKPORT CREEK #1	47-03	6/9/2000						PGS
TRIB TO ROCKPORT CREEK #1	47-03	9/5/2001	3	1				PGS
ROCKPORT CREEK	47-04	8/8/1996	PRESENT					PGS

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B16. Summary of site parameters within the Cottaneva Creek watershed, Mendocino Co., California. Refer to Map 4.

Stream Name	SITE ID	DATE	METHOD e=electrofishing d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
COTTANEVA CREEK	47-35	9/7/2001	E	2	154	1.0:0.0:0.2	1	2	8.4	13.5	7.1
SF COTTANEVA CREEK	47-01	7/15/1994	E	5	60		2	1		14	
SF COTTANEVA CREEK	47-01	7/11/1995	E	3			3	2		13	
SF COTTANEVA CREEK	47-01	8/8/1996	E	11			3	3		14	
SF COTTANEVA CREEK	47-01	6/8/2000	E	16	314	1.0:1.4:0.0	3	1	10.7	11.5	7.9
SF COTTANEVA CREEK	47-01	9/5/2001	E	5	115	1.0:0.7:0.0	3	1	8.9	12.9	6.9
ROCKPORT CREEK	47-02	7/20/1994	E	5	70		2	1		13.5	
ROCKPORT CREEK	47-02	7/11/1995	E	1			3	2		14	
ROCKPORT CREEK	47-02	8/8/1996	E	9			3	2		13.5	
ROCKPORT CREEK	47-02	6/9/2000	E	10	163	1.0:1.3:0.0	3	1	10.89	12.2	7.6
ROCKPORT CREEK	47-36	9/5/2001	E	3	123	1.0:1.3:0.6	3	1	8.28	12.1	6.5
TRIB TO ROCKPORT CREEK #1	47-03	8/8/1996	E	2			3	1		13	
TRIB TO ROCKPORT CREEK #1	47-03	6/9/2000	E	7	130	1.0:1.2:0.0	1	1	10.61	12.2	7.6
TRIB TO ROCKPORT CREEK #1	47-03	9/5/2001	E	2	100	1.0:1.9:0.0	3	1	6.01	12.4	5.8
ROCKPORT CREEK	47-04	8/8/1996	E	3			2	2		14	

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A17. Summary of results for aquatic species surveys within the Cottaneva Creek watershed, Mendocino Co., California. Refer to Map 4.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
ROCKPORT CREEK	47-04	6/9/2000						PGS
ROCKPORT CREEK	47-04	9/5/2001		1				
SF COTTANEVA CREEK	47-05	7/15/1994	12	10		2		CR PGS PR
SF COTTANEVA CREEK	47-05	7/11/1995	PRESENT	PRESENT			PRESENT	PGS SCP
SF COTTANEVA CREEK	47-05	8/8/1996	PRESENT	PRESENT		PRESENT	PRESENT	SCP
SF COTTANEVA CREEK	47-05	6/8/2000	1	1		3		CR PGS PR
SF COTTANEVA CREEK	47-05	9/10/2001	6	1				CR
SLAUGHTERHOUSE GULCH	47-06	7/20/1994	14	3				PGS PR
SLAUGHTERHOUSE GULCH	47-06	7/11/1995	PRESENT	PRESENT				PGS SCP
SLAUGHTERHOUSE GULCH	47-06	8/8/1996	PRESENT	PRESENT		PRESENT		PGS SCP
SLAUGHTERHOUSE GULCH	47-06	6/8/2000	12	4	1	4		CR PGS PR TLF
SLAUGHTERHOUSE GULCH	47-06	9/10/2001	5	1			1	CR PGS
SLAUGHTERHOUSE GULCH	47-07	7/20/1994	10	2				PGS
SLAUGHTERHOUSE GULCH	47-07	7/11/1995		PRESENT				PGS
SLAUGHTERHOUSE GULCH	47-07	8/8/1996	PRESENT					PGS

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B17. Summary of site parameters within the Cottaneva Creek watershed, Mendocino Co., California. Refer to Map 4.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
ROCKPORT CREEK	47-04	6/9/2000	E	5	90	1.0:1.4:0.0	3	1	10.5	12.2	7.7
ROCKPORT CREEK	47-04	9/5/2001	E	2	84	1.0:1.4:0.0	3	1	9.8	12.2	6.3
SF COTTANEVA CREEK	47-05	7/15/1994	E	5	65		2	1		14.5	
SF COTTANEVA CREEK	47-05	7/11/1995	E	4			3	2		13	
SF COTTANEVA CREEK	47-05	8/8/1996	E	8			3	2		14	
SF COTTANEVA CREEK	47-05	6/8/2000	E	12	106	1.0:0.6:0.0	3	2	10.92	12.4	8
SF COTTANEVA CREEK	47-05	9/10/2001	E	2	93	1.0:0.6:0.0	3	1	8.38	12.6	7.2
SLAUGHTERHOUSE GULCH	47-06	7/20/1994	E	5	90		2	1		13.5	
SLAUGHTERHOUSE GULCH	47-06	7/11/1995	E	3			3	2		12	
SLAUGHTERHOUSE GULCH	47-06	8/8/1996	E	6			3	2		13	
SLAUGHTERHOUSE GULCH	47-06	6/8/2000	E	10	98	1.0:1.0:0.0	3	1	10.01	12.3	8.1
SLAUGHTERHOUSE GULCH	47-06	9/10/2001	E	2	103	1.0:0.7:0.0	3	1	9.08	12.4	7.4
SLAUGHTERHOUSE GULCH	47-07	7/20/1994	E	5	100		2	1		13.5	
SLAUGHTERHOUSE GULCH	47-07	7/11/1995	E	3			2	1		13	
SLAUGHTERHOUSE GULCH	47-07	8/8/1996	E	6			3	2		13.5	

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A18. Summary of results for aquatic species surveys within the Cottaneva Creek watershed, Mendocino Co., California. Refer to Map 4.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
SLAUGHTERHOUSE GULCH	47-07	6/9/2000		1	1			PGS TLF
SLAUGHTERHOUSE GULCH	47-07	9/10/2001		1				PGS
KIMBALL GULCH	47-08	7/20/1994		14				PGS
KIMBALL GULCH	47-08	7/11/1995		PRESENT				PGS
KIMBALL GULCH	47-08	8/8/1996						PGS
KIMBALL GULCH	47-08	6/8/2000		1				PGS TLF
SF COTTANEVA CREEK	47-09	7/20/1994	7	3		2		
SF COTTANEVA CREEK	47-09	7/11/1995	PRESENT	PRESENT	PRESENT			PGS
SF COTTANEVA CREEK	47-09	8/8/1996	PRESENT	PRESENT	PRESENT			PGS
SF COTTANEVA CREEK	47-09	6/9/2000	38	2				PGS TLF
SF COTTANEVA CREEK	47-09	9/10/2001	7	2				PGS
POWDERHOUSE GULCH	47-10	7/20/1994	6	5				PGS
POWDERHOUSE GULCH	47-10	8/1/1995		PRESENT				PGS
POWDERHOUSE GULCH	47-10	8/7/1996						PGS
POWDERHOUSE GULCH	47-10	6/21/2000						PGS

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B18. Summary of site parameters within the Cottaneva Creek watershed, Mendocino Co., California. Refer to Map 4.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
SLAUGHTERHOUSE GULCH	47-07	6/9/2000	E	10	87	1.0:1.0:0.0	3	1	11.56	11.5	7.8
SLAUGHTERHOUSE GULCH	47-07	9/10/2001	E	1	112	1.0:3.0:0.0	3	1	8.25	12.3	6.8
KIMBALL GULCH	47-08	7/20/1994	E	5	120		2	1		13	
KIMBALL GULCH	47-08	7/11/1995	E	4			2	1		13	
KIMBALL GULCH	47-08	8/8/1996	E	4			3	2		12.5	
KIMBALL GULCH	47-08	6/8/2000	E	11	123	1.0:6.7:0.0	2	1	11.48	11.2	8.0
SF COTTANEVA CREEK	47-09	7/20/1994	E	5	40		2	1		13	
SF COTTANEVA CREEK	47-09	7/11/1995	E	4			2	2		13	
SF COTTANEVA CREEK	47-09	8/8/1996	E	5			3	2		13	
SF COTTANEVA CREEK	47-09	6/9/2000	E	21	90	1.0:2.5:0.0	3	1	11.2	11.3	7.9
SF COTTANEVA CREEK	47-09	9/10/2001	E	2	103	1.0:0.6:0.0	3	1	8.3	12.8	6.7
POWDERHOUSE GULCH	47-10	7/20/1994	E	2	50		2	1		13.5	
POWDERHOUSE GULCH	47-10	8/1/1995	E	4			3	1		14	
POWDERHOUSE GULCH	47-10	8/7/1996	E	5			3	1		14.5	
POWDERHOUSE GULCH	47-10	6/21/2000	E	9	106	1.0:3.2:0.0	3	1	9.9	12	8.2

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A19. Summary of results for aquatic species surveys within the Cottaneva Creek watershed, Mendocino Co., California. Refer to Map 4.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
POWDERHOUSE GULCH	47-10	9/5/2001						PGS
COTTANEVA CREEK	47-11	7/14/1994	10			3	1	CR PR STB
COTTANEVA CREEK	47-11	8/1/1995	PRESENT	PRESENT				SCP STB
COTTANEVA CREEK	47-11	8/8/1996	PRESENT	PRESENT				PGS SCP STB
COTTANEVA CREEK	47-11	6/21/2000	23	1		1		CR PR STB
COTTANEVA CREEK	47-11	9/5/2001	6	1	1			CR PR STB
MF COTTANEVA CREEK	47-12	7/14/1994	25	4			3	PGS TLF
MF COTTANEVA CREEK	47-12	8/1/1995	PRESENT	PRESENT				PGS SCP
MF COTTANEVA CREEK	47-12	8/7/1996	PRESENT	PRESENT		PRESENT		PGS
MF COTTANEVA CREEK	47-12	6/21/2000	47					PGS SCP
MF COTTANEVA CREEK	47-12	9/7/2001	14	3				
TRIB TO MF COTTANEVA CREEK #1	47-13	8/7/1996						PGS
TRIB TO MF COTTANEVA CREEK #1	47-13	6/21/2000	1					PGS
TRIB TO MF COTTANEVA CREEK #1	47-13	9/7/2001	1	1				PGS
MF COTTANEVA CREEK	47-14	8/7/1996	PRESENT	PRESENT				PGS

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B19. Summary of site parameters within the Cottaneva Creek watershed, Mendocino Co., California. Refer to Map 4.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
POWDERHOUSE GULCH	47-10	9/5/2001	E	2	109	1.0:0.9:0.0	3	1	9.95	13.1	7.5
COTTANEVA CREEK	47-11	7/14/1994	E	6	38		2	2		12.5	
COTTANEVA CREEK	47-11	8/1/1995	E	11			2	2		16	
COTTANEVA CREEK	47-11	8/8/1996	E	8			3	3		13	
COTTANEVA CREEK	47-11	6/21/2000	E	16	238	1.0:1.5:0.0	3	2	9.7	13	7.5
COTTANEVA CREEK	47-11	9/5/2001	E	2	107	1.0:0.8:0.0	3	2	7.42	13.3	7.1
MF COTTANEVA CREEK	47-12	7/14/1994	E	5	66		2	1		13	
MF COTTANEVA CREEK	47-12	8/1/1995	E	7			3	1		13	
MF COTTANEVA CREEK	47-12	8/7/1996	E	7			3	2		13.5	
MF COTTANEVA CREEK	47-12	6/21/2000	E	6	105	1.0:0.8:0.0	2	1	9.91	12.6	8.1
MF COTTANEVA CREEK	47-12	9/7/2001	E	2	93	1.0:0.7:0.0	3	1	8.25	13.1	7.4
TRIB TO MF COTTANEVA CREEK #1	47-13	8/7/1996	E	5			3	1		13	
TRIB TO MF COTTANEVA CREEK #1	47-13	6/21/2000	E	4	102	1.0:0.6:0.0	3	1	9	12.1	7.9
TRIB TO MF COTTANEVA CREEK #1	47-13	9/7/2001	E	2	84	1.0:1.3:0.0	3	1	8.8	12.6	7.4
MF COTTANEVA CREEK	47-14	8/7/1996	E	6			3	2		13	

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A20. Summary of results for aquatic species surveys within the Cottaneva Creek watershed, Mendocino Co., California. Refer to Map 4.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
MF COTTANEVA CREEK	47-14	6/21/2000	28	2				PGS
MF COTTANEVA CREEK	47-14	9/7/2001	25	2				PGS
NF COTTANEVA CREEK	47-15	7/14/1994	17	4		1	4	PGS SCP STB
NF COTTANEVA CREEK	47-15	8/1/1995	PRESENT	PRESENT				PGS SCP
NF COTTANEVA CREEK	47-15	8/7/1996	PRESENT	PRESENT	PRESENT	PRESENT		PGS SCP
NF COTTANEVA CREEK	47-15	6/21/2000	32	1				PGS STB
NF COTTANEVA CREEK	47-15	9/7/2001	13	5	1			PGS
NF COTTANEVA CREEK	47-16	8/7/1996	PRESENT	PRESENT	PRESENT	PRESENT		PGS SCP
NF COTTANEVA CREEK	47-16	6/21/2000	34	2				PGS
NF COTTANEVA CREEK	47-16	9/7/2001	2	12	1			PGS
NF COTTANEVA CREEK	47-17	8/7/1996		PRESENT				PGS
NF COTTANEVA CREEK	47-17	6/21/2000	40	9	1			PGS
NF COTTANEVA CREEK	47-17	9/7/2001	9					PGS

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B20. Summary of site parameters within the Cottaneva Creek watershed, Mendocino Co., California. Refer to Map 4.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
MF COTTANEVA CREEK	47-14	6/21/2000	E	6	92	1.0:3.4:0.0	3	1	9.7	12.2	7.8
MF COTTANEVA CREEK	47-14	9/7/2001	E	3	88	1.0:1.0:0.0	3	1	8.71	12.6	7.1
NF COTTANEVA CREEK	47-15	7/14/1994	E	5	57		2	2		13.5	
NF COTTANEVA CREEK	47-15	8/1/1995	E	8			3	1		14.5	
NF COTTANEVA CREEK	47-15	8/7/1996	E	9			3	3		13.5	
NF COTTANEVA CREEK	47-15	6/21/2000	E	7	112	1.0:0.3:0.0	2	2	9.77	12.7	8.0
NF COTTANEVA CREEK	47-15	9/7/2001	E	2	104	1.0:1.0:0.0	3	1	9.1	13.7	7.4
NF COTTANEVA CREEK	47-16	8/7/1996	E	5			3	2		13	
NF COTTANEVA CREEK	47-16	6/21/2000	E	12	115	1.0:2.5:0.0	3	2	10.6	13	7.9
NF COTTANEVA CREEK	47-16	9/7/2001	E	2	101	1.0:0.3:0.0	3	1	9.42	14.2	7.4
NF COTTANEVA CREEK	47-17	8/7/1996	E	7			3	2		13	
NF COTTANEVA CREEK	47-17	6/21/2000	E	10	142	1.0:2.0:0.0	3	2	10.4	13.7	7.9
NF COTTANEVA CREEK	47-17	9/7/2001	E	2	87	1.0:0.5:0.0	3	1	8.61	14.7	7.5

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A21. Summary of results for aquatic species surveys within the Hardy Creek watershed, Mendocino Co., California. Refer to Map 5.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
HARDY CREEK	47-18	7/20/1994	15	5				PGS
HARDY CREEK	47-18	8/1/1995	PRESENT	PRESENT	PRESENT			PGS SCP
HARDY CREEK	47-18	8/8/1996	PRESENT	PRESENT	PRESENT			PGS SKR
HARDY CREEK	47-18	6/22/2000	5	4	1			CR
HARDY CREEK	47-18	9/11/2001	2	2	1			CR PGS
SF HARDY CREEK	47-19	7/20/1994	7	3				PGS
SF HARDY CREEK	47-19	7/11/1995	PRESENT	PRESENT	PRESENT			PGS
SF HARDY CREEK	47-19	8/8/1996	PRESENT	PRESENT	PRESENT			PGS
SF HARDY CREEK	47-19	6/22/2000		4	2			PGS TLF
SF HARDY CREEK	47-19	9/4/2001	2	5	1			PGS
HARDY CREEK	47-20	7/20/1994	23	10				
HARDY CREEK	47-20	7/11/1995	PRESENT	PRESENT	PRESENT			PGS
HARDY CREEK	47-20	8/8/1996	PRESENT	PRESENT				PGS
HARDY CREEK	47-20	6/22/2000	1	7	1			PGS
HARDY CREEK	47-20	9/4/2001	4	2	1			PGS

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B21. Summary of site parameters within the Hardy Creek watershed, Mendocino Co., California. Refer to Map 5.

Stream Name	SITE ID	DATE	METHOD e=electrofishing d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
HARDY CREEK	47-18	7/20/1994	E	5	65		2	2		13	
HARDY CREEK	47-18	8/1/1995	E	4			3	2		16	
HARDY CREEK	47-18	8/8/1996	E	6			3	2		14	
HARDY CREEK	47-18	6/22/2000	E	7	108	1.0:0.9:0.0	3	2	9.56	14.9	7.9
HARDY CREEK	47-18	9/11/2001	E	2	99	1.0:0.5:0.0	3	2	7.84	12	7
SF HARDY CREEK	47-19	7/20/1994	E	5	130		2	1		12.5	
SF HARDY CREEK	47-19	7/11/1995	E	2			2	2		13	
SF HARDY CREEK	47-19	8/8/1996	E	7			3	1		12.5	
SF HARDY CREEK	47-19	6/22/2000	E	6	135	1.0:2.6:0.0	3	1	10.24	12.4	8.0
SF HARDY CREEK	47-19	9/4/2001	E	2	84	1.0:1.0:0.0	3	1	9	12.4	7.1
HARDY CREEK	47-20	7/20/1994	E	5	70		2	1		13	
HARDY CREEK	47-20	7/11/1995	E	3			3	2		15	
HARDY CREEK	47-20	8/8/1996	E	5			3	2			
HARDY CREEK	47-20	6/22/2000	E	6	115	1.0:0.6:0.0	3	2	9.65	12.8	8
HARDY CREEK	47-20	9/4/2001	E	2	116	1.0:1.0:0.0	3	1	7.88	12.6	7.1

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A22. Summary of results for aquatic species surveys within the Hardy Creek watershed, Mendocino Co., California. Refer to Map 5.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
NF HARDY CREEK	47-21	7/20/1994						PGS
NF HARDY CREEK	47-21	7/11/1995						PGS
NF HARDY CREEK	47-21	8/8/1996						PGS
NF HARDY CREEK	47-21	6/22/2000		8	1			PGS
NF HARDY CREEK	47-21	9/4/2001	1					PGS
NF HARDY CREEK	47-34	9/4/2001	1	1				PGS
TRIB TO HARDY CREEK #1	47-22	8/8/1996		PRESENT				PGS
TRIB TO HARDY CREEK #1	47-22	6/22/2000	2					PGS
TRIB TO HARDY CREEK #1	47-22	9/11/2001	1	2				PGS

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B22. Summary of site parameters within the Hardy Creek watershed, Mendocino Co., California. Refer to Map 5.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
NF HARDY CREEK	47-21	7/20/1994	E	3	80		2	1		12.5	
NF HARDY CREEK	47-21	7/11/1995	E	3			3	2			
NF HARDY CREEK	47-21	8/8/1996	E	4			3	1		13	
NF HARDY CREEK	47-21	6/22/2000	E	4	103	1.0:0.2:0.0	3	1	10.2	12.6	8.1
NF HARDY CREEK	47-21	9/4/2001	E	2	73	1.0:0.5:0.0	3	1	9.5	13.1	7.7
NF HARDY CREEK	47-34	9/4/2001	E	2	115	1.0:4.2:0.0	3	1	8.7	13.6	7.6
TRIB TO HARDY CREEK #1	47-22	8/8/1996	E	4			3	1		12.5	
TRIB TO HARDY CREEK #1	47-22	6/22/2000	E	5	101	1.0:2.5:0.0	2	1	9.9	12.6	7.9
TRIB TO HARDY CREEK #1	47-22	9/11/2001	E	1	102	1.0:3.4:0.0	3	1	9.08	11.4	6.7

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A23. Summary of results for aquatic species surveys within the Juan Creek watershed, Mendocino Co., California. Refer to Map 5.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
LITTLE JUAN CREEK	47-23	7/15/1994	2	6				CR PGS PR
LITTLE JUAN CREEK	47-23	7/11/1995	PRESENT	PRESENT				PGS SCP
LITTLE JUAN CREEK	47-23	8/9/1996	PRESENT	PRESENT	PRESENT			PGS SCP
LITTLE JUAN CREEK	47-23	6/22/2000	18	5				CR
LITTLE JUAN CREEK	47-23	9/6/2001	5	1				PGS
LITTLE JUAN CREEK	47-24	8/8/1996	PRESENT	PRESENT	PRESENT			
LITTLE JUAN CREEK	47-24	6/23/2000	17	5	2			PGS
LITTLE JUAN CREEK	47-25	8/9/1996						PGS
LITTLE JUAN CREEK	47-25	6/23/2000	4	5	2			PGS TLF
LITTLE JUAN CREEK	47-25	10/8/2001						PGS
JUAN CREEK	47-26	7/14/1994	8	5				CR
JUAN CREEK	47-26	7/11/1995	PRESENT	PRESENT	PRESENT			SCP
JUAN CREEK	47-26	8/9/1996	PRESENT	PRESENT	PRESENT			PGS SCP
JUAN CREEK	47-26	6/20/2000	12	7	1			CR
JUAN CREEK	47-26	9/6/2001	6	3				CR PR

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B23. Summary of site parameters within the Juan Creek watershed, Mendocino Co., California. Refer to Map 5.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
LITTLE JUAN CREEK	47-23	7/15/1994	E	5	80		2	1		13	
LITTLE JUAN CREEK	47-23	7/11/1995	E	4			2	1		13.5	
LITTLE JUAN CREEK	47-23	8/9/1996	E	5			3	2			
LITTLE JUAN CREEK	47-23	6/22/2000	E	4	102	1.0:1.0:0.0	3	1	10.46	12.1	7.9
LITTLE JUAN CREEK	47-23	9/6/2001	E	2	100	1.0:2.2:0.0	3	1	9.55	12.1	7.4
LITTLE JUAN CREEK	47-24	8/8/1996	E	7			3	2		13	
LITTLE JUAN CREEK	47-24	6/23/2000	E	5	98	1.0:0.9:0.0	3	1	9.72	12	7.7
LITTLE JUAN CREEK	47-25	8/9/1996	E	3			3	2		12.5	
LITTLE JUAN CREEK	47-25	6/23/2000	E	5	130	1.0:1.1:0.0	3	1	9.7	11.6	7.7
LITTLE JUAN CREEK	47-25	10/8/2001	E	3	103	1.0:2.1:0.0	3	1	6.8	12.1	6.4
JUAN CREEK	47-26	7/14/1994	E	5	60		2	2		14	
JUAN CREEK	47-26	7/11/1995	E	7			2	2		14	
JUAN CREEK	47-26	8/9/1996	E	6			3	2			
JUAN CREEK	47-26	6/20/2000	E	6	133	1.0:1.0:0.0	2	2	9.6	14	8
JUAN CREEK	47-26	9/6/2001	E	120	102	1.0:0.6:0.0	3	1	7.13	12.7	7

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A24. Summary of results for aquatic species surveys within the Juan Creek watershed, Mendocino Co., California. Refer to Map 5.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
JUAN CREEK	47-27	8/11/1994	13	9	2			PGS
JUAN CREEK	47-27	7/11/1995	PRESENT	PRESENT	PRESENT			PGS
JUAN CREEK	47-27	8/9/1996	PRESENT	PRESENT	PRESENT			PGS
JUAN CREEK	47-27	6/22/2000	11	6	1			PGS
JUAN CREEK	47-28	8/9/1996	PRESENT	PRESENT	PRESENT			PGS
JUAN CREEK	47-28	6/22/2000	16	15	2			PGS TLF
JUAN CREEK	47-28	9/6/2001	8	3				PGS
JUAN CREEK	47-29	8/11/1994						PGS
JUAN CREEK	47-29	7/11/1995						PGS
JUAN CREEK	47-29	8/9/1996						PGS
JUAN CREEK	47-29	6/22/2000						PGS RSN
JUAN CREEK	47-29	9/6/2001						PGS

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B24. Summary of site parameters within the Juan Creek watershed, Mendocino Co., California. Refer to Map 5.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
JUAN CREEK	47-27	8/11/1994	E	5	85		2	2		13	
JUAN CREEK	47-27	7/11/1995	E	11			3	2		13.5	
JUAN CREEK	47-27	8/9/1996	E	9			3	2			
JUAN CREEK	47-27	6/22/2000	E	6	107	1.0:4.1:0.0	2	2	10.34	13	7.9
JUAN CREEK	47-28	8/9/1996	E	4			3	2		14.5	
JUAN CREEK	47-28	6/22/2000	E	6	78	1.0:1.3:0.0	3	2	9.67	14.4	7.7
JUAN CREEK	47-28	9/6/2001	E	2	105	1.0:1.0:0.0	3	1	8.01	12.2	6.7
JUAN CREEK	47-29	8/11/1994	E	2	25		2	1		14.5	
JUAN CREEK	47-29	7/11/1995	E	2			2	1		12.5	
JUAN CREEK	47-29	8/9/1996	E	2			3	1		14.5	
JUAN CREEK	47-29	6/22/2000	E	3	97	1.0:3.2:0.0	3	1	6.97	14.2	7.3
JUAN CREEK	47-29	9/6/2001	E	2	79	1.0:0.2:0.0	3	1	5.9	13.2	6.3

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A25. Summary of results for aquatic species surveys within the Howard Creek watershed, Mendocino Co., California. Refer to Map 5.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
HOWARD CREEK	47-30	8/11/1994	26	16	1			PGS
HOWARD CREEK	47-30	7/11/1995	PRESENT	PRESENT				PGS SCP
HOWARD CREEK	47-30	8/9/1996	PRESENT	PRESENT	PRESENT			PGS SCP
HOWARD CREEK	47-30	6/26/2000	14	14	7			PGS
HOWARD CREEK	47-30	7/5/2001	10	2	1			PGS
ROCK CREEK	47-31	8/11/1994	21	14	3			PGS
ROCK CREEK	47-31	7/11/1995	PRESENT	PRESENT				PGS TLF
ROCK CREEK	47-31	8/9/1996	PRESENT	PRESENT	PRESENT			PGS SCP
ROCK CREEK	47-31	6/26/2000	25	7	1			PGS
ROCK CREEK	47-31	7/5/2001	9	3				PGS
HOWARD CREEK	47-32	8/11/1994	2	3	1			PGS
HOWARD CREEK	47-32	7/11/1995	PRESENT	PRESENT	PRESENT			PGS
HOWARD CREEK	47-32	8/9/1996	PRESENT	PRESENT	PRESENT			PGS
HOWARD CREEK	47-32	6/26/2000	22					PGS
HOWARD CREEK	47-32	7/5/2001	2	3				PGS

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B25. Summary of site parameters within the Howard Creek watershed, Mendocino Co., California. Refer to Map 5.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
HOWARD CREEK	47-30	8/11/1994	E	5	50		2	2		14	
HOWARD CREEK	47-30	7/11/1995	E	8			3	2		13	
HOWARD CREEK	47-30	8/9/1996	E	10			3	2		14	
HOWARD CREEK	47-30	6/26/2000	E	5	97	1.0:2.7:1.4	3	2	8.37	14.3	7.6
HOWARD CREEK	47-30	7/5/2001	E	2	124	1.0:0.5:0.0	3	2	10.3	14.2	6.8
ROCK CREEK	47-31	8/11/1994	E	5	45		2	1		14	
ROCK CREEK	47-31	7/11/1995	E	5			2	1		13.5	
ROCK CREEK	47-31	8/9/1996	E	6			3	2		14	
ROCK CREEK	47-31	6/26/2000	E	5	94	1.0:1.1:0.6	3	1	7.95	14.2	7.7
ROCK CREEK	47-31	7/5/2001	E	3	91	1.0:0.4:0.0	3	1	9.75	14.9	7.3
HOWARD CREEK	47-32	8/11/1994	E	5	45		2	1		13.5	
HOWARD CREEK	47-32	7/11/1995	E	4			3	2		13.5	
HOWARD CREEK	47-32	8/9/1996	E	5			3	2		13	
HOWARD CREEK	47-32	6/26/2000	E	6	125	1.0:2.3:0.2	3	1	9.3	13.3	7.6
HOWARD CREEK	47-32	7/5/2001	E	4	137	1.0:2.6:0.0	3	2	11.7	13.9	7.1

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A26. Summary of results for aquatic species surveys within the Howard Creek watershed, Mendocino Co., California. Refer to Map 5.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
HOWARD CREEK	47-33	8/9/1996						PGS
HOWARD CREEK	47-33	6/26/2000						PGS TLF
HOWARD CREEK	47-33	10/8/2001	2	1				PGS

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B26. Summary of site parameters within the Howard Creek watershed, Mendocino Co., California. Refer to Map 5.

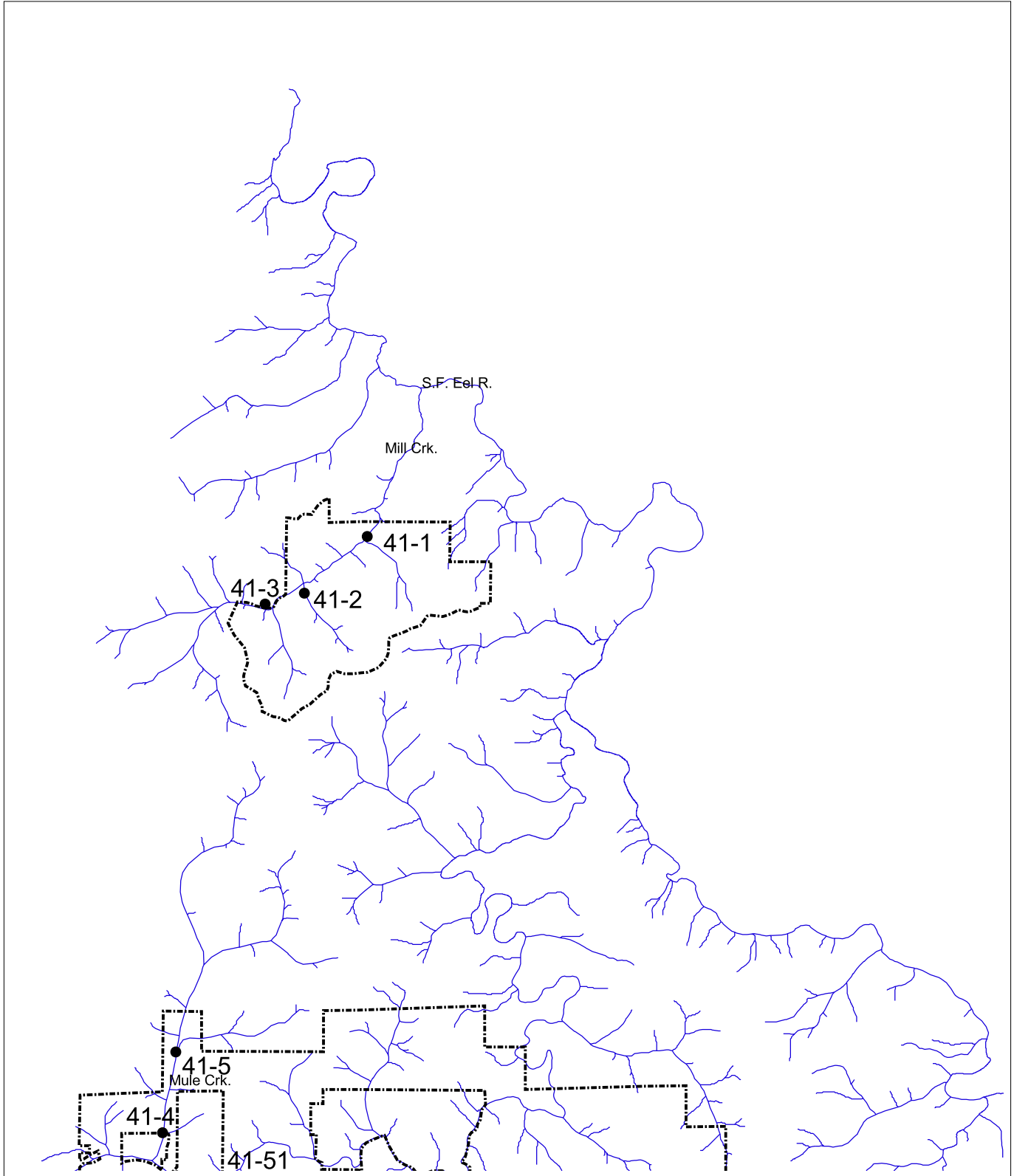
Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
HOWARD CREEK	47-33	8/9/1996	E	4			3	1		14	
HOWARD CREEK	47-33	6/26/2000	E	5	84	1.0:2.7:0.0	3	1	9.55	12.8	7.3
HOWARD CREEK	47-33	10/8/2001	E	2	108	1.0:4.2:1.1	3	1	8.9	12.4	7.1

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

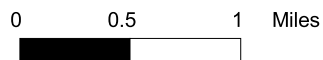
Map 1: Mill Creek



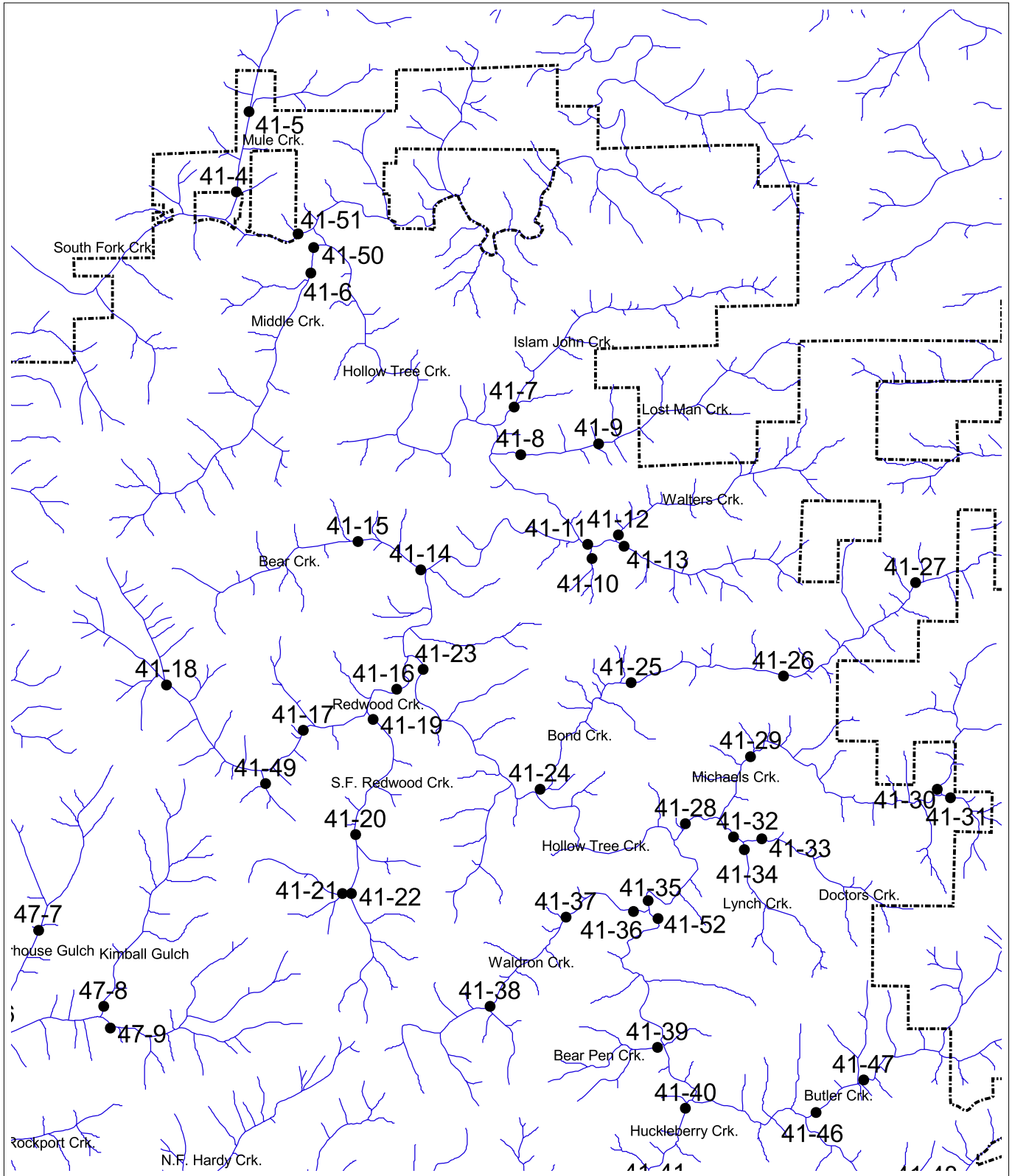
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Mendocino Redwood Company, LLC

● Site ID
--- MRC Ownership
--- Watercourse

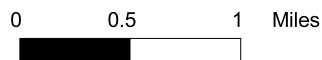


Map 2: Lower Hollow Tree Creek

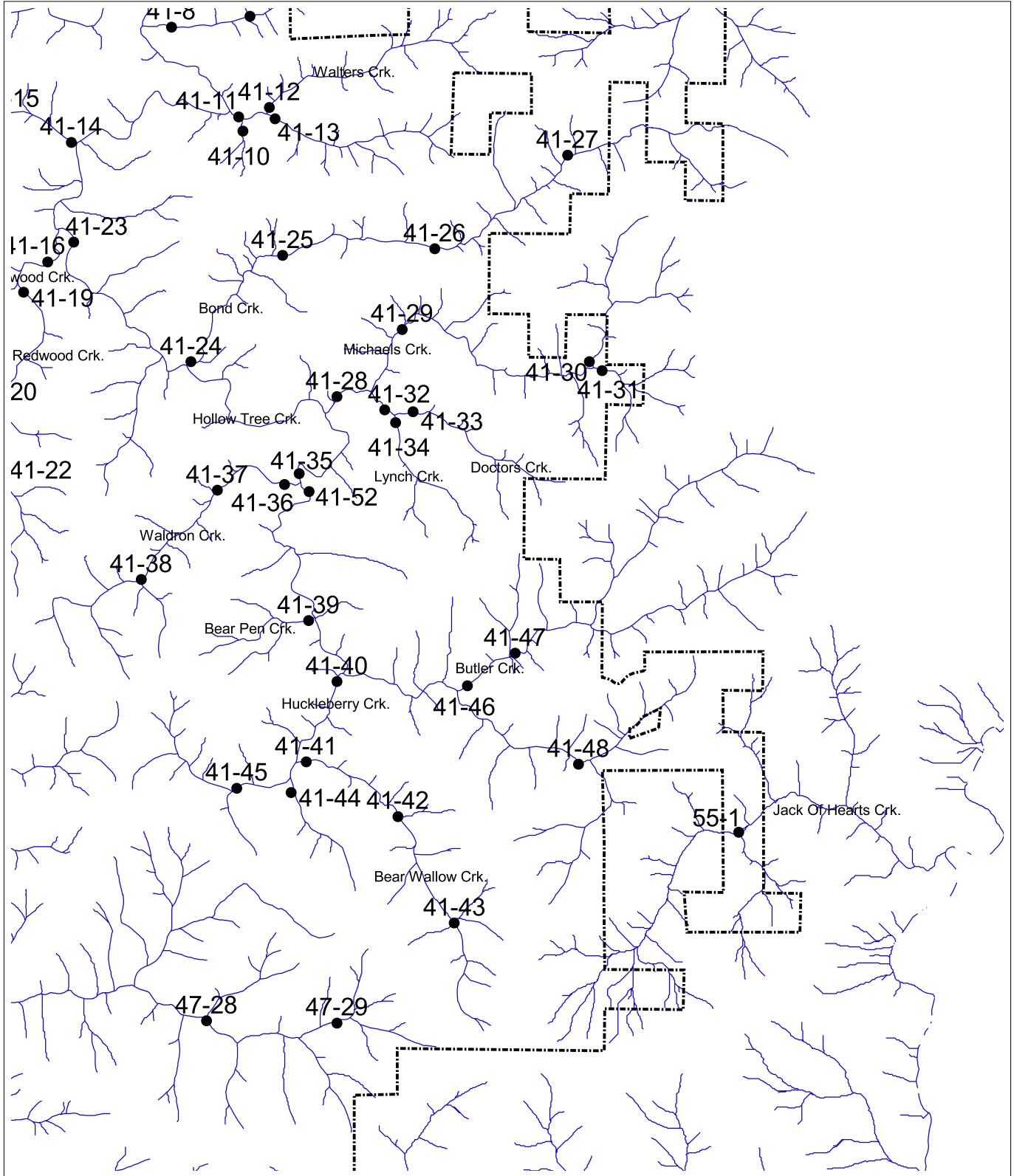


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Mendocino Redwood Company, LLC



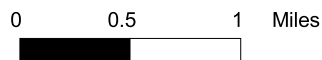
Map 3: Upper Hollow Tree Creek



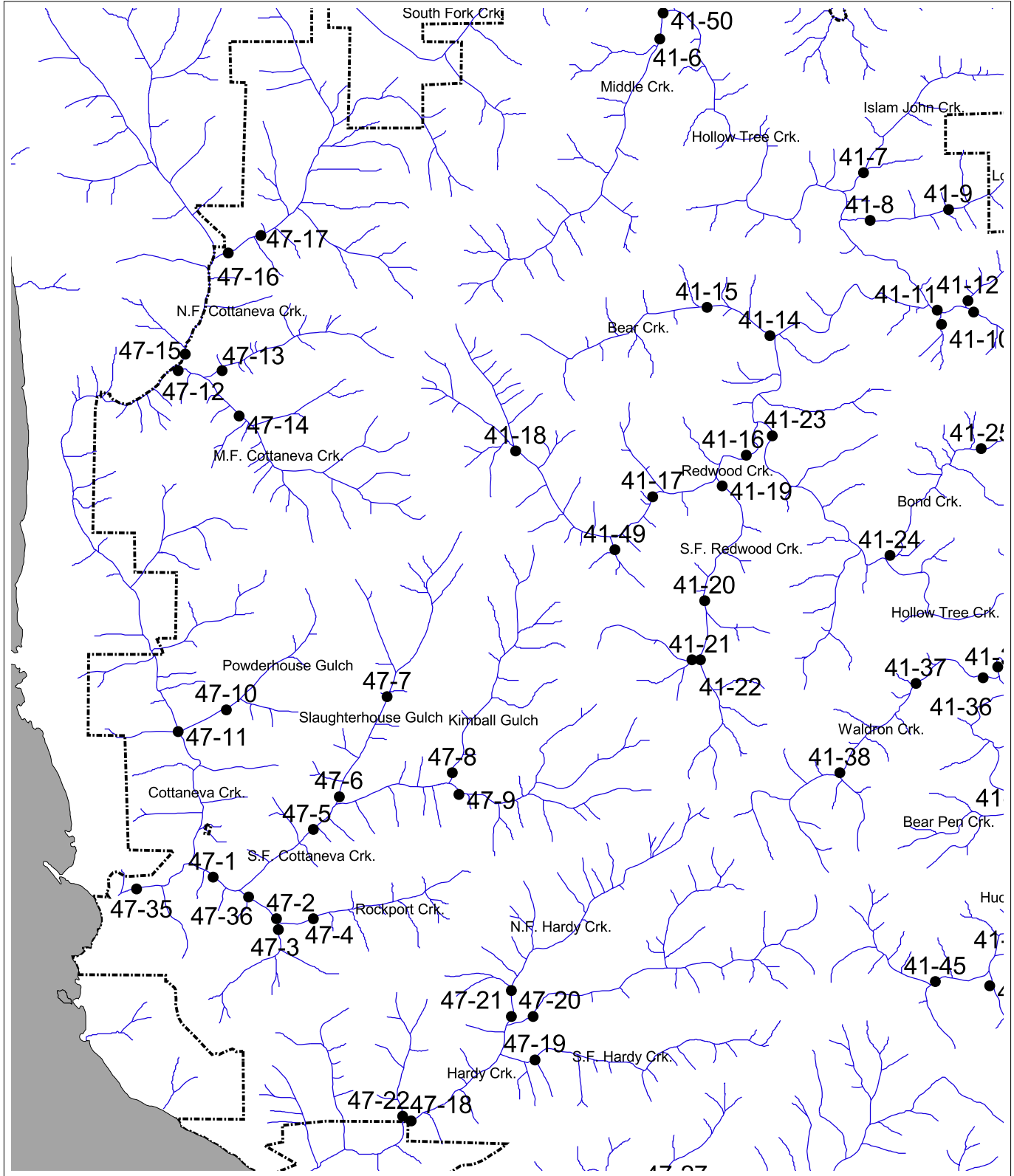
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Mendocino Redwood Company, LLC

● Site ID
--- MRC Ownership
--- Watercourse



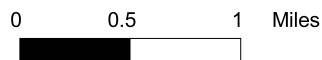
Map 4: Cottaneva Creek



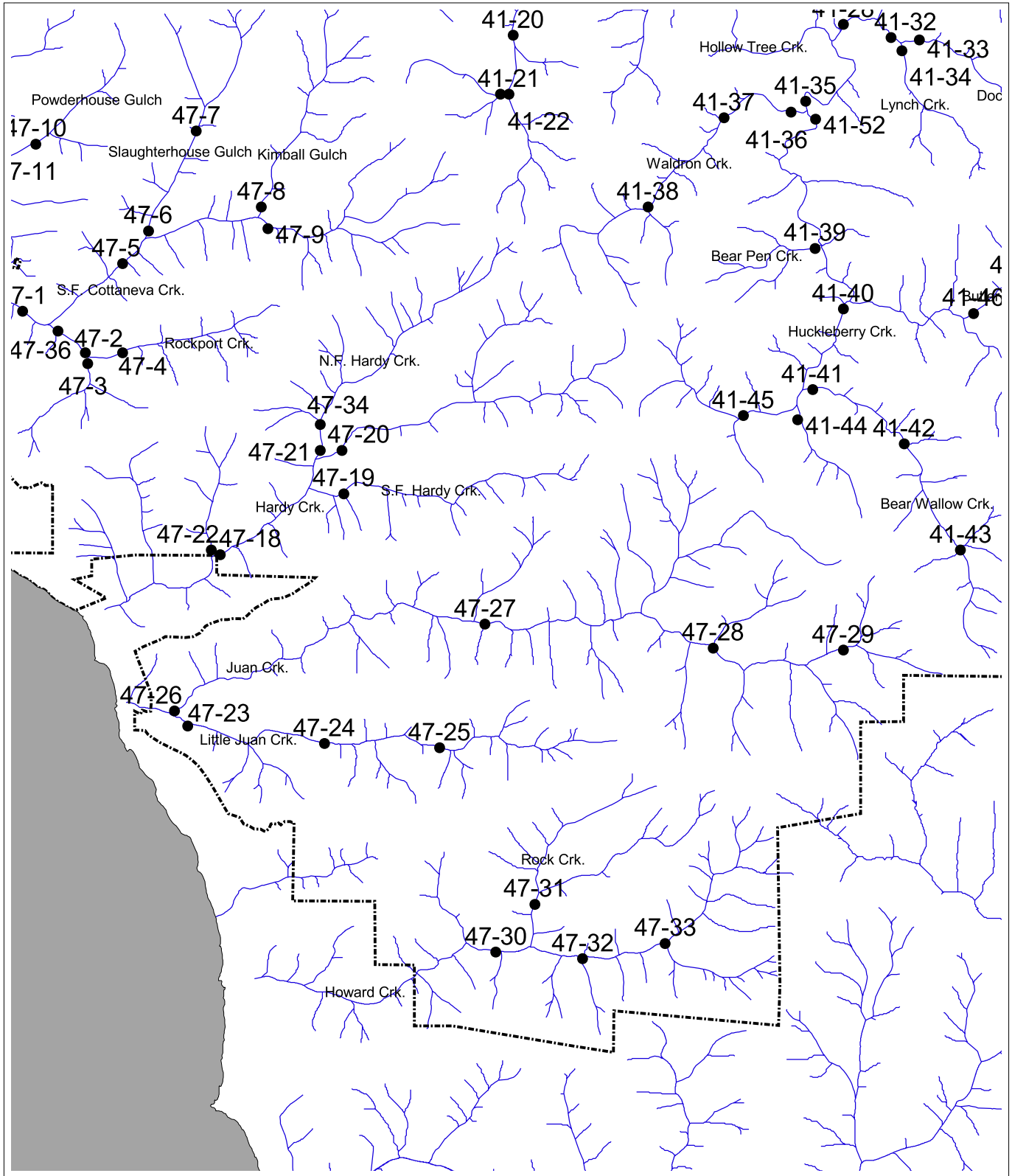
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Mendocino Redwood Company, LLC

-  Pacific Ocean
-  Site ID
-  MRC Ownership
-  Watercourse



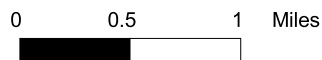
Map 5: Hardy Creek, Juan Creek, and Howard Creek



1:55000

Mendocino Redwood Company, LLC

-  Pacific Ocean
-  Site ID
-  MRC Ownership
-  Watercourse



Appendix 1: UTM coordinates and latitude / longitude of sites within the Rockport Inventory Block.

Basin	Site ID	Easting Coordinate	Northing Coordinate	Latitude	Longitude
S.F. Eel R.	41-01	435907	4413709	39.872894	-123.749443
	41-02	435286	4413152	39.867832	-123.756653
	41-03	434900	4413045	39.866837	-123.761154
	41-04	433892	4407836	39.819828	-123.772415
	41-05	434021	4408629	39.826984	-123.770988
	41-06	434643	4407236	39.814448	-123.76358
	41-07	436636	4405714	39.800919	-123.74015
	41-08	436700	4405243	39.79668	-123.739357
	41-09	437472	4405350	39.797703	-123.730347
	41-10	437403	4404217	39.787491	-123.731049
	41-11	437361	4404358	39.788757	-123.731552
	41-12	437665	4404450	39.789608	-123.728012
	41-13	437720	4404340	39.78862	-123.727356
	41-14	435714	4404107	39.786373	-123.750763
	41-15	435093	4404385	39.78883	-123.758041
	41-16	435479	4402928	39.775734	-123.753387
	41-17	434557	4402520	39.771988	-123.764114
	41-18	433206	4402971	39.775944	-123.77993
	41-19	435243	4402628	39.77301	-123.756119
	41-20	435071	4401492	39.762764	-123.758011
	41-21	435028	4400913	39.757545	-123.758453
	41-22	434943	4400913	39.757538	-123.759445
	41-23	435736	4403121	39.777493	-123.750404
	41-24	436893	4401942	39.766956	-123.736786
	41-25	437793	4402992	39.776482	-123.726379
	41-26	439294	4403056	39.777164	-123.708855
	41-27	440601	4403978	39.785564	-123.69368
	41-28	438329	4401599	39.763969	-123.719986
	41-29	438972	4402263	39.77	-123.712547
	41-30	440816	4401942	39.767235	-123.690987
	41-31	440944	4401856	39.766472	-123.689484
	41-32	438801	4401470	39.76284	-123.71447
	41-33	439080	4401449	39.762672	-123.711205
	41-34	438908	4401342	39.761696	-123.713203
	41-35	437943	4400784	39.756599	-123.724419
	41-36	437901	4400720	39.75602	-123.724899
	41-37	437150	4400677	39.755577	-123.733665
	41-38	436400	4399798	39.747601	-123.742332
	41-39	438051	4399391	39.744057	-123.723022
	41-40	438329	4398791	39.73867	-123.719727
	41-41	438029	4397998	39.731503	-123.723152
	41-42	438929	4397462	39.726742	-123.712601
	41-43	439487	4396412	39.717319	-123.705994
	41-44	437879	4397698	39.72879	-123.724876
	41-45	437343	4397741	39.729137	-123.731133
	41-46	439615	4398748	39.738377	-123.704712
	41-47	440087	4399070	39.74131	-123.699234

Appendix 1: UTM coordinates and latitude / longitude of sites within the Rockport Inventory Block.

Basin	Site ID	Easting Coordinate	Northing Coordinate	Latitude	Longitude
S.F. Eel R.	41-48	440709	4397976	39.731495	-123.691879
	41-49	434183	4401995	39.767227	-123.768425
	41-50	434645	4407474	39.816628	-123.76358
	41-51	434634	4407466	39.816551	-123.76371
	41-52	437984	4400708	39.755917	-123.72393
	55-01	442289	4397305	39.725559	-123.673386
Cottaneva Crk.	47-01	430227	4398769	39.737846	-123.81427
	47-02	430849	4398358	39.734196	-123.806969
	47-03	430870	4398255	39.733269	-123.806709
	47-04	431213	4398362	39.734261	-123.802719
	47-05	431213	4399241	39.74218	-123.802811
	47-06	431470	4399563	39.745102	-123.799843
	47-07	431942	4400549	39.754025	-123.794441
	47-08	432585	4399798	39.747307	-123.786858
	47-09	432649	4399584	39.745384	-123.786087
	47-10	430356	4400420	39.752731	-123.812935
	47-11	429884	4400206	39.750767	-123.81842
	47-12	429884	4403764	39.782822	-123.818802
	47-13	430313	4403764	39.782856	-123.813797
	47-14	430484	4403314	39.778816	-123.811752
	47-15	429863	4403807	39.783207	-123.819054
	47-16	430377	4404921	39.793285	-123.813171
	47-17	430699	4405093	39.794861	-123.809425
	47-35	429473	4398654	39.736752	-123.823051
47-36	430576	4398575	39.73613	-123.810173	
Hardy Crk.	47-18	432178	4396369	39.716381	-123.791252
	47-19	433399	4396969	39.721886	-123.777069
	47-20	433378	4397398	39.725746	-123.777359
	47-21	433164	4397398	39.725731	-123.779854
	47-22	432092	4396412	39.716763	-123.792259
	47-34	433164	4397652	39.72802	-123.779884
Juan Crk.	47-23	431856	4394675	39.701096	-123.794838
	47-24	433206	4394504	39.699661	-123.779076
	47-25	434342	4394461	39.69936	-123.765823
	47-26	431727	4394825	39.702435	-123.796356
	47-27	434793	4395683	39.710407	-123.760681
	47-28	437043	4395447	39.70845	-123.734413
	47-29	438329	4395426	39.708355	-123.719414
Howard Crk.	47-30	434900	4392446	39.681252	-123.759109
	47-31	435286	4392918	39.685532	-123.754662
	47-32	435757	4392382	39.680737	-123.749115
	47-33	436572	4392532	39.682152	-123.739624

Table A27. Summary of results for aquatic species surveys within the Noyo River watershed, Mendocino Co., California. Refer to Maps 6-8.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
TRIB TO NOYO RIVER #1	70-01	7/24/1996	PRESENT	PRESENT	PRESENT			PGS YLF
TRIB TO NOYO RIVER #1	70-01	7/20/2000	6	1				PGS
TRIB TO NOYO RIVER #1	70-01	8/16/2001	2			1		
TRIB TO NOYO RIVER #2	70-02	7/24/1996		PRESENT				PGS
TRIB TO NOYO RIVER #2	70-02	7/20/2000	2					SCP
TRIB TO NOYO RIVER #2	70-02	8/16/2001	2		1			PGS PR
TRIB TO NOYO RIVER #1	70-03	7/24/1996	PRESENT	PRESENT	PRESENT			PGS SCP
TRIB TO NOYO RIVER #1	70-03	7/20/2000	3	2	1			CNT PGS SCP
TRIB TO NOYO RIVER #1	70-03	8/16/2001	3	1				PGS
TRIB TO NOYO RIVER #3	70-04	7/24/1996	PRESENT	PRESENT	PRESENT			PGS
TRIB TO NOYO RIVER #3	70-04	7/20/2000	1					PGS SCP
TRIB TO NOYO RIVER #3	70-04	8/16/2001	1					PGS
TRIB TO NOYO RIVER #4	70-05	7/24/1996			PRESENT			PGS SCP YLF
TRIB TO NOYO RIVER #4	70-05	7/20/2000	1	2				
TRIB TO NOYO RIVER #4	70-05	8/16/2001	2					CNT PGS

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B27. Summary of site parameters within the Noyo River watershed, Mendocino Co., California. Refer to Maps 6-8.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
TRIB TO NOYO RIVER #1	70-01	7/24/1996	E	6			3	2		18	
TRIB TO NOYO RIVER #1	70-01	7/20/2000	E	3	105	1.0:2.4:0.0	3	2	9.8	14	7.3
TRIB TO NOYO RIVER #1	70-01	8/16/2001	E	2	124	1.0:3.3:0.0	3	1	9.6	14.2	7.1
TRIB TO NOYO RIVER #2	70-02	7/24/1996	E	3			3	1		13.5	
TRIB TO NOYO RIVER #2	70-02	7/20/2000	E	4	96	1.0:0.8:0.0	3	1	9.5	13	7
TRIB TO NOYO RIVER #2	70-02	8/16/2001	E	2	92	1.0:1.5:0.0	3	1	8	13.6	6.9
TRIB TO NOYO RIVER #1	70-03	7/24/1996	E	6			3	2		16	
TRIB TO NOYO RIVER #1	70-03	7/20/2000	E	2	92	1.0:2.4:0.0	3	2	9.3	15	7.2
TRIB TO NOYO RIVER #1	70-03	8/16/2001	E	1	108	1.0:3.0:0.0	3	1	8.4	14.1	7.2
TRIB TO NOYO RIVER #3	70-04	7/24/1996	E	5			3	1		14.5	
TRIB TO NOYO RIVER #3	70-04	7/20/2000	E	2	92	1.0:0.7:0.2	2	1	8.7	14	6.8
TRIB TO NOYO RIVER #3	70-04	8/16/2001	V		104	1.0:0.8:0.0	3	1	7.3	14.6	7
TRIB TO NOYO RIVER #4	70-05	7/24/1996	E	9			3	2		15	
TRIB TO NOYO RIVER #4	70-05	7/20/2000	E	2	90	1.0:0.6:0.0	2	1	8.8	15	6.8
TRIB TO NOYO RIVER #4	70-05	8/16/2001	V		120	1.0:1.7:0.0	3	1	7.93	14.6	7.2

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A28. Summary of results for aquatic species surveys within the Noyo River watershed, Mendocino Co., California. Refer to Maps 6-8.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
NF NOYO RIVER	70-06	7/27/1994	30	15	1	1		AMM PGS STB
NF NOYO RIVER	70-06	6/13/1995	PRESENT					STB YLF
NF NOYO RIVER	70-06	6/20/1996	PRESENT			PRESENT		STB
NF NOYO RIVER	70-06	7/11/2000	28					
NF NOYO RIVER	70-06	8/17/2001	15			4		STB
MARBLE CREEK	70-07	7/24/1996	PRESENT			PRESENT		PGS
MARBLE CREEK	70-07	7/11/2000	13					
MARBLE CREEK	70-07	8/17/2001	1	2		1		PGS
MARBLE CREEK	70-08	7/24/1996	PRESENT	PRESENT				PGS YLF
MARBLE CREEK	70-08	7/18/2000	2	1	1			PGS
MARBLE CREEK	70-08	8/17/2001		2				PGS
MARBLE CREEK	70-09	7/23/1996	PRESENT	PRESENT				PGS
MARBLE CREEK	70-09	7/18/2000	3	1				PGS
MARBLE CREEK	70-09	8/17/2001	1					PGS
GULCH NO.7	70-10	8/3/1994		9				PGS

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B28. Summary of site parameters within the Noyo River watershed, Mendocino Co., California. Refer to Maps 6-8.

Stream Name	SITE ID	DATE	METHOD e=electrofisch d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
NF NOYO RIVER	70-06	7/27/1994	E	10	120		2	2		17	
NF NOYO RIVER	70-06	6/13/1995	D				3	3		14.5	
NF NOYO RIVER	70-06	6/20/1996	D				3	3		14	
NF NOYO RIVER	70-06	7/11/2000	D		262	1.0:0.5:0.0	3	2	8.54	15.2	7.7
NF NOYO RIVER	70-06	8/17/2001	D		125	1.0:0.0:0.0	3	2	8.39	17.2	8
MARBLE CREEK	70-07	7/24/1996	E	7			3	2		13.5	
MARBLE CREEK	70-07	7/11/2000	D		99	1.0:0.6:0.1	3	1	8.95	13.9	7.6
MARBLE CREEK	70-07	8/17/2001	E	2	108	1.0:0.7:0.0	3	1	7.7	14.2	7.4
MARBLE CREEK	70-08	7/24/1996	E	8			3	2		13	
MARBLE CREEK	70-08	7/18/2000	E	2	96	1.0:0.6:0.0	3	1	10.1	11	7.3
MARBLE CREEK	70-08	8/17/2001	E	3	100	1.0:0.3:0.0	3	1	8	13.2	6.5
MARBLE CREEK	70-09	7/23/1996	E	5			3	1		15	
MARBLE CREEK	70-09	7/18/2000	E	3	111	1.0:0.6:0.0	3	1	9.5	13	7.1
MARBLE CREEK	70-09	8/17/2001	E	2	114	1.0:1.2:0.0	3	1	7.03	13.9	6.7
GULCH NO.7	70-10	8/3/1994	E	5	70		2	1		15.5	

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A29. Summary of results for aquatic species surveys within the Noyo River watershed, Mendocino Co., California. Refer to Maps 6-8.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
GULCH NO.7	70-10	7/14/1995		PRESENT				PGS
GULCH NO.7	70-10	7/19/1996		PRESENT				
GULCH NO.7	70-10	7/18/2000	4		1			PGS
GULCH NO.7	70-10	8/28/2001		3				PGS
GULCH NO.7	70-11	7/19/1996		PRESENT				PGS
GULCH NO.7	70-11	7/18/2000	5	2				PGS
GULCH NO.7	70-11	8/28/2001	3	1				PGS
HAYWORTH CREEK	70-12	7/27/1994	22	8			1	AMM PGS SCP
HAYWORTH CREEK	70-12	6/14/1995	PRESENT					
HAYWORTH CREEK	70-12	6/19/1996	PRESENT	PRESENT	PRESENT	PRESENT		STB
HAYWORTH CREEK	70-12	7/12/2000	16	1				
HAYWORTH CREEK	70-12	8/28/2001	5			1		PGS
TRIB TO HAYWORTH CREEK #1	70-13	7/19/1996	PRESENT	PRESENT				
TRIB TO HAYWORTH CREEK #1	70-13	7/18/2000	2	1	1			PGS YLF
TRIB TO HAYWORTH CREEK #1	70-13	8/28/2001	2	2				PGS

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B29. Summary of site parameters within the Noyo River watershed, Mendocino Co., California. Refer to Maps 6-8.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
GULCH NO.7	70-10	7/14/1995	E	4			3	1		14	
GULCH NO.7	70-10	7/19/1996	E	6			3	1		18	
GULCH NO.7	70-10	7/18/2000	E	4	97	1.0:0.9:0.0	3	1	9.1	14	6.9
GULCH NO.7	70-10	8/28/2001	E	3	93	1.0:0.3:0.0	3	1	6.2	14.2	6.9
GULCH NO.7	70-11	7/19/1996	E	5			3	1		15	
GULCH NO.7	70-11	7/18/2000	E	3	82	1.0:1.2:0.1	3	1	10	13	7.2
GULCH NO.7	70-11	8/28/2001	E	2	121	1.0:1.5:0.0	3	1	7.2	13.5	7.2
HAYWORTH CREEK	70-12	7/27/1994	E	6	60		2	1		18	
HAYWORTH CREEK	70-12	6/14/1995	D				3	3		13.5	
HAYWORTH CREEK	70-12	6/19/1996	D				3	3		14.5	
HAYWORTH CREEK	70-12	7/12/2000	D		130	1.0:0.7:0.0	3	2	9.56	16.9	8
HAYWORTH CREEK	70-12	8/28/2001	E	2	121	1.0:0.5:0.0	3	2	8.62	13.9	7.5
TRIB TO HAYWORTH CREEK #1	70-13	7/19/1996	E	4			3	1		14.5	
TRIB TO HAYWORTH CREEK #1	70-13	7/18/2000	E	2	109	1.0:4.9:4.0	3	1	11.2	13	7.4
TRIB TO HAYWORTH CREEK #1	70-13	8/28/2001	E	2	112	1.0:1.8:0.0	3	1	7.5	12.9	7.2

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A30. Summary of results for aquatic species surveys within the Noyo River watershed, Mendocino Co., California. Refer to Maps 6-8.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
HAYWORTH CREEK	70-14	6/19/1996	PRESENT	PRESENT		PRESENT		RSN SCP
HAYWORTH CREEK	70-14	7/17/2000	11	2	1			CNT PGS SCP
HAYWORTH CREEK	70-14	8/28/2001	7	2		1	1	CNT
NF HAYWORTH CREEK	70-15	8/3/1994	11	1				PGS SCP
NF HAYWORTH CREEK	70-15	6/14/1995	PRESENT	PRESENT	PRESENT			
NF HAYWORTH CREEK	70-15	6/19/1996	PRESENT	PRESENT		PRESENT		
NF HAYWORTH CREEK	70-15	7/17/2000	8	2				PGS SCP YLF
NF HAYWORTH CREEK	70-15	8/31/2001	7	1		1		
NF HAYWORTH CREEK	70-16	8/3/1994		4	2			PGS
NF HAYWORTH CREEK	70-16	6/14/1995	PRESENT	PRESENT	PRESENT			NEW
NF HAYWORTH CREEK	70-16	7/18/1996	PRESENT	PRESENT	PRESENT			PGS RSN YLF
NF HAYWORTH CREEK	70-16	7/17/2000	4	2				PGS
NF HAYWORTH CREEK	70-16	8/31/2001	2	2				PGS PR
NF HAYWORTH CREEK	70-17	7/27/1996	PRESENT	PRESENT	PRESENT			RSN YLF
NF HAYWORTH CREEK	70-17	7/17/2000	3	2	1			CNT PGS

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B30. Summary of site parameters within the Noyo River watershed, Mendocino Co., California. Refer to Maps 6-8.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
HAYWORTH CREEK	70-14	6/19/1996	D				3	3		15	
HAYWORTH CREEK	70-14	7/17/2000	E	6	145	1.0:0.3:0.4	3	2	10.7	13	7.8
HAYWORTH CREEK	70-14	8/28/2001	E	2	174	1.0:0.5:0.0	3	2	7.72	15.1	7.4
NF HAYWORTH CREEK	70-15	8/3/1994	E	5	70		2	1		18	
NF HAYWORTH CREEK	70-15	6/14/1995	D				3	3		13	
NF HAYWORTH CREEK	70-15	6/19/1996	D				3	2		14	
NF HAYWORTH CREEK	70-15	7/17/2000	E	6	97	1.0:2.6:0.0	3	1	9.7	13	7.8
NF HAYWORTH CREEK	70-15	8/31/2001	E	2	107	1.0:0.4:0.0	3	1	7.93	15.5	7.7
NF HAYWORTH CREEK	70-16	8/3/1994	E	5	80		2	1		25	
NF HAYWORTH CREEK	70-16	6/14/1995	D				3	3		13.5	
NF HAYWORTH CREEK	70-16	7/18/1996	E	10			3	3		15.5	
NF HAYWORTH CREEK	70-16	7/17/2000	E	3	119	1.0:0.6:0.6	3	2	10.5	13	7.9
NF HAYWORTH CREEK	70-16	8/31/2001	E	2	115	1.0:1.5:0.0	3	1	9.35	15.6	7.6
NF HAYWORTH CREEK	70-17	7/27/1996	E	7			3	2		16	
NF HAYWORTH CREEK	70-17	7/17/2000	E	2	100	1.0:0.9:0.0	3	2	9.9	11.3	6.9

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A31. Summary of results for aquatic species surveys within the Noyo River watershed, Mendocino Co., California. Refer to Maps 6-8.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
NF HAYWORTH CREEK	70-17	8/31/2001		2				PGS
HAYWORTH CREEK	70-18	8/3/1994	17	6	2			PGS
HAYWORTH CREEK	70-18	6/14/1995	PRESENT					NEW
HAYWORTH CREEK	70-18	6/19/1996	PRESENT	PRESENT	PRESENT			
HAYWORTH CREEK	70-18	7/17/2000	15	1				PGS
HAYWORTH CREEK	70-18	8/31/2001	7	3				
HAYWORTH CREEK	70-19	8/4/1994	9	4				PGS SCP
HAYWORTH CREEK	70-19	6/14/1995		PRESENT				NEW SCP
HAYWORTH CREEK	70-19	7/19/1996	PRESENT	PRESENT	PRESENT			PGS RSN SCP YLF
HAYWORTH CREEK	70-19	7/17/2000	4	1				SCP YLF
HAYWORTH CREEK	70-19	8/30/2001		1	1			PR YLF
TRIB TO HAYWORTH CREEK #2	70-20	7/19/1996	PRESENT	PRESENT	PRESENT			PGS RSN SCP YLF
TRIB TO HAYWORTH CREEK #2	70-20	7/17/2000		1				PGS SCP
TRIB TO HAYWORTH CREEK #2	70-20	8/30/2001	1	3				
HAYWORTH CREEK	70-21	7/19/1996	PRESENT	PRESENT	PRESENT			PGS SCP

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B31. Summary of site parameters within the Noyo River watershed, Mendocino Co., California. Refer to Maps 6-8.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
NF HAYWORTH CREEK	70-17	8/31/2001	E	2	108	1.0:1.2:0.0	3	1	8.6	14.5	6.7
HAYWORTH CREEK	70-18	8/3/1994	E	5	90		2	1		18	
HAYWORTH CREEK	70-18	6/14/1995	D				3	3		13	
HAYWORTH CREEK	70-18	6/19/1996	D				3	3		13	
HAYWORTH CREEK	70-18	7/17/2000	E	6	94	1.0:0.9:0.0	3	2	10.8	13	8.1
HAYWORTH CREEK	70-18	8/31/2001	E	3	107	1.0:0.8:0.0	3	1	8.13	16.2	7.6
HAYWORTH CREEK	70-19	8/4/1994	E	5	80		2	1		19	
HAYWORTH CREEK	70-19	6/14/1995	D				2	3		13	
HAYWORTH CREEK	70-19	7/19/1996	E	8			3			16.5	
HAYWORTH CREEK	70-19	7/17/2000	E	4	125	1.0:0.6:0.0	3	2	10.2	14	7.7
HAYWORTH CREEK	70-19	8/30/2001	E	3	114	1.0:1.2:0.0	3	1	6.87	16.3	7.4
TRIB TO HAYWORTH CREEK #2	70-20	7/19/1996	E	7			3	2		16.5	
TRIB TO HAYWORTH CREEK #2	70-20	7/17/2000	E	3	100	1.0:0.8:0.0	3	2	9.5	13	7.1
TRIB TO HAYWORTH CREEK #2	70-20	8/30/2001	E	2	82	1.0:2.2:0.0	3	1	7.3	14.2	7.2
HAYWORTH CREEK	70-21	7/19/1996	E	4			3	2		17	

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A32. Summary of results for aquatic species surveys within the Noyo River watershed, Mendocino Co., California. Refer to Maps 6-8.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
HAYWORTH CREEK	70-21	7/17/2000	22	4	2			SCP
HAYWORTH CREEK	70-21	8/30/2001	3	1				
SODA CREEK	70-22	8/4/1994		2	2			PGS
SODA CREEK	70-22	8/3/1995	PRESENT					NEW PGS SCP
SODA CREEK	70-22	7/19/1996	PRESENT	PRESENT				
SODA CREEK	70-22	7/17/2000	4					SCP
SODA CREEK	70-22	8/30/2001	8					PGS
SODA CREEK	70-23	7/19/1996						PGS
SODA CREEK	70-23	7/17/2000	2	1				PGS
SODA CREEK	70-23	8/30/2001						PGS
NF NOYO RIVER	70-24	6/14/1995	PRESENT					
NF NOYO RIVER	70-24	6/19/1996	PRESENT	PRESENT		PRESENT		CNT PGS
NF NOYO RIVER	70-24	7/12/2000	38	2		1		PGS
NF NOYO RIVER	70-24	8/28/2001	1	2		4		
MFNF NOYO RIVER	70-25	7/27/1994	11	1		4		AMM PGS

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B32. Summary of site parameters within the Noyo River watershed, Mendocino Co., California. Refer to Maps 6-8.

Stream Name	SITE ID	DATE	METHOD e=electrofishing d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
HAYWORTH CREEK	70-21	7/17/2000	E	5	127	1.0:1.1:0.0	3	2	10.1	13	7.6
HAYWORTH CREEK	70-21	8/30/2001	E	2	103	1.0:1.1:0.0	3	1	6.2	14.6	6.9
SODA CREEK	70-22	8/4/1994	E	5	60		2	1		14	
SODA CREEK	70-22	8/3/1995	E	2			2	1		15	
SODA CREEK	70-22	7/19/1996	E	6			3	2		14	
SODA CREEK	70-22	7/17/2000	E	3	87	1.0:0.9:0.0	3	1	9.8	11	7.3
SODA CREEK	70-22	8/30/2001	E	2	113	1.0:1.4:0.0	3	1	7.17	13.8	6.7
SODA CREEK	70-23	7/19/1996	E	5			3	1		15	
SODA CREEK	70-23	7/17/2000	E	4	111	1.0:1.8:0.0	3	1	10.3	11.4	7.5
SODA CREEK	70-23	8/30/2001	E	2	101	1.0:3.0:0.0	3	1	7	13.7	6.3
NF NOYO RIVER	70-24	6/14/1995	D				3	3		12.5	
NF NOYO RIVER	70-24	6/19/1996	D				3	3		14	
NF NOYO RIVER	70-24	7/12/2000	D		128	1.0:0.1:0.0	3	2	9.46	17	7.8
NF NOYO RIVER	70-24	8/28/2001	E	2	92	1.0:0.1:0.0	3	1	7.7	13.6	7.3
MFNF NOYO RIVER	70-25	7/27/1994	E	5	65		2	1		17	

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A33. Summary of results for aquatic species surveys within the Noyo River watershed, Mendocino Co., California. Refer to Maps 6-8.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
MFNF NOYO RIVER	70-25	7/14/1995	PRESENT	PRESENT	PRESENT			NEW YLF
MFNF NOYO RIVER	70-25	7/18/1996	PRESENT	PRESENT		PRESENT		PGS YLF
MFNF NOYO RIVER	70-25	7/11/2000	12	1				YLF
MFNF NOYO RIVER	70-25	8/23/2001	8	1				CNT PGS
MFNF NOYO RIVER	70-26	8/4/1994	23	13	1	1		AMM PGS SCP
MFNF NOYO RIVER	70-26	7/14/1995	PRESENT	PRESENT				PGS
MFNF NOYO RIVER	70-26	7/18/1996	PRESENT	PRESENT	PRESENT			PGS SCP YLF
MFNF NOYO RIVER	70-26	7/11/2000	17					CNT
MFNF NOYO RIVER	70-26	8/23/2001	4	1				
MFNF NOYO RIVER	70-27	8/25/1994	5	5				PGS SCP
MFNF NOYO RIVER	70-27	7/14/2000	9	1	1			PGS SCP
MFNF NOYO RIVER	70-28	7/27/1994	15	13		1		PGS
MFNF NOYO RIVER	70-28	8/3/1995	PRESENT	PRESENT	PRESENT			NEW PGS SCP
MFNF NOYO RIVER	70-28	7/23/1996	PRESENT	PRESENT	PRESENT			PGS SCP
MFNF NOYO RIVER	70-28	7/14/2000	7	1				PGS

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B33. Summary of site parameters within the Noyo River watershed, Mendocino Co., California. Refer to Maps 6-8.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
MFNF NOYO RIVER	70-25	7/14/1995	E	7			3	2		14	
MFNF NOYO RIVER	70-25	7/18/1996	E	11			3	3		15.5	
MFNF NOYO RIVER	70-25	7/11/2000	D		93	1.0:0.8:0.0	3	1	9.83	15.9	7.9
MFNF NOYO RIVER	70-25	8/23/2001	E	2	104	1.0:0.8:0.0	3	1	8.69	14.9	7.0
MFNF NOYO RIVER	70-26	8/4/1994	E	6	90		2	1		17	
MFNF NOYO RIVER	70-26	7/14/1995	E	4			3	2		14.5	
MFNF NOYO RIVER	70-26	7/18/1996	E	10			3	2		15	
MFNF NOYO RIVER	70-26	7/11/2000	D		97	1.0:1.1:0.0	3	1	9.41	15.2	7.7
MFNF NOYO RIVER	70-26	8/23/2001	E	2	119	1.0:1.0:0.0	3	1	7.51	15.3	7
MFNF NOYO RIVER	70-27	8/25/1994	E	5	70		2	1		17	
MFNF NOYO RIVER	70-27	7/14/2000	E	5	95	1.0:2.5:0.0	3	2	10.3	13.2	7.5
MFNF NOYO RIVER	70-28	7/27/1994	E	5	150		2	1		17	
MFNF NOYO RIVER	70-28	8/3/1995	E	4			3	1		16	
MFNF NOYO RIVER	70-28	7/23/1996	E	5			3	2		17	
MFNF NOYO RIVER	70-28	7/14/2000	E	4	93	1.0:0.6:1.4	3	2	9.85	13.6	7.1

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A34. Summary of results for aquatic species surveys within the Noyo River watershed, Mendocino Co., California. Refer to Maps 6-8.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
MFNF NOYO RIVER	70-28	8/22/2001		2				PGS PR
NF NOYO RIVER	70-29	7/27/1994	4	5				PGS
NF NOYO RIVER	70-29	7/14/1995	PRESENT	PRESENT				PGS RSN
NF NOYO RIVER	70-29	7/18/1996	PRESENT	PRESENT	PRESENT	PRESENT		PGS YLF
NF NOYO RIVER	70-29	7/11/2000	19	6	1			
NF NOYO RIVER	70-29	8/23/2001	6	3				PGS
NF NOYO RIVER	70-30	7/27/1994	19	4				PGS
NF NOYO RIVER	70-30	7/14/1995	PRESENT	PRESENT	PRESENT			NEW PGS
NF NOYO RIVER	70-30	7/18/1996	PRESENT	PRESENT	PRESENT			PGS
NF NOYO RIVER	70-30	7/11/2000	17	2				PGS
DEWARREN CREEK	70-31	8/4/1994	5	3				
DEWARREN CREEK	70-31	7/14/1995	PRESENT	PRESENT				PGS
DEWARREN CREEK	70-31	7/18/1996	PRESENT	PRESENT	PRESENT			PGS
DEWARREN CREEK	70-31	7/14/2000	10	1				PGS
TRIB TO DEWARREN CREEK #1	70-32	8/4/1994		2				

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B34. Summary of site parameters within the Noyo River watershed, Mendocino Co., California. Refer to Maps 6-8.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
MFNF NOYO RIVER	70-28	8/22/2001	E	2	97	1.0:1.2:0.0	3	1	7.58	15.4	6.7
NF NOYO RIVER	70-29	7/27/1994	E	5	50		2	1		17	
NF NOYO RIVER	70-29	7/14/1995	E	4			3	2		14	
NF NOYO RIVER	70-29	7/18/1996	E	10			3	2		15.5	
NF NOYO RIVER	70-29	7/11/2000	D		147	1.0:0.4:0.4	3	1	9.86	16	7.9
NF NOYO RIVER	70-29	8/23/2001	E	2	158	1.0:0.5:0.0	3	2	7.11	14.8	7
NF NOYO RIVER	70-30	7/27/1994	E	5	70		2	1		16	
NF NOYO RIVER	70-30	7/14/1995	E	4			3	2		14	
NF NOYO RIVER	70-30	7/18/1996	E	9			3	2		15	
NF NOYO RIVER	70-30	7/11/2000	D		159	1.0:2.1:1.1	3	1	8.89	15.8	7.3
DEWARREN CREEK	70-31	8/4/1994	E	5	40		2	1		15	
DEWARREN CREEK	70-31	7/14/1995	E	3			3	2		14.5	
DEWARREN CREEK	70-31	7/18/1996	E	8			3	2		14.5	
DEWARREN CREEK	70-31	7/14/2000	E	3	101	1.0:1.0:0.2	3	2	10.43	14.5	7.4
TRIB TO DEWARREN CREEK #1	70-32	8/4/1994	E	1	40		2	1		14	

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A35. Summary of results for aquatic species surveys within the Noyo River watershed, Mendocino Co., California. Refer to Maps 6-8.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
TRIB TO DEWARREN CREEK #1	70-32	7/14/1995	PRESENT					PGS
TRIB TO DEWARREN CREEK #1	70-32	7/18/1996	PRESENT	PRESENT				PGS
TRIB TO DEWARREN CREEK #1	70-32	7/14/2000	1	1				
TRIB TO DEWARREN CREEK #1	70-32	8/23/2001	2	1				
DEWARREN CREEK	70-33	8/3/1994		4	1			
DEWARREN CREEK	70-33	7/14/1995	PRESENT	PRESENT	PRESENT			PGS
DEWARREN CREEK	70-33	7/18/1996		PRESENT				PGS
DEWARREN CREEK	70-33	7/14/2000	5	1				PGS
DEWARREN CREEK	70-33	8/23/2001	2	2				
NOYO RIVER	70-34	7/27/1994	21	7	4	6		AMM PGS
NOYO RIVER	70-34	6/13/1995	PRESENT					STB
NOYO RIVER	70-34	6/20/1996	PRESENT	PRESENT		PRESENT		STB YLF
NOYO RIVER	70-34	7/11/2000	8					STB YLF
NOYO RIVER	70-34	8/17/2001	11			6		STB
TRIB TO NOYO RIVER #5	70-35	7/25/1996	PRESENT	PRESENT		PRESENT		PGS

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B35. Summary of site parameters within the Noyo River watershed, Mendocino Co., California. Refer to Maps 6-8.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
TRIB TO DEWARREN CREEK #1	70-32	7/14/1995	E	2			3	1		13.5	
TRIB TO DEWARREN CREEK #1	70-32	7/18/1996	E	2			2	1		14	
TRIB TO DEWARREN CREEK #1	70-32	7/14/2000	E	2	92	1.0:0.5:0.0	3	1	9.29	13.8	7.4
TRIB TO DEWARREN CREEK #1	70-32	8/23/2001	E	2	100	1.0:1.3:0.0	3	1	6.86	13.6	6.7
DEWARREN CREEK	70-33	8/3/1994	E	4	80		2	1		14.5	
DEWARREN CREEK	70-33	7/14/1995	E	2			3	2		14	
DEWARREN CREEK	70-33	7/18/1996	E	6			2	1		14.5	
DEWARREN CREEK	70-33	7/14/2000	E	2	81	1.0:1.2:0.0	3	1		12.7	7.4
DEWARREN CREEK	70-33	8/23/2001	E	2	94	1.0:1.1:0.0	3	1	8.85	13.7	6.6
NOYO RIVER	70-34	7/27/1994	E	10	100		2	1		17	
NOYO RIVER	70-34	6/13/1995	D				3	3		14.5	
NOYO RIVER	70-34	6/20/1996	D				3	3		13.5	
NOYO RIVER	70-34	7/11/2000	D		198	1.0:0.7:0.0	3	2	7.08	15.6	7.4
NOYO RIVER	70-34	8/17/2001	D		76	1.0:0.0:0.0	3	2	7.32	16.9	7.7
TRIB TO NOYO RIVER #5	70-35	7/25/1996	E	10			3	2		16	

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A36. Summary of results for aquatic species surveys within the Noyo River watershed, Mendocino Co., California. Refer to Maps 6-8.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
TRIB TO NOYO RIVER #5	70-35	7/21/2000	13	4				PGS
TRIB TO NOYO RIVER #5	70-35	8/21/2001	4	2		1	1	PGS
TRIB TO NOYO RIVER #6	70-36	7/25/1996	PRESENT	PRESENT	PRESENT	PRESENT		PGS SCP
TRIB TO NOYO RIVER #6	70-36	7/21/2000	3					PGS SCP
TRIB TO NOYO RIVER #6	70-36	8/21/2001						
TRIB TO NOYO RIVER #7	70-37	7/25/1996	PRESENT	PRESENT	PRESENT	PRESENT		PGS
TRIB TO NOYO RIVER #7	70-37	7/21/2000		4				SCP
TRIB TO NOYO RIVER #7	70-37	8/21/2001	4		1			PGS PR
OLDS CREEK	70-38	7/24/1996	PRESENT	PRESENT				PGS
OLDS CREEK	70-38	7/19/2000	5					PGS
OLDS CREEK	70-38	8/15/2001	11	1		1		PGS
TRIB TO OLDS CREEK #1	70-39	7/25/1996	PRESENT	PRESENT	PRESENT			
TRIB TO OLDS CREEK #1	70-39	7/19/2000						PGS
TRIB TO OLDS CREEK #1	70-39	8/15/2001						PGS
TRIB TO OLDS CREEK #2	70-40	7/25/1996						PGS

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B36. Summary of site parameters within the Noyo River watershed, Mendocino Co., California. Refer to Maps 6-8.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
TRIB TO NOYO RIVER #5	70-35	7/21/2000	E	3	117	1.0:0.7:0.0	3	2	9.4	13	7.4
TRIB TO NOYO RIVER #5	70-35	8/21/2001	E	3	103	1.0:0.5:0.0	3	1	7.59	13.2	6.7
TRIB TO NOYO RIVER #6	70-36	7/25/1996	E	3			3	2		15.5	
TRIB TO NOYO RIVER #6	70-36	7/21/2000	E	3	92	1.0:2.0:0.0	3	1	10.1	13	7.5
TRIB TO NOYO RIVER #6	70-36	8/21/2001	E	3	111	1.0:1.6:0.0	3	1	8.5	12.6	7.2
TRIB TO NOYO RIVER #7	70-37	7/25/1996	E	5			3	2		16	
TRIB TO NOYO RIVER #7	70-37	7/21/2000	E	2	96	1.0:0.4:0.6	3	2	9.3	13	7.3
TRIB TO NOYO RIVER #7	70-37	8/21/2001	E	2	101	1.0:0.9:0.0	3	1	8.55	12.8	7
OLDS CREEK	70-38	7/24/1996	E	7			3	2		17.5	
OLDS CREEK	70-38	7/19/2000	E	4	208	1.0:0.7:0.6	3	2	9.5	14	7.5
OLDS CREEK	70-38	8/15/2001	E	2	142	1.0:0.7:0.0	3	1	7.9	14.9	7.2
TRIB TO OLDS CREEK #1	70-39	7/25/1996	E	3			3	1		15.5	
TRIB TO OLDS CREEK #1	70-39	7/19/2000	E	2	111	1.0:0.4:0.0	3	1	9.1	13	7.2
TRIB TO OLDS CREEK #1	70-39	8/15/2001	E	2	113	1.0:2.0:0.0	3	1	7.4	15.3	7.3
TRIB TO OLDS CREEK #2	70-40	7/25/1996	E	2			3	0		15.5	

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A37. Summary of results for aquatic species surveys within the Noyo River watershed, Mendocino Co., California. Refer to Maps 6-8.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
TRIB TO OLDS CREEK #2	70-40	7/19/2000	5					PGS
OLDS CREEK	70-41	7/25/1996	PRESENT	PRESENT	PRESENT			PGS YLF
OLDS CREEK	70-41	7/19/2000	7					PGS
OLDS CREEK	70-41	8/21/2001	10	3				PGS YLF
REDWOOD CREEK	70-42	7/28/1994	29	7		3		
REDWOOD CREEK	70-42	7/14/1995	PRESENT	PRESENT	PRESENT	PRESENT		STB YLF
REDWOOD CREEK	70-42	6/5/1996	PRESENT	PRESENT	PRESENT	PRESENT	PRESENT	STB YLF
REDWOOD CREEK	70-42	7/19/2000	28	1				
REDWOOD CREEK	70-42	8/15/2001	3	1	3	5		
REDWOOD CREEK	70-43	7/28/1994	5	5				PGS STB
REDWOOD CREEK	70-43	7/14/1995	PRESENT	PRESENT				PGS YLF
REDWOOD CREEK	70-43	7/22/1996	PRESENT	PRESENT	PRESENT	PRESENT		AMM PGS YLF
REDWOOD CREEK	70-43	7/12/2000	13					PGS STB
REDWOOD CREEK	70-43	8/15/2001	3					PGS STB
REDWOOD CREEK	70-44	7/28/1994		4				AMM PGS STB

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B37. Summary of site parameters within the Noyo River watershed, Mendocino Co., California. Refer to Maps 6-8.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
TRIB TO OLDS CREEK #2	70-40	7/19/2000	E	1	90	1.0:5.9:0.0	3	1	8.9	12	7.1
OLDS CREEK	70-41	7/25/1996	D				3	2		19	
OLDS CREEK	70-41	7/19/2000	E	6	132	1.0:1.0:0.8	3	2	10.1	17.7	7.5
OLDS CREEK	70-41	8/21/2001	E	4	138	1.0:0.8:0.0	3	1	6.8	12.7	6.5
REDWOOD CREEK	70-42	7/28/1994	E	5	55		2	1		15	
REDWOOD CREEK	70-42	7/14/1995	D				3	2		17	
REDWOOD CREEK	70-42	6/5/1996	D				2	2			
REDWOOD CREEK	70-42	7/19/2000	D		104	1.0:1.6:0.7	3	1	9.37	15.1	7.5
REDWOOD CREEK	70-42	8/15/2001	E	2	114	1.0:1.5:3.2	3	1	5.15	14.7	6.3
REDWOOD CREEK	70-43	7/28/1994	E	5	60		2	1			
REDWOOD CREEK	70-43	7/14/1995	E	8			3	2		16.5	
REDWOOD CREEK	70-43	7/22/1996	E	8			3	2		22	
REDWOOD CREEK	70-43	7/12/2000	D		107	1.0:1.0:0.4	3	1	9.28	17.1	7.7
REDWOOD CREEK	70-43	8/15/2001	E	3	129	1.0:1.2:1.3	3	1	7.5	16.2	7.0
REDWOOD CREEK	70-44	7/28/1994	E	5	60		2	1		15	

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A38. Summary of results for aquatic species surveys within the Noyo River watershed, Mendocino Co., California. Refer to Maps 6-8.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
REDWOOD CREEK	70-44	7/14/1995	PRESENT					AMM LAM PGS YLF
REDWOOD CREEK	70-44	7/22/1996	PRESENT	PRESENT	PRESENT	PRESENT		LAM RSN YLF
REDWOOD CREEK	70-44	7/12/2000	20	1				STB
REDWOOD CREEK	70-44	8/15/2001	4	2				PGS STB YLF
MCMULLEN CREEK	70-45	7/28/1994	23	3	2			PGS
MCMULLEN CREEK	70-45	7/12/2000	41					PGS RSN STB
MCMULLEN CREEK	70-45	8/21/2001	9					PGS
TRIB TO MCMULLEN CREEK #1	70-46	7/14/1995	PRESENT					PGS RSN YLF
TRIB TO MCMULLEN CREEK #1	70-46	7/22/1996	PRESENT	PRESENT				PGS
TRIB TO MCMULLEN CREEK #1	70-46	7/19/2000	13	1				PGS
TRIB TO MCMULLEN CREEK #1	70-46	8/29/2001	1					PGS
MCMULLEN CREEK	70-47	7/14/1995						PGS RSN
MCMULLEN CREEK	70-47	7/22/1996						PGS YLF
MCMULLEN CREEK	70-47	7/19/2000		5				PGS
MCMULLEN CREEK	70-47	8/29/2001		1				PGS PR

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B38. Summary of site parameters within the Noyo River watershed, Mendocino Co., California. Refer to Maps 6-8.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
REDWOOD CREEK	70-44	7/14/1995	E	8			3	2		15.5	
REDWOOD CREEK	70-44	7/22/1996	E	13			3	2		18.5	
REDWOOD CREEK	70-44	7/12/2000	D		100	1.0:0.4:0.0	3	1	9.1	15.3	7.5
REDWOOD CREEK	70-44	8/15/2001	E	2	118	1.0:0.3:0.0	3	1	7.46	14.7	6.8
MCMULLEN CREEK	70-45	7/28/1994	E	5	80		2	1		18	
MCMULLEN CREEK	70-45	7/12/2000	D		133	1.0:0.8:0.5	3	1	8.7	14.5	7.7
MCMULLEN CREEK	70-45	8/21/2001	E	2	100	1.0:1.7:0.0	3	1	5.16	13.4	6.6
TRIB TO MCMULLEN CREEK #1	70-46	7/14/1995	E	6			2	1		13.5	
TRIB TO MCMULLEN CREEK #1	70-46	7/22/1996	E	4			3	1		16.5	
TRIB TO MCMULLEN CREEK #1	70-46	7/19/2000	E	3	114	1.0:2.0:0.0	3	1	9.5	12	7.2
TRIB TO MCMULLEN CREEK #1	70-46	8/29/2001	E	2	104	1.0:1.4:0.0	3	1	6.62	13.1	7.0
MCMULLEN CREEK	70-47	7/14/1995	E	3			2	1		13.5	
MCMULLEN CREEK	70-47	7/22/1996	E	3			3	1		15	
MCMULLEN CREEK	70-47	7/19/2000	E	2	90	1.0:0.7:0.0	3	1	8.8	12	7
MCMULLEN CREEK	70-47	8/29/2001	E	2	93	1.0:1.7:0.0	3	1	7	13.2	6.7

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A39. Summary of results for aquatic species surveys within the Noyo River watershed, Mendocino Co., California. Refer to Maps 6-8.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
NOYO RIVER	70-48	7/28/1994	8	3			4	AMM PGS STB
NOYO RIVER	70-48	6/13/1995	PRESENT	PRESENT	PRESENT			NEW STB YLF
NOYO RIVER	70-48	7/12/2000	17	12				RSN
NOYO RIVER	70-48	8/21/2001	17	1	1			AMM PGS STB
BURBECK CREEK	70-49	8/25/1994	5	5	2			PGS SCP
BURBECK CREEK	70-49	7/14/1995	PRESENT	PRESENT				PGS SCP
BURBECK CREEK	70-49	6/5/1996	PRESENT	PRESENT				SCP
BURBECK CREEK	70-49	7/18/2000	15	1				PGS SCP
BURBECK CREEK	70-49	8/29/2001	2	2				PGS PR
BURBECK CREEK	70-50	7/23/1996		PRESENT				SCP
BURBECK CREEK	70-50	7/18/2000	6	4				PGS SCP YLF
BURBECK CREEK	70-50	8/29/2001	1	1				PGS PR
NOYO RIVER	70-51	8/25/1994	1	2	3			AMM PGS SCP
NOYO RIVER	70-51	6/13/1995	PRESENT		PRESENT	PRESENT		NEW STB
NOYO RIVER	70-51	6/5/1996	PRESENT	PRESENT				RSN

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B39. Summary of site parameters within the Noyo River watershed, Mendocino Co., California. Refer to Maps 6-8.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
NOYO RIVER	70-48	7/28/1994	E	5	45		2	1		17	
NOYO RIVER	70-48	6/13/1995	D				3	3		14	
NOYO RIVER	70-48	7/12/2000	D		127	1.0:0.3:0.1	3	1	8.18	15.2	7.5
NOYO RIVER	70-48	8/21/2001	E	2	117	1.0:1.3:0.0	3	1	8.21	15.3	7.4
BURBECK CREEK	70-49	8/25/1994	E	5	35		2	1		15	
BURBECK CREEK	70-49	7/14/1995	E	5			3	2		13.5	
BURBECK CREEK	70-49	6/5/1996	D				3	2		13.5	
BURBECK CREEK	70-49	7/18/2000	E	4	144	1.0:2.7:0.0	3	2	10.1	15	7.4
BURBECK CREEK	70-49	8/29/2001	E	2	98	1.0:0.8:0.0	3	1	6.45	15.2	7.4
BURBECK CREEK	70-50	7/23/1996	D				3	2		15.5	
BURBECK CREEK	70-50	7/18/2000	E	6	117	1.0:1.3:0.0	3	2	9.5	15	7.5
BURBECK CREEK	70-50	8/29/2001	E	2	94	1.0:0.8:0.0	3	1	7.63	14	7.2
NOYO RIVER	70-51	8/25/1994	E	5	50		2	1			
NOYO RIVER	70-51	6/13/1995	D				3	3		13.5	
NOYO RIVER	70-51	6/5/1996	D				2	2			

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A40. Summary of results for aquatic species surveys within the Noyo River watershed, Mendocino Co., California. Refer to Maps 6-8.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
NOYO RIVER	70-51	7/18/2000	10					PGS SCP
NOYO RIVER	70-51	8/29/2001	2	1	1			PGS PR
NOYO RIVER	70-52	7/23/1996	PRESENT	PRESENT	PRESENT			RSN SCP YLF
NOYO RIVER	70-52	7/18/2000	4	1	1			PGS SCP
NOYO RIVER	70-52	8/29/2001		1	1			CNT PGS PR
NOYO RIVER	71-01	8/16/1995	PRESENT	PRESENT		PRESENT		STB
NOYO RIVER	71-01	6/17/1996	PRESENT	PRESENT	PRESENT	PRESENT	PRESENT	CRY RSN SCP STB YLF
NOYO RIVER	71-01	7/13/2000	20	15		15		SCP STB
NOYO RIVER	71-01	8/3/2001	40	10	3	45		PR STB
TRIB TO NOYO RIVER #8	71-02	8/16/1995		PRESENT	PRESENT	PRESENT		RLF STB
TRIB TO NOYO RIVER #8	71-02	7/25/1996		PRESENT	PRESENT	PRESENT		
TRIB TO NOYO RIVER #8	71-02	7/13/2000						PGS
TRIB TO NOYO RIVER #8	71-02	8/3/2001		1				SCP
NOYO RIVER	71-03	8/16/1995	PRESENT	PRESENT	PRESENT			STB
NOYO RIVER	71-03	6/17/1996	PRESENT	PRESENT		PRESENT	PRESENT	NWP RSN STB YLF

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B40. Summary of site parameters within the Noyo River watershed, Mendocino Co., California. Refer to Maps 6-8.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
NOYO RIVER	70-51	7/18/2000	E	7	193	1.0:1.3:0.0	3	3	9.2	17	7.8
NOYO RIVER	70-51	8/29/2001	E	2	118	1.0:1.2:0.0	3	2	8.1	15.5	7.5
NOYO RIVER	70-52	7/23/1996	D				3	2		18	
NOYO RIVER	70-52	7/18/2000	E	4	111	1.0:0.9:0.0	3	3	7.7	17	7.5
NOYO RIVER	70-52	8/29/2001	E	2	118	1.0:1.0:0.0	3	2	7.15	14.8	6.8
NOYO RIVER	71-01	8/16/1995	D				3	2		16.5	
NOYO RIVER	71-01	6/17/1996	D				3	3		17	
NOYO RIVER	71-01	7/13/2000	D		285	1.0:0.1:0.1	3	3	8.8	16.3	7.3
NOYO RIVER	71-01	8/3/2001	D		92	1.0:0.0:0.0	3	2	8.2	17.8	7
TRIB TO NOYO RIVER #8	71-02	8/16/1995	E	4			1	0		12.5	
TRIB TO NOYO RIVER #8	71-02	7/25/1996	E	5			1	0		13.5	
TRIB TO NOYO RIVER #8	71-02	7/13/2000	D		49	1.0:0.0:0.0	1	1	5.9	12.7	5.9
TRIB TO NOYO RIVER #8	71-02	8/3/2001	E	2	63	1.0:0.0:0.0	3	0	3.2	12.3	6.3
NOYO RIVER	71-03	8/16/1995	D				3	2		15.5	
NOYO RIVER	71-03	6/17/1996	D				3	3		15	

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A41. Summary of results for aquatic species surveys within the Noyo River watershed, Mendocino Co., California. Refer to Maps 6-8.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
NOYO RIVER	71-03	7/13/2000	60	1		23		CNT STB

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B41. Summary of site parameters within the Noyo River watershed, Mendocino Co., California. Refer to Maps 6-8.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
NOYO RIVER	71-03	7/13/2000	D		246	1.0:0.2:0.4	2	3	8.5	16.3	7.2

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A42. Summary of results for aquatic species surveys within the Doyle Creek watershed, Mendocino Co., California. Refer to Map 9.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
DOYLE CREEK	72-01	8/7/1995	PRESENT	PRESENT				PGS
DOYLE CREEK	72-01	7/16/1996	PRESENT	PRESENT	PRESENT			PGS RLF
DOYLE CREEK	72-01	9/18/2000	2	2	1			PGS
DOYLE CREEK	72-01	8/3/2001	1					PGS

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B42. Summary of site parameters within the Doyle Creek watershed, Mendocino Co., California. Refer to Map 9.

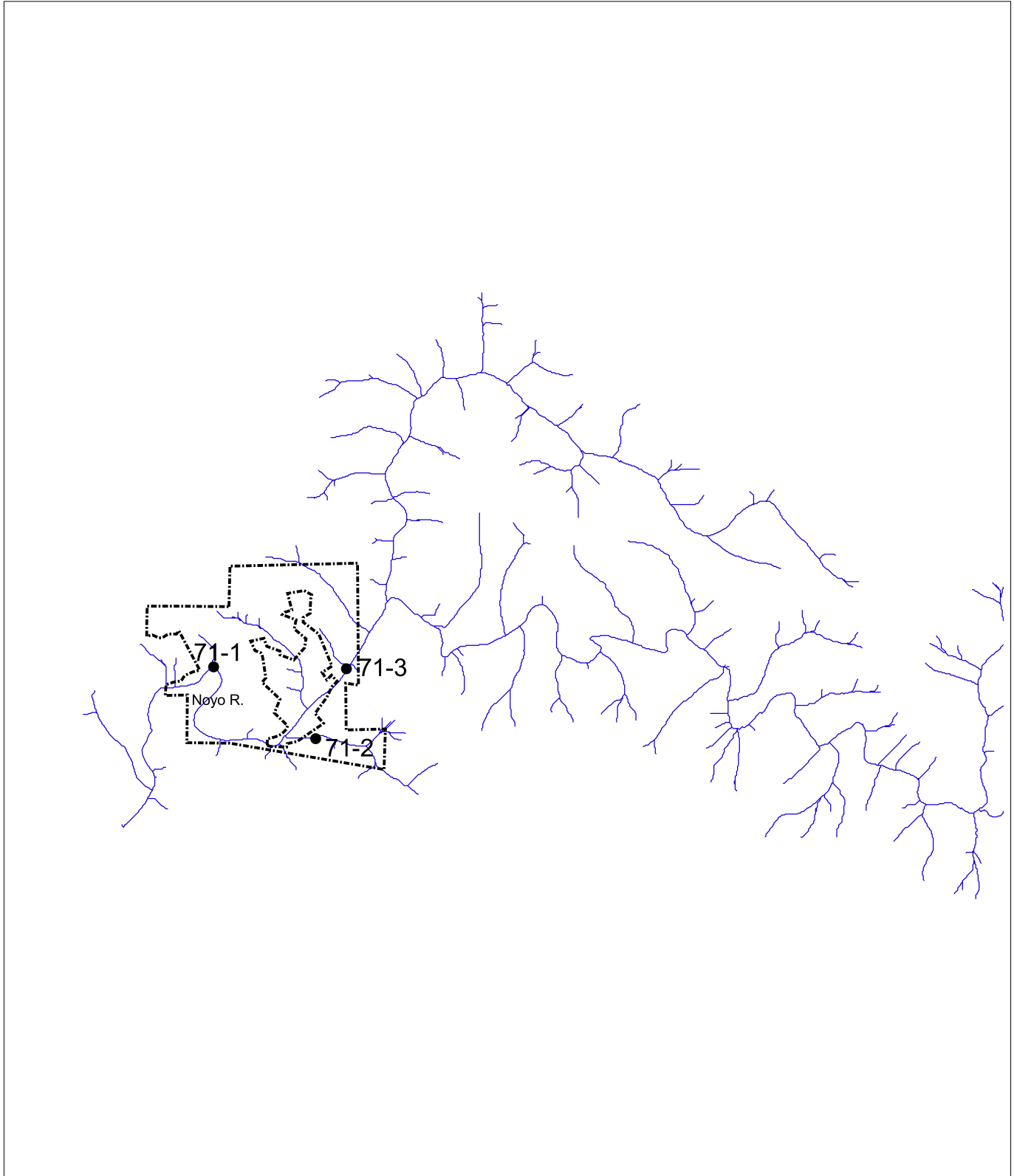
Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
DOYLE CREEK	72-01	8/7/1995	E	5			2	1		13.5	
DOYLE CREEK	72-01	7/16/1996	E	6			2	1		13	
DOYLE CREEK	72-01	9/18/2000	E	1	98	1.0:0.3:0.3	3	1	8.7	14	6.2
DOYLE CREEK	72-01	8/3/2001	E	2	119	1.0:1.0:0.0	3	1	9.18	12.5	5.7

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

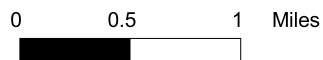
Map 6: Lower Noyo River



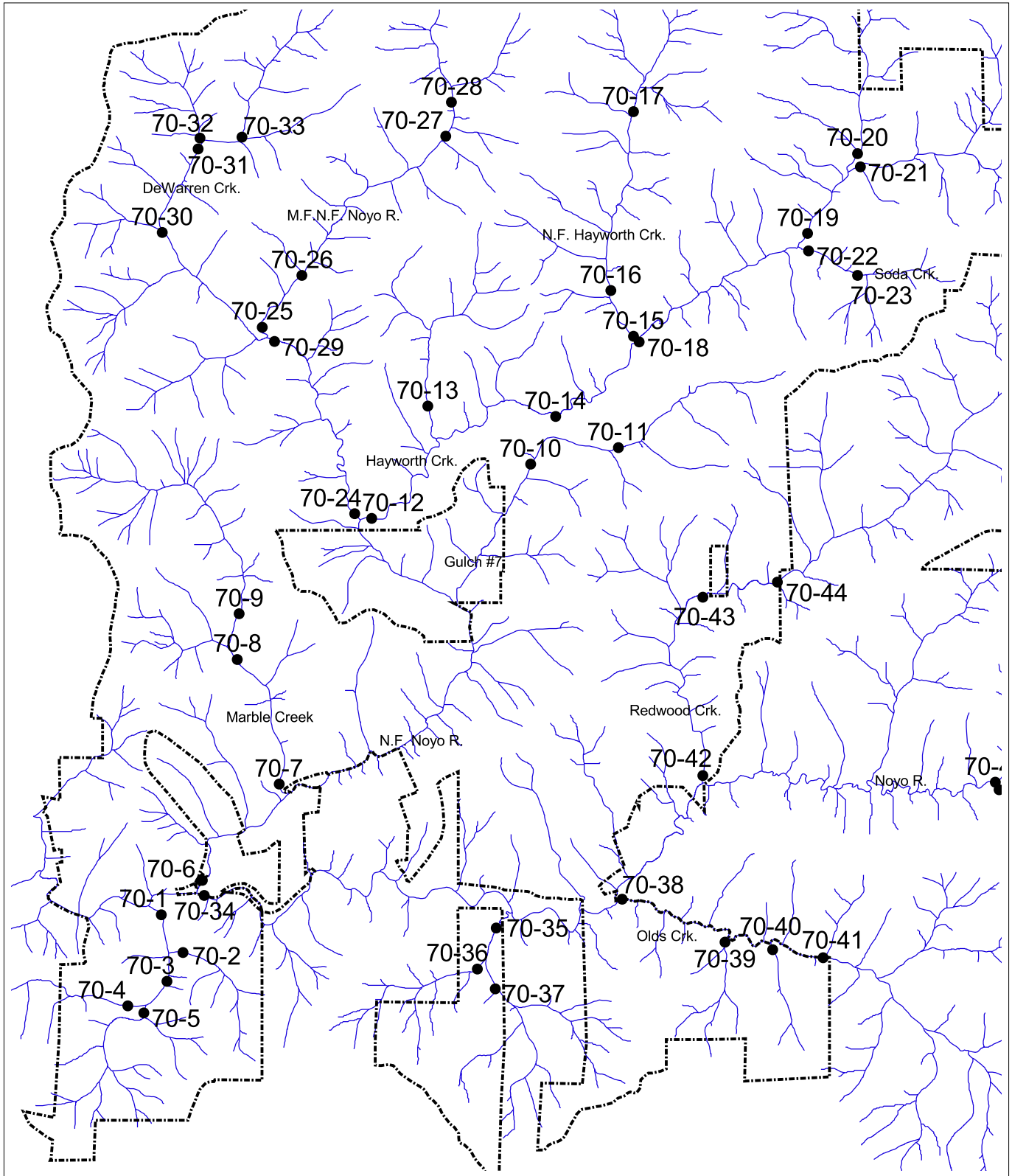
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Mendocino Redwood Company, LLC

● Site ID
- - - MRC Ownership
~ Watercourse



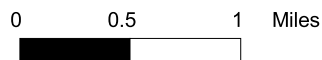
Map 7: North Fork Noyo River



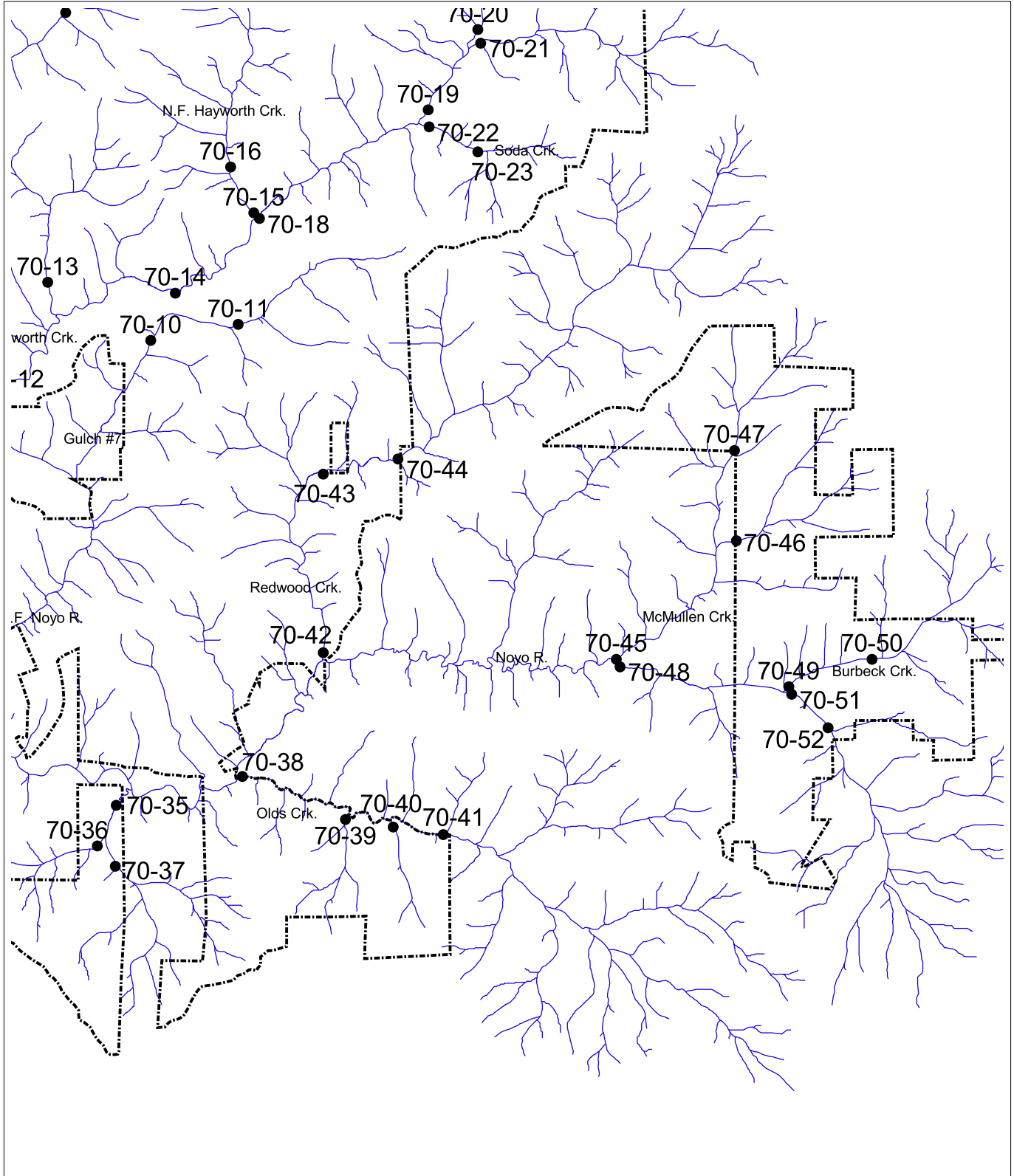
1:55000

Mendocino Redwood Company, LLC

- Site ID
- - - MRC Ownership
- Watercourse



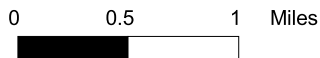
Map 8: McMullen Creek and Burbeck Creek



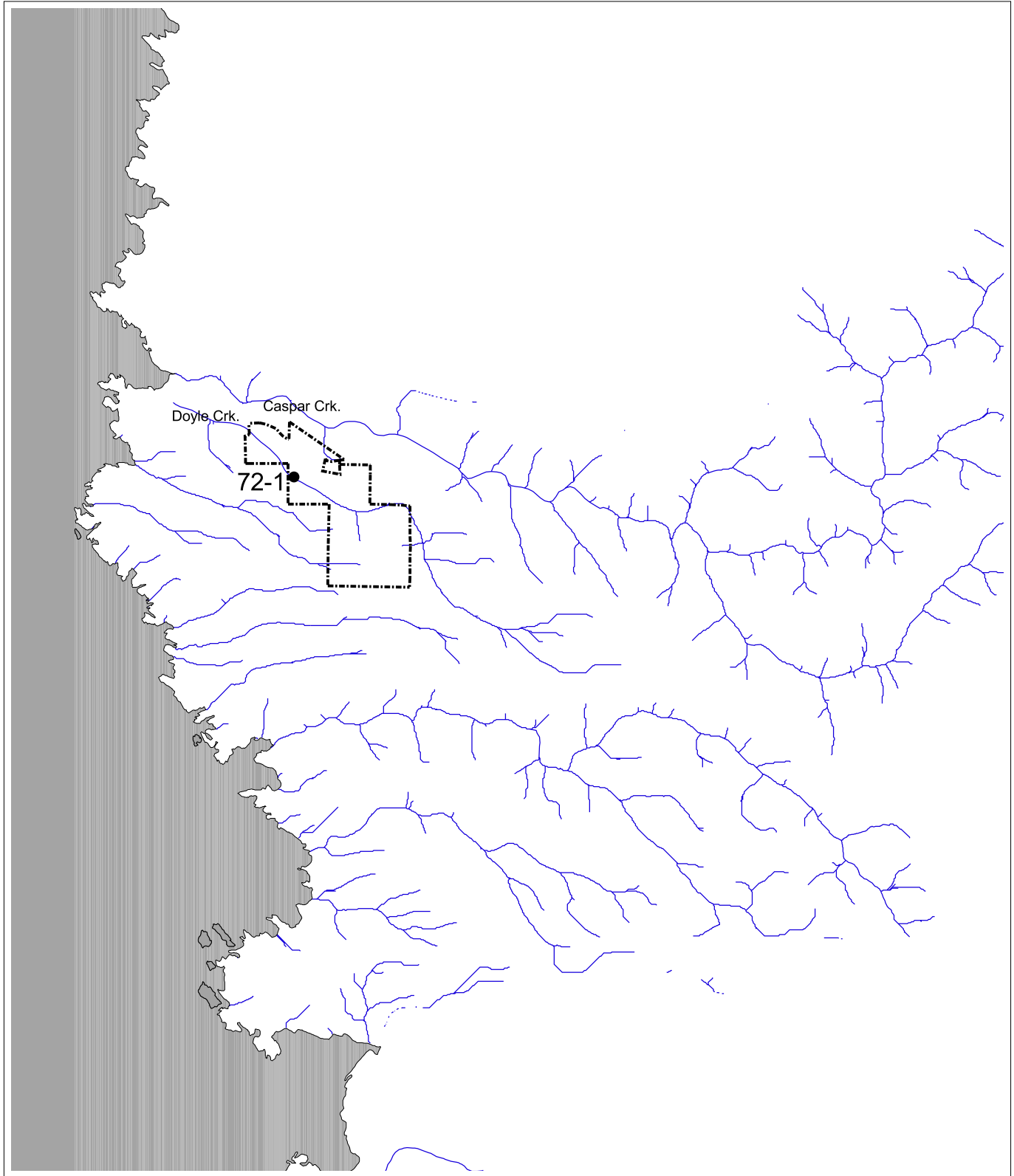
1:55000

Mendocino Redwood Company, LLC

● Site ID
--- MRC Ownership
~ Watercourse



Map 9: Doyle Creek




1:55000

Mendocino Redwood Company, LLC

-  Pacific Ocean
-  Site ID
-  MRC Ownership
-  Watercourse

0 0.5 1 Miles



Appendix 2: UTM coordinates and latitude / longitude of sites within the Noyo River Inventory Block.

Basin	Site ID	Easting Coordinate	Northing Coordinate	Latitude	Longitude
Noyo River	70-01	452243	4363216	39.419025	-123.554787
	70-02	452459	4362840	39.415649	-123.552254
	70-03	452299	4362557	39.41309	-123.554092
	70-04	451914	4362313	39.41087	-123.558548
	70-05	452074	4362247	39.410286	-123.556686
	70-06	452600	4363460	39.421246	-123.550659
	70-07	453408	4364503	39.430687	-123.541344
	70-08	452995	4365735	39.441765	-123.546234
	70-09	453014	4366186	39.445831	-123.546043
	70-10	455890	4367662	39.459282	-123.512718
	70-11	456755	4367822	39.460766	-123.502678
	70-12	454320	4367126	39.454369	-123.53093
	70-13	454875	4368235	39.46439	-123.524551
	70-14	456135	4368132	39.463528	-123.509903
	70-15	456906	4368922	39.470684	-123.500992
	70-16	456680	4369373	39.474739	-123.503647
	70-17	456906	4371140	39.490669	-123.501137
	70-18	456962	4368865	39.470177	-123.500336
	70-19	458626	4369937	39.479916	-123.481056
	70-20	459115	4370727	39.487057	-123.475418
	70-21	459143	4370595	39.48587	-123.47509
	70-22	458635	4369768	39.478394	-123.480942
	70-23	459115	4369523	39.476208	-123.475349
	70-24	454151	4367173	39.454784	-123.532898
	70-25	453239	4368940	39.470657	-123.543625
	70-26	453634	4369523	39.475929	-123.53907
	70-27	455054	4370896	39.488377	-123.522652
	70-28	455110	4371234	39.491425	-123.522026
	70-29	453239	4368884	39.47015	-123.543617
	70-30	452252	4369946	39.479668	-123.555168
	70-31	452609	4370774	39.487148	-123.551079
	70-32	452628	4370877	39.488075	-123.550865
	70-33	453042	4370886	39.488178	-123.546051
	70-34	452647	4363404	39.420742	-123.55011
	70-35	455552	4363084	39.418015	-123.516342
	70-36	455364	4362680	39.414364	-123.518501
	70-37	455542	4362482	39.41259	-123.516418
	70-38	456793	4363366	39.420616	-123.501945
	70-39	457808	4362943	39.416855	-123.490128
	70-40	458278	4362868	39.416203	-123.484665
	70-41	458776	4362792	39.415543	-123.478874
	70-42	457592	4364588	39.431667	-123.492737
	70-43	457592	4366346	39.44751	-123.492851
	70-44	458325	4366496	39.448895	-123.484344
	70-45	460478	4364522	39.43121	-123.459206
	70-46	461662	4365688	39.441772	-123.445518

Appendix 2: UTM coordinates and latitude / longitude of sites within the Noyo River Inventory Block.

Basin	Site ID	Easting Coordinate	Northing Coordinate	Latitude	Longitude
Noyo River	70-47	461643	4366581	39.449818	-123.445786
	70-48	460515	4364447	39.430538	-123.458771
	70-49	462179	4364250	39.428837	-123.439423
	70-50	462997	4364522	39.431324	-123.429939
	70-51	462207	4364174	39.428154	-123.439095
	70-52	462565	4363845	39.425205	-123.434921
	71-01	438436	4365567	39.439335	-123.715393
	71-02	439444	4364860	39.433033	-123.703613
	71-03	439744	4365546	39.439236	-123.700188
Doyle Crk.	72-01	430934	4356029	39.352825	-123.801575

Table A43. Summary of results for aquatic species surveys within the Big River watershed, Mendocino Co., California. Refer to Maps 10-13.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
BIG RIVER	74-01	7/12/1994	30	3				NEW PGS STB
BIG RIVER	74-01	6/13/1995	PRESENT					YLF
BIG RIVER	74-01	6/6/1996	PRESENT					STB YLF
BIG RIVER	74-01	6/27/2000	6	7				CNT STB YLF
BIG RIVER	74-01	8/13/2001	20	20	2	1		PR STB
RUSSELL BROOK	74-02	6/29/1994	6	2				AMM PGS
RUSSELL BROOK	74-02	6/20/1995	PRESENT					YLF
RUSSELL BROOK	74-02	6/6/1996	PRESENT	PRESENT	PRESENT			PGS YLF
RUSSELL BROOK	74-02	6/26/2000	32	1				PGS YLF
RUSSELL BROOK	74-02	8/13/2001	6	2				PGS
RUSSELL BROOK	74-03	6/29/1994		13				PGS SCP
RUSSELL BROOK	74-03	7/12/1995	PRESENT	PRESENT	PRESENT			PGS RSN SCP YLF
RUSSELL BROOK	74-03	6/24/1996	PRESENT	PRESENT	PRESENT			PGS YLF
RUSSELL BROOK	74-03	6/26/2000	18	2				CNT
RUSSELL BROOK	74-03	8/9/2001	12	3				PGS PR

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B43. Summary of site parameters within the Big River watershed, Mendocino Co., California. Refer to Maps 10-13.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
BIG RIVER	74-01	7/12/1994	D		75		2	2		20	
BIG RIVER	74-01	6/13/1995	D				3	3		14.5	
BIG RIVER	74-01	6/6/1996	D				3	3		19	
BIG RIVER	74-01	6/27/2000	D		125	1.0:0.1:0.0	3	3	9.2	21.4	7.9
BIG RIVER	74-01	8/13/2001	D		142	1.0:0.3:0.0	3	2	7.2	16.9	7.5
RUSSELL BROOK	74-02	6/29/1994	E	5	30		3	1		13	
RUSSELL BROOK	74-02	6/20/1995	D				2	2		12.5	
RUSSELL BROOK	74-02	6/6/1996	D				3	2		17.5	
RUSSELL BROOK	74-02	6/26/2000	D		117	1.0:2.9:0.0	3	3	9.57	17.5	8.0
RUSSELL BROOK	74-02	8/13/2001	E	3	104	1.0:1.0:0.0	3	2	8.95	14.7	7.6
RUSSELL BROOK	74-03	6/29/1994	E	5	45		2	1		22	
RUSSELL BROOK	74-03	7/12/1995	E	3			3	2		15	
RUSSELL BROOK	74-03	6/24/1996	E	5			3	2		15.5	
RUSSELL BROOK	74-03	6/26/2000	D		153	1.0:0.4:0.0	2	3	9.56	15.8	7.3
RUSSELL BROOK	74-03	8/9/2001	E	3	109	1.0:1.4:0.0	3	2	6.93	14.9	6.7

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A44. Summary of results for aquatic species surveys within the Big River watershed, Mendocino Co., California. Refer to Maps 10-13.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
RUSSELL BROOK	74-04	6/29/1994		10				NEW PGS YLF
RUSSELL BROOK	74-04	7/12/1995	PRESENT	PRESENT				PGS
RUSSELL BROOK	74-04	6/24/1996	PRESENT	PRESENT	PRESENT			PGS YLF
RUSSELL BROOK	74-04	6/28/2000	17	5				PGS YLF
RUSSELL BROOK	74-05	6/24/1996	PRESENT	PRESENT	PRESENT			PGS RSN YLF
RUSSELL BROOK	74-05	6/28/2000	28	5				PGS
RUSSELL BROOK	74-05	8/9/2001		5				PGS
BIG RIVER	74-06	6/29/1994	15	3				PGS
BIG RIVER	74-06	6/14/1995	PRESENT	PRESENT				NEW STB
BIG RIVER	74-06	6/27/2000	56	2				PGS
BIG RIVER	74-06	8/13/2001	15	10				PGS YLF
PIG PEN GULCH	74-07	6/30/1994		9				NEW PGS YLF
PIG PEN GULCH	74-07	6/14/1995	PRESENT		PRESENT			
PIG PEN GULCH	74-07	6/24/1996	PRESENT	PRESENT				PGS YLF
PIG PEN GULCH	74-07	6/27/2000						PGS SCP YLF

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B44. Summary of site parameters within the Big River watershed, Mendocino Co., California. Refer to Maps 10-13.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
RUSSELL BROOK	74-04	6/29/1994	E	5	230		3	1		17	
RUSSELL BROOK	74-04	7/12/1995	E	4			3	2		14.5	
RUSSELL BROOK	74-04	6/24/1996	E	7			3	2		15	
RUSSELL BROOK	74-04	6/28/2000	E	3	97	1.0:0.5:0.0	3	2	8.7	16	7.6
RUSSELL BROOK	74-05	6/24/1996	E	6			3	2		15	
RUSSELL BROOK	74-05	6/28/2000	E	4	88	1.0:0.7:0.3	3	2	8.3	15	7.9
RUSSELL BROOK	74-05	8/9/2001	E	2	91	1.0:2.1:0.0	3	1	7.67	15.5	7.2
BIG RIVER	74-06	6/29/1994	E	5	40		3	2		20	
BIG RIVER	74-06	6/14/1995	D				3	3		15	
BIG RIVER	74-06	6/27/2000	D		216	1.0:0.1:0.0	3	2	8.7	20.6	8.2
BIG RIVER	74-06	8/13/2001	E	5	243	1.0:0.2:0.0	3	2	8.55	16.1	7.5
PIG PEN GULCH	74-07	6/30/1994	E	5	60		2	1		17	
PIG PEN GULCH	74-07	6/14/1995	D				3	1		13.5	
PIG PEN GULCH	74-07	6/24/1996	E	5			3	2		13.5	
PIG PEN GULCH	74-07	6/27/2000	E	3	90	1.0:0.3:0.8	3	2	9.8	15.8	8.1

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A45. Summary of results for aquatic species surveys within the Big River watershed, Mendocino Co., California. Refer to Maps 10-13.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
PIG PEN GULCH	74-07	8/3/2001						PGS PR YLF
BIG RIVER	74-08	6/30/1994	36	10				SCP SKR
BIG RIVER	74-08	6/14/1995	PRESENT	PRESENT				NEW
BIG RIVER	74-08	6/6/1996	PRESENT	PRESENT	PRESENT			RSN STB YLF
BIG RIVER	74-08	6/27/2000	27	7				CNT PGS SCP STB
BIG RIVER	74-08	8/3/2001	30	30	5			CNT STB YLF
MARTIN CREEK	74-09	6/30/1994	13	18				NEW PGS SCP STB
MARTIN CREEK	74-09	6/14/1995	PRESENT					NEW
MARTIN CREEK	74-09	6/6/1996						RSN STB
MARTIN CREEK	74-09	6/27/2000	14					PGS SCP YLF
MARTIN CREEK	74-09	8/3/2001	9	3	1			AMM CNT PGS PR STB YLF
BIG RIVER	74-10	6/30/1994	9	12				AMM NEW PGS SCP SKR STB YLF
BIG RIVER	74-10	6/14/1995	PRESENT					NEW STB YLF
BIG RIVER	74-10	6/6/1996	PRESENT	PRESENT	PRESENT			RSN STB YLF
BIG RIVER	74-10	6/27/2000	28	1	2			AMM CNT CR PGS PR SCP STB YLF

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B45. Summary of site parameters within the Big River watershed, Mendocino Co., California. Refer to Maps 10-13.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
PIG PEN GULCH	74-07	8/3/2001	E	2	90	1.0:0.5:0.0	3	1	6.88	15.5	7.6
BIG RIVER	74-08	6/30/1994	E	5	100		2	2		22	
BIG RIVER	74-08	6/14/1995	D				3	3		15	
BIG RIVER	74-08	6/6/1996	D				3	3		18.5	
BIG RIVER	74-08	6/27/2000	E	10	235	1.0:3.0:7.8	3	2	9.7	21.8	8.2
BIG RIVER	74-08	8/3/2001	D		191	1.0:0.6:0.0	3	2	7.45	18.3	7.6
MARTIN CREEK	74-09	6/30/1994	E	5	100		3	2		17	
MARTIN CREEK	74-09	6/14/1995	D				3	3		14	
MARTIN CREEK	74-09	6/6/1996	D				3	3		17.5	
MARTIN CREEK	74-09	6/27/2000	E	6	148	1.0:2.0:0.0	3	3	9.78	16.4	7.9
MARTIN CREEK	74-09	8/3/2001	E	6	188	1.0:1.1:0.0	3	1	8.85	16.4	7.4
BIG RIVER	74-10	6/30/1994	E	5	118		3	2		16	
BIG RIVER	74-10	6/14/1995	D				3	2		13.5	
BIG RIVER	74-10	6/6/1996	D				3	3		16.5	
BIG RIVER	74-10	6/27/2000	E	12	171	1.0:0.4:0.0	3	2	8.57	16.5	8

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A46. Summary of results for aquatic species surveys within the Big River watershed, Mendocino Co., California. Refer to Maps 10-13.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
BIG RIVER	74-10	8/3/2001	17	4	1			AMM CNT PR STB YLF
NF BIG RIVER	75-01	7/12/1994	27	4				STB
NF BIG RIVER	75-01	6/12/1995	PRESENT	PRESENT	PRESENT			STB
NF BIG RIVER	75-01	6/7/1996	PRESENT			PRESENT		CNT RSN SCP STB
NF BIG RIVER	75-01	6/30/2000	2	2				CR PGS SCP
NF BIG RIVER	75-01	8/17/2001	25	25	5	8		STB
STEAM DONKEY GULCH	75-02	6/24/1996						PGS YLF
STEAM DONKEY GULCH	75-02	7/10/2000						PGS
STEAM DONKEY GULCH	75-02	8/1/2001						PGS
NF BIG RIVER	75-03	7/6/1994	14					STB
NF BIG RIVER	75-03	6/9/1995	PRESENT					NEW STB YLF
NF BIG RIVER	75-03	6/7/1996	PRESENT	PRESENT		PRESENT		PGS STB YLF
NF BIG RIVER	75-03	7/10/2000	12	18				
NF BIG RIVER	75-03	8/1/2001	17	4				AMM CR STB
DUNLAP GULCH	75-04	6/24/1996						PGS YLF

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B46. Summary of site parameters within the Big River watershed, Mendocino Co., California. Refer to Maps 10-13.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
BIG RIVER	74-10	8/3/2001	E	4	121	1.0:0.6:0.0	3	2	6.93	16	6.8
NF BIG RIVER	75-01	7/12/1994	D		50		2	2		17.5	
NF BIG RIVER	75-01	6/12/1995	D				3	3		16	
NF BIG RIVER	75-01	6/7/1996	D				3	3		17	
NF BIG RIVER	75-01	6/30/2000	E	6	121	1.0:0.7:0.0	3	2	9.85	19.7	8.2
NF BIG RIVER	75-01	8/17/2001	D		103	1.0:0.9:0.0	3	2	8.35	17.6	7.4
STEAM DONKEY GULCH	75-02	6/24/1996	E	2			3	1		13	
STEAM DONKEY GULCH	75-02	7/10/2000	D		110	1.0:0.6:0.9	3	1	9.55	14.4	7.1
STEAM DONKEY GULCH	75-02	8/1/2001	E	4	90	1.0:2.5:0.0	1	1	7.3	13.1	7.5
NF BIG RIVER	75-03	7/6/1994	E	5	98		2	1		16	
NF BIG RIVER	75-03	6/9/1995	D				3	3		14	
NF BIG RIVER	75-03	6/7/1996	D				3	3		18	
NF BIG RIVER	75-03	7/10/2000	D		105	1.0:0.0:2.4	3	2	10.02	18.6	8.1
NF BIG RIVER	75-03	8/1/2001	E	11	289	1.0:0.2:0.0	3	2	9.94	15.2	7.8
DUNLAP GULCH	75-04	6/24/1996	E	2			3	0		12	

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A47. Summary of results for aquatic species surveys within the Big River watershed, Mendocino Co., California. Refer to Maps 10-13.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
DUNLAP GULCH	75-04	7/10/2000						PGS
DUNLAP GULCH	75-04	8/1/2001						PGS
NF BIG RIVER	75-05	7/6/1994	18	1				PGS SKR YLF
NF BIG RIVER	75-05	6/9/1995	PRESENT					NEW STB
NF BIG RIVER	75-05	6/7/1996	PRESENT	PRESENT	PRESENT	PRESENT		CNT STB YLF
NF BIG RIVER	75-05	7/10/2000	16		1			CNT
NF BIG RIVER	75-05	8/1/2001	14					STB
EAST BRANCH NF BIG RIVER	75-06	7/6/1994	29	2				STB
EAST BRANCH NF BIG RIVER	75-06	6/9/1995	PRESENT	PRESENT				NEW STB
EAST BRANCH NF BIG RIVER	75-06	6/24/1996	PRESENT	PRESENT	PRESENT			PGS SCP YLF
EAST BRANCH NF BIG RIVER	75-06	7/10/2000		5				YLF
EAST BRANCH NF BIG RIVER	75-06	8/1/2001	6	1			1	PGS PR
EAST BRANCH NF BIG RIVER	75-07	6/30/1994	15	2				PGS STB
QUAIL GULCH	75-08	6/27/1996						PGS
BULL TEAM GULCH	75-09	6/27/1996	PRESENT	PRESENT	PRESENT	PRESENT		PGS

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B47. Summary of site parameters within the Big River watershed, Mendocino Co., California. Refer to Maps 10-13.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
DUNLAP GULCH	75-04	7/10/2000	D		83	1.0:0.5:0.0	1	1	9.57	14.2	6.6
DUNLAP GULCH	75-04	8/1/2001	E	4	95	1.0:0.4:0.0	1	1	6.85	12.2	7
NF BIG RIVER	75-05	7/6/1994	E	5	98		2	1		17	
NF BIG RIVER	75-05	6/9/1995	D				3	3		14	
NF BIG RIVER	75-05	6/7/1996	D				3	3		16.5	
NF BIG RIVER	75-05	7/10/2000	D		122	1.0:0.2:0.0	3	2	9.68	18.8	7.9
NF BIG RIVER	75-05	8/1/2001	E	6	132	1.0:0.3:0.0	3	2	8.31	14.4	7.6
EAST BRANCH NF BIG RIVER	75-06	7/6/1994	E	5	108		2	1		14	
EAST BRANCH NF BIG RIVER	75-06	6/9/1995	D				3	3		13.5	
EAST BRANCH NF BIG RIVER	75-06	6/24/1996	E	13			3	3		17	
EAST BRANCH NF BIG RIVER	75-06	7/10/2000	D		149	1.0:1.1:0.0	3	2	9.94	16.2	8.0
EAST BRANCH NF BIG RIVER	75-06	8/1/2001	E	1	173	1.0:1.5:0.0	3	1	9.2	14.7	7.7
EAST BRANCH NF BIG RIVER	75-07	6/30/1994	E	5	110		2	1		19	
QUAIL GULCH	75-08	6/27/1996	E	2			2	1		14	
BULL TEAM GULCH	75-09	6/27/1996	E	4			2	1		15	

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A48. Summary of results for aquatic species surveys within the Big River watershed, Mendocino Co., California. Refer to Maps 10-13.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
BULL TEAM GULCH	75-09	6/30/2000						PGS
BULL TEAM GULCH	75-09	7/31/2001						PGS
EAST BRANCH NF BIG RIVER	75-10	6/20/1995	PRESENT	PRESENT				PGS STB YLF
EAST BRANCH NF BIG RIVER	75-10	6/24/1996	PRESENT	PRESENT	PRESENT	PRESENT		YLF
EAST BRANCH NF BIG RIVER	75-10	6/30/2000	20	4				PGS YLF
EAST BRANCH NF BIG RIVER	75-10	7/31/2001	4	4	3			PGS PR
EAST BRANCH NF BIG RIVER	75-11	6/30/1994	28	3				PGS STB
EAST BRANCH NF BIG RIVER	75-11	7/12/1995	PRESENT	PRESENT	PRESENT			PGS YLF
EAST BRANCH NF BIG RIVER	75-11	6/24/1996	PRESENT	PRESENT				LAM PGS SCP YLF
EAST BRANCH NF BIG RIVER	75-11	6/30/2000	22	3				PGS
EAST BRANCH NF BIG RIVER	75-11	7/31/2001	13	6	1			AMM PGS
FRYKMAN GULCH	75-12	6/30/2000						PGS
FRYKMAN GULCH	75-12	7/31/2001						PGS PR
TWO LOG CREEK	76-01	7/6/1994	6	2				PGS STB
TWO LOG CREEK	76-01	7/12/1995	PRESENT	PRESENT	PRESENT	PRESENT		

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B48. Summary of site parameters within the Big River watershed, Mendocino Co., California. Refer to Maps 10-13.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
BULL TEAM GULCH	75-09	6/30/2000	E	2	97	1.0:4.1:0.0	3	1	7.85	13.5	7.5
BULL TEAM GULCH	75-09	7/31/2001	E	1	97	1.0:4.1:0.0	1	1		14.3	
EAST BRANCH NF BIG RIVER	75-10	6/20/1995	D				3	2		16.5	
EAST BRANCH NF BIG RIVER	75-10	6/24/1996	E	8			3	2		16.5	
EAST BRANCH NF BIG RIVER	75-10	6/30/2000	E	4	188	1.0:0.6:0.0	3	2	9.4	15.5	8.0
EAST BRANCH NF BIG RIVER	75-10	7/31/2001	E	3	90	1.0:0.4:0.0	3	1		14.2	
EAST BRANCH NF BIG RIVER	75-11	6/30/1994	E	5	100		2	1		20	
EAST BRANCH NF BIG RIVER	75-11	7/12/1995	E	4			3	2		15.5	
EAST BRANCH NF BIG RIVER	75-11	6/24/1996	E	8			3	2		16	
EAST BRANCH NF BIG RIVER	75-11	6/30/2000	E	5	125	1.0:0.5:0.0	3	2	9.8	15.2	8
EAST BRANCH NF BIG RIVER	75-11	7/31/2001	E	5	104	1.0:0.8:0.0	3	1		18.6	
FRYKMAN GULCH	75-12	6/30/2000	E	2	82	1.0:3.1:0.0	3	1	9.85	13.2	7.6
FRYKMAN GULCH	75-12	7/31/2001	E	2	94	1.0:2.9:0.0	3	1		13.4	
TWO LOG CREEK	76-01	7/6/1994	E	5	65		2	1		17	
TWO LOG CREEK	76-01	7/12/1995	E	4			3	2		16	

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A49. Summary of results for aquatic species surveys within the Big River watershed, Mendocino Co., California. Refer to Maps 10-13.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
TWO LOG CREEK	76-01	6/27/1996	PRESENT	PRESENT		PRESENT		PGS SCP YLF
TWO LOG CREEK	76-01	6/29/2000	5			2		PGS PR YLF
TWO LOG CREEK	76-01	8/2/2001	1	1		7	5	PGS STB YLF
TWO LOG CREEK	76-02	7/7/1994	1	6				PGS RLF SCP STB YLF
TWO LOG CREEK	76-02	8/2/1995	PRESENT	PRESENT				PGS SCP YLF
TWO LOG CREEK	76-02	6/27/1996						PGS
TWO LOG CREEK	76-02	6/29/2000	9			3		CR PGS PR STB YLF
TWO LOG CREEK	76-02	8/2/2001				5	2	PGS PR
BEAVER POND GULCH	76-08	8/2/2001						PR
BEAVER POND GULCH	76-03	8/16/1995						
BEAVER POND GULCH	76-03	6/27/1996						
BEAVER POND GULCH	76-03	6/29/2000						
BIG RIVER	76-04	7/6/1994	30	1				AMM PGS SCP
BIG RIVER	76-04	6/12/1995	PRESENT	PRESENT	PRESENT			STB YLF
BIG RIVER	76-04	6/27/1996	PRESENT	PRESENT	PRESENT	PRESENT		SCP SKR STB YLF

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B49. Summary of site parameters within the Big River watershed, Mendocino Co., California. Refer to Maps 10-13.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
TWO LOG CREEK	76-01	6/27/1996	E	7			3	1		14	
TWO LOG CREEK	76-01	6/29/2000	E	6	120	1.0:0.4:0.0	3	1	9.7	16	7.7
TWO LOG CREEK	76-01	8/2/2001	E	6	93	1.0:0.7:0.0	3	2	5.4	13.7	7.0
TWO LOG CREEK	76-02	7/7/1994	E	5	86		2	1		15.5	
TWO LOG CREEK	76-02	8/2/1995	E	4			3	1		18.5	
TWO LOG CREEK	76-02	6/27/1996	E	2			3	1		13	
TWO LOG CREEK	76-02	6/29/2000	E	7	165	1.0:1.1:0.0	3	1	8.53	14.2	7.9
TWO LOG CREEK	76-02	8/2/2001	E	5	116	1.0:0.6:0.0	2	2	6.5	13.1	7.1
BEAVER POND GULCH	76-08	8/2/2001	E	2	106	1.0:1.5:0.0	3	1	6.9	13	7.1
BEAVER POND GULCH	76-03	8/16/1995	E	4			0	1		14.5	
BEAVER POND GULCH	76-03	6/27/1996	E	5			1	1		14	
BEAVER POND GULCH	76-03	6/29/2000	E	3	88	1.0:0.9:0.0	1	0	6.7	16.2	7.1
BIG RIVER	76-04	7/6/1994	E	5	60		2	2		22	
BIG RIVER	76-04	6/12/1995	D				3	3		16	
BIG RIVER	76-04	6/27/1996	D				3	3		18	

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A50. Summary of results for aquatic species surveys within the Big River watershed, Mendocino Co., California. Refer to Maps 10-13.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
BIG RIVER	76-04	6/29/2000	1	2		1		CNT SCP YLF
BIG RIVER	76-04	8/2/2001	2	6				PR STB YLF
TRAMWAY GULCH	76-05	7/6/1994	32					PGS YLF
TRAMWAY GULCH	76-05	7/12/1995	PRESENT	PRESENT				PGS YLF
TRAMWAY GULCH	76-05	6/27/1996	PRESENT					PGS YLF
TRAMWAY GULCH	76-05	6/29/2000						PGS YLF
TRAMWAY GULCH	76-05	8/2/2001						PGS
TRAMWAY GULCH	76-06	7/6/1994						PGS
TRAMWAY GULCH	76-06	7/12/1995	PRESENT					PGS
TRAMWAY GULCH	76-06	6/27/1996	PRESENT	PRESENT				PGS YLF
TRAMWAY GULCH	76-06	6/29/2000						PGS YLF
TRAMWAY GULCH	76-06	8/2/2001						PGS
BIG RIVER	76-07	7/12/1994	16	10				AMM NEW PGS STB
BIG RIVER	76-07	6/12/1995	PRESENT	PRESENT	PRESENT			STB YLF
BIG RIVER	76-07	6/7/1996	PRESENT	PRESENT	PRESENT			CNT STB YLF

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B50. Summary of site parameters within the Big River watershed, Mendocino Co., California. Refer to Maps 10-13.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
BIG RIVER	76-04	6/29/2000	E	7	337	1.0:0.8:0.0	3	3	10	20	8.2
BIG RIVER	76-04	8/2/2001	E	4	166	1.0:0.4:0.0	3	2	6.98	22.8	7.7
TRAMWAY GULCH	76-05	7/6/1994	E	5	175		2	1		14	
TRAMWAY GULCH	76-05	7/12/1995	E	2			3	1		14	
TRAMWAY GULCH	76-05	6/27/1996	E	3			3	1		14	
TRAMWAY GULCH	76-05	6/29/2000	E	156	91	1.0:2.4:0.0	3	1	8.33	13.5	7.9
TRAMWAY GULCH	76-05	8/2/2001	E	1	90	1.0:2.5:0.0	3	1	8.1	14.1	7.5
TRAMWAY GULCH	76-06	7/6/1994	E	3	60			1		14	
TRAMWAY GULCH	76-06	7/12/1995	E	3			2	1		14	
TRAMWAY GULCH	76-06	6/27/1996	E	4			3	1		14	
TRAMWAY GULCH	76-06	6/29/2000	E	3	78	1.0:1.2:0.0	1	1	7.82	12.8	7.2
TRAMWAY GULCH	76-06	8/2/2001	E	3	105	1.0:0.8:0.0	3	1	5.61	12.4	6.7
BIG RIVER	76-07	7/12/1994	D		120		2	2		18	
BIG RIVER	76-07	6/12/1995	D				3	3		17	
BIG RIVER	76-07	6/7/1996	D				3	3		17.5	

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A51. Summary of results for aquatic species surveys within the Big River watershed, Mendocino Co., California. Refer to Maps 10-13.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
SF BIG RIVER	79-01	7/12/1994	21	7				NEW PGS STB
SF BIG RIVER	79-01	6/13/1995	PRESENT	PRESENT				NEW STB YLF
SF BIG RIVER	79-01	6/7/1996	PRESENT	PRESENT	PRESENT	PRESENT		CNT STB
SF BIG RIVER	79-01	6/27/2000	8	4				CNT LAM PTF STB YLF
SF BIG RIVER	79-01	8/13/2001	15	10				CNT STB YLF
NONAME GULCH	79-02	7/12/1995						PGS
NONAME GULCH	79-02	6/25/1996						PGS YLF
NONAME GULCH	79-02	10/4/2000						PGS
NONAME GULCH	79-02	8/9/2001						PGS
RAMON CREEK	79-03	7/7/1994	14	7				AMM PGS
RAMON CREEK	79-03	6/13/1995	PRESENT	PRESENT	PRESENT			NEW STB YLF
RAMON CREEK	79-03	6/5/1996	PRESENT	PRESENT	PRESENT			RSN
RAMON CREEK	79-03	10/4/2000	6					PGS STB
RAMON CREEK	79-03	8/10/2001	6					STB YLF
RAMON CREEK	79-04	7/7/1994	26	12				

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B51. Summary of site parameters within the Big River watershed, Mendocino Co., California. Refer to Maps 10-13.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
SF BIG RIVER	79-01	7/12/1994	D		135		3	2		19.5	
SF BIG RIVER	79-01	6/13/1995	D				3	3		15	
SF BIG RIVER	79-01	6/7/1996	D				3	3		16	
SF BIG RIVER	79-01	6/27/2000	E	2	442	1.0:0.1:0.1	3	1	9.5	15	7.4
SF BIG RIVER	79-01	8/13/2001	D		220	1.0:0.2:0.0	3	2	6.23	18.6	7.3
NONAME GULCH	79-02	7/12/1995	E	2			2	1		14.5	
NONAME GULCH	79-02	6/25/1996	E	2			3	1			
NONAME GULCH	79-02	10/4/2000	E	1	90	1.0:1.9:0.0	3	1	8.7	12	6.4
NONAME GULCH	79-02	8/9/2001	E	2	98	1.0:3.7:0.0	3	1	7	14.8	7
RAMON CREEK	79-03	7/7/1994	E	5	97		2	1		21	
RAMON CREEK	79-03	6/13/1995	D				3	2		16	
RAMON CREEK	79-03	6/5/1996	D				2	2			
RAMON CREEK	79-03	10/4/2000	E	3	99	1.0:0.8:0.0	3	1	11.6	11	6.9
RAMON CREEK	79-03	8/10/2001	E	2	146	1.0:0.7:0.0	3	1	8.03	20	7.5
RAMON CREEK	79-04	7/7/1994	E	5	74		2	1			

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A52. Summary of results for aquatic species surveys within the Big River watershed, Mendocino Co., California. Refer to Maps 10-13.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
RAMON CREEK	79-04	7/12/1995	PRESENT	PRESENT	PRESENT	PRESENT		CNT PGS SCP STB YLF
RAMON CREEK	79-04	6/25/1996	PRESENT	PRESENT		PRESENT		PGS STB YLF
RAMON CREEK	79-04	6/28/2000	31	5				CNT PGS SCP YLF
RAMON CREEK	79-04	8/10/2001	6	2				PR STB YLF
NF RAMON CREEK	79-05	7/7/1994	5	9				CR PGS
NF RAMON CREEK	79-05	7/12/1995	PRESENT			PRESENT		PGS
NF RAMON CREEK	79-05	6/25/1996	PRESENT	PRESENT				PGS YLF
NF RAMON CREEK	79-05	6/28/2000	6	3				PGS SCP STB
NF RAMON CREEK	79-05	8/10/2001	5					PR
NF RAMON CREEK	79-06	7/7/1994		16				PGS YLF
NF RAMON CREEK	79-06	7/12/1995	PRESENT	PRESENT	PRESENT			CNT PGS YLF
NF RAMON CREEK	79-06	6/25/1996	PRESENT	PRESENT				PGS YLF
NF RAMON CREEK	79-06	7/10/2000	3		1			PGS YLF
NF RAMON CREEK	79-06	8/10/2001	1	1	1			PGS YLF
RAMON CREEK	79-07	7/7/1994	10	10				PGS SCP

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B52. Summary of site parameters within the Big River watershed, Mendocino Co., California. Refer to Maps 10-13.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
RAMON CREEK	79-04	7/12/1995	E	9			3	2		19	
RAMON CREEK	79-04	6/25/1996	E	8			3	2			
RAMON CREEK	79-04	6/28/2000	E	6	149	1.0:0.7:0.0	3	1	8.6	23.8	7.9
RAMON CREEK	79-04	8/10/2001	E	2	164	1.0:1.3:0.0	3	1	6.4	19.9	7.1
NF RAMON CREEK	79-05	7/7/1994	E	5	100		2	1		18	
NF RAMON CREEK	79-05	7/12/1995	E	6			2	1		16.5	
NF RAMON CREEK	79-05	6/25/1996	E	4			3	2			
NF RAMON CREEK	79-05	6/28/2000	E	4	113	1.0:1.8:0.0	3	1	9.8	18.7	8.0
NF RAMON CREEK	79-05	8/10/2001	E	1	106	1.0:2.2:0.0	3	1	7.75	18.8	7.2
NF RAMON CREEK	79-06	7/7/1994	E	5	181		2	1		20	
NF RAMON CREEK	79-06	7/12/1995	E	8			2	1		16.5	
NF RAMON CREEK	79-06	6/25/1996	E	4			3	2		16	
NF RAMON CREEK	79-06	7/10/2000	E	5	104	1.0:1.3:0.5	3	2	7.95	12.5	7.7
NF RAMON CREEK	79-06	8/10/2001	E	2	144	1.0:3.4:0.0	3	1	6.25	15.7	7
RAMON CREEK	79-07	7/7/1994	E	5	90		2	1		22	

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A53. Summary of results for aquatic species surveys within the Big River watershed, Mendocino Co., California. Refer to Maps 10-13.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
RAMON CREEK	79-07	7/12/1995	PRESENT	PRESENT				NEW PGS SCP
RAMON CREEK	79-07	6/25/1996	PRESENT	PRESENT				PGS SCP YLF
RAMON CREEK	79-07	6/28/2000	18	2				PGS SCP
RAMON CREEK	79-08	7/12/1995	PRESENT	PRESENT				PGS SCP
RAMON CREEK	79-08	6/25/1996	PRESENT	PRESENT	PRESENT			PGS SCP YLF
RAMON CREEK	79-08	7/10/2000	5	2				CNT PGS SCP YLF
RAMON CREEK	79-08	8/10/2001		2				CNT PR
METTICK CREEK	79-09	7/8/1994		1				
METTICK CREEK	79-09	6/13/1995	PRESENT					SCP YLF
METTICK CREEK	79-09	6/6/1996	PRESENT	PRESENT	PRESENT			YLF
METTICK CREEK	79-09	6/28/2000	5					PGS
METTICK CREEK	79-09	8/14/2001	5	1				CNT PGS PR
METTICK CREEK	79-10	7/12/1994		3				SCP
METTICK CREEK	79-10	7/12/1995	PRESENT					PGS SCP
METTICK CREEK	79-10	6/25/1996	PRESENT	PRESENT				PGS SCP YLF

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B53. Summary of site parameters within the Big River watershed, Mendocino Co., California. Refer to Maps 10-13.

Stream Name	SITE ID	DATE	METHOD e=electrofishing d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
RAMON CREEK	79-07	7/12/1995	E	6			3	1		16	
RAMON CREEK	79-07	6/25/1996	E	4			3	2		18.5	
RAMON CREEK	79-07	6/28/2000	E	3	109	1.0:2.0:0.0	3	1	8.5	20.2	8.0
RAMON CREEK	79-08	7/12/1995	E	7			2	1		15	
RAMON CREEK	79-08	6/25/1996	E	10			3	2		16.5	
RAMON CREEK	79-08	7/10/2000	E	2	96	1.0:1.6:0.0	3	2	7.15	14.3	7.6
RAMON CREEK	79-08	8/10/2001	E	2	117	1.0:0.9:0.0	3	1	6.18	15.7	7
METTICK CREEK	79-09	7/8/1994	D		35		2	1		15.5	
METTICK CREEK	79-09	6/13/1995	D				3	2		12.5	
METTICK CREEK	79-09	6/6/1996	D				2	2		14	
METTICK CREEK	79-09	6/28/2000	D		112	1.0:0.3:0.0	3	2	8.37	16.3	7.9
METTICK CREEK	79-09	8/14/2001	E	3	98	1.0:0.8:0.0	3	1	7.44	14	7.6
METTICK CREEK	79-10	7/12/1994	V	10	32		2	1		15	
METTICK CREEK	79-10	7/12/1995	E	5			2	1		14	
METTICK CREEK	79-10	6/25/1996	E	4			3	2			

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A54. Summary of results for aquatic species surveys within the Big River watershed, Mendocino Co., California. Refer to Maps 10-13.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
METTICK CREEK	79-10	8/22/2000	1	4				SCP
METTICK CREEK	79-10	8/14/2001		1				PGS PR
SF BIG RIVER	79-11	7/8/1994	20	10				RLF STB YLF
SF BIG RIVER	79-11	6/13/1995	PRESENT		PRESENT			STB
SF BIG RIVER	79-11	6/6/1996	PRESENT	PRESENT				STB YLF
SF BIG RIVER	79-11	6/28/2000	6	11				YLF
SF BIG RIVER	79-11	8/14/2001	2	9				CRY PR STB
ANDERSON GULCH	79-12	7/8/1994		2				
ANDERSON GULCH	79-12	6/13/1995	PRESENT					
ANDERSON GULCH	79-12	6/6/1996		PRESENT	PRESENT			
ANDERSON GULCH	79-12	6/28/2000						CNT PGS
ANDERSON GULCH	79-12	8/14/2001						PGS
BOARDMAN GULCH	79-31	6/29/2000	1					PGS
BOARDMAN GULCH	79-31	8/15/2001	6					
BOARDMAN GULCH	79-13	6/25/1996						PGS YLF

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B54. Summary of site parameters within the Big River watershed, Mendocino Co., California. Refer to Maps 10-13.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
METTICK CREEK	79-10	8/22/2000	E	2	113	1.0:1.3:0.0	3	1	9.5	15	7.4
METTICK CREEK	79-10	8/14/2001	E	2	120	1.0:2.1:0.0	3	1	7.6	14.4	7.7
SF BIG RIVER	79-11	7/8/1994	D		60		3	2		23	
SF BIG RIVER	79-11	6/13/1995	D				3	3		15	
SF BIG RIVER	79-11	6/6/1996	D				2	3		17	
SF BIG RIVER	79-11	6/28/2000	D		288	1.0:0.1:0.1	3	3	9.45	21	8.2
SF BIG RIVER	79-11	8/14/2001	E	3	97	1.0:0.2:0.0	3	1	8.8	15.2	7.7
ANDERSON GULCH	79-12	7/8/1994	V	5	35			1		15	
ANDERSON GULCH	79-12	6/13/1995	D				3	2		13	
ANDERSON GULCH	79-12	6/6/1996	D				2	2		14	
ANDERSON GULCH	79-12	6/28/2000	D		154	1.0:2.5:0.0	3	2	9.7	15	7.8
ANDERSON GULCH	79-12	8/14/2001	E	2	116	1.0:1.8:0.0	3	1	7.17	13.8	7.1
BOARDMAN GULCH	79-31	6/29/2000	E	3	183	1.0:1.3:0.0	3	1	9.1	14.8	8.1
BOARDMAN GULCH	79-31	8/15/2001	E	1	100	1.0:0.8:0.0	3	1	7.15	14	7.2
BOARDMAN GULCH	79-13	6/25/1996	E	3			3	1		14	

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A55. Summary of results for aquatic species surveys within the Big River watershed, Mendocino Co., California. Refer to Maps 10-13.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
BOARDMAN GULCH	79-13	6/29/2000						PGS
BOARDMAN GULCH	79-13	8/14/2001	1		1			
HALFWAY HOUSE GULCH	79-14	7/1/1996	PRESENT	PRESENT				RSN YLF
HALFWAY HOUSE GULCH	79-14	6/29/2000						
HALFWAY HOUSE GULCH	79-14	8/15/2001						PGS YLF
SF BIG RIVER	79-15	7/8/1994	15	5				STB
SF BIG RIVER	79-15	6/20/1995	PRESENT	PRESENT				YLF
SF BIG RIVER	79-15	7/1/1996	PRESENT	PRESENT	PRESENT			CRY STB
SF BIG RIVER	79-15	6/29/2000	13	1				PGS SCP YLF
SF BIG RIVER	79-15	8/15/2001	7	6	1			STB YLF
DAUGHERTY CREEK	79-16	7/11/1994	16	5				PGS STB
DAUGHERTY CREEK	79-16	6/29/2000	7	2	1			PGS SCP YLF
DAUGHERTY CREEK	79-16	8/23/2001	2	1	2			AMM STB
DAUGHERTY CREEK	79-17	6/15/1995	PRESENT	PRESENT	PRESENT			STB YLF
DAUGHERTY CREEK	79-17	6/14/1996	PRESENT	PRESENT	PRESENT	PRESENT		NEW STB

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B55. Summary of site parameters within the Big River watershed, Mendocino Co., California. Refer to Maps 10-13.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
BOARDMAN GULCH	79-13	6/29/2000	E	6	141	1.0:1.5:0.0	3	1	7.3	16.4	6.8
BOARDMAN GULCH	79-13	8/14/2001	E	1	106	1.0:1.9:0.0	1	1	3.7	18	6
HALFWAY HOUSE GULCH	79-14	7/1/1996	V	18			3	1		14.5	
HALFWAY HOUSE GULCH	79-14	6/29/2000	E	3	43	1.0:0.5:0.0	3	1	9.25	13.9	7.9
HALFWAY HOUSE GULCH	79-14	8/15/2001	E	2	112	1.0:1.1:0.0	3	1	6.6	14	7.0
SF BIG RIVER	79-15	7/8/1994	D		40		2	2		19	
SF BIG RIVER	79-15	6/20/1995	D				3	3		16	
SF BIG RIVER	79-15	7/1/1996	D				3	2		19.5	
SF BIG RIVER	79-15	6/29/2000	E	13	148	1.0:0.4:0.0	3	3	7.46	17.1	7.9
SF BIG RIVER	79-15	8/15/2001	D		157	1.0:0.4:0.0	3	2	7.28	16.9	7.5
DAUGHERTY CREEK	79-16	7/11/1994	E	5	112		2	1		24	
DAUGHERTY CREEK	79-16	6/29/2000	E	23	302	1.0:0.5:0.0	3	2	8.86	21.2	8.1
DAUGHERTY CREEK	79-16	8/23/2001	E	2	111	1.0:0.2:0.0	3	2	8.08	15.6	7.8
DAUGHERTY CREEK	79-17	6/15/1995	D				3	3		13	
DAUGHERTY CREEK	79-17	6/14/1996	D				3	2		15	

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A56. Summary of results for aquatic species surveys within the Big River watershed, Mendocino Co., California. Refer to Maps 10-13.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
DAUGHERTY CREEK	79-17	10/4/2000	12	2				SCP STB
SODA CREEK	79-18	7/11/1994	2	5				PGS SCP YLF
SODA CREEK	79-18	6/15/1995	PRESENT					
SODA CREEK	79-18	6/14/1996	PRESENT	PRESENT				SCP
SODA CREEK	79-18	6/29/2000	2	3				PGS
SODA CREEK	79-18	8/22/2001		3				PGS
SODA CREEK	79-19	7/11/1994		17				PGS YLF
SODA CREEK	79-19	7/17/1995	PRESENT	PRESENT	PRESENT			PGS RSN YLF
SODA CREEK	79-19	6/26/1996	PRESENT	PRESENT	PRESENT			PGS RSN YLF
SODA CREEK	79-19	6/30/2000						CNT PGS YLF
SODA CREEK	79-19	8/24/2001	2					CNT
GATES CREEK	79-20	8/2/1994	22	9	2			PGS STB
GATES CREEK	79-20	6/15/1995	PRESENT	PRESENT	PRESENT			STB
GATES CREEK	79-20	6/14/1996	PRESENT	PRESENT	PRESENT			NEW STB
GATES CREEK	79-20	6/30/2000	8	3				CNT PGS PR STB

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B56. Summary of site parameters within the Big River watershed, Mendocino Co., California. Refer to Maps 10-13.

Stream Name	SITE ID	DATE	METHOD e=electrofishing d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
DAUGHERTY CREEK	79-17	10/4/2000	E	5	167	1.0:0.3:0.2	3	2		12.4	7.6
SODA CREEK	79-18	7/11/1994	E	5	38		2	1		21	
SODA CREEK	79-18	6/15/1995	D				3	2		12.5	
SODA CREEK	79-18	6/14/1996	D				3	2		14	
SODA CREEK	79-18	6/29/2000	E	10	94	1.0:0.3:0.0	3	2	8.15	18.7	7.9
SODA CREEK	79-18	8/22/2001	E	2	93	1.0:2.2:0.0	3	1	7.78	15.4	7.8
SODA CREEK	79-19	7/11/1994	E	5	83		2	0		22.5	
SODA CREEK	79-19	7/17/1995	E	4			3	1		15.5	
SODA CREEK	79-19	6/26/1996	E	6			3	1		14	
SODA CREEK	79-19	6/30/2000	E	5	92	1.0:0.5:0.0	3	3	7.72	13.2	7.5
SODA CREEK	79-19	8/24/2001	E	1	92	1.0:1.0:0.0	3	1	5.58	14.8	7
GATES CREEK	79-20	8/2/1994	E	5	79		2	1		18	
GATES CREEK	79-20	6/15/1995	D				3	2		13.5	
GATES CREEK	79-20	6/14/1996	D				3	2		17	
GATES CREEK	79-20	6/30/2000	E	19	170	1.0:0.3:0.0	3	2	8.91	15.6	7.9

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A57. Summary of results for aquatic species surveys within the Big River watershed, Mendocino Co., California. Refer to Maps 10-13.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
GATES CREEK	79-20	8/23/2001	6	2				PGS STB
GATES CREEK	79-21	8/2/1994	24	18	3			AMM PGS STB
GATES CREEK	79-21	7/17/1995	PRESENT	PRESENT	PRESENT			CNT PGS STB YLF
GATES CREEK	79-21	6/14/1996	PRESENT	PRESENT	PRESENT			NEW STB YLF
GATES CREEK	79-21	6/30/2000	10					PGS STB
GATES CREEK	79-21	8/23/2001	3	1				PGS PR STB
GATES CREEK	79-22	8/2/1994	1		3			NEW PGS SCP
GATES CREEK	79-22	7/17/1995	PRESENT					PGS SCP YLF
GATES CREEK	79-22	6/26/1996	PRESENT	PRESENT				PGS RSN SCP
TRIB TO GATES CREEK #1	79-32	6/30/2000	2		1			
GATES CREEK	79-23	6/26/1996	PRESENT	PRESENT				PGS RSN SCP YLF
GATES CREEK	79-23	6/30/2000	13					CNT PGS PR
GATES CREEK	79-23	8/23/2001	10	8	1			AMM PGS PR
JOHNSON CREEK	79-24	8/2/1994	12	7				PGS SCP
JOHNSON CREEK	79-24	7/17/1995	PRESENT	PRESENT				CNT PGS

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B57. Summary of site parameters within the Big River watershed, Mendocino Co., California. Refer to Maps 10-13.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
GATES CREEK	79-20	8/23/2001	E	2	104	1.0:1.5:0.0	3	1	6.8	15	7
GATES CREEK	79-21	8/2/1994	E	5	90		2	1		17	
GATES CREEK	79-21	7/17/1995	D				3	1		19	
GATES CREEK	79-21	6/14/1996	D				3	2		16	
GATES CREEK	79-21	6/30/2000	D		101	1.0:0.5:0.0	3	2	6.69	18.8	7.7
GATES CREEK	79-21	8/23/2001	E	3	101	1.0:1.1:0.0	3	1	6.41	15	7.5
GATES CREEK	79-22	8/2/1994	E	5	250		2	1		21	
GATES CREEK	79-22	7/17/1995	E	10			3	1		17	
GATES CREEK	79-22	6/26/1996	E	7			3	2		15.5	
TRIB TO GATES CREEK #1	79-32	6/30/2000	E	3	117	1.0:1.0:0.0	3	2	8.74	17.5	8
GATES CREEK	79-23	6/26/1996	E	4						15.5	
GATES CREEK	79-23	6/30/2000	E	6	96	1.0:2.4:0.0	3	2	8.78	17.3	7.9
GATES CREEK	79-23	8/23/2001	E	3	124	1.0:1.1:0.0	3	1	6.73	15.2	7.5
JOHNSON CREEK	79-24	8/2/1994	E	5	65		2	1		19	
JOHNSON CREEK	79-24	7/17/1995	D				3	1		18.5	

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A58. Summary of results for aquatic species surveys within the Big River watershed, Mendocino Co., California. Refer to Maps 10-13.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
JOHNSON CREEK	79-24	6/14/1996	PRESENT	PRESENT	PRESENT			PGS SCP
JOHNSON CREEK	79-24	8/22/2001	1	2				PGS SCP
JOHNSON CREEK	79-25	8/2/1994						NEW PGS
JOHNSON CREEK	79-25	7/17/1995						PGS
JOHNSON CREEK	79-25	6/26/1996						CNT PGS
JOHNSON CREEK	79-25	7/4/2000						PGS SCP
JOHNSON CREEK	79-25	8/24/2001		1				PR
DAUGHERTY CREEK	79-26	7/11/1994	20	2				PGS SCP STB
DAUGHERTY CREEK	79-26	6/15/1995	PRESENT	PRESENT				STB
DAUGHERTY CREEK	79-26	6/14/1996	PRESENT	PRESENT	PRESENT	PRESENT	PRESENT	NEW STB
DAUGHERTY CREEK	79-26	7/4/2000	7	2	1			PGS
DAUGHERTY CREEK	79-26	8/23/2001	3	3				PR STB
SNUFFINS CREEK	79-27	7/11/1994	1	6				PGS SCP
SNUFFINS CREEK	79-27	7/17/1995	PRESENT	PRESENT				SCP
SNUFFINS CREEK	79-27	6/26/1996	PRESENT	PRESENT				PGS SCP

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B58. Summary of site parameters within the Big River watershed, Mendocino Co., California. Refer to Maps 10-13.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
JOHNSON CREEK	79-24	6/14/1996	D				3	2		15.5	
JOHNSON CREEK	79-24	6/30/2000	E		97	1.0:0.8:0.0	3	1	7.92	17.7	7.4
JOHNSON CREEK	79-24	8/22/2001	E	1	136	1.0:3.1:0.0	3	1	6.4	14.7	7.3
JOHNSON CREEK	79-25	8/2/1994	E	5	125		2	1		18	
JOHNSON CREEK	79-25	7/17/1995	E	2			3	1		17	
JOHNSON CREEK	79-25	6/26/1996	E	4						14.5	
JOHNSON CREEK	79-25	7/4/2000	E	3	97	1.0:2.2:0.0	3	1	8.28	14.6	8
JOHNSON CREEK	79-25	8/24/2001	E	3	91	1.0:1.3:0.0	3	0	8.25	14.7	7.1
DAUGHERTY CREEK	79-26	7/11/1994	E	5	53		2	1		22.5	
DAUGHERTY CREEK	79-26	6/15/1995	D				3	3		13.5	
DAUGHERTY CREEK	79-26	6/14/1996	D				3	3		18	
DAUGHERTY CREEK	79-26	7/4/2000	E	4	98	1.0:0.5:0.0	3	2	8.75	17.9	7.7
DAUGHERTY CREEK	79-26	8/23/2001	E	4	119	1.0:0.4:0.0	3	2	8.6	15.5	7.3
SNUFFINS CREEK	79-27	7/11/1994	E	5	80		2	1		17	
SNUFFINS CREEK	79-27	7/17/1995	D				3	1		18	

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A59. Summary of results for aquatic species surveys within the Big River watershed, Mendocino Co., California. Refer to Maps 10-13.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
SNUFFINS CREEK	79-27	7/4/2000			1			SCP
SNUFFINS CREEK	79-27	8/24/2001	2	4				PGS PR YLF
SNUFFINS CREEK	79-28	7/11/1994						NEW PGS
SNUFFINS CREEK	79-28	7/18/1995						PGS SCP
SNUFFINS CREEK	79-28	6/26/1996	PRESENT					SCP
SNUFFINS CREEK	79-28	7/4/2000			2			PGS
SNUFFINS CREEK	79-28	8/24/2001	2					PGS
DAUGHERTY CREEK	79-29	7/11/1994	12	5				PGS SCP
DAUGHERTY CREEK	79-29	6/15/1995	PRESENT	PRESENT				SCP
DAUGHERTY CREEK	79-29	6/26/1996	PRESENT	PRESENT	PRESENT			PGS SCP YLF
DAUGHERTY CREEK	79-29	7/4/2000	16	2	1			PGS SCP
DAUGHERTY CREEK	79-30	6/26/1996	PRESENT	PRESENT				PGS
DAUGHERTY CREEK	79-30	7/4/2000	7	3				PGS
DAUGHERTY CREEK	79-30	9/17/2001	2	1				PR

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B59. Summary of site parameters within the Big River watershed, Mendocino Co., California. Refer to Maps 10-13.

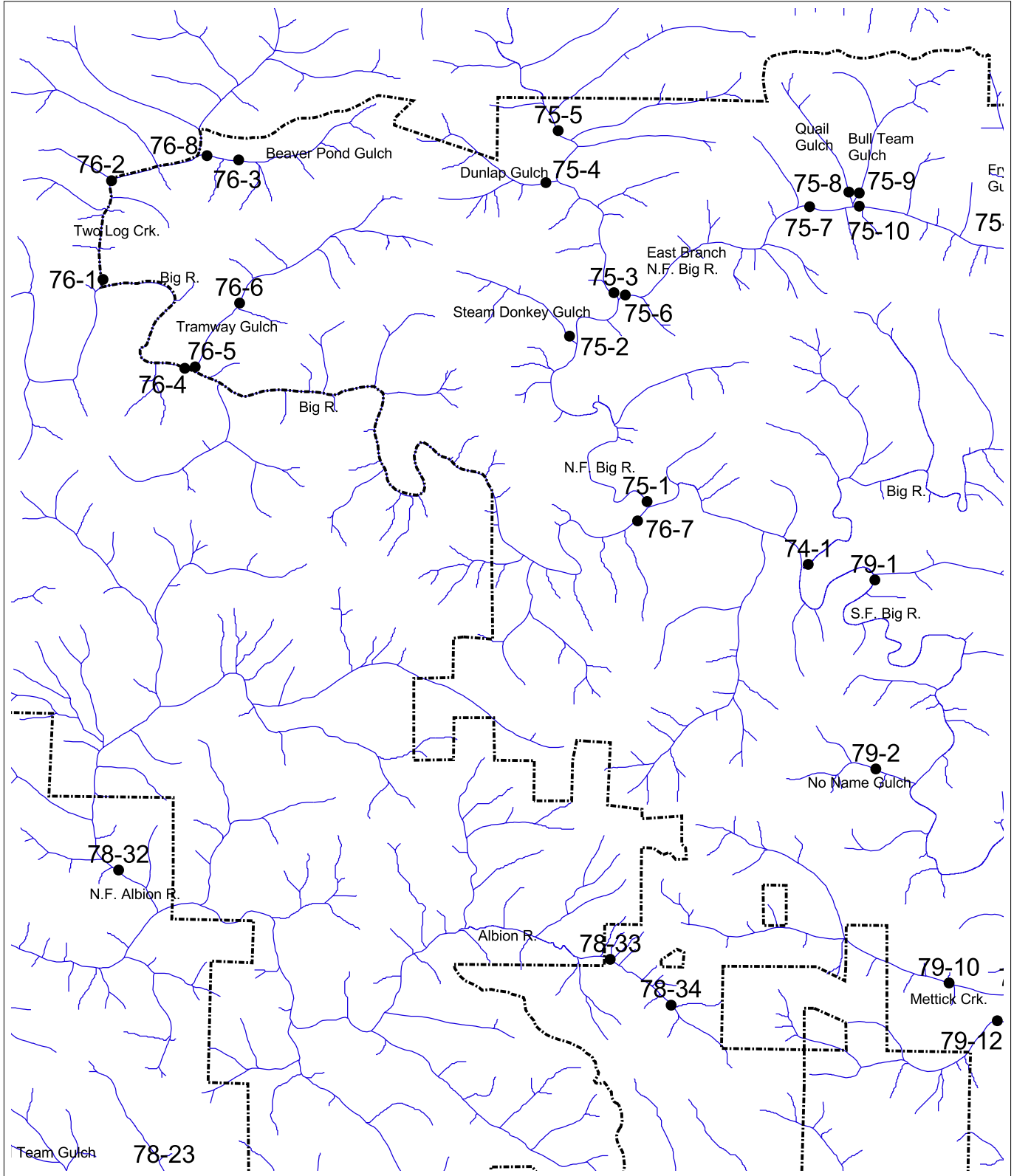
Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
SNUFFINS CREEK	79-27	6/26/1996	E	2			3	1		14	
SNUFFINS CREEK	79-27	7/4/2000	E	3	120	1.0:0.4:0.7	3	1	8.37	17.5	7.8
SNUFFINS CREEK	79-27	8/24/2001	E	2	110	1.0:1.2:0.0	3	1	7.05	16.8	7.5
SNUFFINS CREEK	79-28	7/11/1994	E	2	200		2	0		16	
SNUFFINS CREEK	79-28	7/18/1995	E	3			2	1		15	
SNUFFINS CREEK	79-28	6/26/1996	E	5			3	1		13	
SNUFFINS CREEK	79-28	7/4/2000	E	3	129	1.0:0.8:0.4	3	1	8.46	14.6	7.8
SNUFFINS CREEK	79-28	8/24/2001	E	1	108	1.0:3.9:0.0	3	0	2.25	15.1	6.6
DAUGHERTY CREEK	79-29	7/11/1994	E	5	100		2	1		16.5	
DAUGHERTY CREEK	79-29	6/15/1995	D				3	2		12.5	
DAUGHERTY CREEK	79-29	6/26/1996	E	6			3	2		14	
DAUGHERTY CREEK	79-29	7/4/2000	E	5	105	1.0:0.8:0.0	2	2	9.45	13.3	7.7
DAUGHERTY CREEK	79-30	6/26/1996	E	2			3	2		14	
DAUGHERTY CREEK	79-30	7/4/2000	E	3	97	1.0:0.5:1.2	3	2	9.15	11.7	7.6
DAUGHERTY CREEK	79-30	9/17/2001	E	2	93	1.0:1.6:0.0	3	1	8	12.4	6.8

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

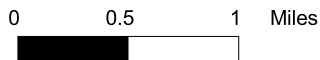
*Blank spaces indicate that no data was collected.

Map 10: Two Log Creek

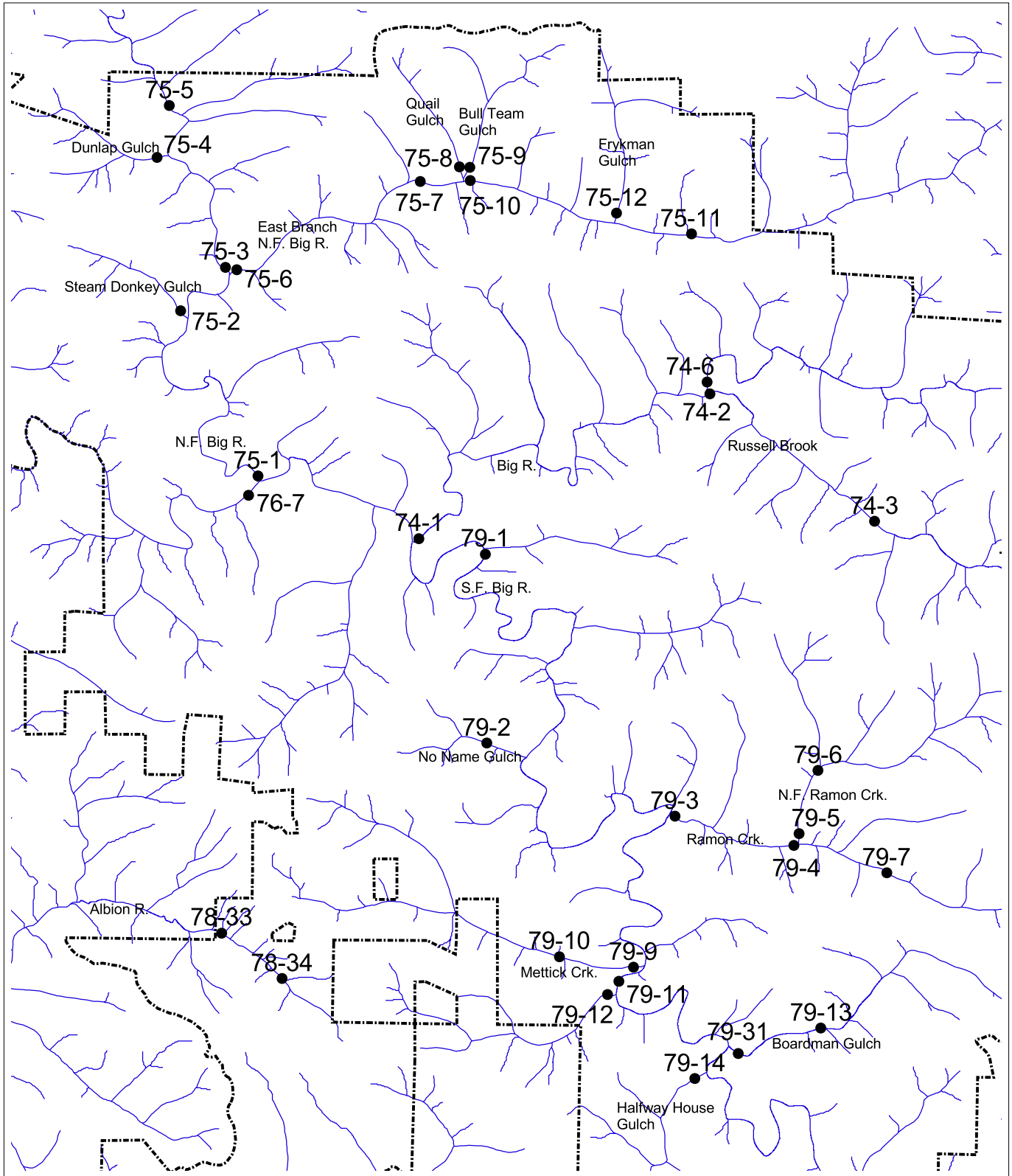


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Mendocino Redwood Company, LLC



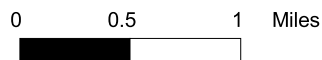
Map 11: North Fork Big River



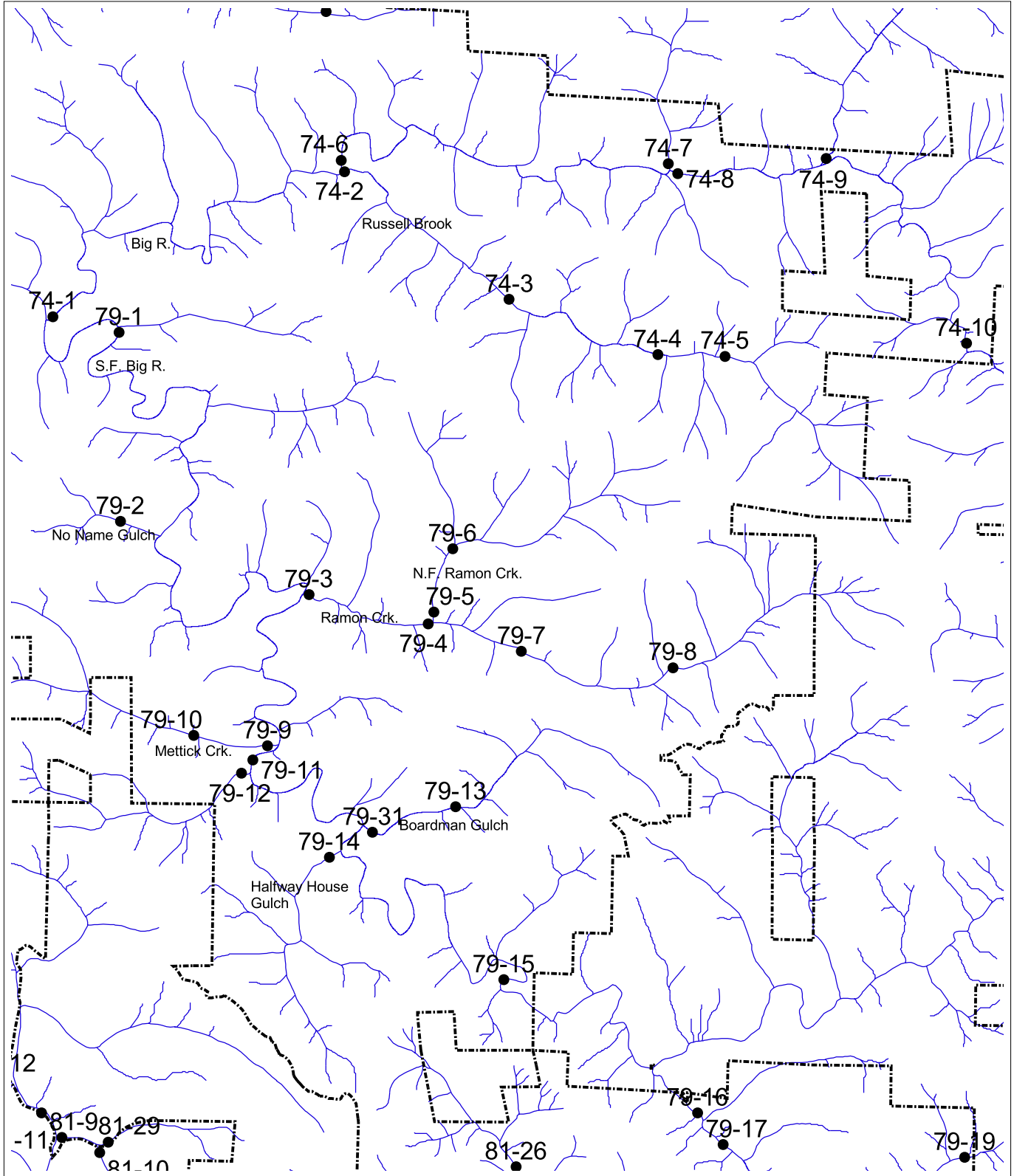
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Mendocino Redwood Company, LLC

- Site ID
- MRC Ownership
- Watercourse



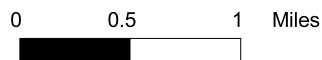
Map 12: Russel Brook and Ramon Creek



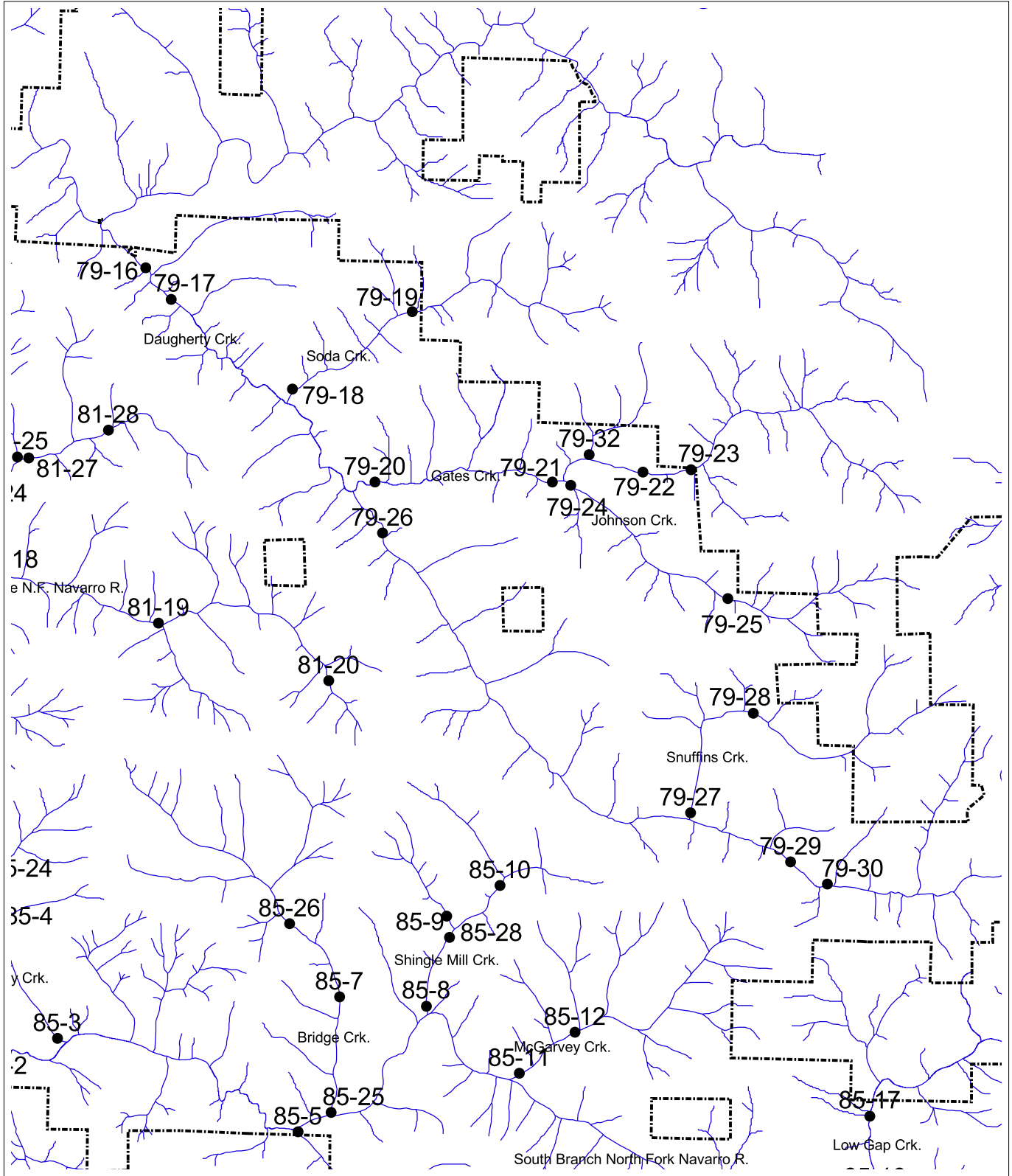
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Mendocino Redwood Company, LLC

- Site ID
- MRC Ownership
- Watercourse

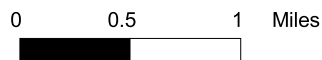


Map 13: Daugherty Creek



1:55000

Mendocino Redwood Company, LLC



Appendix 3: UTM coordinates and latitude / longitude of sites within the Big River Inventory Block.

Basin	Site ID	Easting Coordinate	Northing Coordinate	Latitude	Longitude
Big River	74-01	454126	4349548	39.295971	-123.531982
	74-02	457000	4350976	39.308987	-123.498749
	74-03	458622	4349718	39.297729	-123.479858
	74-04	460088	4349174	39.292896	-123.462822
	74-05	460748	4349157	39.292774	-123.45517
	74-06	456968	4351090	39.310013	-123.499123
	74-07	460191	4351056	39.30986	-123.461739
	74-08	460285	4350960	39.308998	-123.460648
	74-09	461746	4351108	39.310398	-123.44371
	74-10	463129	4349284	39.294022	-123.427567
	75-01	452535	4350166	39.301456	-123.550476
	75-02	451774	4351795	39.31609	-123.559418
	75-03	452213	4352225	39.319988	-123.554352
	75-04	451663	4353323	39.329853	-123.560814
	75-05	451663	4353820	39.334332	-123.560852
	75-06	452325	4352200	39.319771	-123.553055
	75-07	454139	4353072	39.327724	-123.532074
	75-08	454525	4353218	39.329063	-123.527603
	75-09	454628	4353209	39.328987	-123.526405
	75-10	454630	4353079	39.327816	-123.526375
	75-11	456818	4352553	39.323189	-123.500961
	75-12	456064	4352685	39.324337	-123.509712
	76-01	447176	4352354	39.320858	-123.612793
	76-02	447261	4353330	39.329659	-123.611885
	76-03	448512	4353534	39.331573	-123.597389
	76-04	447981	4351482	39.313049	-123.603386
	76-05	448087	4351495	39.313175	-123.602158
	76-06	448523	4352122	39.318851	-123.597153
	76-07	452444	4349977	39.299747	-123.551514
	76-08	448200	4353578	39.331951	-123.601013
	79-01	454780	4349394	39.294617	-123.524384
	79-02	454793	4347530	39.277824	-123.524109
	79-03	456651	4346809	39.27142	-123.502525
	79-04	457825	4346520	39.268875	-123.488899
	79-05	457879	4346635	39.269913	-123.488281
	79-06	458065	4347259	39.275547	-123.48616
	79-07	458743	4346250	39.266487	-123.478241
	79-08	460236	4346089	39.265106	-123.460922
	79-09	456241	4345319	39.257977	-123.507179
	79-10	455514	4345422	39.258865	-123.51561
79-11	456098	4345178	39.256699	-123.508827	
79-12	455986	4345048	39.25552	-123.510117	
79-13	458094	4344717	39.252644	-123.485664	
79-14	456850	4344218	39.248085	-123.500053	
79-15	458571	4343014	39.23732	-123.480034	
79-16	460479	4341698	39.225552	-123.457848	
79-17	460732	4341387	39.222759	-123.454903	
79-18	461882	4340398	39.213898	-123.441521	
79-19	463111	4341262	39.221737	-123.427338	
79-20	462740	4339581	39.206573	-123.431541	

Appendix 3: UTM coordinates and latitude / longitude of sites within the Big River Inventory Block.

Basin	Site ID	Easting Coordinate	Northing Coordinate	Latitude	Longitude
Big River	79-21	464492	4339581	39.206646	-123.411247
	79-22	465387	4339683	39.207603	-123.400887
	79-23	465863	4339706	39.207829	-123.395378
	79-24	464673	4339548	39.206356	-123.409149
	79-25	466224	4338431	39.196354	-123.391136
	79-26	462816	4339080	39.202061	-123.430634
	79-27	465857	4336318	39.177299	-123.395279
	79-28	466477	4337303	39.186199	-123.388145
	79-29	466844	4335833	39.172966	-123.383827
	79-30	467208	4335614	39.171009	-123.379601
	79-31	457277	4344466	39.25034	-123.495117
	79-32	464858	4339855	39.209129	-123.407028

Table A60. Summary of results for aquatic species surveys within the Buckhorn Creek watershed, Mendocino Co., California. Refer to Map 14.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
TRIB TO BUCKHORN CREEK #1	78-01	7/15/1996	PRESENT	PRESENT				PGS
TRIB TO BUCKHORN CREEK #1	78-01	8/21/2000	4					PGS
TRIB TO BUCKHORN CREEK #1	78-01	7/30/2001	2					PGS
BUCKHORN CREEK	78-35	8/21/2000						PGS
BUCKHORN CREEK	78-35	7/30/2001	1					PGS

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B60. Summary of site parameters within the Buckhorn Creek watershed, Mendocino Co., California. Refer to Map 14.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
TRIB TO BUCKHORN CREEK #1	78-01	7/15/1996	E	5			2	1		13.5	
TRIB TO BUCKHORN CREEK #1	78-01	8/21/2000	E	1	127	1.0:0.9:0.0	3	1	7	13	6.3
TRIB TO BUCKHORN CREEK #1	78-01	7/30/2001	E	4	105	1.0:0.8:0.0	3	1	7.9	12.5	6.6
BUCKHORN CREEK	78-35	8/21/2000	E	2	114	1.0:1.7:0.0	1	1	7.5	13	6.4
BUCKHORN CREEK	78-35	7/30/2001	E	2	138	1.0:1.6:0.0	3	1	9.2	11.8	6.8

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A61. Summary of results for aquatic species surveys within the Albion River watershed, Mendocino Co., California. Refer to Maps 14-16.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
DEADMAN GULCH	78-02	7/15/1996						PGS
DEADMAN GULCH	78-02	7/24/2000				6	1	PR
DEADMAN GULCH	78-02	7/31/2001				1		PR
DEADMAN GULCH	78-38	7/31/2001						PGS
RAILROAD GULCH	78-03	7/25/1994	3	2				PGS
RAILROAD GULCH	78-03	8/1/1995	PRESENT			PRESENT		PGS SCP STB
RAILROAD GULCH	78-03	7/16/1996	PRESENT	PRESENT	PRESENT	PRESENT		SCP STB
RAILROAD GULCH	78-03	7/24/2000	1			6	2	SCP
RAILROAD GULCH	78-03	7/31/2001	25			31		STB
TRIB TO RAILROAD GULCH #1	78-04	8/2/1995	PRESENT	PRESENT	PRESENT			PGS
TRIB TO RAILROAD GULCH #1	78-04	7/13/1996				PRESENT		
TRIB TO RAILROAD GULCH #1	78-04	7/13/2000	2			4		PGS
TRIB TO RAILROAD GULCH #1	78-04	8/1/2001	1	2				PGS PR
RAILROAD GULCH	78-05	8/2/1995	PRESENT	PRESENT	PRESENT	PRESENT	PRESENT	
RAILROAD GULCH	78-05	7/13/1996	PRESENT			PRESENT		

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B61. Summary of site parameters within the Albion River watershed, Mendocino Co., California. Refer to Maps 14-16.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
DEADMAN GULCH	78-02	7/15/1996	E	7			3	2		13	
DEADMAN GULCH	78-02	7/24/2000	E	1	93	1.0:2.2:0.0	1	1	9.9	12	5.9
DEADMAN GULCH	78-02	7/31/2001	E	2	71	1.0:1.5:0.0	3	1	8.32	12.3	5.9
DEADMAN GULCH	78-38	7/31/2001	E	2	100	1.0:2.8:0.0	3	1	10.17	12.5	6.5
RAILROAD GULCH	78-03	7/25/1994	E	5	80		2	1		13	
RAILROAD GULCH	78-03	8/1/1995	E	10			2	1		14.5	
RAILROAD GULCH	78-03	7/16/1996	E	11			2	2		14	
RAILROAD GULCH	78-03	7/24/2000	E	1	116	1.0:0.6:0.0	3	1	10.3	14	6.8
RAILROAD GULCH	78-03	7/31/2001	V		100	1.0:0.0:0.0	3	1	5.94	20	6.9
TRIB TO RAILROAD GULCH #1	78-04	8/2/1995	D				2	1		13.5	
TRIB TO RAILROAD GULCH #1	78-04	7/13/1996	D				3	2		12	
TRIB TO RAILROAD GULCH #1	78-04	7/13/2000	D		104	1.0:0.9:0.0	3	1		12.4	7.5
TRIB TO RAILROAD GULCH #1	78-04	8/1/2001	E	2	93	1.0:0.7:0.0	3	1	10.82	12.2	6.6
RAILROAD GULCH	78-05	8/2/1995	D				3	1		15	
RAILROAD GULCH	78-05	7/13/1996	D				3	2		13	

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A62. Summary of results for aquatic species surveys within the Albion River watershed, Mendocino Co., California. Refer to Maps 14-16.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
RAILROAD GULCH	78-05	7/13/2000	2			3		
RAILROAD GULCH	78-05	8/1/2001	3	1		1		PR
RAILROAD GULCH	78-06	7/13/1996	PRESENT	PRESENT		PRESENT	PRESENT	
RAILROAD GULCH	78-06	7/13/2000						PGS
RAILROAD GULCH	78-06	8/1/2001	3					PGS
TRIB TO RAILROAD GULCH #2	78-07	7/13/1996						
TRIB TO RAILROAD GULCH #2	78-07	7/13/2000	4			3		PGS
TRIB TO RAILROAD GULCH #2	78-07	8/1/2001	3					
PLEASANT VALLEY CREEK	78-08	7/25/1994		4				PGS
PLEASANT VALLEY CREEK	78-08	8/1/1995	PRESENT			PRESENT		PGS
PLEASANT VALLEY CREEK	78-08	7/16/1996	PRESENT	PRESENT				PGS SCP
PLEASANT VALLEY CREEK	78-08	7/24/2000				3		
PLEASANT VALLEY CREEK	78-08	7/31/2001				2		STB
PLEASANT VALLEY CREEK	78-09	7/16/1996	PRESENT	PRESENT				
PLEASANT VALLEY CREEK	78-09	7/24/2000				1		PR STB

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B62. Summary of site parameters within the Albion River watershed, Mendocino Co., California. Refer to Maps 14-16.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
RAILROAD GULCH	78-05	7/13/2000	D		140	1.0:0.2:0.0	3	1	9.99	12.7	7.6
RAILROAD GULCH	78-05	8/1/2001	E	2	122	1.0:0.3:0.0	3	1	10.02	12	6.8
RAILROAD GULCH	78-06	7/13/1996	D				3	1		12.5	
RAILROAD GULCH	78-06	7/13/2000	D		88	1.0:0.7:0.0	3	1	9.35	12.7	7.3
RAILROAD GULCH	78-06	8/1/2001	E	2	79	1.0:1.1:0.0	3	1	7.95	12.5	6.7
TRIB TO RAILROAD GULCH #2	78-07	7/13/1996	V	5			3	1		12.5	
TRIB TO RAILROAD GULCH #2	78-07	7/13/2000	D		87	1.0:1.2:0.5	3	1	9.19	13	7.6
TRIB TO RAILROAD GULCH #2	78-07	8/1/2001	E	2	92	1.0:0.8:0.0	3	1	7.3	13.2	7.1
PLEASANT VALLEY CREEK	78-08	7/25/1994	E	5	75		2	1		14	
PLEASANT VALLEY CREEK	78-08	8/1/1995	E	4			2	1		15	
PLEASANT VALLEY CREEK	78-08	7/16/1996	E	10			3	1		13.5	
PLEASANT VALLEY CREEK	78-08	7/24/2000	E	1	103	1.0:0.6:0.0	3	1	7.6	15	6.9
PLEASANT VALLEY CREEK	78-08	7/31/2001	V		100	1.0:0.0:0.0	2	1	6.69	15	6.9
PLEASANT VALLEY CREEK	78-09	7/16/1996	E	8			3	1		13.5	
PLEASANT VALLEY CREEK	78-09	7/24/2000	E	2	108	1.0:0.4:0.0	2	1	7	14	7

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A63. Summary of results for aquatic species surveys within the Albion River watershed, Mendocino Co., California. Refer to Maps 14-16.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
SLAUGHTERHOUSE GULCH	78-10	7/15/1996		PRESENT	PRESENT	PRESENT		PGS
SLAUGHTERHOUSE GULCH	78-10	7/24/2000		1				PGS
SLAUGHTERHOUSE GULCH	78-10	7/31/2001						PGS
DUCKPOND GULCH	78-11	7/15/1996				PRESENT		PGS
DUCKPOND GULCH	78-11	7/24/2000					1	STB
ALBION RIVER	78-12	7/25/1994	6	4		1	2	SCP STB
ALBION RIVER	78-12	8/1/1995	PRESENT			PRESENT		SCP STB
ALBION RIVER	78-12	7/15/1996	PRESENT	PRESENT	PRESENT	PRESENT		SCP STB
ALBION RIVER	78-12	7/24/2000	4	1		3		SCP STB
ALBION RIVER	78-12	7/31/2001	2			3		STB
TRIB TO ALBION RIVER #1	78-39	7/31/2001	1	1				PGS STB
ALBION RIVER	78-13	7/25/1994	4	1			1	PGS STB
ALBION RIVER	78-13	6/8/1995	PRESENT	PRESENT	PRESENT	PRESENT		STB
ALBION RIVER	78-13	6/5/1996	PRESENT	PRESENT		PRESENT		PGS STB
ALBION RIVER	78-13	8/21/2000	1	1	1	16	2	SCP

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B63. Summary of site parameters within the Albion River watershed, Mendocino Co., California. Refer to Maps 14-16.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
SLAUGHTERHOUSE GULCH	78-10	7/15/1996	E	6			2	1		13.5	
SLAUGHTERHOUSE GULCH	78-10	7/24/2000	E	3	68	1.0:0.2:0.1	3	1	9.3	12	6.2
SLAUGHTERHOUSE GULCH	78-10	7/31/2001	E	3	109	1.0:0.0:0.0	3	1	8.55	12.3	6
DUCKPOND GULCH	78-11	7/15/1996	E	6			2	1		14	
DUCKPOND GULCH	78-11	7/24/2000	E	2	93	1.0:0.0:0.2	3	1	8.9	13	7
ALBION RIVER	78-12	7/25/1994	E	5	50		2	1		15	
ALBION RIVER	78-12	8/1/1995	E	8			2	2		17	
ALBION RIVER	78-12	7/15/1996	E	11			1	2		15.5	
ALBION RIVER	78-12	7/24/2000	E	2	143	1.0:0.0:0.5	3	1	7	16	7.4
ALBION RIVER	78-12	7/31/2001	V		100	1.0:0.0:0.0	2	2	5.15	18	6.8
TRIB TO ALBION RIVER #1	78-39	7/31/2001	E	2	108	1.0:0.1:0.0	3	1		14.6	7.5
ALBION RIVER	78-13	7/25/1994	E	5	65		3	1		16	
ALBION RIVER	78-13	6/8/1995	D				3	3		14	
ALBION RIVER	78-13	6/5/1996	D				3	3		15.5	
ALBION RIVER	78-13	8/21/2000	E	3	274	1.0:0.1:0.0	3	1	8.1	16	7.1

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A64. Summary of results for aquatic species surveys within the Albion River watershed, Mendocino Co., California. Refer to Maps 14-16.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
ALBION RIVER	78-14	7/25/1994	25	2				CRY PGS SCP STB
ALBION RIVER	78-14	6/8/1995	PRESENT	PRESENT	PRESENT	PRESENT		PGS STB
ALBION RIVER	78-14	6/5/1996	PRESENT			PRESENT		BLF CRY PGS STB
ALBION RIVER	78-14	7/25/2000	5			3		PGS SCP
ALBION RIVER	78-14	7/26/2001	3			8		
SF ALBION RIVER	78-15	7/25/1994	6	3		3	2	PGS SCP
SF ALBION RIVER	78-15	6/8/1995	PRESENT			PRESENT		PGS SCP STB
SF ALBION RIVER	78-15	6/5/1996	PRESENT			PRESENT		SCP STB
SF ALBION RIVER	78-15	7/25/2000	6	1		8	1	PGS
SF ALBION RIVER	78-15	8/10/2001	20			9		PR STB
NORDEN GULCH	78-37	7/27/2000		1				PGS
NORDEN GULCH	78-37	7/26/2001			1			PGS
SF ALBION RIVER	78-16	7/26/1994	35	10	3		6	PGS STB
SF ALBION RIVER	78-16	6/20/1995	PRESENT	PRESENT	PRESENT	PRESENT		PGS STB
SF ALBION RIVER	78-16	6/10/1996	PRESENT	PRESENT	PRESENT	PRESENT		PGS RSN STB

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B64. Summary of site parameters within the Albion River watershed, Mendocino Co., California. Refer to Maps 14-16.

Stream Name	SITE ID	DATE	METHOD e=electrofishing d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
ALBION RIVER	78-14	7/25/1994	E	5	105		3	1		17	
ALBION RIVER	78-14	6/8/1995	D				3	3		14	
ALBION RIVER	78-14	6/5/1996	D				3	3		15	
ALBION RIVER	78-14	7/25/2000	E	3	124	1.0:0.5:0.0	3	1	7.2	15	7.3
ALBION RIVER	78-14	7/26/2001	D		123	1.0:0.0:0.0	3	2	6.63	15.2	7.4
SF ALBION RIVER	78-15	7/25/1994	E	5	90		3	0		17	
SF ALBION RIVER	78-15	6/8/1995	D				3	2		14	
SF ALBION RIVER	78-15	6/5/1996	D				3	2		15	
SF ALBION RIVER	78-15	7/25/2000	E	6	226	1.0:0.7:0.0	3	1	7	15	7.5
SF ALBION RIVER	78-15	8/10/2001	D		104	1.0:0.0:0.0	3	0	6.94	15.1	7.2
NORDEN GULCH	78-37	7/27/2000	E	3	137	1.0:1.3:0.3	3	1	8	18	7.9
NORDEN GULCH	78-37	7/26/2001	E	2	99	1.0:0.7:0.0	3	1	6.36	13.6	7.4
SF ALBION RIVER	78-16	7/26/1994	E	5	65		3	1		15	
SF ALBION RIVER	78-16	6/20/1995	D				2	3		13.5	
SF ALBION RIVER	78-16	6/10/1996	D				3	2		13	

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A65. Summary of results for aquatic species surveys within the Albion River watershed, Mendocino Co., California. Refer to Maps 14-16.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
SF ALBION RIVER	78-16	7/26/2000	7			12		STB
SF ALBION RIVER	78-16	7/26/2001	1			3	2	STB
LITTLE NF ALBION RIVER	78-17	7/26/1994	12					PGS
LITTLE NF ALBION RIVER	78-17	8/1/1995						
LITTLE NF ALBION RIVER	78-17	7/12/1996	PRESENT			PRESENT		PGS
LITTLE NF ALBION RIVER	78-17	7/26/2000	10	2		5		PGS
TRIB TO SF ALBION RIVER #1	78-18	7/12/1996		PRESENT				
TRIB TO SF ALBION RIVER #1	78-18	7/27/2000						PGS
SF ALBION RIVER	78-19	6/26/1994	5	2	1	3	11	CRY PGS STB
SF ALBION RIVER	78-19	8/1/1995	PRESENT		PRESENT			STB
SF ALBION RIVER	78-19	7/12/1996	PRESENT		PRESENT	PRESENT		PGS
SF ALBION RIVER	78-19	7/26/2000	9	1		9	1	PGS
SF ALBION RIVER	78-19	7/26/2001		1		6	2	PGS STB
BULL TEAM GULCH	78-20	7/12/1996	PRESENT	PRESENT	PRESENT			PGS
BULL TEAM GULCH	78-20	7/27/2000		3		3		CRY PGS

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B65. Summary of site parameters within the Albion River watershed, Mendocino Co., California. Refer to Maps 14-16.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
SF ALBION RIVER	78-16	7/26/2000	E	4	117	1.0:1.1:0.0	2	1	6.4	15	6.9
SF ALBION RIVER	78-16	7/26/2001	E	2	122	1.0:0.3:0.0	3	2	4.9	14	6.9
LITTLE NF ALBION RIVER	78-17	7/26/1994	E	5	30		3	0		13.5	
LITTLE NF ALBION RIVER	78-17	8/1/1995									
LITTLE NF ALBION RIVER	78-17	7/12/1996	E	2			3	0		14	
LITTLE NF ALBION RIVER	78-17	7/26/2000	E	2	98	1.0:1.0:0.0	3	1	7.8	15	7.5
TRIB TO SF ALBION RIVER #1	78-18	7/12/1996	E	3			2	1		14	
TRIB TO SF ALBION RIVER #1	78-18	7/27/2000	E	2	126	1.0:0.3:0.2	3	1	7.2	13	7.6
SF ALBION RIVER	78-19	6/26/1994	E	5	135		3	1		14	
SF ALBION RIVER	78-19	8/1/1995	E	10			2	1		17	
SF ALBION RIVER	78-19	7/12/1996	E				3	1		15	
SF ALBION RIVER	78-19	7/26/2000	E	2	114	1.0:0.4:0.0	3	1	7.1	15	7.1
SF ALBION RIVER	78-19	7/26/2001	E	2	97	1.0:0.4:1.5	3	2	4.62	13.3	6.7
BULL TEAM GULCH	78-20	7/12/1996	E	6			2	1		14.5	
BULL TEAM GULCH	78-20	7/27/2000	E	2	89	1.0:0.3:0.0	3	1	7.6	15	7.6

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A66. Summary of results for aquatic species surveys within the Albion River watershed, Mendocino Co., California. Refer to Maps 14-16.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
BULL TEAM GULCH	78-20	7/26/2001		1	3			PGS
SF ALBION RIVER	78-21	7/12/1996	PRESENT	PRESENT				PGS
SF ALBION RIVER	78-21	7/27/2000		2				
SF ALBION RIVER	78-21	7/26/2001		2				
WINERY GULCH	78-22	7/12/1996	PRESENT	PRESENT				CRY PGS
WINERY GULCH	78-22	7/27/2000	10					CRY
WINERY GULCH	78-22	7/26/2001		1				CRY PGS
WINERY GULCH	78-23	7/12/1996	PRESENT	PRESENT				PGS
WINERY GULCH	78-23	7/27/2000						
ALBION RIVER	78-24	7/25/1994	9	5			2	CRY SCP STB
ALBION RIVER	78-24	6/8/1995	PRESENT	PRESENT		PRESENT		STB
ALBION RIVER	78-24	6/5/1996	PRESENT			PRESENT		BLF CRY STB
ALBION RIVER	78-24	8/10/2001	50	3		21		CRY PR STB
KAISON GULCH	78-25	8/26/1996	PRESENT	PRESENT				PGS
KAISON GULCH	78-25	7/25/2000	1					PGS RLF

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B66. Summary of site parameters within the Albion River watershed, Mendocino Co., California. Refer to Maps 14-16.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
BULL TEAM GULCH	78-20	7/26/2001	E	3	112	1.0:0.5:0.0	3	0	5.8	13.1	6.9
SF ALBION RIVER	78-21	7/12/1996	E	5			2	1		13.5	
SF ALBION RIVER	78-21	7/27/2000	E	4	188	1.0:0.2:0.0	1	1	6.73	13	7.6
SF ALBION RIVER	78-21	7/26/2001	E	2	66	1.0:0.0:0.0	3	1	7.6	12.7	7.2
WINERY GULCH	78-22	7/12/1996	E	6			2	1		13	
WINERY GULCH	78-22	7/27/2000	E	2	81	1.0:0.4:0.3	3	1	7.3	14	7.6
WINERY GULCH	78-22	7/26/2001	E	4	115	1.0:0.4:0.0	3	1	8.3	12.9	6.9
WINERY GULCH	78-23	7/12/1996	E	8						13	
WINERY GULCH	78-23	7/27/2000	E	1	126	1.0:0.7:0.0	3	1	8.2	13	7.9
ALBION RIVER	78-24	7/25/1994	E	5	100		3	1		17	
ALBION RIVER	78-24	6/8/1995	D				3	3		14	
ALBION RIVER	78-24	6/5/1996	D				3	2		17	
ALBION RIVER	78-24	8/10/2001	D		102	1.0:0.0:0.0	3	2	5	15.6	7.3
KAISON GULCH	78-25	8/26/1996	E	3			3	1		12.5	
KAISON GULCH	78-25	7/25/2000	E	2	103	1.0:2.3:0.0	3	1	7.9	13	7.1

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A67. Summary of results for aquatic species surveys within the Albion River watershed, Mendocino Co., California. Refer to Maps 14-16.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
KAISON GULCH	78-25	7/27/2001						PGS
KAISON GULCH	78-36	9/20/2000						PGS
EAST RAILROAD GULCH	78-26	7/26/1994		1				PGS
EAST RAILROAD GULCH	78-26	8/1/1995						PGS
EAST RAILROAD GULCH	78-26	7/12/1996		PRESENT		PRESENT		PGS
EAST RAILROAD GULCH	78-26	7/25/2000				8	2	PGS
EAST RAILROAD GULCH	78-26	7/25/2001				7		PGS
EAST RAILROAD GULCH	78-27	7/15/1996				PRESENT		PGS
EAST RAILROAD GULCH	78-27	7/25/2000						PGS
EAST RAILROAD GULCH	78-27	7/25/2001						PGS
TOM BELL CREEK	78-28	8/2/1995	PRESENT			PRESENT		PGS
TOM BELL CREEK	78-28	7/12/1996				PRESENT		BLF
TOM BELL CREEK	78-28	7/25/2000			1			PGS
TOM BELL CREEK	78-29	7/12/1996	PRESENT	PRESENT	PRESENT			RLF
TOM BELL CREEK	78-29	7/25/2000	1	3				CRY

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B67. Summary of site parameters within the Albion River watershed, Mendocino Co., California. Refer to Maps 14-16.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
KAISON GULCH	78-25	7/27/2001	E	2	105	1.0:0.6:0.0	3	1	7.62	13.1	7.1
KAISON GULCH	78-36	9/20/2000	E	4	100	1.0:1.1:0.0	3	1	5.7	14	7
EAST RAILROAD GULCH	78-26	7/26/1994	E	5	75		3	1		15.5	
EAST RAILROAD GULCH	78-26	8/1/1995	E	5			2	1		17	
EAST RAILROAD GULCH	78-26	7/12/1996	E	7			2	3		15	
EAST RAILROAD GULCH	78-26	7/25/2000	E	2	115	1.0:0.2:0.0	3	1	7	14	6.8
EAST RAILROAD GULCH	78-26	7/25/2001	E	2	108	1.0:0.5:0.0	3	1	6.9	13.7	7.2
EAST RAILROAD GULCH	78-27	7/15/1996	E	9			3	1		13	
EAST RAILROAD GULCH	78-27	7/25/2000	E	4	104	1.0:0.8:0.0	3	1	6.9	14	6.6
EAST RAILROAD GULCH	78-27	7/25/2001	E	3	100	1.0:0.0:0.3	3	0	5.2	12.7	6.2
TOM BELL CREEK	78-28	8/2/1995	E	4			1	0		15.5	
TOM BELL CREEK	78-28	7/12/1996	E	6			2	1		15	
TOM BELL CREEK	78-28	7/25/2000	E	5	96	1.0:0.0:0.0	3	1	5	13	6.7
TOM BELL CREEK	78-29	7/12/1996	E	6			2	1		15.5	
TOM BELL CREEK	78-29	7/25/2000	E	4	71	1.0:0.4:0.0	3	0	7.7	14	6.3

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A68. Summary of results for aquatic species surveys within the Albion River watershed, Mendocino Co., California. Refer to Maps 14-16.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
TOM BELL CREEK	78-29	7/25/2001		1				CRY PGS
TOM BELL CREEK	78-30	8/2/1995	PRESENT	PRESENT				PGS
TOM BELL CREEK	78-30	7/25/2000	19					
TOM BELL CREEK	78-30	7/25/2001			3			
ALBION RIVER	78-31	7/26/1994	8	12	1			CRY STB
ALBION RIVER	78-31	6/7/1995	PRESENT	PRESENT		PRESENT		CRY PGS STB
ALBION RIVER	78-31	6/10/1996	PRESENT	PRESENT	PRESENT	PRESENT		BLF CRY STB
ALBION RIVER	78-31	7/25/2000	15	6		1		
ALBION RIVER	78-31	7/25/2001	5	4		1		CRY STB
NF ALBION RIVER	78-32	7/26/1994	3	1			2	STB
NF ALBION RIVER	78-32	6/7/1995	PRESENT	PRESENT	PRESENT	PRESENT		STB
NF ALBION RIVER	78-32	6/18/1996	PRESENT	PRESENT	PRESENT	PRESENT	PRESENT	STB
NF ALBION RIVER	78-32	7/26/2000	3	1		4		STB
NF ALBION RIVER	78-32	7/25/2001	3			6	1	PGS STB
ALBION RIVER	78-33	7/26/1994	1	8	3			

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B68. Summary of site parameters within the Albion River watershed, Mendocino Co., California. Refer to Maps 14-16.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
TOM BELL CREEK	78-29	7/25/2001	E	3	96	1.0:0.2:0.0	3	0	7.1	14	7.1
TOM BELL CREEK	78-30	8/2/1995	E	6			1	0		16.5	
TOM BELL CREEK	78-30	7/25/2000	E	3	123	1.0:0.6:0.0	1	1	6.5	14	6.9
TOM BELL CREEK	78-30	7/25/2001	E	3	83	1.0:0.5:0.0	3	0	6.23	14.1	6.4
ALBION RIVER	78-31	7/26/1994	E	5	145		3	1		18.5	
ALBION RIVER	78-31	6/7/1995	D				2	3		14.5	
ALBION RIVER	78-31	6/10/1996	D				3	2		13	
ALBION RIVER	78-31	7/25/2000	E	4	121	1.0:0.2:0.4	3	1	7.7	15	7.7
ALBION RIVER	78-31	7/25/2001	E	3	85	1.0:0.0:0.2	3	2	7.2	16.4	7.6
NF ALBION RIVER	78-32	7/26/1994	E	5	140		3	1		15	
NF ALBION RIVER	78-32	6/7/1995	D				2	2		13	
NF ALBION RIVER	78-32	6/18/1996	D				3	2		10.5	
NF ALBION RIVER	78-32	7/26/2000	E	4	107	1.0:0.6:0.0	3	1	7.7	14	7.2
NF ALBION RIVER	78-32	7/25/2001	E	3	107	1.0:0.3:1.0	3	1	6.13	13.5	7.2
ALBION RIVER	78-33	7/26/1994	E	5	84		2	1		16	

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A69. Summary of results for aquatic species surveys within the Albion River watershed, Mendocino Co., California. Refer to Maps 14-16.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
ALBION RIVER	78-33	8/2/1995	PRESENT	PRESENT	PRESENT			PGS YLF
ALBION RIVER	78-33	7/15/1996	PRESENT					PGS
ALBION RIVER	78-33	7/26/2000	2	1	1			PGS
ALBION RIVER	78-33	7/27/2001	1		1			PGS
ALBION RIVER	78-34	7/15/1996	PRESENT	PRESENT				YLF
ALBION RIVER	78-34	7/26/2000			1			PGS
ALBION RIVER	78-34	7/27/2001			1			PGS

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B69. Summary of site parameters within the Albion River watershed, Mendocino Co., California. Refer to Maps 14-16.

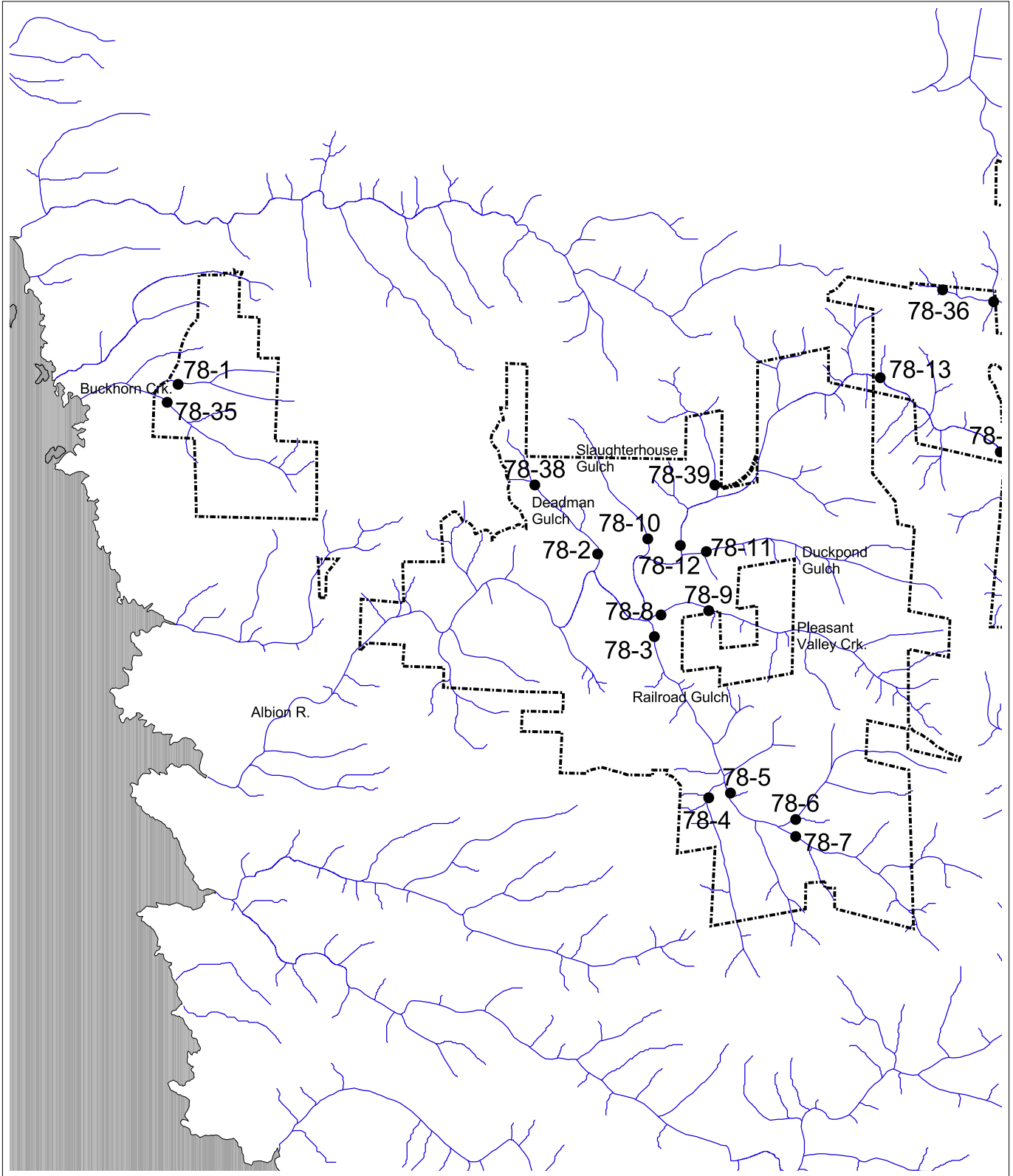
Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
ALBION RIVER	78-33	8/2/1995	E	6			2	1		15	
ALBION RIVER	78-33	7/15/1996	D				3	1		14.5	
ALBION RIVER	78-33	7/26/2000	E		83	1.0:0.7:0.0	3	1	8.9	14	7.5
ALBION RIVER	78-33	7/27/2001	E	2	109	1.0:0.8:1.2	3	1	8.3	12.2	6.6
ALBION RIVER	78-34	7/15/1996	D				2	1		14	
ALBION RIVER	78-34	7/26/2000	E	3	150	1.0:0.8:0.0	3	1	8.8	14	7.2
ALBION RIVER	78-34	7/27/2001	E	2	77	1.0:0.4:0.0	3	1	7.5	12	6.8

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

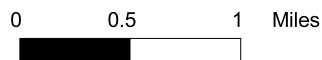
*Blank spaces indicate that no data was collected.

Map 14: Lower Albion River

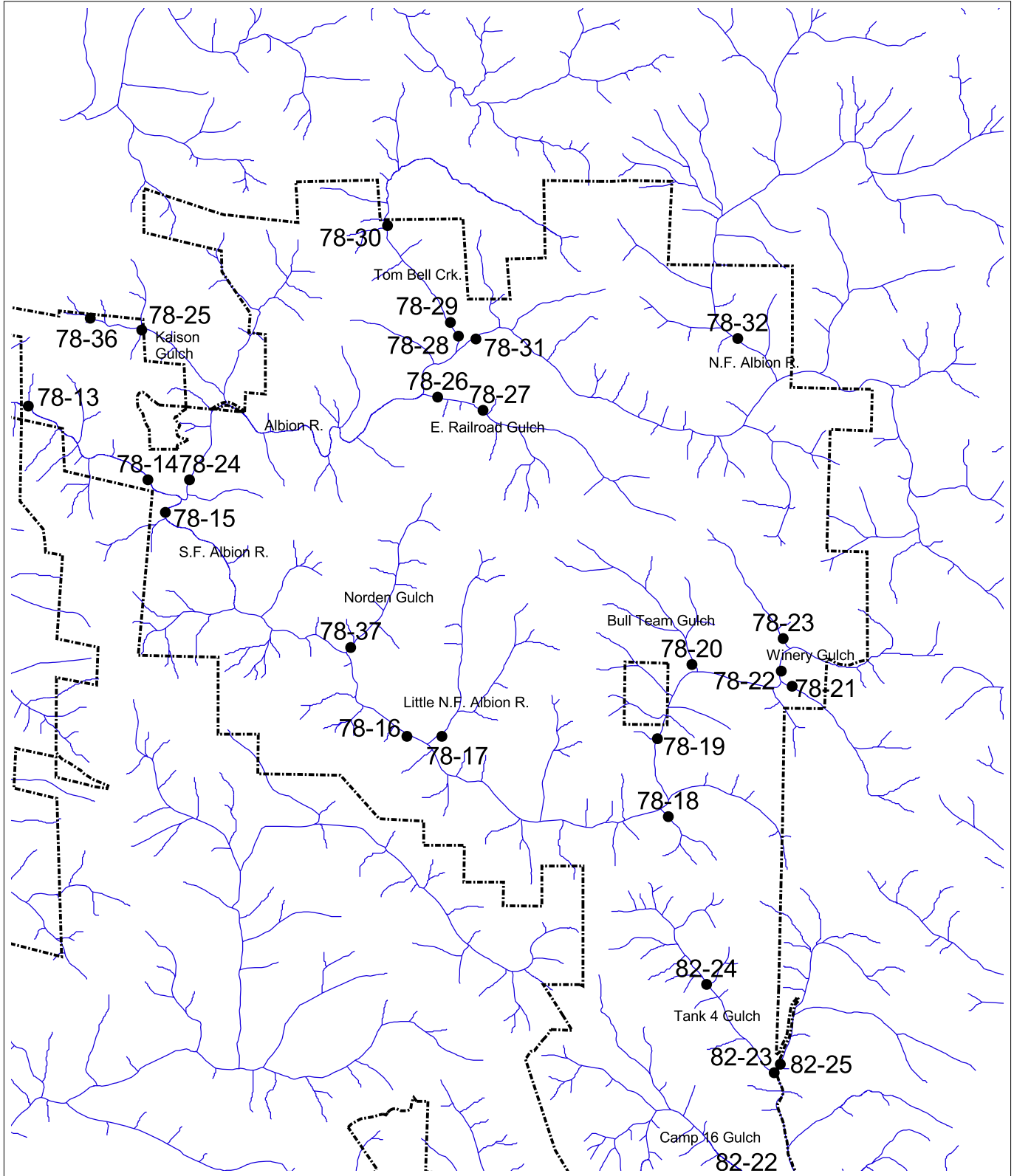


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Mendocino Redwood Company, LLC



Map 15: South Fork Albion River



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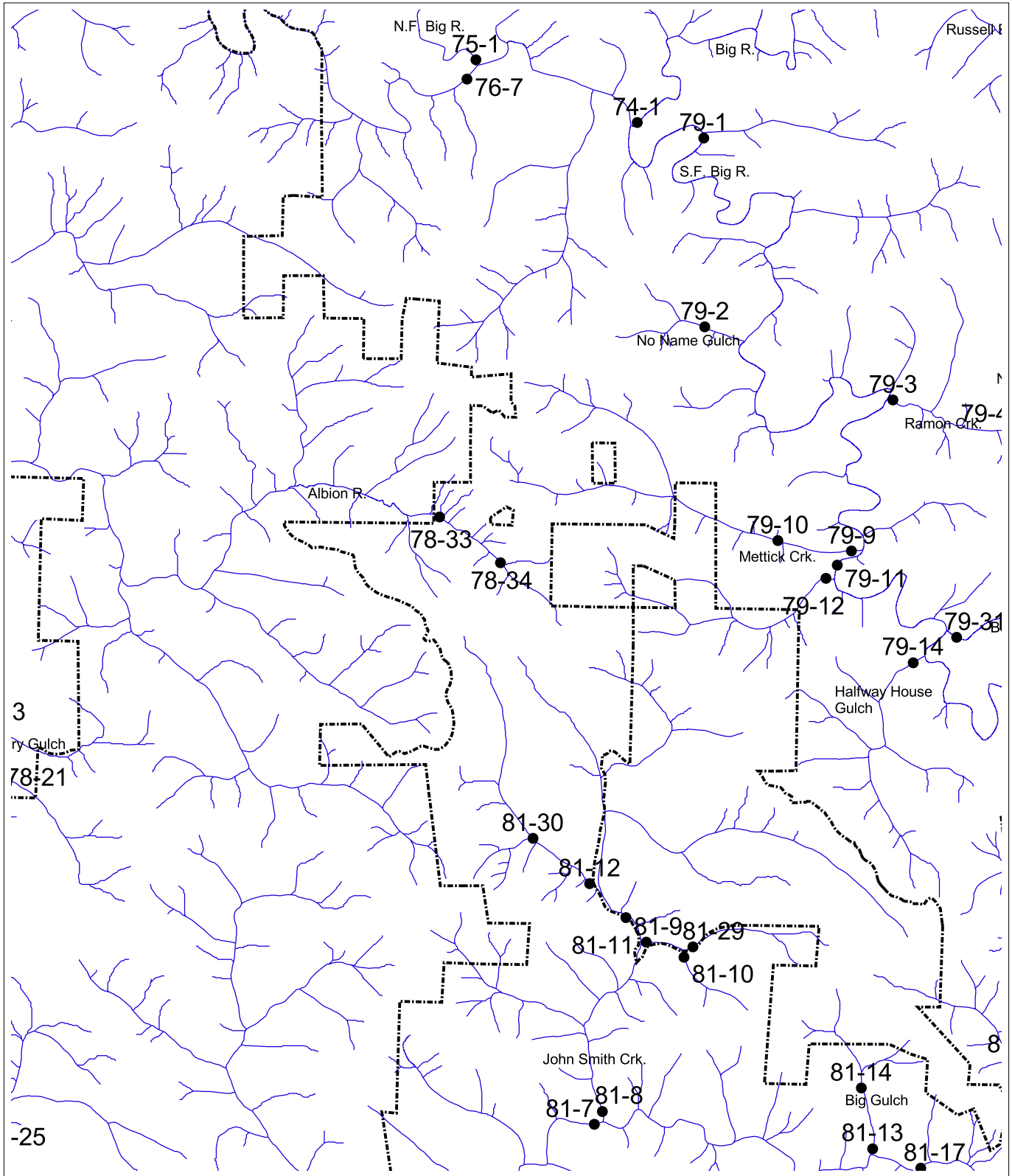
Mendocino Redwood Company, LLC

● Site ID
- - - MRC Ownership
~ Watercourse

0 0.5 1 Miles



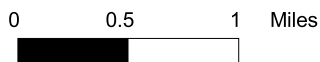
Map 16: Upper Albion River



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Mendocino Redwood Company, LLC

● Site ID
--- MRC Ownership
~ Watercourse



Appendix 4: UTM coordinates and latitude / longitude of sites within the Albion River Inventory Block.

Basin	Site ID	Easting Coordinate	Northing Coordinate	Latitude	Longitude
Buckhorn Crk.	78-01	433421	4345805	39.260902	-123.771698
	78-35	433213	4345693	39.259876	-123.774101
Albion River	78-02	437558	4344133	39.246143	-123.723602
	78-03	438115	4343318	39.238842	-123.717072
	78-04	438651	4341732	39.224586	-123.710716
	78-05	438865	4341775	39.224991	-123.708244
	78-06	439508	4341518	39.222721	-123.700768
	78-07	439508	4341346	39.221169	-123.700752
	78-08	438179	4343533	39.240784	-123.716347
	78-09	438651	4343575	39.241196	-123.710884
	78-10	438051	4344283	39.247532	-123.717903
	78-11	438629	4344154	39.24641	-123.711189
	78-12	438372	4344218	39.246967	-123.714172
	78-13	440344	4345869	39.261982	-123.691467
	78-14	441523	4345140	39.255493	-123.677742
	78-15	441695	4344819	39.252613	-123.67572
	78-16	444074	4342611	39.232876	-123.647964
	78-17	444417	4342611	39.232895	-123.643997
	78-18	446646	4341818	39.225891	-123.618111
	78-19	446539	4342589	39.23283	-123.619408
	78-20	446882	4343318	39.239422	-123.615494
	78-21	447868	4343104	39.237553	-123.60405
	78-22	447761	4343254	39.238899	-123.605301
	78-23	447782	4343575	39.241791	-123.605087
	78-24	441930	4345140	39.25552	-123.673027
	78-25	441459	4346619	39.268818	-123.678612
	78-26	444374	4345955	39.263023	-123.644768
	78-27	444824	4345826	39.26189	-123.639542
	78-28	444567	4346426	39.267281	-123.64257
	78-29	444588	4346576	39.268635	-123.642342
	78-30	443881	4347648	39.278248	-123.650627
	78-31	444653	4346469	39.267673	-123.641579
	78-32	447332	4346533	39.268417	-123.610527
	78-33	452176	4345655	39.260788	-123.554314
	78-34	452776	4345204	39.256756	-123.547333
	78-36	440955	4346735	39.269829	-123.684464
	78-37	443521	4343489	39.240749	-123.654449
	78-38	436936	4344813	39.252228	-123.730873
78-39	438711	4344815	39.252373	-123.710304	

Table A70. Summary of results for aquatic species surveys within the Russian River watershed, Mendocino Co., California. Refer to Maps 17-18.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
JACK SMITH CREEK	77-01	8/4/1995	PRESENT	PRESENT	PRESENT			PGS
JACK SMITH CREEK	77-01	8/2/1996	PRESENT	PRESENT	PRESENT			CRY PGS RSN YLF
JACK SMITH CREEK	77-01	8/10/2000	5	5				PGS RSN
JACK SMITH CREEK	77-01	10/10/2001	5	1				PGS YLF
JACK SMITH CREEK	77-02	8/4/1995	PRESENT	PRESENT	PRESENT			CRY PGS
JACK SMITH CREEK	77-02	8/2/1996	PRESENT	PRESENT	PRESENT			PGS YLF
JACK SMITH CREEK	77-02	8/10/2000	2	3	1			PGS
JACK SMITH CREEK	77-02	10/10/2001	2	1				PGS
JACK SMITH CREEK	77-03	8/4/1995	PRESENT					PGS
JACK SMITH CREEK	77-03	8/2/1996	PRESENT	PRESENT				PGS YLF
JACK SMITH CREEK	77-03	8/10/2000	2	5				PGS
JACK SMITH CREEK	77-03	10/10/2001	3	1				
ACKERMAN CREEK	83-01	7/20/1995	PRESENT	PRESENT				CRY RCH RSN
ACKERMAN CREEK	83-01	7/12/1996	PRESENT	PRESENT				CRY PGS RCH
ACKERMAN CREEK	83-01	8/11/2000	2	2				RCH

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B70. Summary of site parameters within the Russian River watershed, Mendocino Co., California. Refer to Maps 17-18.

Stream Name	SITE ID	DATE	METHOD e=electrofishing d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
JACK SMITH CREEK	77-01	8/4/1995	E	8			3	1		17.5	
JACK SMITH CREEK	77-01	8/2/1996	E				3	2		18.5	
JACK SMITH CREEK	77-01	8/10/2000	E	4	134	1.0:0.7:0.0	3	1	8.7	15	6.3
JACK SMITH CREEK	77-01	10/10/2001	E	2	102	1.0:1.5:0.9	3	1	9	12.1	6.8
JACK SMITH CREEK	77-02	8/4/1995	E				3	1		15.5	
JACK SMITH CREEK	77-02	8/2/1996	E	5			3	2		15.5	
JACK SMITH CREEK	77-02	8/10/2000	E	3	93	1.0:0.2:0.0	3	1	8.4	14	7
JACK SMITH CREEK	77-02	10/10/2001	E	2	97	1.0:0.8:0.0	3	1	7.3	10.6	7.0
JACK SMITH CREEK	77-03	8/4/1995	E	3			3	1		16	
JACK SMITH CREEK	77-03	8/2/1996	E	4			3	1		15.5	
JACK SMITH CREEK	77-03	8/10/2000	E		92	1.0:0.9:0.0	3	1	6.2	13	6.7
JACK SMITH CREEK	77-03	10/10/2001	E	2	92	1.0:1.5:0.0	3	1	7.4	10.5	7.1
ACKERMAN CREEK	83-01	7/20/1995	E	6			3	2		23	
ACKERMAN CREEK	83-01	7/12/1996	E	14			3	2		18.5	
ACKERMAN CREEK	83-01	8/11/2000	E	4	139	1.0:0.3:0.0	3	1	7.6	15	7.6

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A71. Summary of results for aquatic species surveys within the Russian River watershed, Mendocino Co., California. Refer to Maps 17-18.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
ACKERMAN CREEK	83-01	8/27/2001	1	2				CRY PGS RCH YLF
ACKERMAN CREEK	83-02	7/20/1995	PRESENT	PRESENT				RCH YLF
ACKERMAN CREEK	83-02	7/10/1996	PRESENT	PRESENT	PRESENT			RCH YLF
ACKERMAN CREEK	83-02	8/24/2001						CNT RCH
ALDER CREEK	83-03	7/20/1995	PRESENT					PGS RCH RSN YLF
ALDER CREEK	83-03	7/10/1996	PRESENT	PRESENT				RCH YLF
ALDER CREEK	83-03	8/11/2000	12	4	3			RCH
ALDER CREEK	83-03	8/24/2001	4	1				RCH
ALDER CREEK	83-04	7/20/1995	PRESENT					RCH RSN YLF
ALDER CREEK	83-04	7/10/1996	PRESENT	PRESENT				PGS RCH RSN YLF
ALDER CREEK	83-04	8/11/2000	11		1			
ALDER CREEK	83-06	8/24/2001	9	2				CNT YLF
ACKERMAN CREEK	83-05	7/19/1995	PRESENT	PRESENT				NEW PGS RCH RSN
ACKERMAN CREEK	83-05	7/10/1996	PRESENT	PRESENT	PRESENT			RSN STB YLF
ACKERMAN CREEK	83-05	8/11/2000	2					RCH

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B71. Summary of site parameters within the Russian River watershed, Mendocino Co., California. Refer to Maps 17-18.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
ACKERMAN CREEK	83-01	8/27/2001	E	2	101	1.0:0.0:0.2	3	0	3.9	17.1	7.1
ACKERMAN CREEK	83-02	7/20/1995	E	2			3	1		23.5	
ACKERMAN CREEK	83-02	7/10/1996	E	7			3	2		22	
ACKERMAN CREEK	83-02	8/24/2001	E	1	67	1.0:0.0:0.0	3	1	3.23	19.8	7.1
ALDER CREEK	83-03	7/20/1995	E	5			3	1		22.5	
ALDER CREEK	83-03	7/10/1996	E	6			3	1		22	
ALDER CREEK	83-03	8/11/2000	E	2	171	1.0:0.7:0.0	3	1	7	16	7.6
ALDER CREEK	83-03	8/24/2001	E	1	53	1.0:0.0:0.0	3	1	2.6	17.3	6.9
ALDER CREEK	83-04	7/20/1995	E	2			3	1		21.5	
ALDER CREEK	83-04	7/10/1996	E	5			3	1		23	
ALDER CREEK	83-04	8/11/2000	E	3	106	1.0:1.2:0.0	3	1	7.9	17	7.9
ALDER CREEK	83-06	8/24/2001	E	2	106	1.0:1.3:0.0	3	1	7.14	16.6	6.7
ACKERMAN CREEK	83-05	7/19/1995	E	3			2	1		23	
ACKERMAN CREEK	83-05	7/10/1996	E	9			3	1		24.5	
ACKERMAN CREEK	83-05	8/11/2000	D		104	1.0:0.4:0.0	3	1	9.2	19	7.9

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A72. Summary of results for aquatic species surveys within the Russian River watershed, Mendocino Co., California. Refer to Maps 17-18.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
ACKERMAN CREEK	83-05	8/24/2001	3	1				RCH

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B72. Summary of site parameters within the Russian River watershed, Mendocino Co., California. Refer to Maps 17-18.

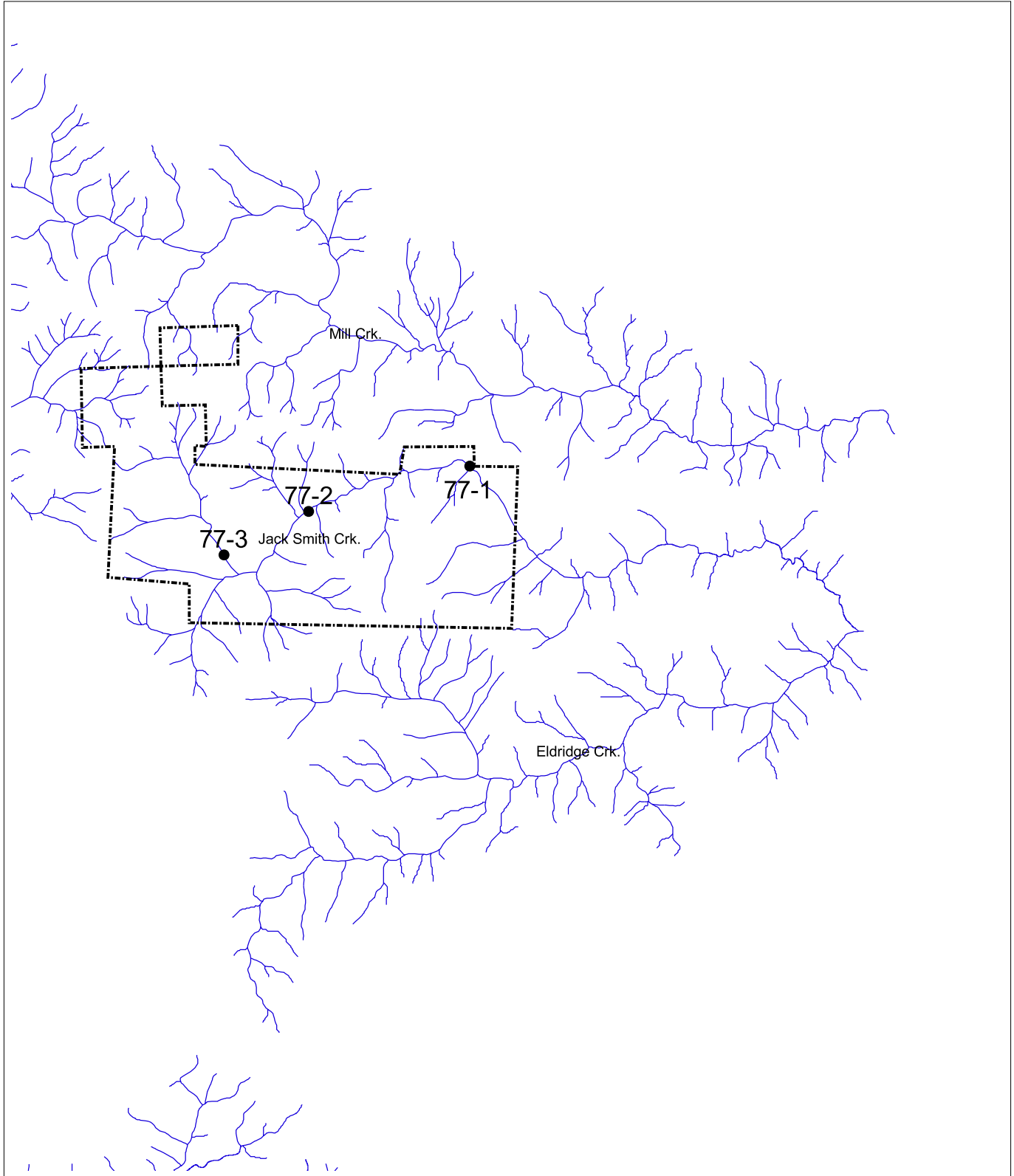
Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
ACKERMAN CREEK	83-05	8/24/2001	E	1	61	1.0:0.0:0.0	3	0	3.42	18.6	6.8

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

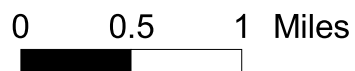
*Blank spaces indicate that no data was collected.

Map 17: Jack Smith Creek

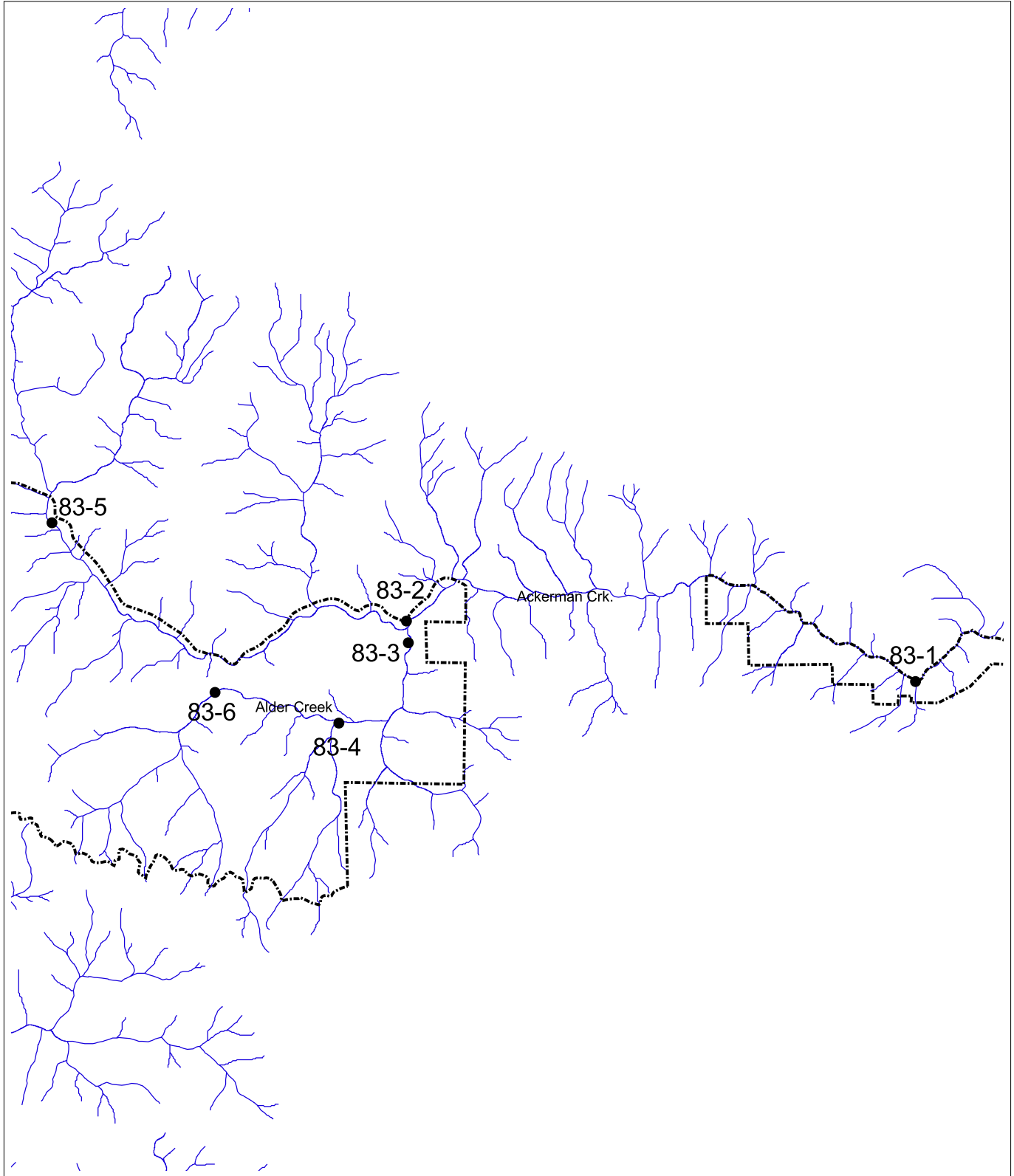


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Mendocino Redwood Company, LLC



Map 18: Ackerman Creek



1:55000

Mendocino Redwood Company, LLC

● Site ID
- - - MRC Ownership
~ Watercourse

0 0.5 1 Miles



Appendix 5: UTM coordinates and latitude / longitude of sites within the Ukiah Inventory Block.

Basin	Site ID	Easting Coordinate	Northing Coordinate	Latitude	Longitude
Russian River	77-01	473418	4347155	39.275215	-123.308167
	77-02	471832	4346705	39.271111	-123.326538
	77-03	470996	4346276	39.267216	-123.336212
	83-01	479162	4336223	39.176865	-123.241241
	83-02	474147	4336823	39.182137	-123.299324
	83-03	474168	4336609	39.180206	-123.299072
	83-04	473482	4335816	39.173042	-123.306984
	83-05	470653	4337788	39.19072	-123.339821
	83-06	472262	4336116	39.175705	-123.321121

Table A73. Summary of results for aquatic species surveys within the Navarro River watershed, Mendocino Co., California. Refer to Maps 19-25.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
NORTH BRANCH NF NAVARRO RIVER	81-01	7/28/1994	4	2		2		CRY RCH SCP STB
NORTH BRANCH NF NAVARRO RIVER	81-01	6/7/1995	PRESENT	PRESENT				CRY RCH STB YLF
NORTH BRANCH NF NAVARRO RIVER	81-01	6/10/1996	PRESENT	PRESENT	PRESENT	PRESENT		CRY NWP RCH SCP STB YLF
NORTH BRANCH NF NAVARRO RIVER	81-01	8/30/2000	11					CRY RCH SCP STB YLF
NORTH BRANCH NF NAVARRO RIVER	81-01	6/26/2001	51	2				RCH STB
DEER CREEK	81-02	7/21/1995		PRESENT				PGS
DEER CREEK	81-02	7/3/1996		PRESENT				CRY PGS
DEER CREEK	81-02	8/30/2000						CRY PGS YLF
DEER CREEK	81-02	6/29/2001						PGS YLF
COOKS CREEK	81-03	7/21/1995	PRESENT	PRESENT		PRESENT		CRY PGS RCH SCP
COOKS CREEK	81-03	7/3/1996	PRESENT	PRESENT		PRESENT		CRY PGS SCP STB YLF
COOKS CREEK	81-03	9/1/2000	6					CRY SCP STB
COOKS CREEK	81-03	7/2/2001		1				PGS PR RCH STB YLF
COOKS CREEK	81-04	7/21/1995	PRESENT	PRESENT	PRESENT			NEW RSN
COOKS CREEK	81-04	7/13/1996	PRESENT	PRESENT				YLF

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B73. Summary of site parameters within the Navarro River watershed, Mendocino Co., California. Refer to Maps 19-25.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
NORTH BRANCH NF NAVARRO RIVER	81-01	7/28/1994	E	5	80		3	1		20	
NORTH BRANCH NF NAVARRO RIVER	81-01	6/7/1995	D				3	3		17	
NORTH BRANCH NF NAVARRO RIVER	81-01	6/10/1996	D				3	3		18.5	
NORTH BRANCH NF NAVARRO RIVER	81-01	8/30/2000	E	8	114	1.0:0.5:0.0	3	1	5.1	17	6.7
NORTH BRANCH NF NAVARRO RIVER	81-01	6/26/2001	E	10	80	1.0:0.6:0.0	3	1	6.6	15.9	7.1
DEER CREEK	81-02	7/21/1995	E	4			3	1		14.5	
DEER CREEK	81-02	7/3/1996	E	3			3	1		15	
DEER CREEK	81-02	8/30/2000	E	2	119	1.0:3.4:0.0	3	1	7.6	14	7.6
DEER CREEK	81-02	6/29/2001	E	1	92	1.0:0.9:0.0	3	1	9.05	14.3	7.7
COOKS CREEK	81-03	7/21/1995	E	8			3	1		16	
COOKS CREEK	81-03	7/3/1996	E	8			3	2		17	
COOKS CREEK	81-03	9/1/2000	E	1	131	1.0:3.5:0.0	3	1	6.1	15	7.2
COOKS CREEK	81-03	7/2/2001	E	5	109	1.0:0.8:0.0	3	1	5.31	13.8	7.1
COOKS CREEK	81-04	7/21/1995	E	10			2	1		15.5	
COOKS CREEK	81-04	7/13/1996	E	9			2	1		15.5	

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A74. Summary of results for aquatic species surveys within the Navarro River watershed, Mendocino Co., California. Refer to Maps 19-25.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
COOKS CREEK	81-04	9/1/2000	6	2				YLF
COOKS CREEK	81-04	7/2/2001		7	1			CRY PGS PR YLF
COOKS CREEK	81-05	7/21/1995	PRESENT	PRESENT				PGS YLF
COOKS CREEK	81-05	7/17/1996	PRESENT	PRESENT				PGS YLF
COOKS CREEK	81-05	9/1/2000	12					CRY
COOKS CREEK	81-05	7/3/2001	6	2				PGS
COOKS CREEK	81-06	7/17/1996						YLF
COOKS CREEK	81-06	8/13/2000						
NORTH BRANCH NF NAVARRO RIVER	81-07	6/7/1995	PRESENT			PRESENT		CRY SCP
NORTH BRANCH NF NAVARRO RIVER	81-07	6/13/1996	PRESENT	PRESENT		PRESENT		CRY RCH SCP STB YLF
NORTH BRANCH NF NAVARRO RIVER	81-07	8/30/2000	32			2		CRY SCP STB
NORTH BRANCH NF NAVARRO RIVER	81-07	6/26/2001	27			16	1	CRY PGS
JOHN SMITH CREEK	81-08	7/21/1995	PRESENT	PRESENT	PRESENT			PGS STB YLF
JOHN SMITH CREEK	81-08	7/3/1996	PRESENT	PRESENT		PRESENT		CRY PGS STB YLF
JOHN SMITH CREEK	81-08	8/30/2000	23	4				CRY

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B74. Summary of site parameters within the Navarro River watershed, Mendocino Co., California. Refer to Maps 19-25.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
COOKS CREEK	81-04	9/1/2000	E	1	110	1.0:1.1:0.0	3	1	8	15	7.8
COOKS CREEK	81-04	7/2/2001	E	5	104	1.0:0.8:0.0	3	1	7.8	13.9	7.6
COOKS CREEK	81-05	7/21/1995	E	5			1	2		15	
COOKS CREEK	81-05	7/17/1996	E	6			3	1		15	
COOKS CREEK	81-05	9/1/2000	E	1	125	1.0:0.3:0.0	2	1	6.9	14	6.8
COOKS CREEK	81-05	7/3/2001	E	6	92	1.0:0.8:0.0	3	1	7.3	12.6	7
COOKS CREEK	81-06	7/17/1996	E	3			2	1		14.5	
COOKS CREEK	81-06	8/13/2000	E	1	93	1.0:1.3:0.0	3	0	5	14	6.5
NORTH BRANCH NF NAVARRO RIVER	81-07	6/7/1995	D				3	3		14	
NORTH BRANCH NF NAVARRO RIVER	81-07	6/13/1996	D				3	2		15	
NORTH BRANCH NF NAVARRO RIVER	81-07	8/30/2000	E	4	168	1.0:0.5:0.0	3	1	8.1	15	7.7
NORTH BRANCH NF NAVARRO RIVER	81-07	6/26/2001	E	8	146	1.0:0.4:0.0	3	1	8.96	14.6	7.6
JOHN SMITH CREEK	81-08	7/21/1995	E	10			3	1		16	
JOHN SMITH CREEK	81-08	7/3/1996	E	8			3	2		16.5	
JOHN SMITH CREEK	81-08	8/30/2000	E	2	119	1.0:1.0:0.0	3	1	5.4	15	7.5

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A75. Summary of results for aquatic species surveys within the Navarro River watershed, Mendocino Co., California. Refer to Maps 19-25.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
JOHN SMITH CREEK	81-08	6/26/2001	14	1				PGS STB
SHEEP GULCH	81-09	7/3/1996	PRESENT	PRESENT				PGS
SHEEP GULCH	81-09	8/30/2000				8	2	YLF
SHEEP GULCH	81-09	6/29/2001	4	1			1	PGS
TRIB TO SHEEP GULCH #1	81-10	7/17/1996	PRESENT	PRESENT				
TRIB TO SHEEP GULCH #1	81-10	8/30/2000						PGS
TRIB TO SHEEP GULCH #1	81-10	6/29/2001						PGS
SHEEP GULCH	81-29	7/30/2001		1				PGS YLF
JOHN SMITH CREEK	81-11	8/30/2000	7			3		
JOHN SMITH CREEK	81-11	6/29/2001	19					STB
JOHN SMITH CREEK	81-12	7/21/1995	PRESENT			PRESENT		
JOHN SMITH CREEK	81-12	7/3/1996	PRESENT					
JOHN SMITH CREEK	81-30	6/29/2001	6			17		
BIG GULCH	81-13	7/21/1995	PRESENT					PGS
BIG GULCH	81-13	7/2/1996	PRESENT					PGS

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B75. Summary of site parameters within the Navarro River watershed, Mendocino Co., California. Refer to Maps 19-25.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
JOHN SMITH CREEK	81-08	6/26/2001	E	5	130	1.0:0.6:0.0	3	1	6.9	14	7.3
SHEEP GULCH	81-09	7/3/1996	E	4			2	1		14	
SHEEP GULCH	81-09	8/30/2000	E	1	99	1.0:1.6:0.0	3	1	8.2	14	7.9
SHEEP GULCH	81-09	6/29/2001	E	4	90	1.0:0.4:0.0	3	1	7.5	13.1	7.6
TRIB TO SHEEP GULCH #1	81-10	7/17/1996	E	4			3	1		13.5	
TRIB TO SHEEP GULCH #1	81-10	8/30/2000	E	1	95	1.0:6.3:0.0	3	1	6.4	14	7.6
TRIB TO SHEEP GULCH #1	81-10	6/29/2001	E	2	91	1.0:3.3:0.0	3	1	7.6	12.8	7.5
SHEEP GULCH	81-29	7/30/2001	E	2	107	1.0:1.7:0.0	1	1	7.02	14.8	6.8
JOHN SMITH CREEK	81-11	8/30/2000	E	2	114	1.0:1.6:0.0	3	1	6.8	15	7.7
JOHN SMITH CREEK	81-11	6/29/2001	E	5	120	1.0:0.4:0.0	3	2	7.55	13.4	7.5
JOHN SMITH CREEK	81-12	7/21/1995	E	3			2	0		15	
JOHN SMITH CREEK	81-12	7/3/1996	E	3			2	0		14	
JOHN SMITH CREEK	81-30	6/29/2001	E	2	92	1.0:0.7:0.0	3	1	5.5	13.9	7.7
BIG GULCH	81-13	7/21/1995	E	4			2	1		14.5	
BIG GULCH	81-13	7/2/1996	E	4			2	1		13.5	

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A76. Summary of results for aquatic species surveys within the Navarro River watershed, Mendocino Co., California. Refer to Maps 19-25.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
BIG GULCH	81-13	8/31/2000	16	1				CRY RCH SCP STB
BIG GULCH	81-13	6/29/2001	1					PGS YLF
BIG GULCH	81-14	7/2/1996						PGS YLF
BIG GULCH	81-14	8/31/2000						PGS YLF
BIG GULCH	81-14	6/29/2001						PGS YLF
REDWOOD CREEK	81-15	7/20/1995	PRESENT	PRESENT				PGS YLF
REDWOOD CREEK	81-15	7/3/1996		PRESENT	PRESENT			PGS YLF
REDWOOD CREEK	81-15	8/31/2000	2					PGS SCP YLF
REDWOOD CREEK	81-15	7/1/2001						PGS PR
REDWOOD CREEK	81-16	7/3/1996						NEW PGS YLF
REDWOOD CREEK	81-16	8/31/2000						CNT PGS
LITTLE NF NAVARRO RIVER	81-17	7/20/1995	PRESENT	PRESENT				RCH SCP STB
LITTLE NF NAVARRO RIVER	81-17	7/3/1996	PRESENT	PRESENT		PRESENT		NEW PGS RCH SCP STB YLF
LITTLE NF NAVARRO RIVER	81-17	8/31/2000	16	4	2			SCP
LITTLE NF NAVARRO RIVER	81-17	7/2/2001	13			1		CRY PGS PR RCH STB

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B76. Summary of site parameters within the Navarro River watershed, Mendocino Co., California. Refer to Maps 19-25.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
BIG GULCH	81-13	8/31/2000	E	2	155	1.0:1.1:0.0	3	1	9.5	16	7.9
BIG GULCH	81-13	6/29/2001	E	2	93	1.0:1.2:0.0	3	1	8.5	13.4	7.5
BIG GULCH	81-14	7/2/1996	E	2			3	1		14.5	
BIG GULCH	81-14	8/31/2000	E	2	151	1.0:0.8:0.0	3	1	8.4	14	7.8
BIG GULCH	81-14	6/29/2001	E	2	100	1.0:1.0:0.0	3	1	7.15	13.4	7.4
REDWOOD CREEK	81-15	7/20/1995	E	3			3	1		13.5	
REDWOOD CREEK	81-15	7/3/1996	E	1			3	1		13	
REDWOOD CREEK	81-15	8/31/2000	E	1	93	1.0:0.9:0.0	3	1	8.9	13	6.8
REDWOOD CREEK	81-15	7/1/2001	E	2	119	1.0:1.7:0.0	3	1	8.9	13.7	7.2
REDWOOD CREEK	81-16	7/3/1996	E	2			2	1		16.5	
REDWOOD CREEK	81-16	8/31/2000	E	2	115	1.0:0.3:0.3	3	1	6.6	14	7.3
LITTLE NF NAVARRO RIVER	81-17	7/20/1995	E	10			2	1		17.5	
LITTLE NF NAVARRO RIVER	81-17	7/3/1996	E	8			3	2		16.5	
LITTLE NF NAVARRO RIVER	81-17	8/31/2000	E		94	1.0:1.8:0.0	3	1	6.5	15	7.5
LITTLE NF NAVARRO RIVER	81-17	7/2/2001	E	4	91	1.0:0.5:0.0	2	2	7.78	17.1	7.4

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A77. Summary of results for aquatic species surveys within the Navarro River watershed, Mendocino Co., California. Refer to Maps 19-25.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
LITTLE NF NAVARRO RIVER	81-18	7/20/1995	PRESENT	PRESENT				RCH
LITTLE NF NAVARRO RIVER	81-18	7/2/1996	PRESENT	PRESENT	PRESENT	PRESENT		PGS RCH SKR
LITTLE NF NAVARRO RIVER	81-18	9/6/2000	6	2				
LITTLE NF NAVARRO RIVER	81-18	7/3/2001	2	1				CRY PGS PR RCH
LITTLE NF NAVARRO RIVER	81-19	7/20/1995	PRESENT	PRESENT	PRESENT			PGS YLF
LITTLE NF NAVARRO RIVER	81-19	7/2/1996	PRESENT	PRESENT	PRESENT			PGS
LITTLE NF NAVARRO RIVER	81-19	9/5/2000	10	4				CRY PGS
LITTLE NF NAVARRO RIVER	81-19	7/16/2001	5	7				CRY PGS YLF
LITTLE NF NAVARRO RIVER	81-20	7/2/1996						PGS
LITTLE NF NAVARRO RIVER	81-20	9/14/2000						PGS
BOTTOM CREEK	81-21	7/20/1995	PRESENT	PRESENT				CRY PGS RCH STB
BOTTOM CREEK	81-21	7/2/1996	PRESENT	PRESENT	PRESENT			CRY PGS RCH SCP STB
BOTTOM CREEK	81-21	9/6/2000	10	2				RCH SCP
BOTTOM CREEK	81-21	7/4/2001	9	4				CRY PR RCH STB YLF
SAWYER CREEK	81-22	7/20/1995	PRESENT	PRESENT				PGS

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B77. Summary of site parameters within the Navarro River watershed, Mendocino Co., California. Refer to Maps 19-25.

Stream Name	SITE ID	DATE	METHOD e=electrofishing d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
LITTLE NF NAVARRO RIVER	81-18	7/20/1995	E	8			2	1		15.5	
LITTLE NF NAVARRO RIVER	81-18	7/2/1996	E	2			3	2		19	
LITTLE NF NAVARRO RIVER	81-18	9/6/2000	E	1	104	1.0:4.8:4.6	3	1	9.2	13	6.3
LITTLE NF NAVARRO RIVER	81-18	7/3/2001	E	5	110	1.0:1.0:0.0	3	2	7.2	17.4	7.5
LITTLE NF NAVARRO RIVER	81-19	7/20/1995	E	4			3	1		15.5	
LITTLE NF NAVARRO RIVER	81-19	7/2/1996	E	6			3	2		17	
LITTLE NF NAVARRO RIVER	81-19	9/5/2000	E	1	98	1.0:1.3:0.0	3	1	5.5	13	6.5
LITTLE NF NAVARRO RIVER	81-19	7/16/2001	E	5	116	1.0:0.8:0.0	3	1	6.24	15	7.1
LITTLE NF NAVARRO RIVER	81-20	7/2/1996	E	1			3	1		16	
LITTLE NF NAVARRO RIVER	81-20	9/14/2000	E	2	100	1.0:0.5:0.0	3	1	6.4	15	7.4
BOTTOM CREEK	81-21	7/20/1995	E	10			3	1		16.5	
BOTTOM CREEK	81-21	7/2/1996	E	6			3	2		20.5	
BOTTOM CREEK	81-21	9/6/2000	E	2	109	1.0:0.4:0.0	3	1	7.7	13	6.5
BOTTOM CREEK	81-21	7/4/2001	E	7	97	1.0:0.4:0.0	3	2	7.24	18.3	7.4
SAWYER CREEK	81-22	7/20/1995	E	3			3	1		15.5	

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A78. Summary of results for aquatic species surveys within the Navarro River watershed, Mendocino Co., California. Refer to Maps 19-25.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
SAWYER CREEK	81-22	7/2/1996	PRESENT					PGS
SAWYER CREEK	81-22	9/6/2000	10					SCP
SAWYER CREEK	81-22	7/3/2001	4					PR
SAWYER CREEK	81-23	7/20/1995						
SAWYER CREEK	81-23	7/2/1996						PGS RSN
SAWYER CREEK	81-23	9/6/2000						PGS
SAWYER CREEK	81-23	7/4/2001						
BOTTOM CREEK	81-24	9/6/2000	18	2				CRY SCP STB YLF
BOTTOM CREEK	81-24	7/3/2001	9	1				PGS PR
SPOONER CREEK	81-25	7/20/1995	PRESENT	PRESENT				PGS SCP YLF
SPOONER CREEK	81-25	7/3/1996	PRESENT	PRESENT				NEW PGS SCP
SPOONER CREEK	81-25	9/15/2000	4	2				SCP
SPOONER CREEK	81-25	7/3/2001	3	1				PR
SPOONER CREEK	81-26	7/3/1996	PRESENT	PRESENT	PRESENT			PGS YLF
SPOONER CREEK	81-26	9/15/2000	10					

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B78. Summary of site parameters within the Navarro River watershed, Mendocino Co., California. Refer to Maps 19-25.

Stream Name	SITE ID	DATE	METHOD e=electrofishing d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
SAWYER CREEK	81-22	7/2/1996	E	2			3	1		16	
SAWYER CREEK	81-22	9/6/2000	E	1	106	1.0:1.5:0.0	3	1	9.1	14	7.8
SAWYER CREEK	81-22	7/3/2001	E	3	90	1.0:1.6:0.0	3	1	7.4	16.2	7.6
SAWYER CREEK	81-23	7/20/1995	E	2			3	0		15	
SAWYER CREEK	81-23	7/2/1996	E	2			2	0		14.5	
SAWYER CREEK	81-23	9/6/2000	E	1	144	1.0:2.6:0.5	2	1		14	6.9
SAWYER CREEK	81-23	7/4/2001	E	1	109	1.0:1.2:0.0	3	1	7.02	17.1	6.8
BOTTOM CREEK	81-24	9/6/2000	E	2	130	1.0:0.8:0.0	3	1	10.1	14	7.9
BOTTOM CREEK	81-24	7/3/2001	E	6	90	1.0:0.3:0.0	3	1	7.1	17.9	7.7
SPOONER CREEK	81-25	7/20/1995	E	4			2	1		16	
SPOONER CREEK	81-25	7/3/1996	E	5			2	1		14	
SPOONER CREEK	81-25	9/15/2000	E	1	112	1.0:0.1:0.7	2	1	6.5	14	7.4
SPOONER CREEK	81-25	7/3/2001	E	2	90	1.0:0.2:0.0	3	1	6.85	14.5	7.3
SPOONER CREEK	81-26	7/3/1996	E	6			2	1		13.5	
SPOONER CREEK	81-26	9/15/2000	E	1	91	1.0:0.2:0.0	1	1	4.3	13	6.6

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A79. Summary of results for aquatic species surveys within the Navarro River watershed, Mendocino Co., California. Refer to Maps 19-25.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
SPOONER CREEK	81-26	7/4/2001	1	2				CNT PGS
BOTTOM CREEK	81-27	7/20/1995	PRESENT	PRESENT				PGS SCP
BOTTOM CREEK	81-27	7/3/1996	PRESENT	PRESENT	PRESENT			PGS SCP
BOTTOM CREEK	81-27	9/14/2000	2					SCP
BOTTOM CREEK	81-27	7/3/2001	7	1				CRY PGS PR
BOTTOM CREEK	81-28	9/15/2000						PGS
BOTTOM CREEK	81-28	7/4/2001						PGS
MARSH GULCH	82-01	7/29/1994	22	4				AMM RCH SCP
MARSH GULCH	82-01	7/28/1995	PRESENT	PRESENT				PGS SCP
MARSH GULCH	82-01	7/9/1996	PRESENT			PRESENT		PGS SCP
MARSH GULCH	82-01	8/14/2000	4	2		2		SCP
MARSH GULCH	82-01	7/9/2001	2			1		CR CRY PR
MARSH GULCH	82-02	7/9/1996		PRESENT				PGS TLF
MARSH GULCH	82-02	8/14/2000		3				PGS
MARSH GULCH	82-02	7/9/2001		2				PGS

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B79. Summary of site parameters within the Navarro River watershed, Mendocino Co., California. Refer to Maps 19-25.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
SPOONER CREEK	81-26	7/4/2001	E	3	102	1.0:0.8:0.0	1	1		13.1	6.4
BOTTOM CREEK	81-27	7/20/1995	E	2			3	1		15.5	
BOTTOM CREEK	81-27	7/3/1996	E	4			3	1		14	
BOTTOM CREEK	81-27	9/14/2000	E	1	120	1.0:0.2:0.0	3	1	7.8	14	7.5
BOTTOM CREEK	81-27	7/3/2001	E	3	90	1.0:0.7:0.0	3	1	7.2	15.4	7.5
BOTTOM CREEK	81-28	9/15/2000	E	1	125	1.0:1.0:0.0	3	1	7.6	14	7.7
BOTTOM CREEK	81-28	7/4/2001	E	1	91	1.0:1.0:0.0	3	1	8.8	13.4	7.2
MARSH GULCH	82-01	7/29/1994	E	5	70		3	1		13.5	
MARSH GULCH	82-01	7/28/1995	E	6			2	1		13	
MARSH GULCH	82-01	7/9/1996	E	7			3	2		13.5	
MARSH GULCH	82-01	8/14/2000	E	3	65	1.0:0.6:0.0	3	1	9.6	11	7.3
MARSH GULCH	82-01	7/9/2001	E	4	181	1.0:3.4:0.0	3	1	5.5	12	7.7
MARSH GULCH	82-02	7/9/1996	E	5			3	2		12.5	
MARSH GULCH	82-02	8/14/2000	E	2	110	1.0:0.6:0.0	3	1	10.2	12	7.8
MARSH GULCH	82-02	7/9/2001	E	3	95	1.0:1.3:0.0	3	1	7.5	11.3	7.8

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A80. Summary of results for aquatic species surveys within the Navarro River watershed, Mendocino Co., California. Refer to Maps 19-25.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
MARSH GULCH	82-39	8/14/2000						PGS
MARSH GULCH	82-39	7/9/2001						PGS
MURRAY GULCH	82-03	7/27/1994	20	1				CRY
MURRAY GULCH	82-03	7/28/1995	PRESENT	PRESENT		PRESENT		PGS RCH RLF SCP
MURRAY GULCH	82-03	7/9/1996	PRESENT	PRESENT				SCP
MURRAY GULCH	82-03	8/14/2000	30					PGS
MURRAY GULCH	82-03	7/9/2001		2				CRY PGS PR
MURRAY GULCH	82-04	7/9/1996	PRESENT	PRESENT				PGS SCP
MURRAY GULCH	82-04	8/11/2000	32	8				PGS
MURRAY GULCH	82-04	7/9/2001	1	1				PGS
MURRAY GULCH	82-42	8/11/2000						
MURRAY GULCH	82-42	7/9/2001						PGS
BARTON GULCH	82-05	8/18/1994		1				CRY PGS
BARTON GULCH	82-05	7/28/1995	PRESENT	PRESENT				CRY PGS STB
BARTON GULCH	82-05	7/9/1996	PRESENT					PGS SCP

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B80. Summary of site parameters within the Navarro River watershed, Mendocino Co., California. Refer to Maps 19-25.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
MARSH GULCH	82-39	8/14/2000	E	3	132	1.0:0.0:0.0	3	1	10.3	12	7.1
MARSH GULCH	82-39	7/9/2001	E	3	129	1.0:0.4:0.0	3	1	7.1	11.3	7.7
MURRAY GULCH	82-03	7/27/1994	E	5	35		3	1		13.5	
MURRAY GULCH	82-03	7/28/1995	E	10			2	1		13.5	
MURRAY GULCH	82-03	7/9/1996	E	7			3	2		14.5	
MURRAY GULCH	82-03	8/14/2000	E	2	108	1.0:1.6:0.0	3	1	9.5	13	7
MURRAY GULCH	82-03	7/9/2001	E	2	142	1.0:1.9:0.0	3	1	5	13	7.6
MURRAY GULCH	82-04	7/9/1996	E	6			3	2		13.5	
MURRAY GULCH	82-04	8/11/2000	E	3	152	1.0:1.6:0.0	3	1	7.9	15	7
MURRAY GULCH	82-04	7/9/2001	E	2	71	1.0:0.4:0.3	3	1	5.2	12.5	7.6
MURRAY GULCH	82-42	8/11/2000	E	2	141	1.0:3.3:0.8	3	1	9.7	13	7.6
MURRAY GULCH	82-42	7/9/2001	E	3	96	1.0:3.8:0.0	3	1	6.2	13.4	7.9
BARTON GULCH	82-05	8/18/1994	E	6	150		2	1		14	
BARTON GULCH	82-05	7/28/1995	E	10			2	1		14	
BARTON GULCH	82-05	7/9/1996	E	5			2	1		15	

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A81. Summary of results for aquatic species surveys within the Navarro River watershed, Mendocino Co., California. Refer to Maps 19-25.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
BARTON GULCH	82-05	8/17/2000		1	1			PGS RCH SCP STB
BARTON GULCH	82-05	6/29/2001		1				PR
BARTON GULCH	82-06	7/9/1996						
BARTON GULCH	82-06	8/17/2000						SCP STB
BARTON GULCH	82-06	6/29/2001						
FLUME CREEK	82-07	7/27/1994	15	4				PGS SCP
FLUME CREEK	82-07	8/7/1995	PRESENT	PRESENT				PGS SCP
FLUME CREEK	82-07	7/9/1996	PRESENT					PGS RCH SCP
FLUME CREEK	82-07	8/14/2000	4	1			1	SCP
FLUME CREEK	82-07	7/11/2001	1	2			2	CR CRY PGS PR
FLUME CREEK	82-08	7/9/1996	PRESENT	PRESENT	PRESENT			PGS
FLUME CREEK	82-08	8/14/2000	9	1	1			PGS
FLUME CREEK	82-08	7/11/2001	12					PGS
RAY GULCH	82-09	7/27/1994						PGS SCP STB
RAY GULCH	82-09	7/31/1995			PRESENT			STB

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B81. Summary of site parameters within the Navarro River watershed, Mendocino Co., California. Refer to Maps 19-25.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
BARTON GULCH	82-05	8/17/2000	E	4	147	1.0:0.2:0.0	3	1	9.1	10	7.7
BARTON GULCH	82-05	6/29/2001	E	3	96	0.0:1.0:3.8	3	1		13	7.2
BARTON GULCH	82-06	7/9/1996	E	3			2	1		15	
BARTON GULCH	82-06	8/17/2000	E	2	91	1.0:0.0:0.0	2	1	8.1	11	7.7
BARTON GULCH	82-06	6/29/2001	E	1	100	1.0:1.0:0.0	3	1		13.4	7.3
FLUME CREEK	82-07	7/27/1994	E	5	35		3	1		14	
FLUME CREEK	82-07	8/7/1995	E	7			3	1		14.5	
FLUME CREEK	82-07	7/9/1996	E	5			3	2		15	
FLUME CREEK	82-07	8/14/2000	E	3	111	1.0:0.5:0.0	3	1	9.9	14	7.5
FLUME CREEK	82-07	7/11/2001	E	3	148	1.0:0.5:0.0	3	1	9.1	12.9	6.6
FLUME CREEK	82-08	7/9/1996	E	7			3	1		14.5	
FLUME CREEK	82-08	8/14/2000	E	3	95	1.0:0.8:0.0	3	1	9.7	14	7.8
FLUME CREEK	82-08	7/11/2001	E	2	145	1.0:0.7:0.3	3	1		12.7	7.1
RAY GULCH	82-09	7/27/1994	E	5	120		2	2		15	
RAY GULCH	82-09	7/31/1995	E	4			2	1		15.5	

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A82. Summary of results for aquatic species surveys within the Navarro River watershed, Mendocino Co., California. Refer to Maps 19-25.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
RAY GULCH	82-09	7/10/1996	PRESENT					PGS RCH SCP STB
RAY GULCH	82-09	8/17/2000	1	2				PGS RLF SCP STB
RAY GULCH	82-09	6/29/2001	1					BLF CRY PGS PR RLF STB
ROLLER GULCH	82-10	7/27/1994						PGS SCP STB
ROLLER GULCH	82-10	7/31/1995						PGS RSN SCP STB
ROLLER GULCH	82-10	7/10/1996						PGS SCP STB YLF
ROLLER GULCH	82-10	8/17/2000						STB
ROLLER GULCH	82-10	6/29/2001						CNT PGS
MUSTARD GULCH	82-11	7/27/1994						CRY
MUSTARD GULCH	82-11	7/31/1995		PRESENT				PGS SCP
MUSTARD GULCH	82-11	7/9/1996						CRY RCH SCP
MUSTARD GULCH	82-11	8/17/2000						CRY PGS SCP
MUSTARD GULCH	82-11	6/29/2001						PGS PR
NAVARRO RIVER	82-12	8/3/1994		8	7			RCH SCP STB
NAVARRO RIVER	82-12	8/24/2000	28	14				RCH SCP

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B82. Summary of site parameters within the Navarro River watershed, Mendocino Co., California. Refer to Maps 19-25.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
RAY GULCH	82-09	7/10/1996	E	8			3	1		16	
RAY GULCH	82-09	8/17/2000	E	4	138	1.0:0.2:0.2	3	1	7.8	13	7.9
RAY GULCH	82-09	6/29/2001	E	4	136	1.0:1.0:0.5	3	1		14.8	7.5
ROLLER GULCH	82-10	7/27/1994	E	5	40		2	0		15	
ROLLER GULCH	82-10	7/31/1995	E	4			2	0		14.5	
ROLLER GULCH	82-10	7/10/1996	E	6			3	1		14.5	
ROLLER GULCH	82-10	8/17/2000	E	4	158	1.0:1.1:0.4	3	1	7.5	13	7.6
ROLLER GULCH	82-10	6/29/2001	E	3	96	1.0:0.9:0.9	3	1		13.3	7.1
MUSTARD GULCH	82-11	7/27/1994	E	5	160		2	1		14	
MUSTARD GULCH	82-11	7/31/1995	E	6			2	1		15	
MUSTARD GULCH	82-11	7/9/1996	E	4			2	1		15	
MUSTARD GULCH	82-11	8/17/2000	E	4	148	1.0:0.7:0.4	3	1	8.4	13	7.9
MUSTARD GULCH	82-11	6/29/2001	E	2	101	1.0:0.0:3.4	3	1		14.7	7.8
NAVARRO RIVER	82-12	8/3/1994	D		90		2	2		21	
NAVARRO RIVER	82-12	8/24/2000	D		133	1.0:0.0:0.0	3	2	7.2	21	7.9

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A83. Summary of results for aquatic species surveys within the Navarro River watershed, Mendocino Co., California. Refer to Maps 19-25.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
NAVARRO RIVER	82-12	7/3/2001	1	2				CRY PR RCH STB
NAVARRO RIVER	82-13	6/16/1995	PRESENT	PRESENT	PRESENT			CRY RCH STB
NAVARRO RIVER	82-13	6/10/1996	PRESENT	PRESENT	PRESENT			BLF CRY RCH SCP STB
NAVARRO RIVER	82-13	8/24/2000	23	9				RCH
NAVARRO RIVER	82-13	7/3/2001	3	2	1			RCH SCP
DEAD HORSE GULCH	82-14	7/27/1994						PGS
DEAD HORSE GULCH	82-14	7/31/1995				PRESENT		CRY PGS RCH
DEAD HORSE GULCH	82-14	7/8/1996	PRESENT			PRESENT		PGS RCH SCP
DEAD HORSE GULCH	82-14	8/17/2000				1	1	CRY
DEAD HORSE GULCH	82-14	6/29/2001						CRY
TRAMWAY GULCH	82-15	7/27/1994			1			CRY PGS
TRAMWAY GULCH	82-15	8/29/2000						PGS
TRAMWAY GULCH	82-15	6/26/2001						PGS
TRAMWAY GULCH	82-16	7/31/1995		PRESENT				CRY PGS
TRAMWAY GULCH	82-16	7/8/1996						PGS

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B83. Summary of site parameters within the Navarro River watershed, Mendocino Co., California. Refer to Maps 19-25.

Stream Name	SITE ID	DATE	METHOD e=electrofishing d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
NAVARRO RIVER	82-12	7/3/2001	D		150	0.0:0.0:1.0	3	2	9.2	23.4	7.8
NAVARRO RIVER	82-13	6/16/1995	D				3	3		16.5	
NAVARRO RIVER	82-13	6/10/1996	D				3	3		20.5	
NAVARRO RIVER	82-13	8/24/2000	D		377	0.0:1.0:3.5	3	3	9.5	21	7.6
NAVARRO RIVER	82-13	7/3/2001	D		181	1.0:0.0:0.0	3	2	9.68	22.8	7.7
DEAD HORSE GULCH	82-14	7/27/1994	E	5	60		2	1		14	
DEAD HORSE GULCH	82-14	7/31/1995	E	4			2	1		15.5	
DEAD HORSE GULCH	82-14	7/8/1996	E	5			2	1		14	
DEAD HORSE GULCH	82-14	8/17/2000	E	2	127	1.0:0.4:0.0	3	1	7.8	14	7.9
DEAD HORSE GULCH	82-14	6/29/2001	E	4	106	1.0:0.5:0.0	3	1		14.5	7.3
TRAMWAY GULCH	82-15	7/27/1994	E	5	60		2	1		14.5	
TRAMWAY GULCH	82-15	8/29/2000	E	1	105	1.0:1.3:0.4	3	1	8.5	14	7.8
TRAMWAY GULCH	82-15	6/26/2001	E	1	89	1.0:0.8:0.0	2	1	7.4	12.8	7.7
TRAMWAY GULCH	82-16	7/31/1995	E	3			2	1		16	
TRAMWAY GULCH	82-16	7/8/1996	E	5			3	1		14.5	

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A84. Summary of results for aquatic species surveys within the Navarro River watershed, Mendocino Co., California. Refer to Maps 19-25.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
TRAMWAY GULCH	82-16	8/29/2000						PGS
TRAMWAY GULCH	82-16	6/29/2001						PGS
COON CREEK	82-43	6/26/2001		1				CRY PGS
COON CREEK	82-17	7/27/1994			3			CRY PGS
COON CREEK	82-17	7/31/1995						CRY PGS
COON CREEK	82-17	7/8/1996	PRESENT	PRESENT				CRY PGS
COON CREEK	82-17	8/17/2000						CRY PGS
COON CREEK	82-17	6/26/2001						PGS
FLYNN CREEK	82-18	7/28/1994	14	3				CRY PGS SCP STB
FLYNN CREEK	82-18	7/31/1995	PRESENT					CRY PBL PGS SCP STB
FLYNN CREEK	82-18	7/8/1996	PRESENT	PRESENT		PRESENT		CRY RCH SCP STB
FLYNN CREEK	82-18	8/29/2000	2			2		CRY PGS SCP STB
FLYNN CREEK	82-18	7/2/2001			1	2	1	STB
FLYNN CREEK	82-19	7/28/1994	8	2	2			CRY SCP STB
FLYNN CREEK	82-19	8/29/2000	6					CRY PGS SCP STB

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B84. Summary of site parameters within the Navarro River watershed, Mendocino Co., California. Refer to Maps 19-25.

Stream Name	SITE ID	DATE	METHOD e=electrofishing d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
TRAMWAY GULCH	82-16	8/29/2000	E	2	100	1.0:0.7:0.4	3	1	2.8	14	7.3
TRAMWAY GULCH	82-16	6/29/2001	E	4	89	1.0:3.3:2.5	3	1		15	7.2
COON CREEK	82-43	6/26/2001	E	7	121	1.0:0.6:0.0	3	1	9	13	7.1
COON CREEK	82-17	7/27/1994	E	5	100		2	1		15.5	
COON CREEK	82-17	7/31/1995	E	2			2	1		16	
COON CREEK	82-17	7/8/1996	E	6			3	1		15.5	
COON CREEK	82-17	8/17/2000	E	5	100	1.0:0.3:0.0	3	1	8.7	13	7.8
COON CREEK	82-17	6/26/2001	E	8	168	1.0:0.8:0.6	3	1	8.6	12.9	7.1
FLYNN CREEK	82-18	7/28/1994	E	5	120		2	1		14.5	
FLYNN CREEK	82-18	7/31/1995	E	7			2	1		18.5	
FLYNN CREEK	82-18	7/8/1996	E	10			3	2		17	
FLYNN CREEK	82-18	8/29/2000	E	3	114	1.0:0.1:0.0	3	1	6.1	15	7.7
FLYNN CREEK	82-18	7/2/2001	E	2	164	1.0:0.4:0.0	3	1	7.4	13.7	6.6
FLYNN CREEK	82-19	7/28/1994	E	5	100		3	1		14	
FLYNN CREEK	82-19	8/29/2000	E	2	116	1.0:0.7:0.0	3	1	6	15	7.2

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A85. Summary of results for aquatic species surveys within the Navarro River watershed, Mendocino Co., California. Refer to Maps 19-25.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
FLYNN CREEK	82-19	7/3/2001	5	1		2		CRY PGS PR STB
TRIB TO FLYNN CREEK #1	82-37	8/29/2000						PGS
TRIB TO FLYNN CREEK #1	82-37	7/3/2001	1					PGS
FLYNN CREEK	82-20	7/31/1995	PRESENT	PRESENT				CRY PGS SCP
FLYNN CREEK	82-20	7/8/1996	PRESENT	PRESENT		PRESENT		CRY PGS SCP STB YLF
FLYNN CREEK	82-20	8/24/2000	3	1		4	3	SCP
TRIB TO FLYNN CREEK #2	82-36	8/24/2000						CRY PGS
TRIB TO FLYNN CREEK #2	82-36	7/2/2001						CRY PGS
CAMP 16 GULCH	82-21	7/28/1994	14	6	1			PGS
CAMP 16 GULCH	82-21	7/31/1995	PRESENT	PRESENT				PGS SCP
CAMP 16 GULCH	82-21	7/8/1996	PRESENT			PRESENT		PGS SCP
CAMP 16 GULCH	82-21	8/29/2000	7			1		PGS SCP
CAMP 16 GULCH	82-21	7/2/2001	1					PGS PR
TRIB TO CAMP 16 CREEK #1	82-38	8/29/2000						PGS
TRIB TO CAMP 16 CREEK #1	82-38	7/2/2001						PGS

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B85. Summary of site parameters within the Navarro River watershed, Mendocino Co., California. Refer to Maps 19-25.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
FLYNN CREEK	82-19	7/3/2001	E	3	101	1.0:0.5:0.0	3	1	6.4	15.5	7.1
TRIB TO FLYNN CREEK #1	82-37	8/29/2000	E	1	97	1.0:1.4:0.0	3	1	7	14	7.7
TRIB TO FLYNN CREEK #1	82-37	7/3/2001	E	2	102	1.0:0.9:0.0	3	1	6.7	14.1	7.1
FLYNN CREEK	82-20	7/31/1995	E	4			2	1		18	
FLYNN CREEK	82-20	7/8/1996	E	10			3	2		16	
FLYNN CREEK	82-20	8/24/2000	E	3	202	1.0:0.2:0.0	3	1	7.8	14	7.6
TRIB TO FLYNN CREEK #2	82-36	8/24/2000	E	3	109	1.0:0.9:0.0	3	1	8.9	14	7.8
TRIB TO FLYNN CREEK #2	82-36	7/2/2001	E	2	96	1.0:0.2:0.0	3	1	8.2	14.1	7.6
CAMP 16 GULCH	82-21	7/28/1994	E	5	110		2	1		14	
CAMP 16 GULCH	82-21	7/31/1995	E	3			2	1		17	
CAMP 16 GULCH	82-21	7/8/1996	E	6			3	1			
CAMP 16 GULCH	82-21	8/29/2000	E	2	90	1.0:1.2:0.8	3	1	6.9	14	6.2
CAMP 16 GULCH	82-21	7/2/2001	E	4	149	1.0:0.5:0.0	3	1	8.4	14	7.2
TRIB TO CAMP 16 CREEK #1	82-38	8/29/2000	E	2	100	1.0:0.5:0.0	3	1	7	13	7
TRIB TO CAMP 16 CREEK #1	82-38	7/2/2001	E	2	96	1.0:1.5:0.0	3	1	8.7	13.8	7.2

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A86. Summary of results for aquatic species surveys within the Navarro River watershed, Mendocino Co., California. Refer to Maps 19-25.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
CAMP 16 GULCH	82-22	7/28/1994		1				PGS
CAMP 16 GULCH	82-22	7/31/1995	PRESENT	PRESENT	PRESENT			PGS
CAMP 16 GULCH	82-22	7/8/1996	PRESENT	PRESENT		PRESENT		PGS
CAMP 16 GULCH	82-22	8/29/2000	4					PGS
CAMP 16 GULCH	82-22	7/2/2001						PGS
TANK 4 GULCH	82-23	7/28/1994	5					PGS SCP
TANK 4 GULCH	82-23	7/31/1995	PRESENT			PRESENT		PGS
TANK 4 GULCH	82-23	7/8/1996		PRESENT	PRESENT	PRESENT		PGS
TANK 4 GULCH	82-23	8/24/2000	10	3				SCP
TANK 4 GULCH	82-23	7/2/2001		1				PGS
TANK 4 GULCH	82-24	7/8/1996						PGS
TANK 4 GULCH	82-24	8/24/2000	1	1				
TANK 4 GULCH	82-24	7/2/2001						CRY PGS
FLYNN CREEK	82-25	7/28/1994	30					CRY PGS SCP
FLYNN CREEK	82-25	7/31/1995	PRESENT			PRESENT		

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B86. Summary of site parameters within the Navarro River watershed, Mendocino Co., California. Refer to Maps 19-25.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
CAMP 16 GULCH	82-22	7/28/1994	E	5	90		2	0		14	
CAMP 16 GULCH	82-22	7/31/1995	E	4			2	1		15.5	
CAMP 16 GULCH	82-22	7/8/1996	E	6			3	1		14	
CAMP 16 GULCH	82-22	8/29/2000	E	2	104	1.0:2.4:0.0	3	1	6.5	13	7.1
CAMP 16 GULCH	82-22	7/2/2001	E	3	98	1.0:0.0:0.0	3	1	6	14.3	6.9
TANK 4 GULCH	82-23	7/28/1994	E	5	120		2	1		14.5	
TANK 4 GULCH	82-23	7/31/1995	E	6			2	0		15	
TANK 4 GULCH	82-23	7/8/1996	E	7			3	1		14	
TANK 4 GULCH	82-23	8/24/2000	E	2	52	1.0:0.0:0.0	1	0	1.2	14	6.5
TANK 4 GULCH	82-23	7/2/2001	E	2	92	1.0:0.1:0.0	3	1	1.7	13	6.5
TANK 4 GULCH	82-24	7/8/1996	E	5			3	1		13	
TANK 4 GULCH	82-24	8/24/2000	E	1	54	1.0:0.0:0.0	1	0	5.1	17	7.3
TANK 4 GULCH	82-24	7/2/2001	E	1	106	1.0:0.6:0.0	3	1	3.2	13	6.4
FLYNN CREEK	82-25	7/28/1994	E	5	30		2	0		15.5	
FLYNN CREEK	82-25	7/31/1995	E	3			2	0		15.5	

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A87. Summary of results for aquatic species surveys within the Navarro River watershed, Mendocino Co., California. Refer to Maps 19-25.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
FLYNN CREEK	82-25	7/8/1996	PRESENT			PRESENT		PGS
FLYNN CREEK	82-25	8/24/2000						
FLYNN CREEK	82-25	7/2/2001					2	PR
PERRY GULCH	82-26	8/2/1995	PRESENT	PRESENT				PGS RCH YLF
PERRY GULCH	82-26	7/11/1996	PRESENT					CRY RCH SCP YLF
NAVARRO RIVER	82-27	8/3/1994	126	19	33			CRY RCH SCP STB
NAVARRO RIVER	82-27	6/6/1995	PRESENT	PRESENT	PRESENT			AMM CRY RCH SCP STB
NAVARRO RIVER	82-27	7/11/1996	PRESENT	PRESENT	PRESENT			NWP RCH STB
NAVARRO RIVER	82-27	9/19/2000	35	4				RCH STB
NAVARRO RIVER	82-27	7/3/2001	4	2	2			RCH SCP STB
BERRY CREEK	82-28	8/2/1995						PGS RSN YLF
BERRY CREEK	82-28	7/11/1996	PRESENT					PGS
BERRY CREEK	82-28	9/19/2000	3					PGS YLF
BERRY CREEK	82-28	7/16/2001	5	1				PGS YLF
BERRY CREEK	82-29	8/2/1995						PGS YLF

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B87. Summary of site parameters within the Navarro River watershed, Mendocino Co., California. Refer to Maps 19-25.

Stream Name	SITE ID	DATE	METHOD e=electrofishing d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
FLYNN CREEK	82-25	7/8/1996	E	10			3	1		14.5	
FLYNN CREEK	82-25	8/24/2000	D		88	1.0:0.0:0.0	2	0	1.9	14	6.8
FLYNN CREEK	82-25	7/2/2001	E	2	160	1.0:0.4:0.0	3	0	4.5	11.9	6.4
PERRY GULCH	82-26	8/2/1995	E	4			2	0		17.5	
PERRY GULCH	82-26	7/11/1996	D				3	0		16	
NAVARRO RIVER	82-27	8/3/1994	D		220		3	2		26	
NAVARRO RIVER	82-27	6/6/1995	D				3	3		20.5	
NAVARRO RIVER	82-27	7/11/1996	D				2	3		25.2	
NAVARRO RIVER	82-27	9/19/2000	D		380	1.0:0.0:0.0	2	3	4.1	21	7.3
NAVARRO RIVER	82-27	7/3/2001	D		360	1.0:0.0:0.0	3	2	10.5	23.6	8.2
BERRY CREEK	82-28	8/2/1995	E	3			3	1		17	
BERRY CREEK	82-28	7/11/1996	D				3	1		16	
BERRY CREEK	82-28	9/19/2000	E	1	123	1.0:3.1:0.0	3	1	7.8	16	7.1
BERRY CREEK	82-28	7/16/2001	E	1	88	1.0:3.6:0.0	3	1	7.71	13.6	6.7
BERRY CREEK	82-29	8/2/1995	E	4			3	1		19	

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A88. Summary of results for aquatic species surveys within the Navarro River watershed, Mendocino Co., California. Refer to Maps 19-25.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
BERRY CREEK	82-29	7/11/1996						PGS YLF
BERRY CREEK	82-29	9/19/2000			1			PGS YLF
BERRY CREEK	82-29	7/16/2001			1			
BERRY CREEK	82-44	7/16/2001						PGS YLF
FLOODGATE CREEK	82-30	8/3/1994	5	4	1			CRY PGS RCH STB
FLOODGATE CREEK	82-30	8/3/1995	PRESENT					PBL RSN
FLOODGATE CREEK	82-30	7/11/1996	PRESENT	PRESENT				CRY RCH SCP STB YLF
FLOODGATE CREEK	82-30	7/16/2001		1				PR STB
BLACK ROCK CREEK	82-31	8/3/1995	PRESENT	PRESENT				PGS YLF
BLACK ROCK CREEK	82-31	7/11/1996	PRESENT	PRESENT	PRESENT			CRY YLF
BLACK ROCK CREEK	82-31	9/19/2000	3	1				
BLACK ROCK CREEK	82-31	7/16/2001	3					PGS
BLACK ROCK CREEK	82-40	9/22/2000						CRY PGS
BLACK ROCK CREEK	82-40	7/16/2001						PGS
BLACK ROCK CREEK	82-41	9/22/2000						PGS

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B88. Summary of site parameters within the Navarro River watershed, Mendocino Co., California. Refer to Maps 19-25.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
BERRY CREEK	82-29	7/11/1996	D				3	1		17	
BERRY CREEK	82-29	9/19/2000	E		108	1.0:0.9:0.0	2	1	3.8	15	7
BERRY CREEK	82-29	7/16/2001	E	1	38	1.0:0.0:0.0	3	1	4.3	14.4	6.6
BERRY CREEK	82-44	7/16/2001	E	3	117	1.0:1.1:0.0	3	1	8.88	13.4	7.7
FLOODGATE CREEK	82-30	8/3/1994	E	5	90		2	0		17	
FLOODGATE CREEK	82-30	8/3/1995	E	4			2	0		17.5	
FLOODGATE CREEK	82-30	7/11/1996	D				3	0		16	
FLOODGATE CREEK	82-30	7/16/2001	E	2	69	1.0:0.0:0.0	3	0	7.3	13.7	7.0
BLACK ROCK CREEK	82-31	8/3/1995	V				3	1		17	
BLACK ROCK CREEK	82-31	7/11/1996	D				3	2		16	
BLACK ROCK CREEK	82-31	9/19/2000	E	1	83	1.0:0.5:1.2	3	1	8.1	15	7.7
BLACK ROCK CREEK	82-31	7/16/2001	E	1	60	1.0:1.0:0.0	3	1	9.05	15	7.6
BLACK ROCK CREEK	82-40	9/22/2000	E		83	1.0:1.4:0.0	3	1	8	15	7.1
BLACK ROCK CREEK	82-40	7/16/2001	E	2	84	1.0:0.4:0.0	3	1	9.22	14.7	7.7
BLACK ROCK CREEK	82-41	9/22/2000	E	1	112	1.0:0.7:0.3	3	1	8.5	15	6.9

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A89. Summary of results for aquatic species surveys within the Navarro River watershed, Mendocino Co., California. Refer to Maps 19-25.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
BLACK ROCK CREEK	82-41	7/16/2001						PGS YLF
NAVARRO RIVER	82-32	8/3/1994		2	4			RCH STB
NAVARRO RIVER	82-32	9/19/2000	34	2				RCH STB YLF
NAVARRO RIVER	82-32	7/17/2001						PR RCH STB YLF
SAGE GULCH	82-33	8/3/1994		3				CRY PGS
SAGE GULCH	82-33	8/3/1995	PRESENT	PRESENT				PGS
SAGE GULCH	82-33	7/11/1996	PRESENT					PGS YLF
SAGE GULCH	82-33	9/19/2000	1	1				PGS YLF
SAGE GULCH	82-33	7/17/2001	1	1				
SAGE GULCH	82-34	8/3/1994						PGS
SAGE GULCH	82-34	8/3/1995						PGS YLF
SAGE GULCH	82-34	7/11/1996						PGS YLF
SAGE GULCH	82-34	9/19/2000						PGS YLF
SAGE GULCH	82-34	7/17/2001						PGS YLF
HUNGRY HOLLOW CREEK	82-35	7/18/1995						PGS RSN

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B89. Summary of site parameters within the Navarro River watershed, Mendocino Co., California. Refer to Maps 19-25.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
BLACK ROCK CREEK	82-41	7/16/2001	E	1	66	1.0:1.3:0.0	3	1	9.7	14.7	7.7
NAVARRO RIVER	82-32	8/3/1994	D		100		2	2		26	
NAVARRO RIVER	82-32	9/19/2000	D		409	1.0:0.1:0.0	3	3	9	19	7.9
NAVARRO RIVER	82-32	7/17/2001	E	2	100	0.0:1.0:0.0	3	2	6.77	15.2	7.6
SAGE GULCH	82-33	8/3/1994	E	5	50		2	1		15.5	
SAGE GULCH	82-33	8/3/1995	E	2			3	1		15.5	
SAGE GULCH	82-33	7/11/1996	D				3	1		15	
SAGE GULCH	82-33	9/19/2000	E	1	119	1.0:3.0:0.0	3	1	8.2	14	7.3
SAGE GULCH	82-33	7/17/2001	E	1	124	1.0:1.8:0.0	3	1	9.05	13.6	7.6
SAGE GULCH	82-34	8/3/1994	E	5	45		2	1		15.5	
SAGE GULCH	82-34	8/3/1995	E	2			3	1		17	
SAGE GULCH	82-34	7/11/1996	D				3	1		15.5	
SAGE GULCH	82-34	9/19/2000	E	1	113	1.0:0.4:1.3	3	1	9	14	7.8
SAGE GULCH	82-34	7/17/2001	E	2	115	1.0:1.3:0.0	3	1	9.05	13.6	7.6
HUNGRY HOLLOW CREEK	82-35	7/18/1995	E	3			3	1		16	

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A90. Summary of results for aquatic species surveys within the Navarro River watershed, Mendocino Co., California. Refer to Maps 19-25.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
HUNGRY HOLLOW CREEK	82-35	7/1/1996						PGS
HUNGRY HOLLOW CREEK	82-35	9/11/2000						PGS YLF
HUNGRY HOLLOW CREEK	82-35	7/5/2001						CNT PGS YLF
SOUTH BRANCH NF NAVARRO RIVER	85-01	7/28/1994	7	3		1		CRY RCH SCP STB
SOUTH BRANCH NF NAVARRO RIVER	85-01	6/7/1995	PRESENT	PRESENT				CRY RCH
SOUTH BRANCH NF NAVARRO RIVER	85-01	6/10/1996	PRESENT	PRESENT	PRESENT	PRESENT		CRY RCH SCP STB YLF
SOUTH BRANCH NF NAVARRO RIVER	85-01	9/1/2000	19					CRY RCH SCP STB
SOUTH BRANCH NF NAVARRO RIVER	85-01	6/26/2001	15				1	AMM CR CRY RCH
SOUTH BRANCH NF NAVARRO RIVER	85-02	7/29/1994	19	4				AMM CRY RCH STB
SOUTH BRANCH NF NAVARRO RIVER	85-02	6/13/1996	PRESENT	PRESENT				CRY RCH STB YLF
SOUTH BRANCH NF NAVARRO RIVER	85-02	9/6/2000	26					CRY RCH
SOUTH BRANCH NF NAVARRO RIVER	85-02	7/5/2001	49	4				CRY PGS STB
BAILEY CREEK	85-03	7/29/1994	1	2				CRY PGS SCP
BAILEY CREEK	85-03	7/18/1995	PRESENT					CRY PGS SCP
BAILEY CREEK	85-03	7/1/1996	PRESENT	PRESENT				CRY PGS SCP

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B90. Summary of site parameters within the Navarro River watershed, Mendocino Co., California. Refer to Maps 19-25.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
HUNGRY HOLLOW CREEK	82-35	7/1/1996	E	1			2	0		14	
HUNGRY HOLLOW CREEK	82-35	9/11/2000	E	2	95	1.0:0.6:0.0	3	1	6.3	13	6.7
HUNGRY HOLLOW CREEK	82-35	7/5/2001	E	2	91	1.0:0.8:0.0	3	1	7	15.8	7.1
SOUTH BRANCH NF NAVARRO RIVER	85-01	7/28/1994	E	10	135		2	1		20	
SOUTH BRANCH NF NAVARRO RIVER	85-01	6/7/1995	D				3	3		17	
SOUTH BRANCH NF NAVARRO RIVER	85-01	6/10/1996	D				3	3		18.5	
SOUTH BRANCH NF NAVARRO RIVER	85-01	9/1/2000	E	2	176	1.0:1.6:0.0	3	2	8	16	6.9
SOUTH BRANCH NF NAVARRO RIVER	85-01	6/26/2001	E	8	123	1.0:0.6:0.0	3	1	7.9	15.4	6.7
SOUTH BRANCH NF NAVARRO RIVER	85-02	7/29/1994	E	5	45		3	1		15	
SOUTH BRANCH NF NAVARRO RIVER	85-02	6/13/1996	D				3	3		18	
SOUTH BRANCH NF NAVARRO RIVER	85-02	9/6/2000	E	2	155	1.0:0.9:0.0	3	2	8.9	15	6.3
SOUTH BRANCH NF NAVARRO RIVER	85-02	7/5/2001	E	6	137	1.0:0.3:0.0	3	2	8.4	16.5	7.9
BAILEY CREEK	85-03	7/29/1994	E	5	65		2	1		14.5	
BAILEY CREEK	85-03	7/18/1995	E	4			2	1		19.6	
BAILEY CREEK	85-03	7/1/1996	E	5						15.5	

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A91. Summary of results for aquatic species surveys within the Navarro River watershed, Mendocino Co., California. Refer to Maps 19-25.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
BAILEY CREEK	85-03	9/6/2000		2				
BAILEY CREEK	85-03	7/5/2001		2	1			CRY PGS PR
BAILEY CREEK	85-04	7/29/1994						SCP
BAILEY CREEK	85-04	7/19/1995	PRESENT					PGS SCP
BAILEY CREEK	85-04	7/1/1996	PRESENT	PRESENT				PGS
BAILEY CREEK	85-04	9/6/2000		1				SCP
BAILEY CREEK	85-04	7/4/2001			1			PGS
CAMP CREEK	85-23	9/6/2000	2	1				SCP
CAMP CREEK	85-23	7/4/2001		1				PGS
CAMP CREEK	85-24	9/21/2000						PGS
CAMP CREEK	85-24	7/5/2001						PGS
BEAR CREEK	85-05	7/29/1994	28	3				CRY PGS
BEAR CREEK	85-05	7/18/1995	PRESENT	PRESENT				CRY PGS YLF
BEAR CREEK	85-05	7/1/1996	PRESENT					PGS YLF
BEAR CREEK	85-05	9/6/2000	7	1				

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B91. Summary of site parameters within the Navarro River watershed, Mendocino Co., California. Refer to Maps 19-25.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
BAILEY CREEK	85-03	9/6/2000	E	2	123	1.0:1.9:0.0	3	1	8.1	11	7.9
BAILEY CREEK	85-03	7/5/2001	E	2	105	1.0:1.1:0.0	3	1	8.3	15.6	7.8
BAILEY CREEK	85-04	7/29/1994	E	5	60		2	1		14	
BAILEY CREEK	85-04	7/19/1995	E	6			2	1		16	
BAILEY CREEK	85-04	7/1/1996	E	4			3	1		13.5	
BAILEY CREEK	85-04	9/6/2000	E	2	128	1.0:1.8:0.0	3	1	8.5	11	6.2
BAILEY CREEK	85-04	7/4/2001	E	2	92	1.0:1.0:0.0	2	1	6.2	15	7.1
CAMP CREEK	85-23	9/6/2000	E	2	97	1.0:1.5:0.0	3	1	7.4	11	7.5
CAMP CREEK	85-23	7/4/2001	E	3	104	1.0:1.3:0.0	3	1	8.3	16.2	7.8
CAMP CREEK	85-24	9/21/2000	E	2	161	1.0:0.8:0.0	2	1	6.9	15	7.7
CAMP CREEK	85-24	7/5/2001	E	2	103	1.0:3.5:0.0	3	1	8	13.6	7.4
BEAR CREEK	85-05	7/29/1994	E	5	100		2	1		15	
BEAR CREEK	85-05	7/18/1995	E	6			3	1		17.5	
BEAR CREEK	85-05	7/1/1996	E	3			3	1		18	
BEAR CREEK	85-05	9/6/2000	E	1	109	1.0:1.7:0.0	3	1	10.1	11	7.9

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A92. Summary of results for aquatic species surveys within the Navarro River watershed, Mendocino Co., California. Refer to Maps 19-25.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
BEAR CREEK	85-05	7/5/2001	25	2				PGS
BEAR CREEK	85-06	7/18/1995						CNT PGS
BEAR CREEK	85-06	7/1/1996						PGS YLF
BEAR CREEK	85-06	9/6/2000						PGS
BEAR CREEK	85-06	7/5/2001						CNT PGS YLF
BRIDGE CREEK	85-25	9/21/2000	6					CRY
BRIDGE CREEK	85-25	7/10/2001						PR YLF
BRIDGE CREEK	85-07	7/1/1996			PRESENT			CRY PGS SCP YLF
BRIDGE CREEK	85-07	9/13/2000		2	1			PGS SCP YLF
BRIDGE CREEK	85-07	7/10/2001		1	1			CRY PGS PR YLF
BRIDGE CREEK	85-26	9/13/2000						CRY PGS
BRIDGE CREEK	85-26	7/10/2001						CRY PGS YLF
SHINGLE MILL CREEK	85-08	8/1/1994	18	1				PGS
SHINGLE MILL CREEK	85-08	7/18/1995	PRESENT	PRESENT				PGS YLF
SHINGLE MILL CREEK	85-08	7/1/1996	PRESENT	PRESENT				PGS YLF

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B92. Summary of site parameters within the Navarro River watershed, Mendocino Co., California. Refer to Maps 19-25.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
BEAR CREEK	85-05	7/5/2001	E	3	114	1.0:1.2:0.0	3	1	8.75	16.3	7.8
BEAR CREEK	85-06	7/18/1995	E	2			3	1		18	
BEAR CREEK	85-06	7/1/1996	E	3			3	1		16	
BEAR CREEK	85-06	9/6/2000	E	1	110	1.0:3.4:0.0	3	1	8.5	13	7.9
BEAR CREEK	85-06	7/5/2001	E	2	92	1.0:5.1:0.0	3	1	8.4	17	7.9
BRIDGE CREEK	85-25	9/21/2000	E	2	115	1.0:0.1:0.0	3	1	7.1	16	7.8
BRIDGE CREEK	85-25	7/10/2001	E	4	109	1.0:0.7:0.0	3	1		14.8	7.4
BRIDGE CREEK	85-07	7/1/1996	E	6			3	1		18	
BRIDGE CREEK	85-07	9/13/2000	E	2	119	1.0:0.8:0.0	3	1	7.2	15	6.6
BRIDGE CREEK	85-07	7/10/2001	E	4	103	1.0:0.6:0.0	3	1		13.9	7.5
BRIDGE CREEK	85-26	9/13/2000	E	2	116	1.0:0.3:0.0	3	1	5.5	15	6.6
BRIDGE CREEK	85-26	7/10/2001	E	4	91	1.0:0.9:0.0	3	1		15.6	7.1
SHINGLE MILL CREEK	85-08	8/1/1994	E	5	200		2	1		19	
SHINGLE MILL CREEK	85-08	7/18/1995	E	3			3	1		19.5	
SHINGLE MILL CREEK	85-08	7/1/1996	E	3			3	1		19.5	

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A93. Summary of results for aquatic species surveys within the Navarro River watershed, Mendocino Co., California. Refer to Maps 19-25.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
SHINGLE MILL CREEK	85-08	9/8/2000	10					PGS YLF
SHINGLE MILL CREEK	85-08	7/10/2001	6		2			CRY YLF
SHINGLE MILL CREEK	85-09	7/18/1995	PRESENT	PRESENT	PRESENT			PGS
SHINGLE MILL CREEK	85-09	7/1/1996	PRESENT	PRESENT	PRESENT			PGS
SHINGLE MILL CREEK	85-09	9/8/2000	3	2	1			YLF
SHINGLE MILL CREEK	85-09	7/10/2001	1	5				PGS
TRIB TO SHINGLE MILL CREEK #1	85-28	9/8/2000						PGS YLF
TRIB TO SHINGLE MILL CREEK #1	85-28	7/10/2001						PGS
SHINGLE MILL CREEK	85-10	7/1/1996						PGS
SHINGLE MILL CREEK	85-10	9/13/2000						PGS
SHINGLE MILL CREEK	85-10	7/11/2001						PGS
MCGARVEY CREEK	85-11	7/29/1994	28	12				CRY RCH STB
MCGARVEY CREEK	85-11	7/18/1995	PRESENT					CRY PGS
MCGARVEY CREEK	85-11	7/1/1996	PRESENT					PGS
MCGARVEY CREEK	85-11	9/8/2000	2					PGS

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B93. Summary of site parameters within the Navarro River watershed, Mendocino Co., California. Refer to Maps 19-25.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
SHINGLE MILL CREEK	85-08	9/8/2000	E	1	116	1.0:1.3:0.0	3	1	9.1	13	7.7
SHINGLE MILL CREEK	85-08	7/10/2001	E	2	95	1.0:0.9:0.0	3	1		18.3	8.1
SHINGLE MILL CREEK	85-09	7/18/1995	E	3			3	1		20	
SHINGLE MILL CREEK	85-09	7/1/1996	E	6			3	1		21	
SHINGLE MILL CREEK	85-09	9/8/2000	E	1	126	1.0:1.1:0.0	3	1	8.1	13	7.7
SHINGLE MILL CREEK	85-09	7/10/2001	E	2	90	1.0:0.8:0.0	3	1		18.6	7.6
TRIB TO SHINGLE MILL CREEK #1	85-28	9/8/2000	E	1	115	1.0:1.8:0.0	3	1	9.1	14	8.2
TRIB TO SHINGLE MILL CREEK #1	85-28	7/10/2001	E	2	95	1.0:2.2:0.0	3	1		15.5	7.6
SHINGLE MILL CREEK	85-10	7/1/1996	E	2			3	1		18.5	
SHINGLE MILL CREEK	85-10	9/13/2000	E	1	95	1.0:1.9:0.0	3	1	7.3	15	7.7
SHINGLE MILL CREEK	85-10	7/11/2001	E	3	90	1.0:1.0:0.0	3	1	7.04	13.4	7.2
MCGARVEY CREEK	85-11	7/29/1994	E	5	50		3	1		23.5	
MCGARVEY CREEK	85-11	7/18/1995	E	3			3	1		21	
MCGARVEY CREEK	85-11	7/1/1996	E	3			3	1		18.5	
MCGARVEY CREEK	85-11	9/8/2000	E	1	108	1.0:2.4:0.0	3	1	8.7	13	6.9

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A94. Summary of results for aquatic species surveys within the Navarro River watershed, Mendocino Co., California. Refer to Maps 19-25.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
MCGARVEY CREEK	85-11	7/11/2001	11	1				CRY PGS
MCGARVEY CREEK	85-12	7/29/1994		3	1			CRY PGS
MCGARVEY CREEK	85-12	7/19/1995						PGS
MCGARVEY CREEK	85-12	7/1/1996						PGS
MCGARVEY CREEK	85-12	9/6/2000	5	2				
MCGARVEY CREEK	85-12	7/11/2001	11	3				CRY PGS YLF
SOUTH BRANCH NF NAVARRO RIVER	85-13	7/19/1995	PRESENT	PRESENT	PRESENT			RCH YLF
SOUTH BRANCH NF NAVARRO RIVER	85-13	6/13/1996	PRESENT	PRESENT	PRESENT			PGS RCH YLF
SOUTH BRANCH NF NAVARRO RIVER	85-13	9/6/2000	7	3				
SOUTH BRANCH NF NAVARRO RIVER	85-13	7/11/2001	14	2				CRY PGS YLF
SOUTH BRANCH NF NAVARRO RIVER	85-14	7/29/1994	14	32	5			CRY RCH
SOUTH BRANCH NF NAVARRO RIVER	85-14	6/8/2000	8		1			
SOUTH BRANCH NF NAVARRO RIVER	85-14	7/11/2001	14	4				CRY
BURNS GULCH	85-15	6/28/1996						PGS
BURNS GULCH	85-15	8/9/2000	5	2	2			

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B94. Summary of site parameters within the Navarro River watershed, Mendocino Co., California. Refer to Maps 19-25.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
MCGARVEY CREEK	85-11	7/11/2001	E	3	92	1.0:3.2:0.0	3	1	6.7	14.3	7.4
MCGARVEY CREEK	85-12	7/29/1994	E	5	100		2	1		19	
MCGARVEY CREEK	85-12	7/19/1995	E	2			2	1		18.5	
MCGARVEY CREEK	85-12	7/1/1996	E	2			3	1		18.5	
MCGARVEY CREEK	85-12	9/6/2000	E	2	118	1.0:0.7:0.0	3	1	8.9	15	8
MCGARVEY CREEK	85-12	7/11/2001	E	5	126	1.0:3.8:0.0	3	1	6.9	13.8	7.5
SOUTH BRANCH NF NAVARRO RIVER	85-13	7/19/1995	E	4			3	2		21.5	
SOUTH BRANCH NF NAVARRO RIVER	85-13	6/13/1996	D				3	2		18	
SOUTH BRANCH NF NAVARRO RIVER	85-13	9/6/2000	E	2	120	1.0:0.2:0.0	3	1	10.2	14	8
SOUTH BRANCH NF NAVARRO RIVER	85-13	7/11/2001	E	3	92	1.0:0.7:0.0	3	2	8.4	15.4	7.9
SOUTH BRANCH NF NAVARRO RIVER	85-14	7/29/1994	E	5	60		3	1		20.5	
SOUTH BRANCH NF NAVARRO RIVER	85-14	6/8/2000	E	1	132	1.0:0.3:0.7	3	2	9.1	16	8.4
SOUTH BRANCH NF NAVARRO RIVER	85-14	7/11/2001	E	5	128	1.0:0.7:0.0	3	2	8.9	16.7	8
BURNS GULCH	85-15	6/28/1996	E	2			3	2		14	
BURNS GULCH	85-15	8/9/2000	E	1	94	1.0:0.0:2.4	3	1	9.5	15	8.4

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A95. Summary of results for aquatic species surveys within the Navarro River watershed, Mendocino Co., California. Refer to Maps 19-25.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
BURNS GULCH	85-15	7/11/2001	10	1	1			CRY PGS
BURNS GULCH	85-27	9/12/2000						PGS
BURNS GULCH	85-27	7/11/2001						CRY PGS YLF
LOW GAP CREEK	85-16	8/1/1994	10	14				
LOW GAP CREEK	85-16	7/19/1995	PRESENT	PRESENT	PRESENT			CRY PGS RCH YLF
LOW GAP CREEK	85-16	6/28/1996	PRESENT	PRESENT	PRESENT			CRY PGS SCP YLF
LOW GAP CREEK	85-16	9/11/2000	5	1				
LOW GAP CREEK	85-16	7/13/2001	30	2	1			CNT CRY PGS YLF
LOW GAP CREEK	85-17	8/1/1994	2	23	3			PGS RCH
LOW GAP CREEK	85-17	7/19/1995	PRESENT	PRESENT	PRESENT			RCH YLF
LOW GAP CREEK	85-17	6/28/1996	PRESENT					PGS YLF
LOW GAP CREEK	85-17	9/11/2000	16	2				PGS
LOW GAP CREEK	85-17	7/13/2001	27	6				CNT CRY
HARDSCRATCH CREEK	85-18	8/1/1994	13	4				CRY PGS
HARDSCRATCH CREEK	85-18	7/19/1995	PRESENT	PRESENT	PRESENT			CRY RCH YLF

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B95. Summary of site parameters within the Navarro River watershed, Mendocino Co., California. Refer to Maps 19-25.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
BURNS GULCH	85-15	7/11/2001	E	2	93	1.0:1.3:0.0	3	1	8.9	15.9	7.9
BURNS GULCH	85-27	9/12/2000	E	2	113	1.0:2.1:0.0	3	1	8	14	6.2
BURNS GULCH	85-27	7/11/2001	E	1	114	1.0:2.4:0.0	3	1	7.1	15.7	7.4
LOW GAP CREEK	85-16	8/1/1994	E	5	45		2	1		19	
LOW GAP CREEK	85-16	7/19/1995	E	5			3	1		18.5	
LOW GAP CREEK	85-16	6/28/1996	E	6			3	2		16.5	
LOW GAP CREEK	85-16	9/11/2000	E	1	77	1.0:0.1:0.0	3	1	8.3	14	7.9
LOW GAP CREEK	85-16	7/13/2001	E	4	105	1.0:1.9:0.0	3	1	7.53	14.8	7.7
LOW GAP CREEK	85-17	8/1/1994	E	5	80		2	1		22	
LOW GAP CREEK	85-17	7/19/1995	E	6			3	1		19	
LOW GAP CREEK	85-17	6/28/1996	E	5			3	2		17.5	
LOW GAP CREEK	85-17	9/11/2000	D		90	1.0:0.8:0.0	3	1	6.9	18	7.9
LOW GAP CREEK	85-17	7/13/2001	E	3	107	1.0:1.1:0.0	3	1	6.92	13.8	6.9
HARDSCRATCH CREEK	85-18	8/1/1994	E	5	64		2	1			
HARDSCRATCH CREEK	85-18	7/19/1995	E	5			3	2		18.5	

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A96. Summary of results for aquatic species surveys within the Navarro River watershed, Mendocino Co., California. Refer to Maps 19-25.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
HARDSCRATCH CREEK	85-18	6/13/1996	PRESENT	PRESENT	PRESENT			CRY RCH YLF
HARDSCRATCH CREEK	85-18	9/11/2000	8	1				
HARDSCRATCH CREEK	85-18	7/13/2001	29	6				CRY
HARDSCRATCH CREEK	85-19	8/1/1994		11	3			CRY PGS
HARDSCRATCH CREEK	85-19	7/19/1995	PRESENT	PRESENT	PRESENT			CRY LAM PGS RCH
HARDSCRATCH CREEK	85-19	6/28/1996	PRESENT	PRESENT	PRESENT			PGS
HARDSCRATCH CREEK	85-19	9/12/2000		4				CRY
HARDSCRATCH CREEK	85-19	7/16/2001		4	3			
HARDSCRATCH CREEK	85-20	6/28/1996		PRESENT	PRESENT			YLF
HARDSCRATCH CREEK	85-20	9/12/2000	3	2				CRY PGS
HARDSCRATCH CREEK	85-20	7/16/2001	2	21	1			CRY
ROSE CREEK	85-21	8/1/1994	48	26	3			CRY RCH
ROSE CREEK	85-21	7/19/1995	PRESENT	PRESENT	PRESENT			YLF
ROSE CREEK	85-21	6/13/1996	PRESENT	PRESENT				CRY YLF
ROSE CREEK	85-21	9/11/2000	5	1				

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B96. Summary of site parameters within the Navarro River watershed, Mendocino Co., California. Refer to Maps 19-25.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
HARDSCRATCH CREEK	85-18	6/13/1996	E	8			3	2		19	
HARDSCRATCH CREEK	85-18	9/11/2000	E	1	105	1.0:2.2:0.0	3	1	9.3	15	8
HARDSCRATCH CREEK	85-18	7/13/2001	E	4	92	1.0:1.4:0.0	3	1	9.1	17.6	7.9
HARDSCRATCH CREEK	85-19	8/1/1994	E	5	100		2	1		16	
HARDSCRATCH CREEK	85-19	7/19/1995	E	7			3	2		19	
HARDSCRATCH CREEK	85-19	6/28/1996	E	6			3	2		17.5	
HARDSCRATCH CREEK	85-19	9/12/2000	E		105	1.0:1.2:0.0	3	1	9.1	16	7.4
HARDSCRATCH CREEK	85-19	7/16/2001	E	4	137	1.0:2.1:0.0	3	1	9.05	14.6	7.6
HARDSCRATCH CREEK	85-20	6/28/1996	E	5			3	2		13.5	
HARDSCRATCH CREEK	85-20	9/12/2000	E	1	99	1.0:2.0:0.0	3	1	9.5	15	8.1
HARDSCRATCH CREEK	85-20	7/16/2001	E	8	124	1.0:0.7:0.0	3	1	7.05	14	6.9
ROSE CREEK	85-21	8/1/1994	E	5	70		2	1		21	
ROSE CREEK	85-21	7/19/1995	E	3			3	1		17.5	
ROSE CREEK	85-21	6/13/1996	D				3	2		15	
ROSE CREEK	85-21	9/11/2000	E	1	115	1.0:0.7:0.8	3	1	8.9	14	7.5

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A97. Summary of results for aquatic species surveys within the Navarro River watershed, Mendocino Co., California. Refer to Maps 19-25.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
ROSE CREEK	85-21	7/13/2001	9	3	2			CRY PGS
ROSE CREEK	85-22	8/1/1994	3	17	10			CRY PGS
ROSE CREEK	85-22	7/19/1995						PGS
ROSE CREEK	85-22	6/28/1996	PRESENT		PRESENT			PGS
ROSE CREEK	85-22	9/11/2000						PGS YLF
ROSE CREEK	85-22	7/13/2001		3				CRY PGS
NF INDIAN CREEK	86-01	8/8/1995	PRESENT	PRESENT	PRESENT			RCH RSN YLF
NF INDIAN CREEK	86-01	7/10/1996	PRESENT	PRESENT	PRESENT			PGS RCH RSN
NF INDIAN CREEK	86-01	8/23/2000	50	10				RCH
NF INDIAN CREEK	86-01	7/12/2001	13	11	1			CNT RCH YLF
SHERMAN GULCH	86-02	8/8/1995	PRESENT					
SHERMAN GULCH	86-02	7/10/1996	PRESENT	PRESENT				YLF
SHERMAN GULCH	86-02	8/23/2000	1					
SHERMAN GULCH	86-02	7/12/2001						PGS YLF
TRIB TO NF INDIAN CREEK #1	86-03	8/8/1995						YLF

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B97. Summary of site parameters within the Navarro River watershed, Mendocino Co., California. Refer to Maps 19-25.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
ROSE CREEK	85-21	7/13/2001	E	3	104	1.0:1.0:0.0	3	2	8.7	16	7.9
ROSE CREEK	85-22	8/1/1994	E	5	75		2	1		22	
ROSE CREEK	85-22	7/19/1995	E	2			3	1		16	
ROSE CREEK	85-22	6/28/1996	E	5			3	2		13	
ROSE CREEK	85-22	9/11/2000	E	1	98	1.0:1.2:0.0	3	1	7.9	14	7.4
ROSE CREEK	85-22	7/13/2001	E	3	92	1.0:2.8:0.0	3	2	8.05	16.2	7.9
NF INDIAN CREEK	86-01	8/8/1995	D				3	2		18.5	
NF INDIAN CREEK	86-01	7/10/1996	D				3	3		19.5	
NF INDIAN CREEK	86-01	8/23/2000	D		105	1.0:1.2:0.0	3	2	7.9	21	8
NF INDIAN CREEK	86-01	7/12/2001	E	5	145	1.0:1.1:0.0	3	2	7.1	17.8	7.1
SHERMAN GULCH	86-02	8/8/1995	D				3	1		16.5	
SHERMAN GULCH	86-02	7/10/1996	D				3	1		19	
SHERMAN GULCH	86-02	8/23/2000	D		93	1.0:2.2:0.0	2	1	9	18	8.3
SHERMAN GULCH	86-02	7/12/2001	E	3	113	1.0:0.9:0.0	3	1	8.2	15.8	8.0
TRIB TO NF INDIAN CREEK #1	86-03	8/8/1995	V				3	0		15.5	

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A98. Summary of results for aquatic species surveys within the Navarro River watershed, Mendocino Co., California. Refer to Maps 19-25.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
TRIB TO NF INDIAN CREEK #1	86-03	7/10/1996						PGS
TRIB TO NF INDIAN CREEK #1	86-03	7/23/2000						PGS
TRIB TO NF INDIAN CREEK #1	86-03	7/12/2001						PGS
NF INDIAN CREEK	86-04	8/8/1995	PRESENT	PRESENT	PRESENT			RCH RSN
NF INDIAN CREEK	86-04	7/10/1996	PRESENT	PRESENT	PRESENT			RCH RSN YLF
NF INDIAN CREEK	86-04	8/23/2000	11	5	1			RCH
NF INDIAN CREEK	86-04	7/12/2001	31	7				AMM CNT PGS RCH
NF INDIAN CREEK	86-05	8/8/1995	PRESENT	PRESENT	PRESENT			NEW RCH
NF INDIAN CREEK	86-05	7/10/1996	PRESENT	PRESENT	PRESENT			RCH RSN YLF
NF INDIAN CREEK	86-05	8/23/2000	4	4				RCH RSN
NF INDIAN CREEK	86-05	7/12/2001	7	12				CNT RCH YLF
WEST BRANCH N.F. INDIAN CREEK	86-06	8/8/1995						YLF
WEST BRANCH N.F. INDIAN CREEK	86-06	7/10/1996	PRESENT					YLF
WEST BRANCH N.F. INDIAN CREEK	86-06	8/23/2000	6	3				PGS
WEST BRANCH N.F. INDIAN CREEK	86-06	7/12/2001	15	2				CNT PGS

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B98. Summary of site parameters within the Navarro River watershed, Mendocino Co., California. Refer to Maps 19-25.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
TRIB TO NF INDIAN CREEK #1	86-03	7/10/1996	D				3	1		16	
TRIB TO NF INDIAN CREEK #1	86-03	7/23/2000	E	2	101	1.0:1.3:0.0	3	1	9.2	15	7.8
TRIB TO NF INDIAN CREEK #1	86-03	7/12/2001	E	2	100	1.0:1.2:0.0	3	1	8.35	15.2	7.2
NF INDIAN CREEK	86-04	8/8/1995	D				3	2		20	
NF INDIAN CREEK	86-04	7/10/1996	D				3	3		22.5	
NF INDIAN CREEK	86-04	8/23/2000	E	4	142	1.0:3.1:0.9	3	2	8.2	19	8.2
NF INDIAN CREEK	86-04	7/12/2001	E	7	165	1.0:1.0:0.0	3	2	8.9	20.7	8.1
NF INDIAN CREEK	86-05	8/8/1995	D				3	2		22.5	
NF INDIAN CREEK	86-05	7/10/1996	D				3	3		25	
NF INDIAN CREEK	86-05	8/23/2000	E	3	108	1.0:2.3:0.0	3	2	8.4	17	7.9
NF INDIAN CREEK	86-05	7/12/2001	E	4	114	1.0:2.4:0.0	3	1	7.4	21.1	7.9
WEST BRANCH N.F. INDIAN CREEK	86-06	8/8/1995	V				3	1		17	
WEST BRANCH N.F. INDIAN CREEK	86-06	7/10/1996	D				3	2		18.5	
WEST BRANCH N.F. INDIAN CREEK	86-06	8/23/2000	E	2	100	1.0:0.5:0.0	3	1	9	15	7.4
WEST BRANCH N.F. INDIAN CREEK	86-06	7/12/2001	E	3	106	1.0:2.7:0.0	3	1	8.42	16.7	7.9

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A99. Summary of results for aquatic species surveys within the Navarro River watershed, Mendocino Co., California. Refer to Maps 19-25.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
NAVARRO RIVER	88-01	6/16/1995	PRESENT	PRESENT	PRESENT			CRY RCH
NAVARRO RIVER	88-01	6/13/1996	PRESENT	PRESENT	PRESENT			RCH SCP STB
NAVARRO RIVER	88-01	9/18/2000	5					RCH STB
NAVARRO RIVER	88-01	7/19/2001	11	3				PR RCH STB
COLD SPRING CREEK	88-02	7/11/1996	PRESENT	PRESENT	PRESENT			PGS YLF
COLD SPRING CREEK	88-02	10/5/2000	1	2				PGS
COLD SPRING CREEK	88-02	7/19/2001	1					PGS YLF
TRIB TO DAGO CREEK #1	88-03	7/11/1996	PRESENT	PRESENT	PRESENT			PGS YLF
TRIB TO DAGO CREEK #1	88-03	10/12/2000	9	1				
TRIB TO DAGO CREEK #1	88-03	7/19/2001		1				PGS
DAGO CREEK	88-04	7/11/1996		PRESENT				CNT PGS
DAGO CREEK	88-04	10/12/2000	5					PGS SCP
DAGO CREEK	88-04	7/19/2001	1	2				
DAGO CREEK	88-05	7/11/1996						PGS
DAGO CREEK	88-05	10/12/2000	4	1				PGS

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B99. Summary of site parameters within the Navarro River watershed, Mendocino Co., California. Refer to Maps 19-25.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
NAVARRO RIVER	88-01	6/16/1995	D				3	3		18	
NAVARRO RIVER	88-01	6/13/1996	D				3	3		24	
NAVARRO RIVER	88-01	9/18/2000	E	3	327	1.0:0.2:0.0	3	2	6.5	17	6.2
NAVARRO RIVER	88-01	7/19/2001	D		150	1.0:0.0:0.0	3	2	6.17	21.2	7
COLD SPRING CREEK	88-02	7/11/1996	E	7			3	2		18.5	
COLD SPRING CREEK	88-02	10/5/2000	E	3	112	1.0:0.6:0.0	3	1	9.1	13	6.5
COLD SPRING CREEK	88-02	7/19/2001	E	2	100	1.0:1.1:0.0	3	1	8.1	13.7	7.4
TRIB TO DAGO CREEK #1	88-03	7/11/1996	E	8			3	1		18.5	
TRIB TO DAGO CREEK #1	88-03	10/12/2000	E	2	100	1.0:0.1:0.0	3	1	10.1	9	7.5
TRIB TO DAGO CREEK #1	88-03	7/19/2001	E	2	116	1.0:1.4:0.0	3	1	7.8	13.6	6.8
DAGO CREEK	88-04	7/11/1996	E	6			3	1		16	
DAGO CREEK	88-04	10/12/2000	E	2	97	1.0:0.2:0.0	3	1	7	11	6.9
DAGO CREEK	88-04	7/19/2001	E	1	120	1.0:0.6:0.0	3	1	5.42	13.8	6.5
DAGO CREEK	88-05	7/11/1996	E	7			3	1		14	
DAGO CREEK	88-05	10/12/2000	E	2	112	1.0:0.8:0.0	3	1	10	10	7.4

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A100. Summary of results for aquatic species surveys within the Navarro River watershed, Mendocino Co., California. Refer to Maps 19-25.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
DAGO CREEK	88-05	7/19/2001		1				

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B100. Summary of site parameters within the Navarro River watershed, Mendocino Co., California. Refer to Maps 19-25.

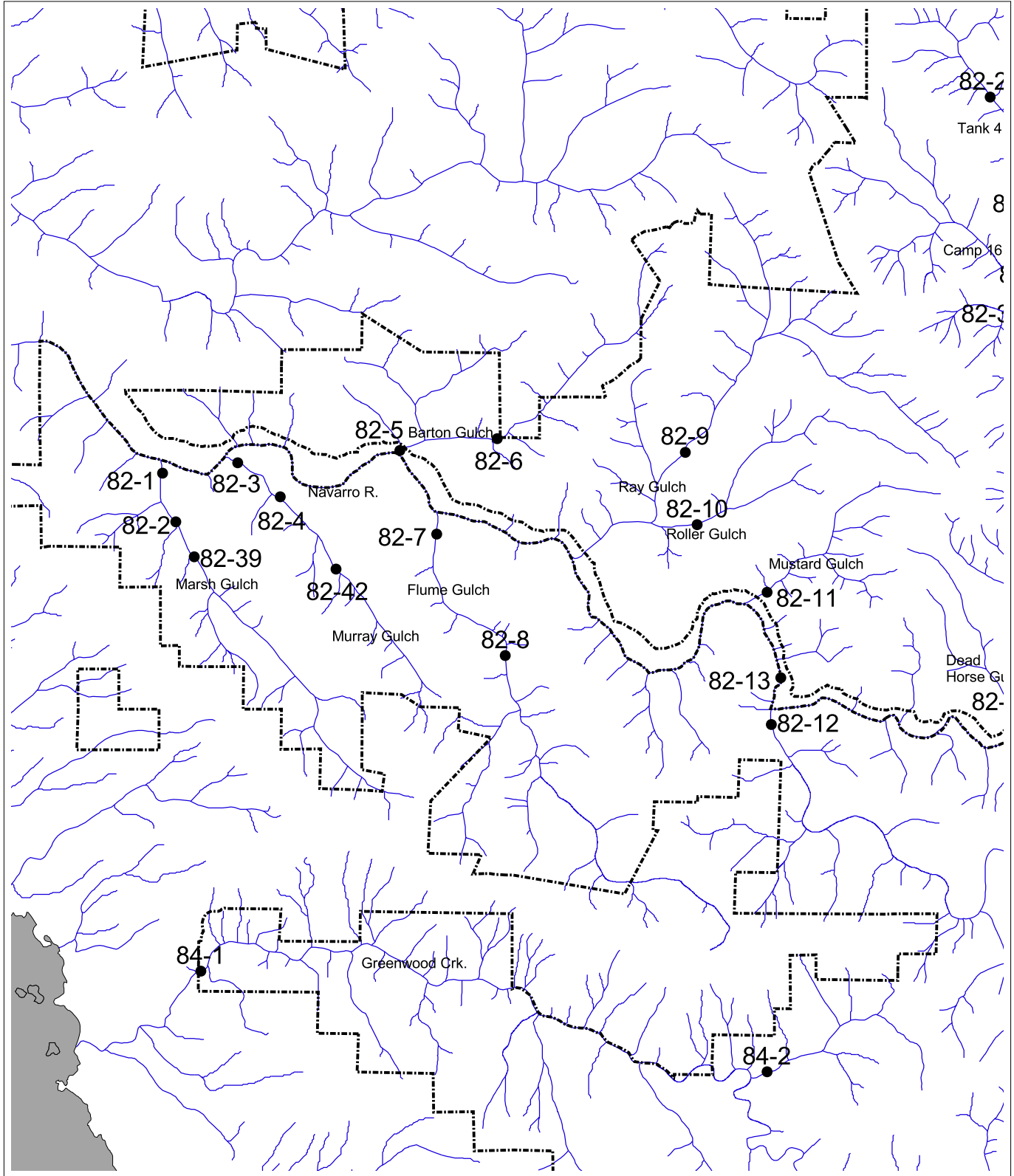
Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
DAGO CREEK	88-05	7/19/2001	E	2	93	1.0:0.2:0.0	3	1	7.5	12.9	6.9

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

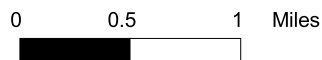
Map 19: Lower Navarro River



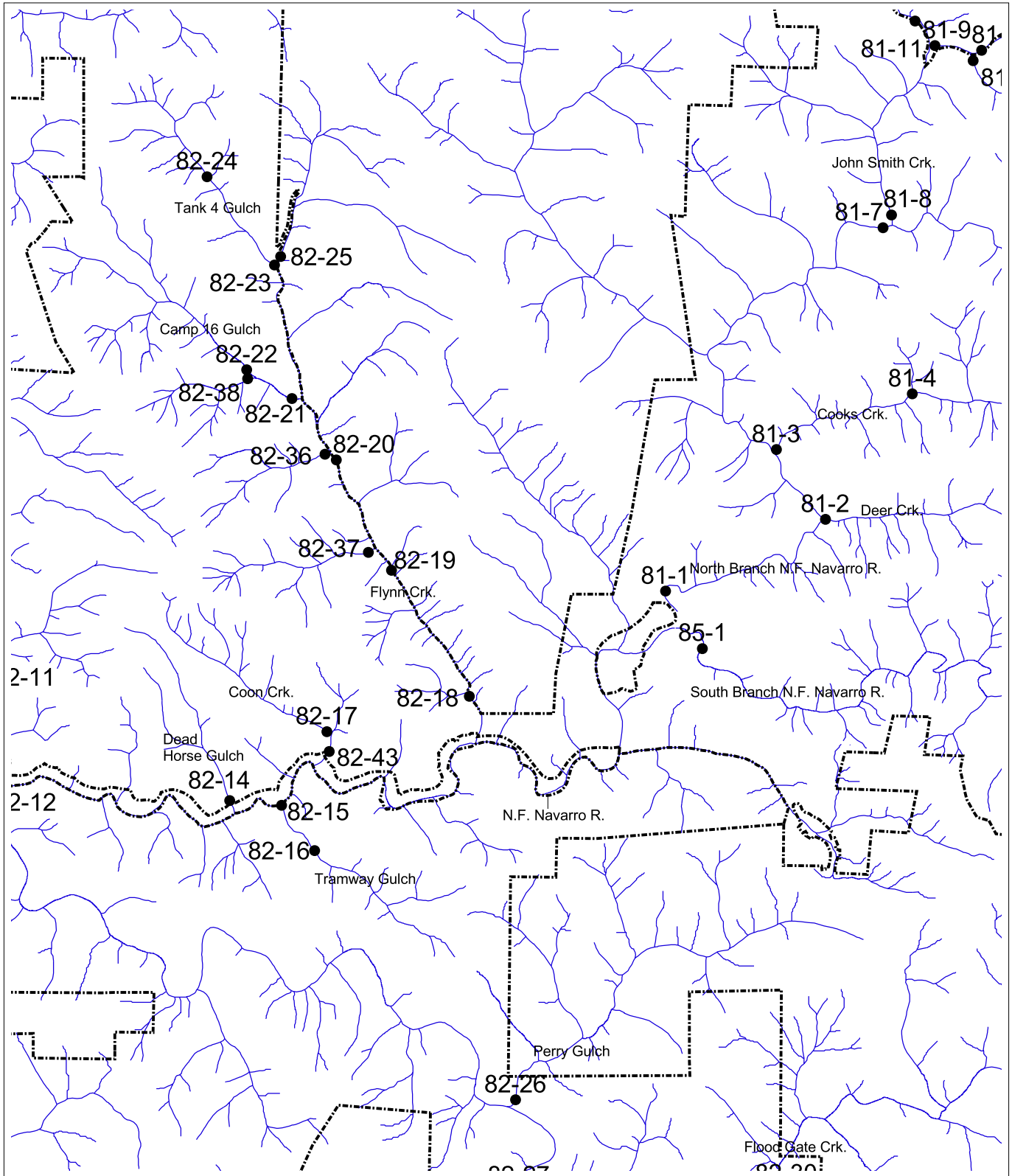
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Mendocino Redwood Company, LLC

- Pacific Ocean
- Site ID
- MRC Ownership
- Watercourse



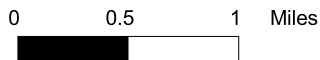
Map 20: Flynn Creek



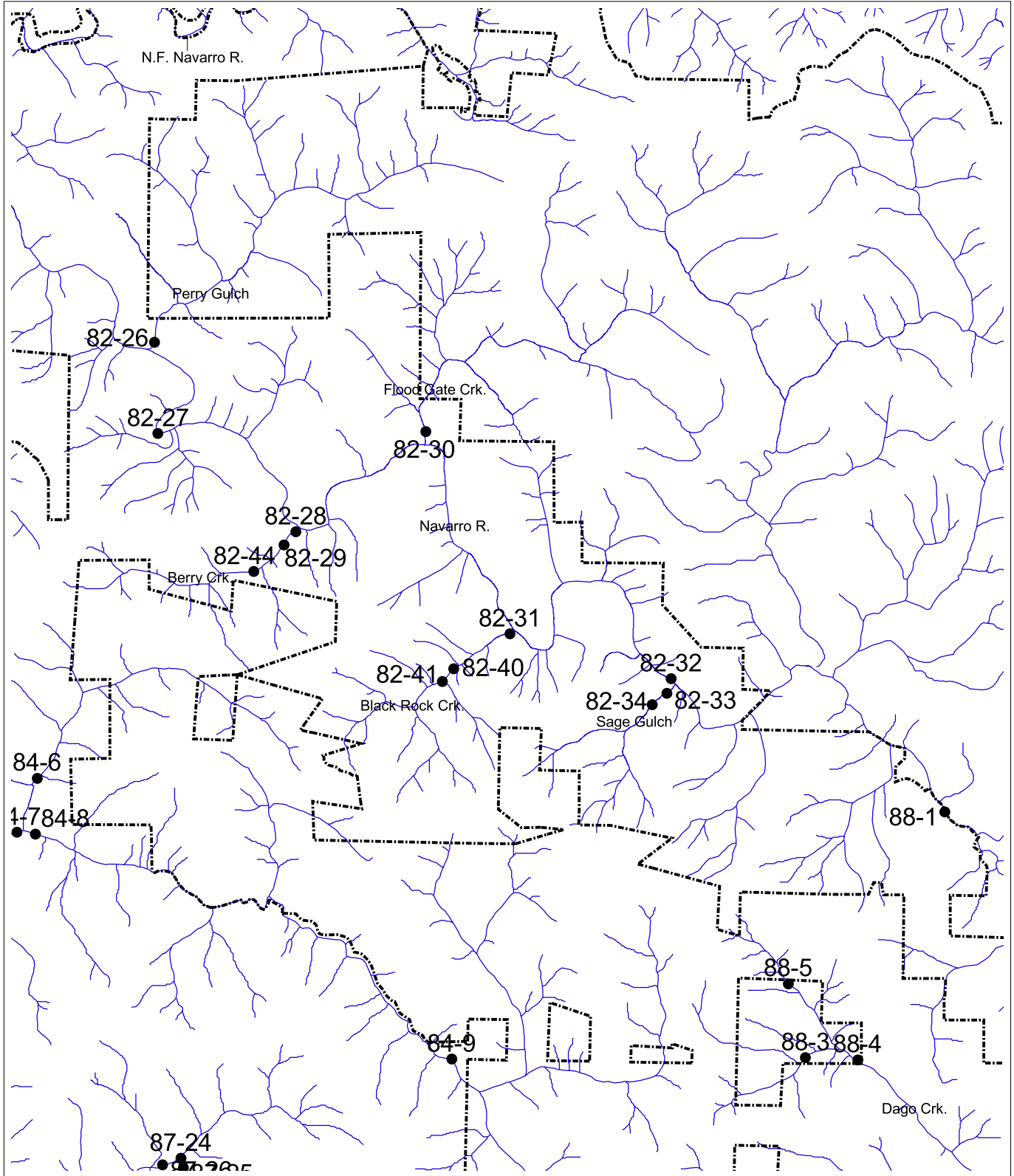
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Mendocino Redwood Company, LLC

● Site ID
--- MRC Ownership
~ Watercourse



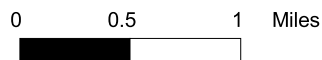
Map 21: Upper Navarro River



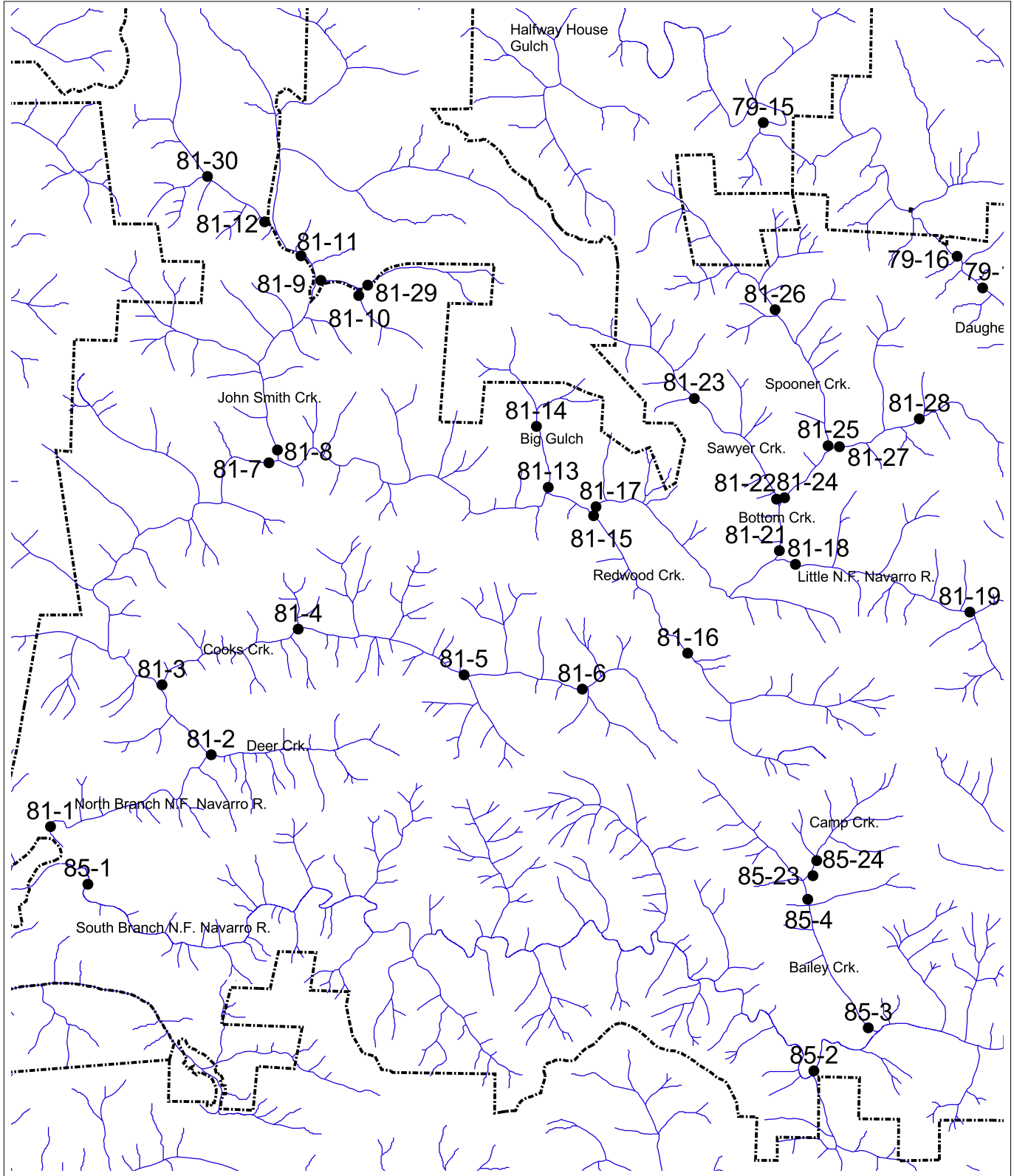
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Mendocino Redwood Company, LLC

- Site ID
- MRC Ownership
- Watercourse



Map 22: Lower North Branch N.F. Navarro River



1:55000

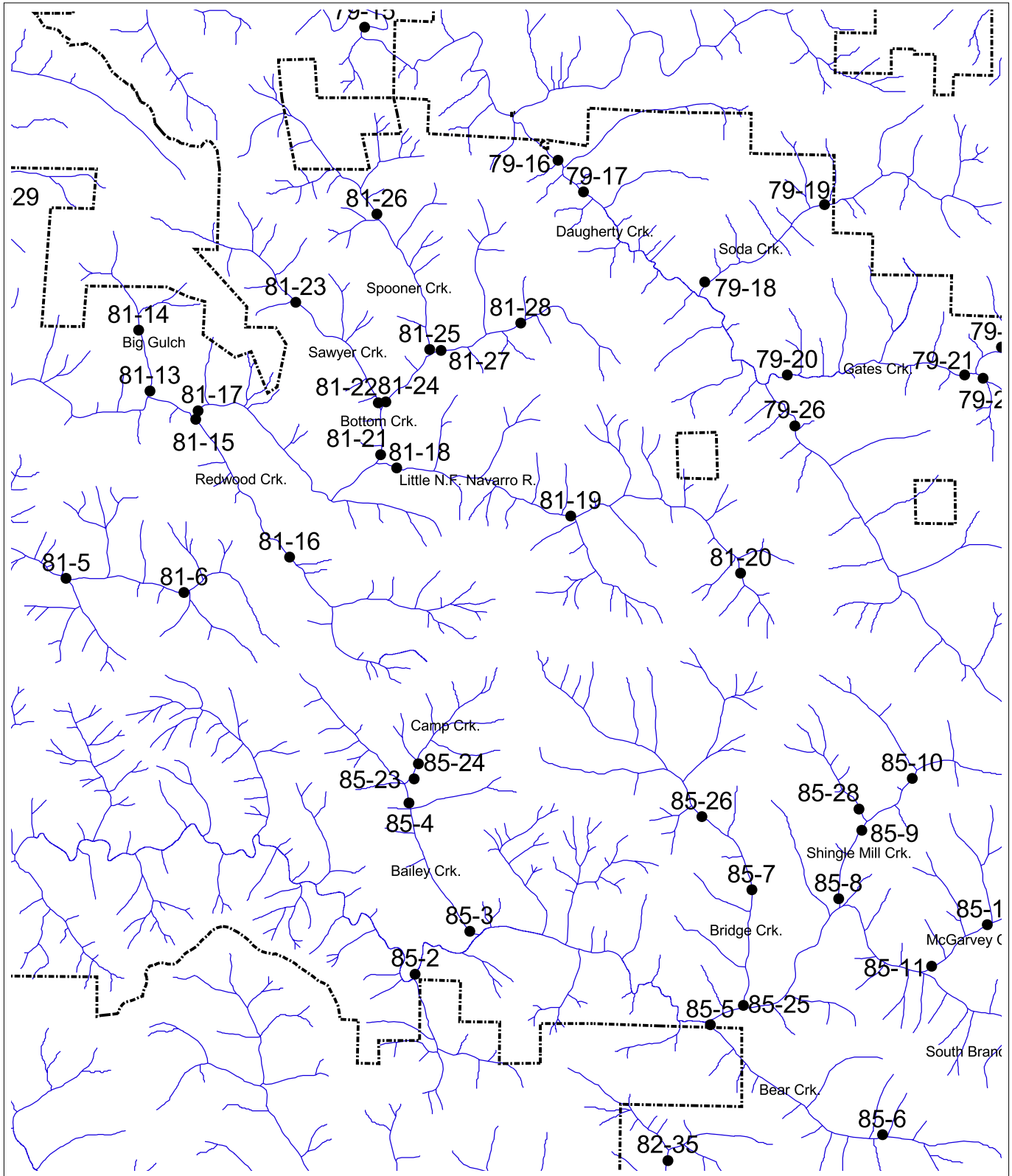
Mendocino Redwood Company, LLC

● Site ID
--- MRC Ownership
~ Watercourse

0 0.5 1 Miles



Map 23: Upper North Branch N.F. Navarro River



1:55000

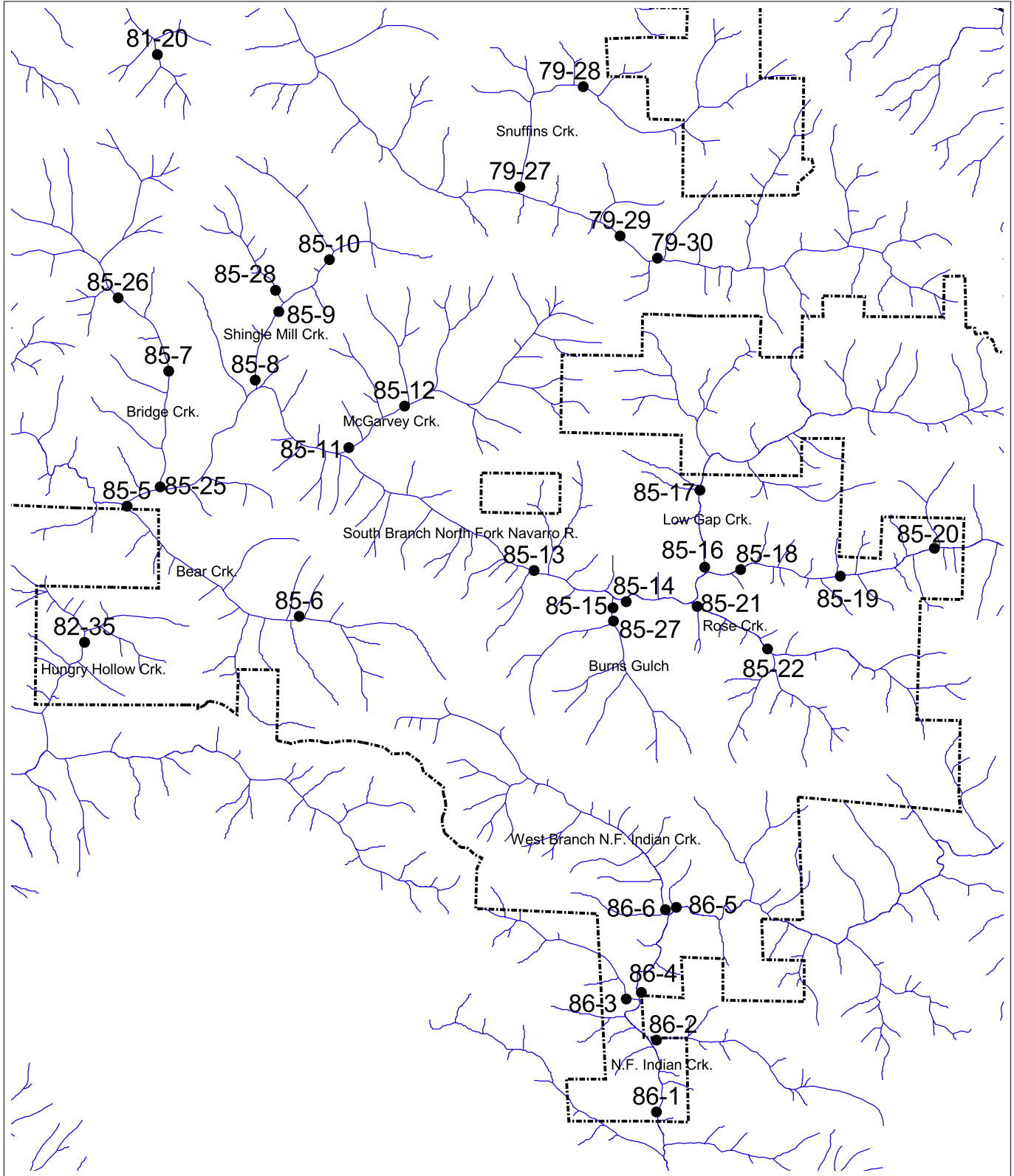
Mendocino Redwood Company, LLC

● Site ID
--- MRC Ownership
~ Watercourse

0 0.5 1 Miles

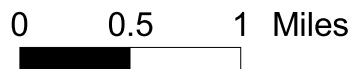


Map 24: Upper South Branch N.F. Navarro River

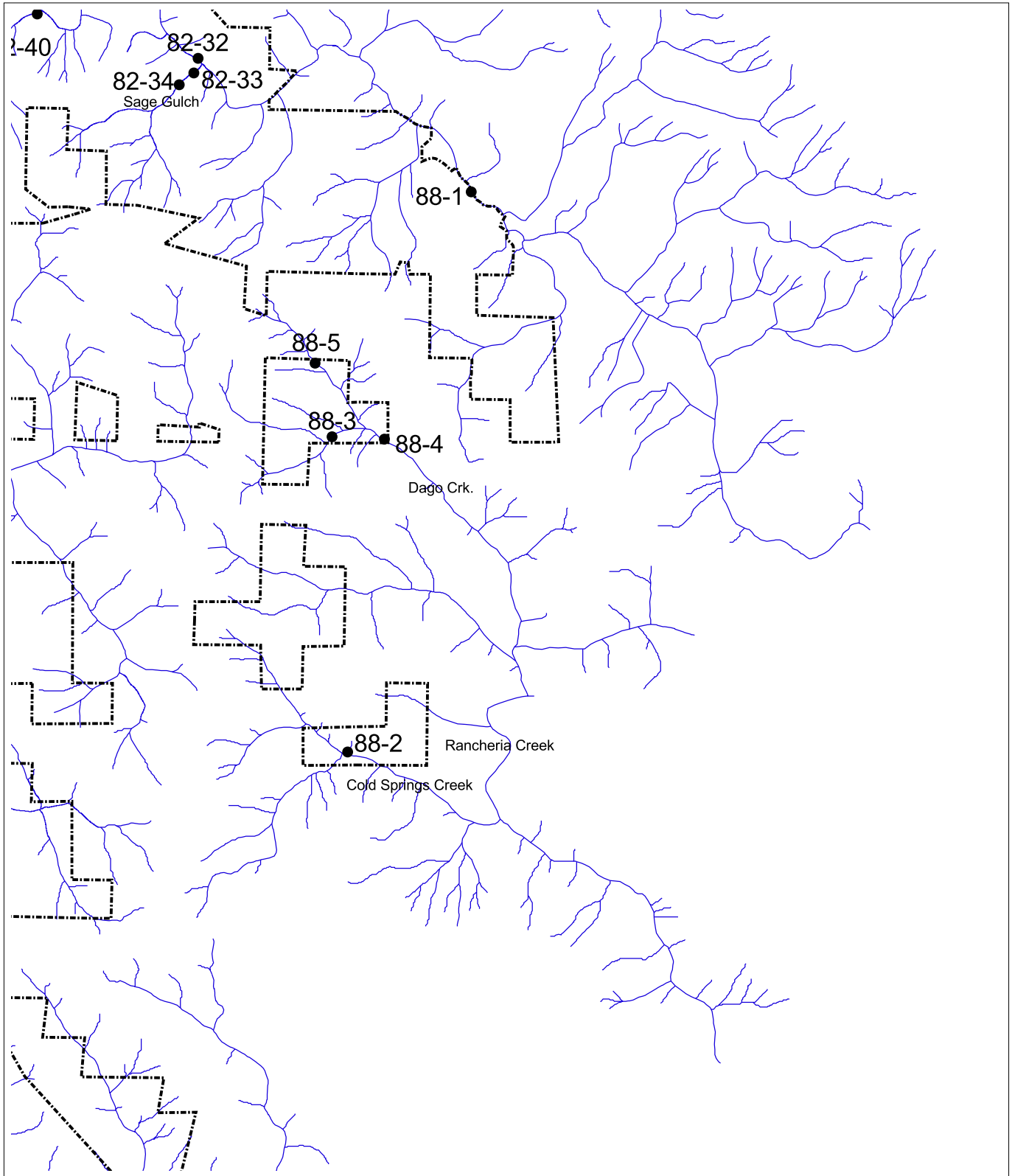


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Mendocino Redwood Company, LLC



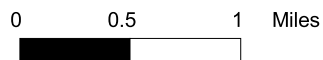
Map 25: Rancheria Creek



1:55000

Mendocino Redwood Company, LLC

● Site ID
- - - MRC Ownership
~ Watercourse



Appendix 6: UTM coordinates and latitude / longitude of sites within the Navarro River Inventory Block.

Basin	Site ID	Easting Coordinate	Northing Coordinate	Latitude	Longitude
Navarro River	81-01	451551	4336074	39.174419	-123.560875
	81-02	453131	4336783	39.180897	-123.542633
	81-03	452647	4337473	39.187088	-123.548286
	81-04	453990	4338021	39.192097	-123.532776
	81-05	455623	4337573	39.188145	-123.513832
	81-06	456787	4337432	39.186935	-123.500351
	81-07	453701	4339661	39.20686	-123.536232
	81-08	453782	4339789	39.208019	-123.535301
	81-09	454214	4341458	39.22308	-123.530411
	81-10	454587	4341309	39.221756	-123.526077
	81-11	454015	4341700	39.22525	-123.53273
	81-12	453656	4342035	39.228249	-123.536919
	81-13	456451	4339422	39.204849	-123.504364
	81-14	456337	4340021	39.210239	-123.505722
	81-15	456901	4339142	39.202347	-123.499138
	81-16	457828	4337784	39.190155	-123.488319
	81-17	456924	4339229	39.203133	-123.498878
	81-18	458886	4338663	39.198128	-123.47612
	81-19	460605	4338189	39.193935	-123.456184
	81-20	462283	4337623	39.188911	-123.436722
	81-21	458729	4338795	39.19931	-123.477943
	81-22	458703	4339305	39.203903	-123.478279
	81-23	457890	4340297	39.212803	-123.487755
	81-24	458779	4339317	39.204018	-123.477402
	81-25	459211	4339831	39.208668	-123.472427
	81-26	458689	4341169	39.220699	-123.478554
	81-27	459322	4339822	39.208591	-123.471138
	81-28	460110	4340093	39.211071	-123.462029
	81-29	454673	4341413	39.222698	-123.525093
	81-30	453096	4342483	39.232254	-123.543434
82-01	438870	4336459	39.17709	-123.707703	
82-02	439001	4335978	39.172768	-123.706139	
82-03	439614	4336564	39.178089	-123.699097	
82-04	440032	4336225	39.175064	-123.694229	
82-05	441284	4336720	39.179607	-123.679779	
82-06	442169	4336798	39.18037	-123.66954	
82-07	441571	4335860	39.171879	-123.676384	
82-08	442249	4334661	39.161121	-123.668434	
82-09	444022	4336667	39.179314	-123.648079	
82-10	444138	4335951	39.172867	-123.646675	
82-11	444829	4335287	39.166927	-123.638626	
82-12	444870	4333982	39.155174	-123.638046	
82-13	444963	4334444	39.15934	-123.637001	
82-14	447251	4334009	39.155563	-123.610489	
82-15	447761	4333962	39.15517	-123.604584	
82-16	448086	4333514	39.151154	-123.600792	
82-17	448209	4334688	39.161739	-123.599457	
82-18	449614	4335040	39.164993	-123.583221	
82-19	448848	4336283	39.176147	-123.592178	

Appendix 6: UTM coordinates and latitude / longitude of sites within the Navarro River Inventory Block.

Basin	Site ID	Easting Coordinate	Northing Coordinate	Latitude	Longitude
Navarro River	82-20	448304	4337369	39.185902	-123.598557
	82-21	447867	4337975	39.191338	-123.603668
	82-22	447419	4338259	39.193871	-123.608879
	82-23	447691	4339295	39.20322	-123.605804
	82-24	447025	4340165	39.211021	-123.613586
	82-25	447754	4339380	39.203991	-123.60508
	82-26	450072	4331057	39.129131	-123.577621
	82-27	450105	4330155	39.121002	-123.577179
	82-28	451463	4329187	39.112358	-123.561401
	82-29	451344	4329058	39.111191	-123.562767
	82-30	452743	4330177	39.121349	-123.546661
	82-31	453572	4328181	39.103409	-123.536942
	82-32	455159	4327741	39.099525	-123.518555
	82-33	455116	4327597	39.098225	-123.519043
	82-34	454975	4327482	39.097183	-123.520668
	82-35	461564	4331829	39.136669	-123.444717
	82-36	448192	4337429	39.186436	-123.599861
	82-37	448620	4336457	39.177704	-123.594833
	82-38	447428	4338171	39.193077	-123.608765
	82-39	439184	4335636	39.169697	-123.703995
	82-40	453018	4327838	39.100288	-123.54332
	82-41	452904	4327714	39.099163	-123.544632
	82-42	440580	4335513	39.168686	-123.68782
	82-43	448232	4334492	39.159973	-123.599174
	82-44	451049	4328797	39.108822	-123.566162
	85-01	451918	4335510	39.169357	-123.556587
	85-02	459070	4333668	39.153126	-123.473686
	85-03	459607	4334091	39.156963	-123.467499
	85-04	459007	4335358	39.168354	-123.474518
	85-05	461983	4333169	39.148762	-123.439949
	85-06	463682	4332084	39.139057	-123.420227
	85-07	462393	4334501	39.160782	-123.43528
	85-08	463248	4334411	39.160007	-123.425377
	85-09	463478	4335089	39.166126	-123.422752
	85-10	463977	4335600	39.170753	-123.417
	85-11	464167	4333747	39.154064	-123.414703
85-12	464718	4334154	39.157753	-123.408348	
85-13	465996	4332536	39.143223	-123.393478	
85-14	466774	4332285	39.140991	-123.38446	
85-15	466815	4332270	39.140858	-123.383987	
85-16	467676	4332567	39.143566	-123.374039	
85-17	467627	4333326	39.150406	-123.374641	
85-18	468030	4332543	39.143364	-123.369942	

Appendix 6: UTM coordinates and latitude / longitude of sites within the Navarro River Inventory Block.

Basin	Site ID	Easting Coordinate	Northing Coordinate	Latitude	Longitude
Navarro River	85-19	469012	4332478	39.142815	-123.358574
	85-20	469938	4332753	39.145325	-123.34787
	85-21	467602	4332180	39.140079	-123.374878
	85-22	468296	4331762	39.136337	-123.366829
	85-23	459000	4335578	39.170334	-123.474609
	85-24	459026	4335612	39.170643	-123.474312
	85-25	462309	4333360	39.150497	-123.436188
	85-26	461898	4335222	39.167259	-123.441048
	85-27	466762	4332154	39.139812	-123.384598
	85-28	463507	4335195	39.167084	-123.422424
	86-01	467202	4327199	39.095177	-123.379265
	86-02	467202	4327907	39.101559	-123.379295
	86-03	466902	4328314	39.105213	-123.38279
	86-04	467052	4328378	39.105797	-123.381058
	86-05	467395	4329214	39.113342	-123.377129
	86-06	467287	4329193	39.113152	-123.37838
	88-01	458049	4326256	39.086288	-123.485046
	88-02	456634	4320898	39.037937	-123.50106
	88-03	456484	4324006	39.065937	-123.502998
	88-04	456999	4323984	39.065765	-123.49704
88-05	456313	4324734	39.072487	-123.50502	

Table A101. Summary of results for aquatic species surveys within the Greenwood Creek watershed, Mendocino Co., California. Refer to Maps 26-27.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
GREENWOOD CREEK	84-01	8/4/1994	2	3	2			SCP STB
GREENWOOD CREEK	84-01	6/16/1995	PRESENT	PRESENT	PRESENT			SCP STB
GREENWOOD CREEK	84-01	7/27/1996	PRESENT	PRESENT	PRESENT			RCH STB YLF
GREENWOOD CREEK	84-01	7/28/2000	11	2				CRY SCP
GREENWOOD CREEK	84-01	7/27/2001	11	5				CR PR YLF
TRIB TO GREENWOOD CREEK #1	84-02	8/12/1996	PRESENT	PRESENT	PRESENT			PGS
TRIB TO GREENWOOD CREEK #1	84-02	7/28/2000	10					RLF
TRIB TO GREENWOOD CREEK #1	84-02	7/30/2001	9					PGS
GREENWOOD CREEK	84-03	8/4/1994	18	9	1			PGS RCH
GREENWOOD CREEK	84-03	6/22/1995	PRESENT	PRESENT	PRESENT			RCH
GREENWOOD CREEK	84-03	6/13/1996	PRESENT	PRESENT	PRESENT			NEW RCH YLF
GREENWOOD CREEK	84-03	7/28/2000	16	3				PGS
GREENWOOD CREEK	84-03	7/27/2001	45	7	1			YLF
GREENWOOD CREEK	84-04	8/4/1994	24	5				PGS
GREENWOOD CREEK	84-04	6/22/1995	PRESENT	PRESENT				CNT NEW

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B101. Summary of site parameters within the Greenwood Creek watershed, Mendocino Co., California. Refer to Maps 26-27.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
GREENWOOD CREEK	84-01	8/4/1994	E	5	100		3	2		15	
GREENWOOD CREEK	84-01	6/16/1995	D				3	3		13	
GREENWOOD CREEK	84-01	7/27/1996	D				3	3		15	
GREENWOOD CREEK	84-01	7/28/2000	E	4	117	1.0:2.3:1.0	3	1	9.7	15	7.8
GREENWOOD CREEK	84-01	7/27/2001	E	4	112	1.0:0.9:0.0	3	2	10.5	15.1	8.0
TRIB TO GREENWOOD CREEK #1	84-02	8/12/1996	E	5			3	1		14	
TRIB TO GREENWOOD CREEK #1	84-02	7/28/2000	E	3	97	1.0:0.8:0.0	3	1	7	14	7.2
TRIB TO GREENWOOD CREEK #1	84-02	7/30/2001	E	2	90	1.0:1.0:0.0	3	0	5.08	13.6	6.6
GREENWOOD CREEK	84-03	8/4/1994	E	5	95		3	1		20	
GREENWOOD CREEK	84-03	6/22/1995	D				3	3		13	
GREENWOOD CREEK	84-03	6/13/1996	D				3	3		15.5	
GREENWOOD CREEK	84-03	7/28/2000	E	5	263	1.0:0.4:0.0	3	1	10	18	8.2
GREENWOOD CREEK	84-03	7/27/2001	E	4	119	1.0:0.4:0.0	3	2	7.8	16.2	7.8
GREENWOOD CREEK	84-04	8/4/1994	E	5	90		2	1		15	
GREENWOOD CREEK	84-04	6/22/1995	D				3	2		12	

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A102. Summary of results for aquatic species surveys within the Greenwood Creek watershed, Mendocino Co., California. Refer to Maps 26-27.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
GREENWOOD CREEK	84-04	6/13/1996	PRESENT					
GREENWOOD CREEK	84-04	7/28/2000	17					PGS
GREENWOOD CREEK	84-04	7/27/2001	17	1				PGS
TRIB TO HEATHER GULCH #1	84-10	7/28/2000	13	6				PGS YLF
TRIB TO HEATHER GULCH #1	84-10	7/27/2001	6	1				PGS
HEATHER GULCH	84-05	8/12/1996	PRESENT	PRESENT	PRESENT			PGS YLF
HEATHER GULCH	84-05	7/28/2000	3	1	1			PGS
HEATHER GULCH	84-05	7/27/2001		5	1			PGS YLF
TRIB TO GREENWOOD CREEK #2	84-06	8/4/1994	2	10	2			PGS
TRIB TO GREENWOOD CREEK #2	84-06	8/4/1995	PRESENT	PRESENT				PGS
TRIB TO GREENWOOD CREEK #2	84-06	6/13/1996	PRESENT					
TRIB TO GREENWOOD CREEK #2	84-06	7/31/2000	8					PGS
TRIB TO GREENWOOD CREEK #2	84-06	7/26/2001	9	5	1			PGS
BIG TREE CREEK	84-07	8/4/1994	20	8				
BIG TREE CREEK	84-07	8/4/1995	PRESENT	PRESENT				PGS

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B102. Summary of site parameters within the Greenwood Creek watershed, Mendocino Co., California. Refer to Maps 26-27.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
GREENWOOD CREEK	84-04	6/13/1996	D				3	2		14	
GREENWOOD CREEK	84-04	7/28/2000	E	2	122	1.0:3.4:0.9	3	1	9.3	16	8
GREENWOOD CREEK	84-04	7/27/2001	E	2	115	1.0:1.7:0.0	3	1	8.1	13.1	7.5
TRIB TO HEATHER GULCH #1	84-10	7/28/2000	E	3	74	1.0:0.4:0.0	3	1	9.2	16	7.7
TRIB TO HEATHER GULCH #1	84-10	7/27/2001	E	2	118	1.0:2.2:0.0	3	1	7.17	12.1	7.2
HEATHER GULCH	84-05	8/12/1996	E	5			3	1		16.5	
HEATHER GULCH	84-05	7/28/2000	E	2	90	1.0:0.4:0.7	3	1	7.67	15	7.4
HEATHER GULCH	84-05	7/27/2001	E	3	90	1.0:0.9:0.0	3	1	6.04	12.7	6.8
TRIB TO GREENWOOD CREEK #2	84-06	8/4/1994	E	5	75		2	1		18	
TRIB TO GREENWOOD CREEK #2	84-06	8/4/1995	E	7			3	1		14.5	
TRIB TO GREENWOOD CREEK #2	84-06	6/13/1996	V	8			3	2		15	
TRIB TO GREENWOOD CREEK #2	84-06	7/31/2000	E	2	87	1.0:0.6:0.0	3	1	8.26	14	7.9
TRIB TO GREENWOOD CREEK #2	84-06	7/26/2001	E	3	111	1.0:1.1:0.0	3	1	7.2	13.6	7.4
BIG TREE CREEK	84-07	8/4/1994	E	5	50		2	1		17.5	
BIG TREE CREEK	84-07	8/4/1995	E	4			3	1		15	

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A103. Summary of results for aquatic species surveys within the Greenwood Creek watershed, Mendocino Co., California. Refer to Maps 26-27.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
BIG TREE CREEK	84-07	6/13/1996	PRESENT	PRESENT				
BIG TREE CREEK	84-07	7/31/2000	12	2				PGS
BIG TREE CREEK	84-07	7/26/2001	1					PGS
GREENWOOD CREEK	84-08	8/4/1994	7	4	3			RCH
GREENWOOD CREEK	84-08	6/16/1995	PRESENT	PRESENT				NEW PGS
GREENWOOD CREEK	84-08	6/13/1996	PRESENT	PRESENT	PRESENT			
GREENWOOD CREEK	84-08	7/31/2000	23	10	1			PGS RCH YLF
GREENWOOD CREEK	84-08	7/26/2001	26	2	1			PGS YLF
GREENWOOD CREEK	84-09	8/12/1996	PRESENT	PRESENT	PRESENT			PGS
GREENWOOD CREEK	84-09	7/31/2000	3	2				PGS
GREENWOOD CREEK	84-09	7/26/2001		2				CNT PGS

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B103. Summary of site parameters within the Greenwood Creek watershed, Mendocino Co., California. Refer to Maps 26-27.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
BIG TREE CREEK	84-07	6/13/1996	D				2	2		13	
BIG TREE CREEK	84-07	7/31/2000	E	4	108	1.0:0.3:0.1	3	1	8.1	15	7.6
BIG TREE CREEK	84-07	7/26/2001	E	3	94	1.0:1.6:0.0	3	1	7.11	13.8	6.6
GREENWOOD CREEK	84-08	8/4/1994	E	5	50		3	1		18	
GREENWOOD CREEK	84-08	6/16/1995	D				3	3		12.5	
GREENWOOD CREEK	84-08	6/13/1996	D				3	2		14	
GREENWOOD CREEK	84-08	7/31/2000	E	6	129	1.0:0.1:0.1	3	1	7.9	17	8.2
GREENWOOD CREEK	84-08	7/26/2001	E	4	102	1.0:1.2:0.0	3	2	8.45	14.6	7.6
GREENWOOD CREEK	84-09	8/12/1996	E	7			3	1		16.5	
GREENWOOD CREEK	84-09	7/31/2000	E	5	177	1.0:0.8:0.0	3	1	8	15	8.2
GREENWOOD CREEK	84-09	7/26/2001	E	4	96	1.0:1.1:0.0	3	2	6.7	16.5	7.5

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A104. Summary of results for aquatic species surveys within the Elk Creek watershed, Mendocino Co., California. Refer to Maps 28-29.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
TRIB TO ELK CREEK #1	87-01	7/27/1996						PGS RLF
TRIB TO ELK CREEK #1	87-01	7/27/2000						PGS
TRIB TO ELK CREEK #1	87-01	7/25/2001						PGS
ELK CREEK	87-02	8/23/1994	1	2				PGS RLF SCP
ELK CREEK	87-02	7/27/1996	PRESENT	PRESENT				SCP
ELK CREEK	87-02	7/27/2000	6	7				CR
ELK CREEK	87-02	7/18/2001	28	5	1			CR STB
SF ELK CREEK	87-03	8/4/1995	PRESENT	PRESENT		PRESENT		PGS SCP
SF ELK CREEK	87-03	7/27/1996	PRESENT	PRESENT				PGS SCP STB YLF
SF ELK CREEK	87-03	7/27/2000	10	1				CR
SF ELK CREEK	87-03	7/18/2001	8					CR
SF ELK CREEK	87-23	7/27/2000	1					PGS
SF ELK CREEK	87-23	7/18/2001						PGS
SF ELK CREEK	87-04	7/27/2000						PGS YLF
SF ELK CREEK	87-21	8/14/2000		2				PGS

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B104. Summary of site parameters within the Elk Creek watershed, Mendocino Co., California. Refer to Maps 28-29.

Stream Name	SITE ID	DATE	METHOD e=electrofishing d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
TRIB TO ELK CREEK #1	87-01	7/27/1996	E	4			2	1		13	
TRIB TO ELK CREEK #1	87-01	7/27/2000	E	2	100	1.0:0.7:0.0	3	1	8.9	12	7.7
TRIB TO ELK CREEK #1	87-01	7/25/2001	E	3	110	1.0:2.3:0.0	3	1	8.85	12.2	7.4
ELK CREEK	87-02	8/23/1994	E	5	55		2	1		14	
ELK CREEK	87-02	7/27/1996	E	10			3	3		14	
ELK CREEK	87-02	7/27/2000	E	4	85	1.0:1.8:0.6	3	3	8.5	15	7.7
ELK CREEK	87-02	7/18/2001	E	6	144	1.0:0.6:0.0	3	2		14.7	7.6
SF ELK CREEK	87-03	8/4/1995	E	5			3	2		13.5	
SF ELK CREEK	87-03	7/27/1996	E	11			3	2		12.5	
SF ELK CREEK	87-03	7/27/2000	E	2	108	1.0:0.9:0.0	3	1	9.6	13	7.8
SF ELK CREEK	87-03	7/18/2001	E	3	93	1.0:0.7:0.0	3	1		12.6	7.6
SF ELK CREEK	87-23	7/27/2000	E	3	128	1.0:4.8:1.3	3	2	8.7	14	8.2
SF ELK CREEK	87-23	7/18/2001	E	4	123	1.0:0.8:0.0	3	1		11.9	7.3
SF ELK CREEK	87-04	7/27/2000	E	3	97	1.0:1.8:0.0	3	1	8.5	13	7.4
SF ELK CREEK	87-21	8/14/2000	E	2	94	1.0:7.5:0.0	3	1	11.1	12	7.7

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A105. Summary of results for aquatic species surveys within the Elk Creek watershed, Mendocino Co., California. Refer to Maps 28-29.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
SF ELK CREEK	87-21	7/18/2001	2					PGS
LITTLE SF ELK CREEK	87-20	8/14/2000		2	1			PGS
LITTLE SF ELK CREEK	87-20	7/18/2001	5					PGS
SF ELK CREEK	87-22	8/14/2000						PGS
SF ELK CREEK	87-22	7/18/2001						PGS
SF ELK CREEK	87-05	8/5/1994	22	15	2			AMM SCP
SF ELK CREEK	87-05	7/31/2000	41	19				PGS STB YLF
SF ELK CREEK	87-05	7/19/2001	13	12				PR
TRIB TO ELK CREEK #2	87-31	7/31/2000		1				PGS
TRIB TO ELK CREEK #2	87-31	7/20/2001						PGS
ELK CREEK	87-06	6/21/1995	PRESENT	PRESENT				
ELK CREEK	87-06	6/14/1996	PRESENT	PRESENT				SCP
ELK CREEK	87-07	6/21/1995	PRESENT	PRESENT	PRESENT			PGS
ELK CREEK	87-07	6/14/1996	PRESENT	PRESENT				YLF
ELK CREEK	87-07	7/31/2000	26	10	1			PGS

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B105. Summary of site parameters within the Elk Creek watershed, Mendocino Co., California. Refer to Maps 28-29.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
SF ELK CREEK	87-21	7/18/2001	E	3	91	1.0:2.5:0.0	3	1	8.2	11.5	7.8
LITTLE SF ELK CREEK	87-20	8/14/2000	E	5	238	1.0:5.0:0.0	3	1	10.2	13	6.7
LITTLE SF ELK CREEK	87-20	7/18/2001	E	3	170	1.0:0.9:0.0	3	1	5.04	12.5	7.8
SF ELK CREEK	87-22	8/14/2000	E	6	173	1.0:2.4:0.3	3	1	10.6	12	7.6
SF ELK CREEK	87-22	7/18/2001	E	2	115	1.0:1.3:0.0	3	1	8.42	11.6	7.7
SF ELK CREEK	87-05	8/5/1994	E	10	105		3	2		16.5	
SF ELK CREEK	87-05	7/31/2000	E	4	124	1.0:0.8:1.1	3	2	9.1	18	7.9
SF ELK CREEK	87-05	7/19/2001	E	7	126	1.0:0.3:0.0	3	2		15	8.0
TRIB TO ELK CREEK #2	87-31	7/31/2000	E	2	108	1.0:1.4:0.0	3	1	10	13	7.5
TRIB TO ELK CREEK #2	87-31	7/20/2001	E	3	90	1.0:1.1:0.0	3	1		12.4	7.5
ELK CREEK	87-06	6/21/1995	D				3	3		16.5	
ELK CREEK	87-06	6/14/1996	D				3	3		16	
ELK CREEK	87-07	6/21/1995	D				3	3		16	
ELK CREEK	87-07	6/14/1996	D				3	3		14.5	
ELK CREEK	87-07	7/31/2000	E	5	164	1.0:0.9:0.7	3	3	9.5	17	7.9

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A106. Summary of results for aquatic species surveys within the Elk Creek watershed, Mendocino Co., California. Refer to Maps 28-29.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
ELK CREEK	87-07	7/19/2001	23	4				AMM PGS
TRIB TO ELK CREEK #3	87-08	8/5/1994	3	3	1			PGS
TRIB TO ELK CREEK #3	87-08	6/21/1995	PRESENT	PRESENT	PRESENT			
TRIB TO ELK CREEK #3	87-08	6/14/1996		PRESENT				
TRIB TO ELK CREEK #3	87-08	7/31/2000	1	4	1			PGS
TRIB TO ELK CREEK #3	87-08	7/19/2001	1	5				PGS
ELK CREEK	87-09	8/5/1994	13	15	3			AMM PGS
ELK CREEK	87-09	7/28/2000	10	2				PGS
TRIB TO ELK CREEK #4	87-10	8/4/1995	PRESENT	PRESENT	PRESENT			PGS
TRIB TO ELK CREEK #4	87-10	6/14/1996		PRESENT	PRESENT			PGS
TRIB TO ELK CREEK #4	87-10	7/28/2000	2	1				PGS
TRIB TO ELK CREEK #4	87-10	7/23/2001	1	1				
TRIB TO ELK CREEK #4	87-11	7/26/1996	PRESENT	PRESENT	PRESENT			
TRIB TO ELK CREEK #4	87-11	7/31/2000	1	4				PGS
TRIB TO ELK CREEK #4	87-32	7/25/2001						PGS

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B106. Summary of site parameters within the Elk Creek watershed, Mendocino Co., California. Refer to Maps 28-29.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
ELK CREEK	87-07	7/19/2001	E	5	106	1.0:0.9:0.0	3	2		15.2	7.9
TRIB TO ELK CREEK #3	87-08	8/5/1994	E	5	105		2	1		14.5	
TRIB TO ELK CREEK #3	87-08	6/21/1995	D				3	2		14	
TRIB TO ELK CREEK #3	87-08	6/14/1996	D				3	2		14	
TRIB TO ELK CREEK #3	87-08	7/31/2000	E	4	150	1.0:1.5:0.0	3	1	10.2	15	7.6
TRIB TO ELK CREEK #3	87-08	7/19/2001	E	4	115	1.0:0.7:0.2	3	2		12.5	7.6
ELK CREEK	87-09	8/5/1994	E	5	115		3	2		16	
ELK CREEK	87-09	7/28/2000	E	6	159	1.0:0.9:0.9	3	3	9.9	14	8
TRIB TO ELK CREEK #4	87-10	8/4/1995	E	3			3	1		16	
TRIB TO ELK CREEK #4	87-10	6/14/1996	D				3	2		14	
TRIB TO ELK CREEK #4	87-10	7/28/2000	E	2	92	1.0:1.7:0.0	3	1	10.1	13	7.8
TRIB TO ELK CREEK #4	87-10	7/23/2001	E	2	100	1.0:0.4:0.0	3	1	10.3	13.1	7.6
TRIB TO ELK CREEK #4	87-11	7/26/1996	E	7			3	2		16	
TRIB TO ELK CREEK #4	87-11	7/31/2000	E	3	123	1.0:1.2:0.4	3	2	9.7	13	7.1
TRIB TO ELK CREEK #4	87-32	7/25/2001	E	2	91	1.0:1.5:0.0	3	1	9.2	12.7	6.6

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A107. Summary of results for aquatic species surveys within the Elk Creek watershed, Mendocino Co., California. Refer to Maps 28-29.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
ELK CREEK	87-12	6/21/1995	PRESENT	PRESENT	PRESENT			PGS
ELK CREEK	87-12	6/14/1996	PRESENT					
ELK CREEK	87-12	7/28/2000	6					PGS
ELK CREEK	87-12	7/23/2001	19	3				
THREE SPRINGS CREEK	87-13	8/8/1994	16	9	2			PGS
THREE SPRINGS CREEK	87-13	8/4/1995	PRESENT	PRESENT	PRESENT			
THREE SPRINGS CREEK	87-13	7/18/1996	PRESENT	PRESENT	PRESENT			PGS YLF
THREE SPRINGS CREEK	87-13	7/28/2000	13					PGS
THREE SPRINGS CREEK	87-13	7/20/2001	8	3				PGS
THREE SPRINGS CREEK	87-14	7/26/1996	PRESENT	PRESENT				
THREE SPRINGS CREEK	87-14	7/28/2000	11					PGS
THREE SPRINGS CREEK	87-14	7/20/2001	22	2				PGS
THREE SPRINGS CREEK	87-26	10/9/2000	5	2	1			
THREE SPRINGS CREEK	87-26	7/20/2001		2				PGS
TRIB TO THREE SPRINGS CREEK #1	87-24	10/9/2000						PGS

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B107. Summary of site parameters within the Elk Creek watershed, Mendocino Co., California. Refer to Maps 28-29.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
ELK CREEK	87-12	6/21/1995	D				3	3		12.5	
ELK CREEK	87-12	6/14/1996	D				3	3		12	
ELK CREEK	87-12	7/28/2000	E	2	100	1.0:0.4:0.0	3	1	9.6	14	7.9
ELK CREEK	87-12	7/23/2001	E	3	102	1.0:0.5:0.0	3	2	10.12	13.8	7.7
THREE SPRINGS CREEK	87-13	8/8/1994	E	5	75		2	1		14.5	
THREE SPRINGS CREEK	87-13	8/4/1995	E	7			3	1		15	
THREE SPRINGS CREEK	87-13	7/18/1996	D				3	2		14	
THREE SPRINGS CREEK	87-13	7/28/2000	E	3	90	1.0:1.8:0.0	3	1	8.9	12	7.9
THREE SPRINGS CREEK	87-13	7/20/2001	E	5	145	1.0:1.8:0.0	3	1		13.5	7.6
THREE SPRINGS CREEK	87-14	7/26/1996	E	8			3	1		16	
THREE SPRINGS CREEK	87-14	7/28/2000	E	3	118	1.0:0.3:0.0	3	1	8.4	12	7.5
THREE SPRINGS CREEK	87-14	7/20/2001	E	5	149	1.0:1.6:0.0	3	1		13	7.3
THREE SPRINGS CREEK	87-26	10/9/2000	E	1	104	1.0:0.6:0.0	3	1	9.1	13	7.5
THREE SPRINGS CREEK	87-26	7/20/2001	E	2	92	1.0:0.8:0.0	3	1		13	7.5
TRIB TO THREE SPRINGS CREEK #1	87-24	10/9/2000	E	1	100	1.0:4.9:0.0	3	1	8.3	13	7.1

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A108. Summary of results for aquatic species surveys within the Elk Creek watershed, Mendocino Co., California. Refer to Maps 28-29.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
TRIB TO THREE SPRINGS CREEK #1	87-24	7/20/2001						PGS
TRIB TO THREE SPRINGS CREEK #2	87-25	10/9/2000						PGS
TRIB TO THREE SPRINGS CREEK #2	87-25	7/20/2001						PGS
SULPHUR FORK CREEK	87-15	8/8/1994	13	10	1			PGS
SULPHUR FORK CREEK	87-15	8/4/1995	PRESENT	PRESENT				PGS
SULPHUR FORK CREEK	87-15	7/18/1996	PRESENT		PRESENT			YLF
SULPHUR FORK CREEK	87-15	7/27/2000	12	1	1			PGS
SULPHUR FORK CREEK	87-15	7/22/2001	4	2				PGS
SULPHUR FORK CREEK	87-16	7/26/1996						PGS
SULPHUR FORK CREEK	87-16	7/27/2000	3		2			PGS
SULPHUR FORK CREEK	87-27	10/10/2000		1				PGS
SULPHUR FORK CREEK	87-27	7/24/2001						PGS
SULPHUR FORK CREEK	87-28	10/10/2000						PGS
SODA FORK CREEK	87-17	8/5/1994	19	3				PGS YLF
SODA FORK CREEK	87-17	8/4/1995	PRESENT	PRESENT				LAM PGS

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B108. Summary of site parameters within the Elk Creek watershed, Mendocino Co., California. Refer to Maps 28-29.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
TRIB TO THREE SPRINGS CREEK #1	87-24	7/20/2001	E	2	101	1.0:1.5:0.0	3	1		12.8	6.5
TRIB TO THREE SPRINGS CREEK #2	87-25	10/9/2000	E	1	157	1.0:1.4:0.0	3	1	7.9	13	7.5
TRIB TO THREE SPRINGS CREEK #2	87-25	7/20/2001	E	1	119	1.0:1.8:0.0	3	1		13.5	7
SULPHUR FORK CREEK	87-15	8/8/1994	E	5	90		2	1		15	
SULPHUR FORK CREEK	87-15	8/4/1995	E	6			3	1		16	
SULPHUR FORK CREEK	87-15	7/18/1996	D				3	1		14	
SULPHUR FORK CREEK	87-15	7/27/2000	E	3	100	1.0:0.5:0.5	3	1	9.3	15	7.9
SULPHUR FORK CREEK	87-15	7/22/2001	E	4	109	1.0:1.0:0.0	3	1	8.34	13.7	7.6
SULPHUR FORK CREEK	87-16	7/26/1996	E	3			3	1		16.5	
SULPHUR FORK CREEK	87-16	7/27/2000	E		90	1.0:1.5:0.0	3	1	8.9	15	7.6
SULPHUR FORK CREEK	87-27	10/10/2000	E	1	58	1.0:0.0:0.0	2	1	6.2	13	6.7
SULPHUR FORK CREEK	87-27	7/24/2001	E	1	73	1.0:1.0:0.0	3	0	5.5	13.9	6.7
SULPHUR FORK CREEK	87-28	10/10/2000	E	1	57	1.0:0.5:0.0	3	1	9.5	13	7.1
SODA FORK CREEK	87-17	8/5/1994	E	5	74		2	1		15.5	
SODA FORK CREEK	87-17	8/4/1995	E	9			3	1		16	

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A109. Summary of results for aquatic species surveys within the Elk Creek watershed, Mendocino Co., California. Refer to Maps 28-29.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
SODA FORK CREEK	87-17	7/18/1996	PRESENT	PRESENT	PRESENT			CNT PGS YLF
SODA FORK CREEK	87-17	7/27/2000	19	4				PGS YLF
SODA FORK CREEK	87-17	7/23/2001	9					PGS YLF
SODA FORK CREEK	87-18	7/26/1996	PRESENT	PRESENT	PRESENT			PGS
SODA FORK CREEK	87-18	7/27/2000	18	5	1			PGS
SODA CREEK	87-29	10/10/2000	8	2				
SODA CREEK	87-29	7/24/2001	5	3				PGS
SODA CREEK	87-30	10/10/2000						PGS
SODA CREEK	87-30	7/24/2001						PGS
ELK CREEK	87-19	8/5/1994	5	9				PGS
ELK CREEK	87-19	6/21/1995	PRESENT					PGS
ELK CREEK	87-19	7/18/1996	PRESENT	PRESENT	PRESENT			
ELK CREEK	87-19	7/27/2000	8					PGS
ELK CREEK	87-19	7/19/2001	3					PGS YLF

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B109. Summary of site parameters within the Elk Creek watershed, Mendocino Co., California. Refer to Maps 28-29.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
SODA FORK CREEK	87-17	7/18/1996	D				3	2		14.5	
SODA FORK CREEK	87-17	7/27/2000	E	3	121	1.0:0.8:0.0	3	1	8.9	14	
SODA FORK CREEK	87-17	7/23/2001	E	3	101	1.0:0.7:0.0	3	1	9.34	15	7.3
SODA FORK CREEK	87-18	7/26/1996	E	7			3	2		15.5	
SODA FORK CREEK	87-18	7/27/2000	E	4	133	1.0:0.4:0.0	3	1	10	14	7.9
SODA CREEK	87-29	10/10/2000	E	2	110	1.0:0.6:0.0	3	1	10.6	13	7.9
SODA CREEK	87-29	7/24/2001	E	2	95	1.0:1.0:0.0	3	1	7.95	14.8	7.6
SODA CREEK	87-30	10/10/2000	E	4	76	1.0:0.9:0.0	3	1	10.7	13	7.9
SODA CREEK	87-30	7/24/2001	E	2	118	1.0:1.1:0.0	3	1	7.35	14.1	7.7
ELK CREEK	87-19	8/5/1994	E	5	145		2	1		14.5	
ELK CREEK	87-19	6/21/1995	D				3	2		12.5	
ELK CREEK	87-19	7/18/1996	D				2	2		13	
ELK CREEK	87-19	7/27/2000	E	3	120	1.0:1.8:0.0	3	2	9	13	6.9
ELK CREEK	87-19	7/19/2001	E	4	96	1.0:0.7:0.0	3	1		14	7.6

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A110. Summary of results for aquatic species surveys within the Mills Creek watershed, Mendocino Co., California. Refer to Map 30.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
MILL CREEK	89-01	8/16/1996						PGS
MILL CREEK	89-01	8/3/2000						PGS
MILL CREEK	89-01	7/17/2001		1	1			PGS
MILL CREEK	89-02	8/7/1995						PGS
MILL CREEK	89-02	7/31/1996						RLF
MILL CREEK	89-02	8/1/2000						PGS
MILL CREEK	89-02	7/17/2001						PGS

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B110. Summary of site parameters within the Mills Creek watershed, Mendocino Co., California. Refer to Map 30.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
MILL CREEK	89-01	8/16/1996	V	5			3	1		13	
MILL CREEK	89-01	8/3/2000	E	1	136	1.0:0.3:0.0	3	1	9	13	8
MILL CREEK	89-01	7/17/2001	E	4	87	1.0:2.5:0.0	3	1	9.75	12.7	7.1
MILL CREEK	89-02	8/7/1995	E	3			2	0		13.5	
MILL CREEK	89-02	7/31/1996	E	4			3	1		13.5	
MILL CREEK	89-02	8/1/2000	E	1	158	1.0:6.2:0.0	3	1	9	13	7.9
MILL CREEK	89-02	7/17/2001	E	1	92	1.0:2.2:0.0	3	1	6.2	12.5	6.3

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A111. Summary of results for aquatic species surveys within the Mallo Pass Creek watershed, Mendocino Co., California. Refer to Map 30.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
MALLO PASS CREEK	89-03	8/8/1994						PGS
MALLO PASS CREEK	89-03	8/7/1995	PRESENT	PRESENT	PRESENT			PGS
MALLO PASS CREEK	89-03	8/13/2000	12	6	2			
MALLO PASS CREEK	89-03	7/17/2001	4	19	4			PGS
MALLO PASS CREEK	89-04	8/8/1994	1	5	2			
MALLO PASS CREEK	89-04	8/3/2000		3				PGS YLF
MALLO PASS CREEK	89-04	7/17/2001	3	5	2			PGS

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B111. Summary of site parameters within the Mallo Pass Creek watershed, Mendocino Co., California. Refer to Map 30.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
MALLO PASS CREEK	89-03	8/8/1994	E	5	150		2	1		13	
MALLO PASS CREEK	89-03	8/7/1995	E	7			3	2		14.5	
MALLO PASS CREEK	89-03	8/13/2000	E	3	85	1.0:0.4:0.2	3	2	8.4	13	6.9
MALLO PASS CREEK	89-03	7/17/2001	E	5	98	1.0:0.6:0.0	3	2	10.2	12.1	6.4
MALLO PASS CREEK	89-04	8/8/1994	E	5	65		2	1		14	
MALLO PASS CREEK	89-04	8/3/2000	E	2	85	1.0:2.3:0.0	3	2	9.91	17	7.5
MALLO PASS CREEK	89-04	7/17/2001	E	6	124	1.0:0.7:0.0	3	1	10.3	12.5	7.4

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A112. Summary of results for aquatic species surveys within the Alder Creek watershed, Mendocino Co., California. Refer to Maps 30-31.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
ALDER CREEK	89-05	6/22/1995	PRESENT	PRESENT	PRESENT			CRY PGS SCP
ALDER CREEK	89-05	6/17/1996	PRESENT	PRESENT	PRESENT			CRY SCP
ALDER CREEK	89-05	8/2/2000	35	7				CRY SCP
ALDER CREEK	89-05	8/2/2001	60	3	1			
TRAMWAY GULCH	89-06	8/9/1994	30	14	1			CRY SCP STB
TRAMWAY GULCH	89-06	7/31/1996						PGS
TRAMWAY GULCH	89-06	8/2/2000						PGS
TRAMWAY GULCH	89-06	8/2/2001						PGS
ALDER CREEK	89-07	8/9/1995	PRESENT	PRESENT	PRESENT			CRY
ALDER CREEK	89-07	7/30/1996	PRESENT	PRESENT	PRESENT			
ALDER CREEK	89-07	8/4/2000	16					CRY PGS
NYE CREEK	89-08	8/9/1995	PRESENT	PRESENT				
NYE CREEK	89-08	7/30/1996		PRESENT				PGS
NYE CREEK	89-08	8/4/2000	3	1				PGS
NYE CREEK	89-08	7/13/2001	1	2				PGS

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B112. Summary of site parameters within the Alder Creek watershed, Mendocino Co., California. Refer to Maps 30-31.

Stream Name	SITE ID	DATE	METHOD e=electrofishing d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
ALDER CREEK	89-05	6/22/1995	D				3	3		16	
ALDER CREEK	89-05	6/17/1996	D				3	3		18	
ALDER CREEK	89-05	8/2/2000	E	8	194	1.0:0.7:0.3	3	2	7	15	7.2
ALDER CREEK	89-05	8/2/2001	D		120	1.0:0.0:0.0	3	2	8.28	17.8	8.1
TRAMWAY GULCH	89-06	8/9/1994	E	10	135		3	2		15	
TRAMWAY GULCH	89-06	7/31/1996	E	2			3	1		13.5	
TRAMWAY GULCH	89-06	8/2/2000	E	1	86	1.0:1.3:0.2	3	1	10.6	13	7.6
TRAMWAY GULCH	89-06	8/2/2001	V		90	1.0:0.0:0.0	3	1	9.5	13	7.8
ALDER CREEK	89-07	8/9/1995	D				3	2		16	
ALDER CREEK	89-07	7/30/1996	E	7			3	3		17.5	
ALDER CREEK	89-07	8/4/2000	E	4	102	1.0:0.8:0.0	3	2	9	16	7.9
NYE CREEK	89-08	8/9/1995	D				3	1		14	
NYE CREEK	89-08	7/30/1996	E	5			3	2		15	
NYE CREEK	89-08	8/4/2000	E	2	94	1.0:0.3:0.0	3	2	9.8	13	7.6
NYE CREEK	89-08	7/13/2001	E	2	114	1.0:0.6:0.0	3	1	9.3	12.9	7.9

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A113. Summary of results for aquatic species surveys within the Alder Creek watershed, Mendocino Co., California. Refer to Maps 30-31.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
NYE CREEK	89-23	7/13/2001						PGS
TIN CAN CREEK	89-09	8/9/1995						
TIN CAN CREEK	89-09	7/30/1996	PRESENT	PRESENT				TLF
TIN CAN CREEK	89-09	8/4/2000			1			PGS
TIN CAN CREEK	89-09	7/13/2001						PGS
TIN CAN CREEK	89-24	7/13/2001						PGS
JOHN CREEK	89-10	8/9/1995	PRESENT	PRESENT				
JOHN CREEK	89-10	7/30/1996	PRESENT					CRY PGS
JOHN CREEK	89-10	8/2/2000	15	2				PGS
JOHN CREEK	89-10	7/24/2001	3	1				PGS
JOHN CREEK	89-11	7/30/1996		PRESENT				PGS YLF
JOHN CREEK	89-11	8/2/2000		2				PGS
JOHN CREEK	89-11	7/24/2001	7					PGS
BEE TREE CREEK	89-12	8/9/1995	PRESENT	PRESENT				YLF
BEE TREE CREEK	89-12	7/30/1996	PRESENT	PRESENT				CRY PGS YLF

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B113. Summary of site parameters within the Alder Creek watershed, Mendocino Co., California. Refer to Maps 30-31.

Stream Name	SITE ID	DATE	METHOD e=electrofishing d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
NYE CREEK	89-23	7/13/2001	E	2	89	1.0:0.7:0.0	3	1	9.5	13.2	6.9
TIN CAN CREEK	89-09	8/9/1995	V				3	1		14	
TIN CAN CREEK	89-09	7/30/1996	E	4			3	1		15	
TIN CAN CREEK	89-09	8/4/2000	E	2	119	1.0:0.1:0.0	3	1	9.6	14	7.7
TIN CAN CREEK	89-09	7/13/2001	E	3	100	1.0:0.6:0.0	3	1	9.1	12.4	7.5
TIN CAN CREEK	89-24	7/13/2001	E	2	131	1.0:1.6:0.0	3	1	9.5	12.5	7.0
JOHN CREEK	89-10	8/9/1995	D				2	1		15	
JOHN CREEK	89-10	7/30/1996	E	3			3	1		17	
JOHN CREEK	89-10	8/2/2000	E	2	106	1.0:0.7:0.0	3	1	7.6	16	7.7
JOHN CREEK	89-10	7/24/2001	E	3	114	1.0:0.5:0.0	3	1	7.4	13.8	6.2
JOHN CREEK	89-11	7/30/1996	E	4			3	1		17	
JOHN CREEK	89-11	8/2/2000	E	2	108	1.0:1.0:0.0	3	1	9.3	16	7.9
JOHN CREEK	89-11	7/24/2001	E	2	100	1.0:0.3:0.0	3	1	7	14.7	6.5
BEE TREE CREEK	89-12	8/9/1995	D				3	1		14.5	
BEE TREE CREEK	89-12	7/30/1996	E	6			3	1		16	

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A114. Summary of results for aquatic species surveys within the Alder Creek watershed, Mendocino Co., California. Refer to Maps 30-31.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
BEE TREE CREEK	89-12	8/1/2000	4					CRY
BEE TREE CREEK	89-12	7/23/2001	6	2				PGS
BEE TREE CREEK	89-13	7/30/1996	PRESENT	PRESENT	PRESENT			PGS YLF
BEE TREE CREEK	89-13	8/1/2000	2	3				
BEE TREE CREEK	89-25	7/23/2001						PGS
ALDER CREEK	89-14	8/9/1995	PRESENT	PRESENT	PRESENT			CRY
ALDER CREEK	89-14	6/17/1996	PRESENT	PRESENT	PRESENT			YLF
ALDER CREEK	89-14	8/1/2000	83	4	1			CRY YLF
ALDER CREEK	89-14	7/24/2001	150	10				CRY YLF
TRIB TO ALDER CREEK #1	89-15	8/9/1995	PRESENT	PRESENT				CRY
TRIB TO ALDER CREEK #1	89-15	7/30/1996	PRESENT					
TRIB TO ALDER CREEK #1	89-15	8/1/2000	3					CRY PGS
TRIB TO ALDER CREEK #1	89-16	7/30/1996		PRESENT				PGS YLF
TRIB TO ALDER CREEK #1	89-16	8/1/2000		4	2			PGS
TRIB TO ALDER CREEK #1	89-16	7/23/2001		1				CRY PGS

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B114. Summary of site parameters within the Alder Creek watershed, Mendocino Co., California. Refer to Maps 30-31.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
BEE TREE CREEK	89-12	8/1/2000	E	2	97	1.0:1.0:0.0	3	1	8.52	15	7.8
BEE TREE CREEK	89-12	7/23/2001	E	1	112	1.0:2.2:0.0	3	1		13.8	7.6
BEE TREE CREEK	89-13	7/30/1996	E	4			3	2		16.5	
BEE TREE CREEK	89-13	8/1/2000	E	2	89	1.0:0.5:0.0	3	1	8.5	15	7.6
BEE TREE CREEK	89-25	7/23/2001	E	3	111	1.0:1.5:0.0	3	1		13.6	7.6
ALDER CREEK	89-14	8/9/1995	D				3	2		19	
ALDER CREEK	89-14	6/17/1996	D				3	3		15.5	
ALDER CREEK	89-14	8/1/2000	E	4	188	1.0:3.5:0.0	3	2	8.9	16	7.9
ALDER CREEK	89-14	7/24/2001	D		152	1.0:0.6:0.0	3	2	8.1	21	7.5
TRIB TO ALDER CREEK #1	89-15	8/9/1995	D				2	1		14.5	
TRIB TO ALDER CREEK #1	89-15	7/30/1996	E	3			3	1		16.5	
TRIB TO ALDER CREEK #1	89-15	8/1/2000	E		92	1.0:0.9:0.0	3	1	9.4	15	8
TRIB TO ALDER CREEK #1	89-16	7/30/1996	E	2			3	1		16	
TRIB TO ALDER CREEK #1	89-16	8/1/2000	E	3	117	1.0:0.3:0.0	3	1	8	14	7.7
TRIB TO ALDER CREEK #1	89-16	7/23/2001	E	3	103	1.0:1.2:1.9	3	1		13.2	7.0

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A115. Summary of results for aquatic species surveys within the Alder Creek watershed, Mendocino Co., California. Refer to Maps 30-31.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
TRIB TO ALDER CREEK #1	89-26	7/23/2001						PGS YLF
ALDER CREEK	89-17	7/29/1996	PRESENT	PRESENT				CRY PGS YLF
ALDER CREEK	89-17	8/4/2000	46	5				CRY PGS YLF
ALDER CREEK	89-17	7/18/2001	10	1				CNT PGS
TRIB TO ALDER CREEK #2	89-18	7/29/1996						PGS YLF
TRIB TO ALDER CREEK #2	89-18	8/4/2000						PGS YLF
ALDER CREEK	89-19	7/29/1996						PGS YLF
ALDER CREEK	89-19	8/4/2000		4	1			PGS
ALDER CREEK	89-19	7/18/2001						PGS
TRIB TO ALDER CREEK #3	89-20	7/29/1996						PGS
TRIB TO ALDER CREEK #3	89-20	8/4/2000						
TRIB TO ALDER CREEK #3	89-20	7/18/2001						PGS
PANTHER CREEK	89-21	8/3/2000			2			PGS
PANTHER CREEK	89-21	7/18/2001		1				CRY PGS YLF
PANTHER CREEK	89-22	8/3/2000	18	1				CRY PGS

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B115. Summary of site parameters within the Alder Creek watershed, Mendocino Co., California. Refer to Maps 30-31.

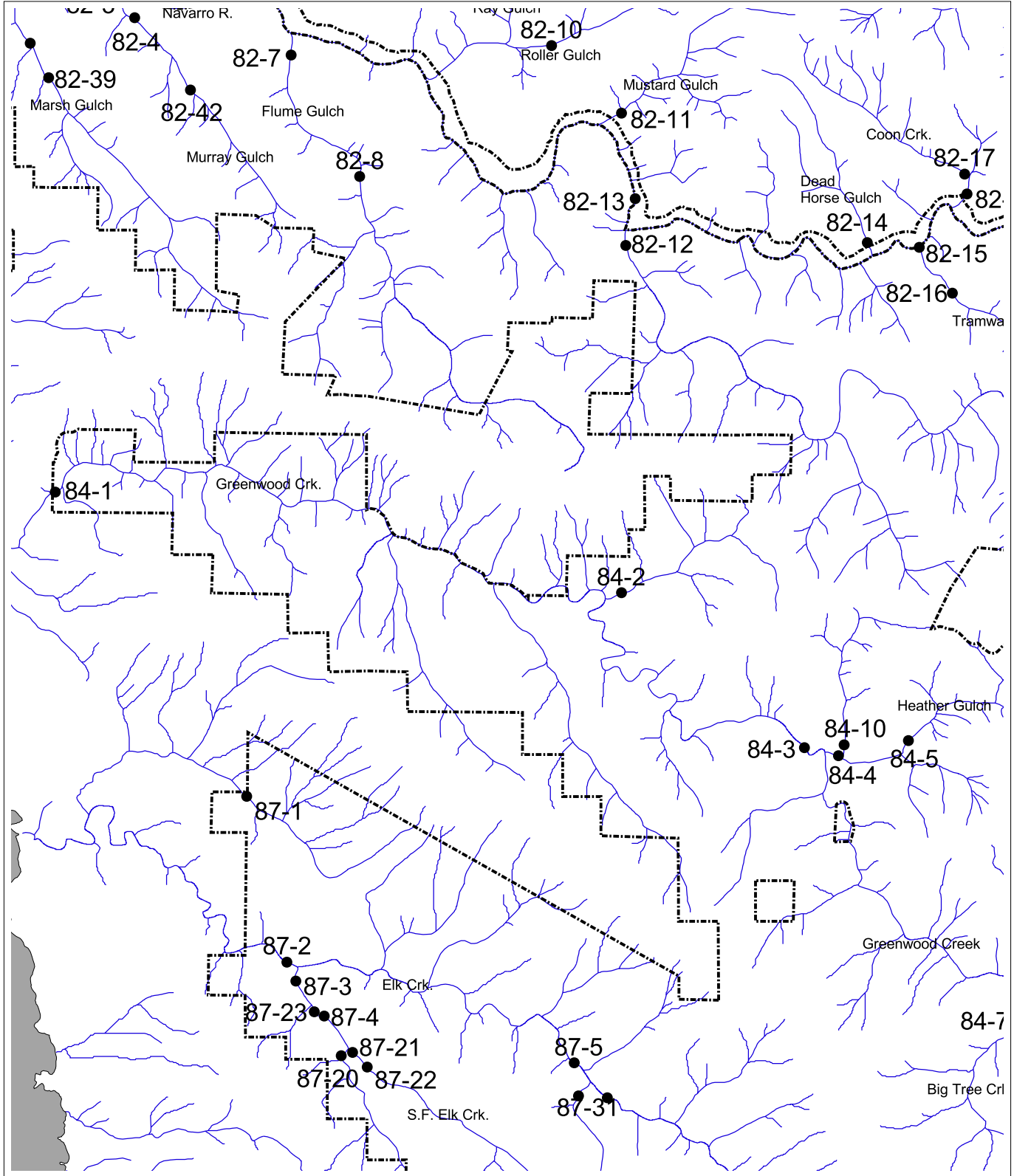
Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
TRIB TO ALDER CREEK #1	89-26	7/23/2001	E	3	103	1.0:0.8:0.0	3	1		13	6.4
ALDER CREEK	89-17	7/29/1996	E	8			3	1		18	
ALDER CREEK	89-17	8/4/2000	E	4	182	1.0:0.3:0.0	1	1	7.9	18	7.8
ALDER CREEK	89-17	7/18/2001	E	2	109	1.0:0.6:0.0	3	1	7.1	16.1	7
TRIB TO ALDER CREEK #2	89-18	7/29/1996	E	2			3	1		17.5	
TRIB TO ALDER CREEK #2	89-18	8/4/2000	E	2	98	1.0:1.2:0.0	3	1	9.8	15	7.6
ALDER CREEK	89-19	7/29/1996	E	4			3	1		18	
ALDER CREEK	89-19	8/4/2000	E	2	117	1.0:0.4:1.3	3	1	7.4	16	7.1
ALDER CREEK	89-19	7/18/2001	E	4	109	1.0:0.1:0.0	3	1	8.7	13.2	7.4
TRIB TO ALDER CREEK #3	89-20	7/29/1996	E	4			3	1		19.5	
TRIB TO ALDER CREEK #3	89-20	8/4/2000	E	3	92	1.0:1.2:0.0	3	1	7.2	15	7.1
TRIB TO ALDER CREEK #3	89-20	7/18/2001	E	2	98	1.0:1.2:0.0	3	1	8.3	14.8	7.3
PANTHER CREEK	89-21	8/3/2000	E	2	115	1.0:1.9:0.0	2	1	8.4	15	7.4
PANTHER CREEK	89-21	7/18/2001	E	2	125	1.0:1.9:0.0	3	1	8.8	13.1	7.5
PANTHER CREEK	89-22	8/3/2000	E	2	114	1.0:2.7:0.0	3	1	9.5	16	8

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

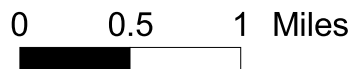
*Blank spaces indicate that no data was collected.

Map 26: Lower Greenwood Creek

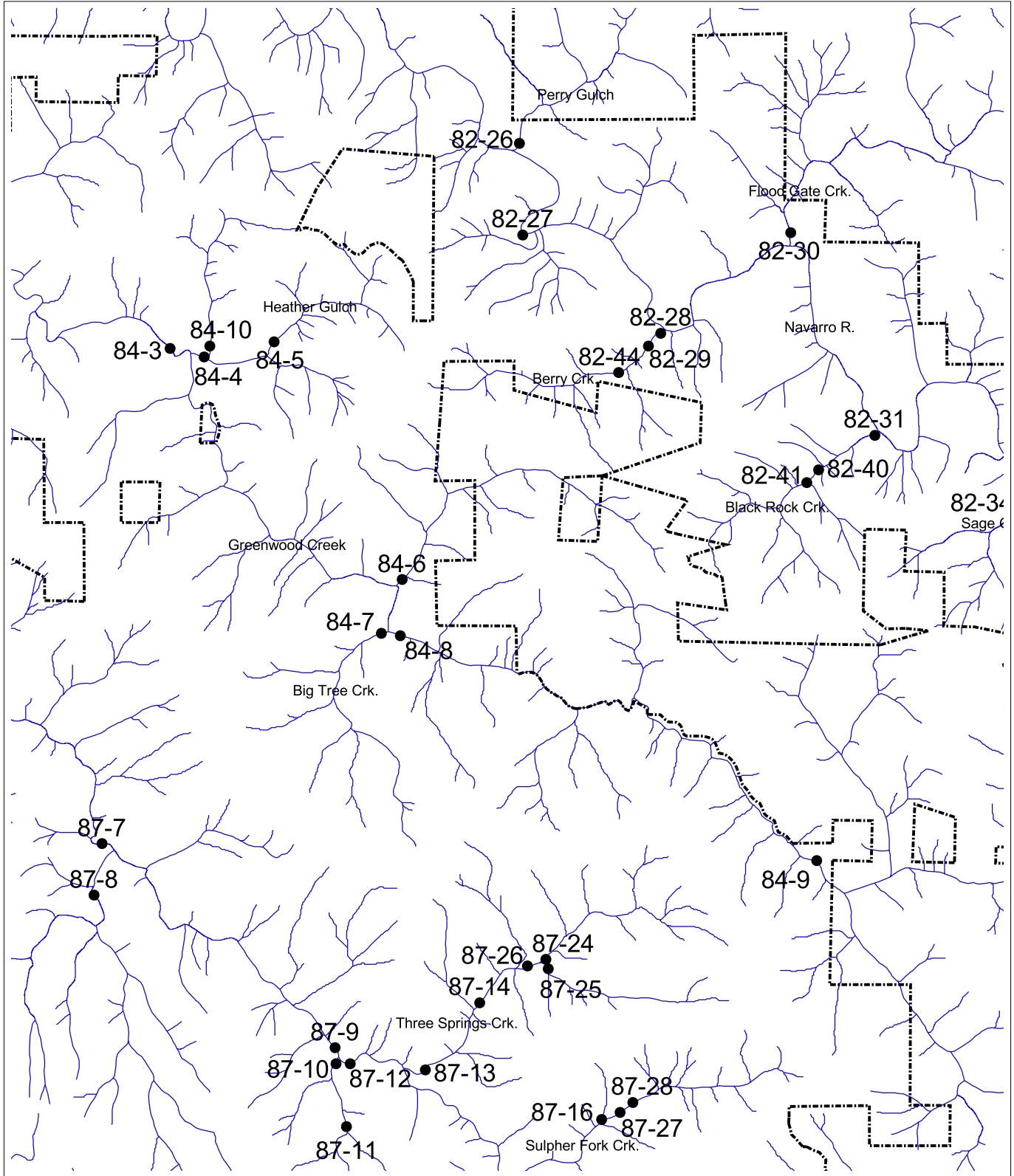


1:55000

Mendocino Redwood Company, LLC



Map 27: Upper Greenwood Creek



1:55000

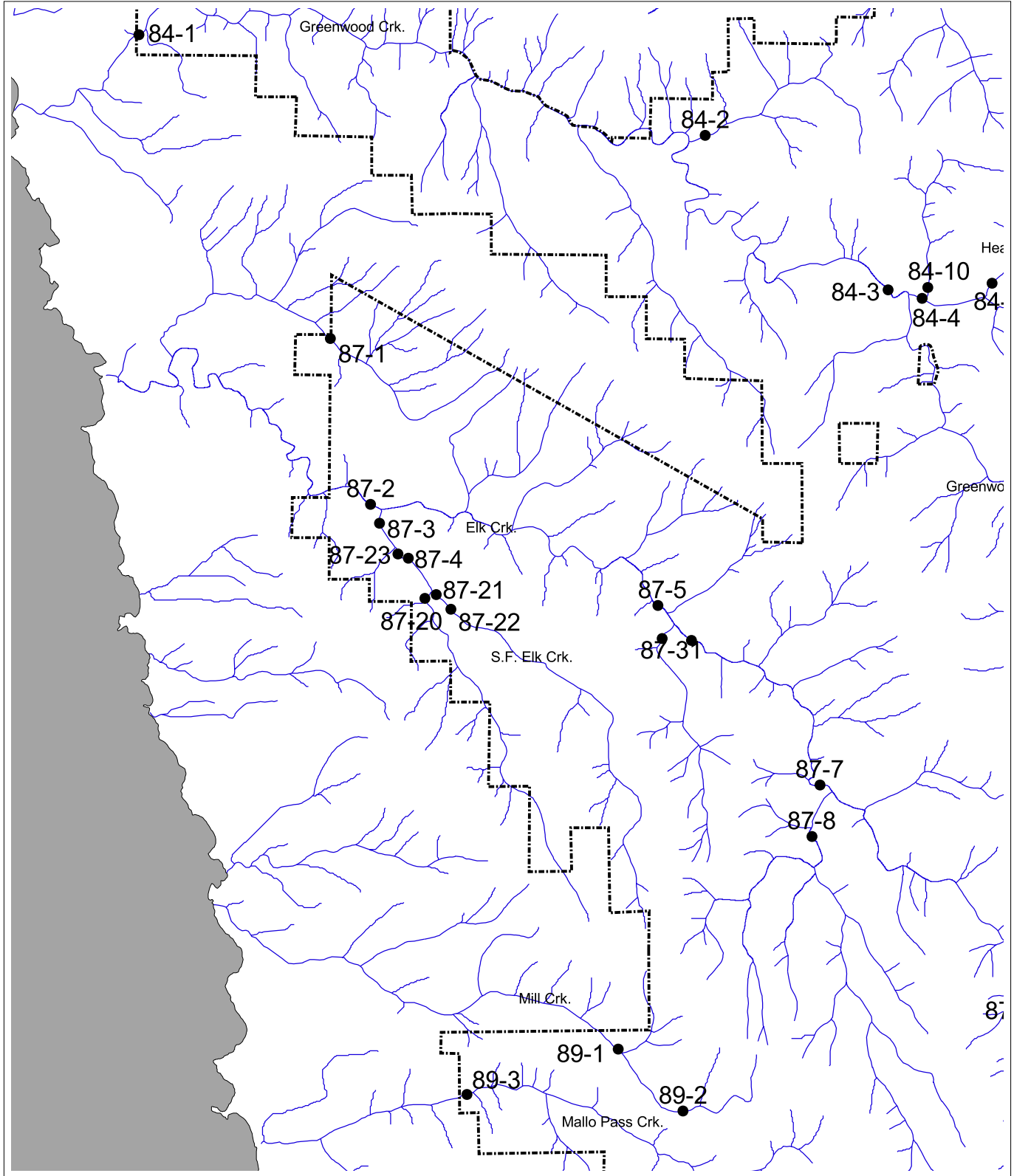
Mendocino Redwood Company, LLC

● Site ID
--- MRC Ownership
~ Watercourse

0 0.5 1 Miles

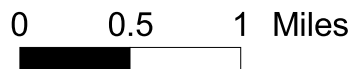


Map 28: Lower Elk Creek

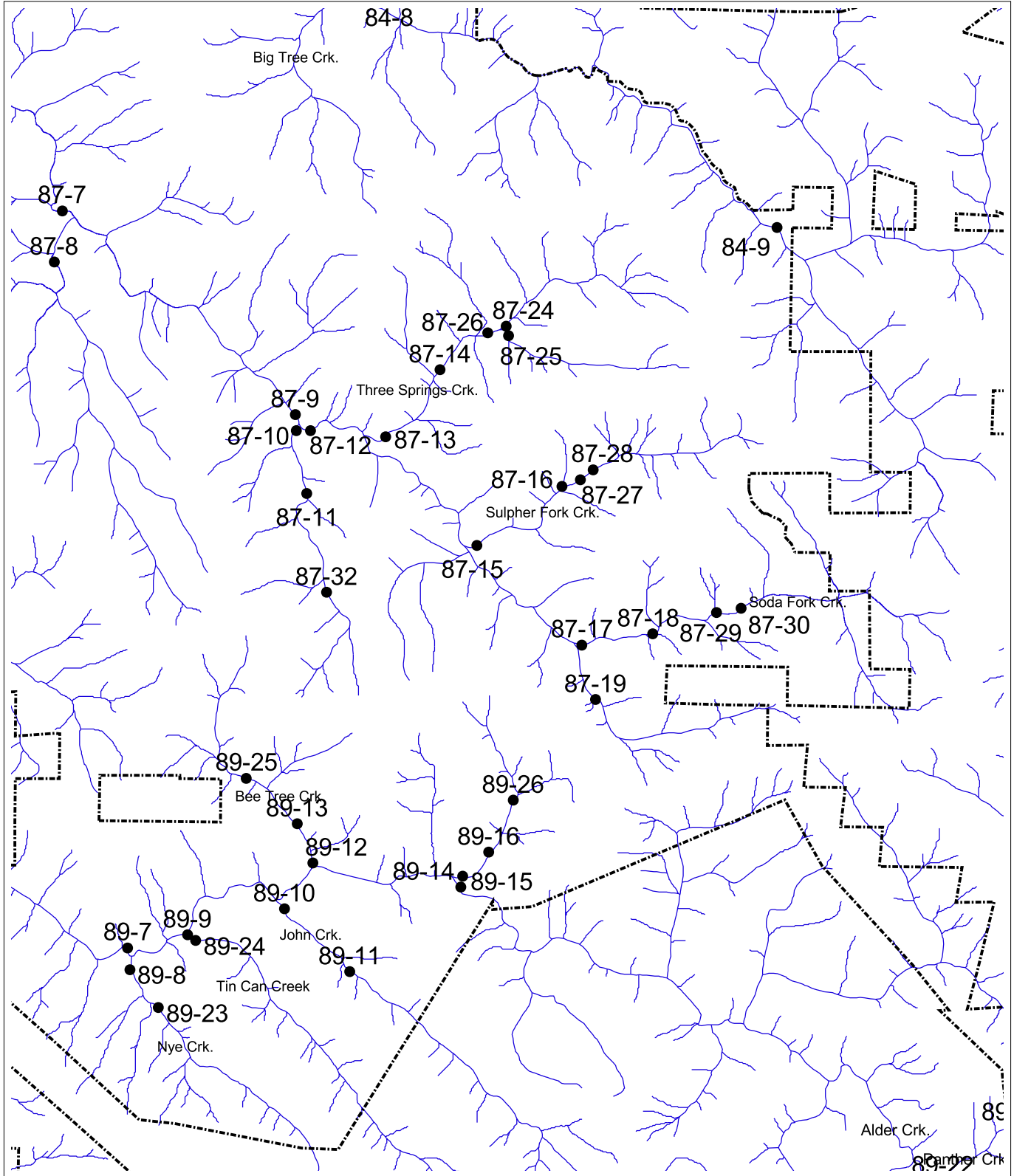


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Mendocino Redwood Company, LLC



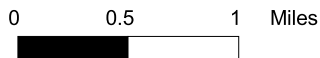
Map 29: Upper Elk Creek



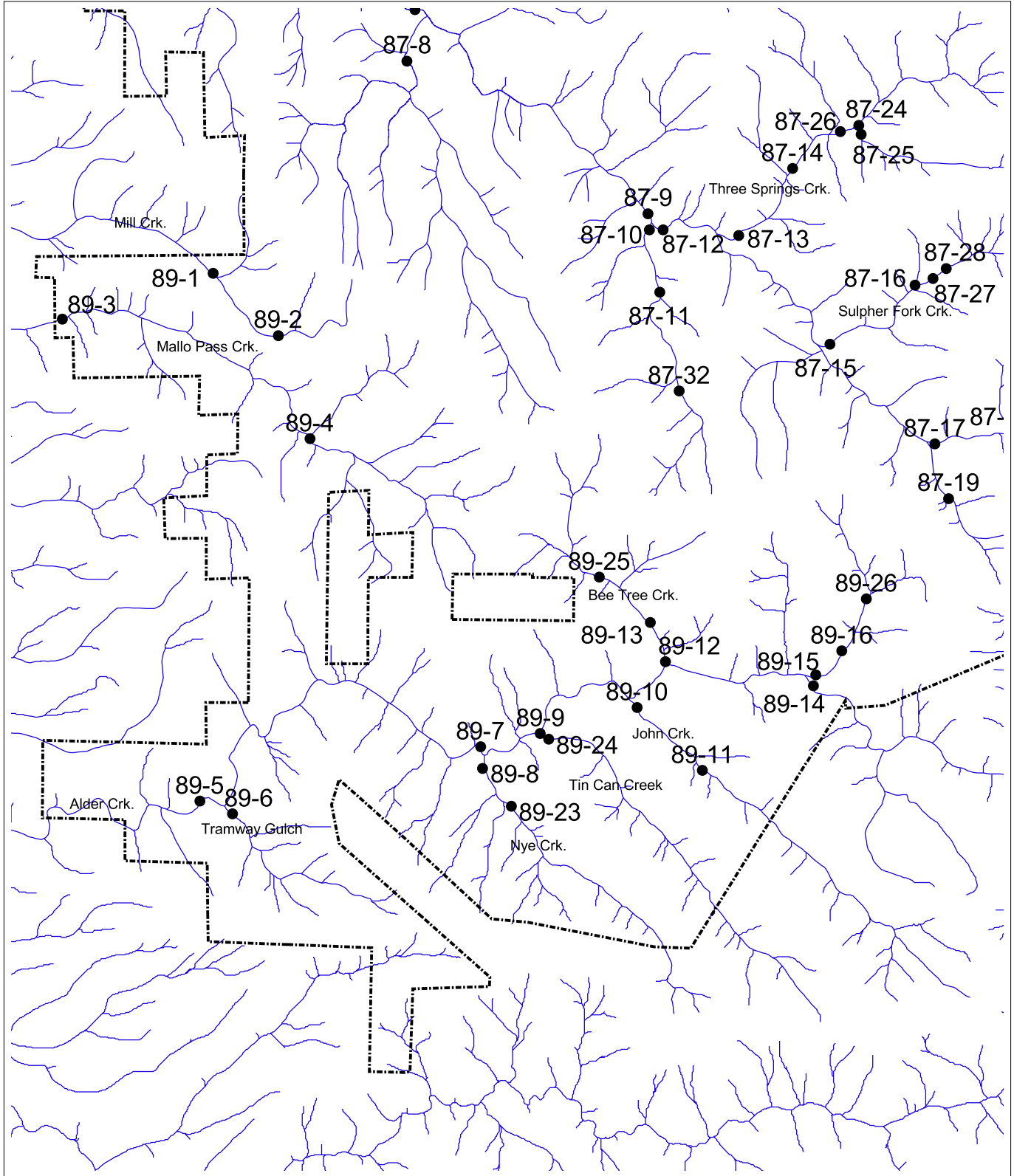
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Mendocino Redwood Company, LLC

● Site ID
--- MRC Ownership
~ Watercourse



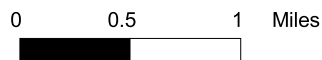
Map 30: Lower Alder Creek



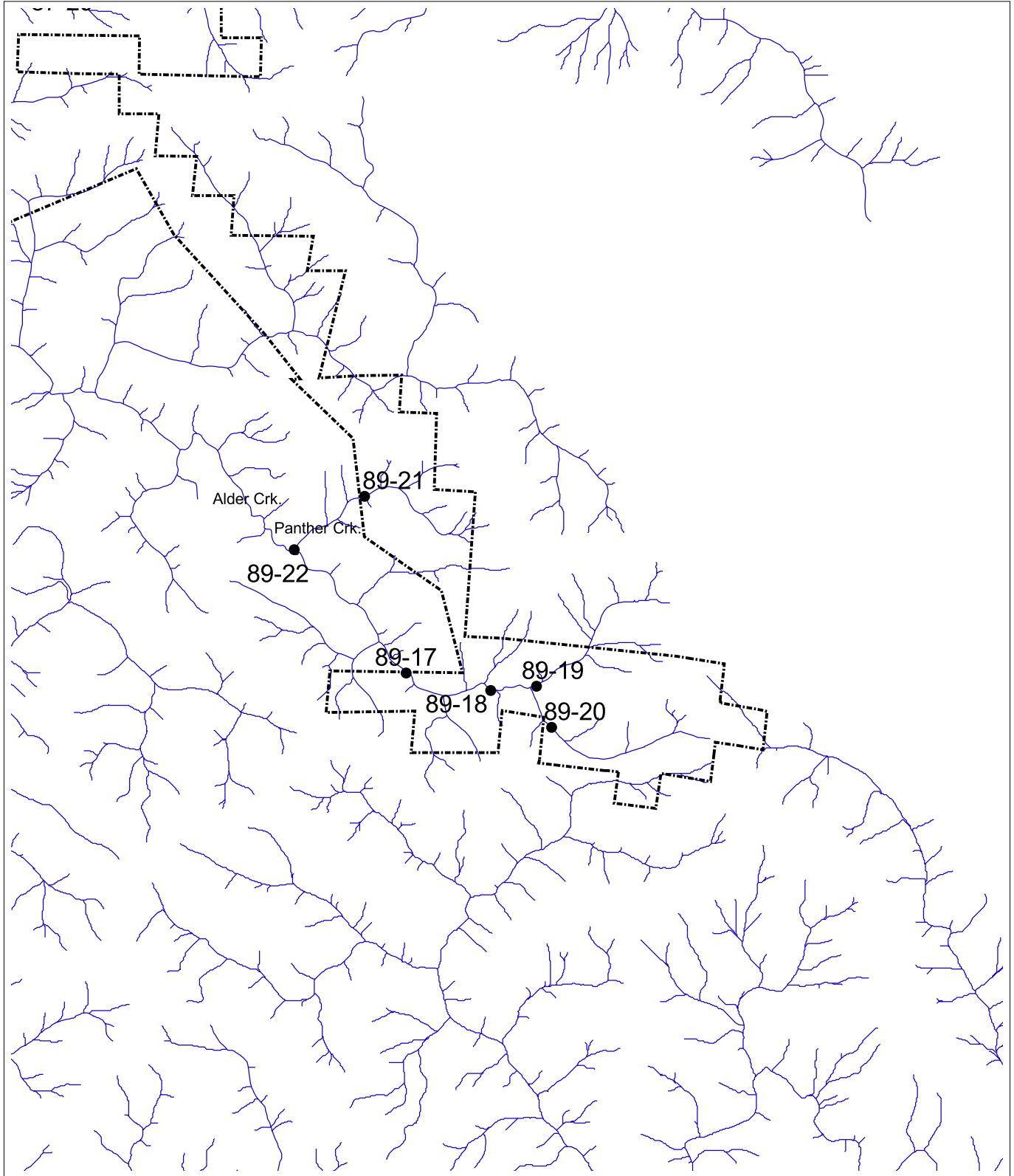
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Mendocino Redwood Company, LLC

● Site ID
- - - MRC Ownership
~ Watercourse



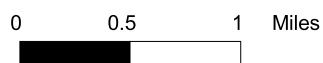
Map 31: Upper Alder Creek



1:55000

Mendocino Redwood Company, LLC

● Site ID
- - - MRC Ownership
~ Watercourse



Appendix 7: UTM coordinates and latitude / longitude of sites within the South Coast Inventory Block.

Basin	Site ID	Easting Coordinate	Northing Coordinate	Latitude	Longitude
Greenwood Crk.	84-01	439249	4331552	39.132904	-123.702873
	84-02	444828	4330559	39.124325	-123.638252
	84-03	446629	4329034	39.110695	-123.617294
	84-04	446965	4328952	39.109978	-123.613403
	84-05	447653	4329101	39.111362	-123.605461
	84-06	448915	4326759	39.090336	-123.590683
	84-07	448713	4326227	39.085529	-123.592979
	84-08	448898	4326206	39.085535	-123.590843
	84-09	452999	4323990	39.065613	-123.543274
	84-10	447022	4329059	39.110947	-123.612755
Elk Creek	87-01	441134	4328554	39.106018	-123.680809
	87-02	441532	4326920	39.09132	-123.676064
	87-03	441617	4326733	39.089642	-123.675064
	87-04	441901	4326390	39.086571	-123.671753
	87-05	444363	4325925	39.082539	-123.64325
	87-06	444690	4325582	39.079472	-123.639442
	87-07	445958	4324154	39.066681	-123.624672
	87-08	445879	4323647	39.062107	-123.625542
	87-09	448254	4322143	39.048702	-123.597977
	87-10	448265	4321985	39.047276	-123.597839
	87-11	448368	4321367	39.041714	-123.596603
	87-12	448403	4321985	39.047287	-123.596245
	87-13	449144	4321926	39.046799	-123.587677
	87-14	449679	4322588	39.052795	-123.581543
	87-15	450045	4320857	39.037216	-123.577187
	87-16	450882	4321437	39.042492	-123.567558
	87-17	451079	4319874	39.028416	-123.56517
	87-18	451775	4319985	39.029457	-123.557137
	87-19	451213	4319335	39.023567	-123.563583
	87-20	442108	4326025	39.083294	-123.669327
	87-21	442178	4326031	39.083355	-123.668518
	87-22	442248	4325974	39.082844	-123.667702
	87-23	441799	4326430	39.086922	-123.672935
	87-24	450287	4322985	39.056404	-123.574547
	87-25	450295	4323009	39.056622	-123.574455
	87-26	450264	4322979	39.056351	-123.574814
	87-27	451080	4321520	39.043251	-123.565277
	87-28	451095	4321533	39.043369	-123.565102
	87-29	452383	4320185	39.031292	-123.550125
	87-30	452395	4320188	39.031319	-123.549988
	87-31	444405	4325731	39.080795	-123.642746
	87-32	448561	4320394	39.032959	-123.594299
Mills Creek	89-01	443968	4321554	39.043129	-123.647453
	89-02	444609	4320942	39.037655	-123.639999
Mallo Pass Crk.	89-03	442481	4321103	39.038967	-123.664597
	89-04	444922	4319924	39.0285	-123.636299

Appendix 7: UTM coordinates and latitude / longitude of sites within the South Coast Inventory Block.

Basin	Site ID	Easting Coordinate	Northing Coordinate	Latitude	Longitude
Alder Creek	89-05	443838	4316353	38.996254	-123.648529
	89-06	444160	4316225	38.995121	-123.644798
	89-07	446603	4316889	39.001259	-123.616646
	89-08	446624	4316675	38.999329	-123.616386
	89-09	447192	4317018	39.002457	-123.609856
	89-10	448146	4317275	39.004829	-123.598854
	89-11	448789	4316654	38.999271	-123.591385
	89-12	448425	4317725	39.0089	-123.595665
	89-13	448275	4318111	39.012371	-123.597427
	89-14	449883	4317489	39.006859	-123.578812
	89-15	449904	4317597	39.007832	-123.578575
	89-16	450161	4317832	39.009964	-123.57563
	89-17	455734	4313374	38.970093	-123.510971
	89-18	456570	4313203	38.968594	-123.501312
	89-19	457020	4313245	38.968994	-123.496124
	89-20	457170	4312838	38.965336	-123.494362
	89-21	455325	4315115	38.98576	-123.515808
	89-22	454634	4314589	38.980984	-123.52375
	89-23	446905	4316301	38.995975	-123.613113
	89-24	447272	4316964	39.001972	-123.608925
	89-25	447773	4318561	39.016396	-123.603264
	89-26	450401	4318344	39.014591	-123.572891

Table A116. Summary of results for aquatic species surveys within the Garcia River watershed, Mendocino Co., California. Refer to Maps 32-34.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
INMAN CREEK	92-01	8/10/1995	PRESENT	PRESENT	PRESENT			SCP STB YLF
INMAN CREEK	92-01	8/15/1996	PRESENT	PRESENT	PRESENT			NWP PGS SCP STB YLF
INMAN CREEK	92-01	8/16/2000	11	1				STB YLF
INMAN CREEK	92-01	8/13/2001	25	4				CRY STB
GARCIA RIVER	92-02	8/10/1995	PRESENT	PRESENT	PRESENT			SKR STB
GARCIA RIVER	92-02	8/15/1996	PRESENT	PRESENT	PRESENT			SCP STB YLF
GARCIA RIVER	92-02	8/16/2000	15	2				STB
GARCIA RIVER	92-02	8/13/2001	3					STB
TRIB TO GARCIA RIVER #2	93-12	8/10/1995						PGS YLF
TRIB TO GARCIA RIVER #2	93-12	8/15/1996						PGS YLF
TRIB TO GARCIA RIVER #2	93-12	8/16/2000						PGS YLF
TRIB TO GARCIA RIVER #2	93-12	8/13/2001						PGS YLF
LEE CREEK	93-01	8/2/1996						PGS YLF
LEE CREEK	93-01	8/15/2000		3				YLF
LEE CREEK	93-01	8/9/2001	3					PGS

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B116. Summary of site parameters within the Garcia River watershed, Mendocino Co., California. Refer to Maps 32-34.

Stream Name	SITE ID	DATE	METHOD e=electrofishing d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
INMAN CREEK	92-01	8/10/1995	E	12			3	1		18.5	
INMAN CREEK	92-01	8/15/1996	E	10			3	2		19.5	
INMAN CREEK	92-01	8/16/2000	E	4	320	1.0:0.8:0.0	3	2	9.4	19	7.7
INMAN CREEK	92-01	8/13/2001	D		125	1.0:0.0:0.0	3	1	7.81	19.4	7.9
GARCIA RIVER	92-02	8/10/1995	D				3	2		20.5	
GARCIA RIVER	92-02	8/15/1996	E	7			3	3		22	
GARCIA RIVER	92-02	8/16/2000	D		655	1.0:0.4:0.0	3	2	8.9	25	8.9
GARCIA RIVER	92-02	8/13/2001	D		120	1.0:0.0:0.0	2	2	8.47	21.2	8.7
TRIB TO GARCIA RIVER #2	93-12	8/10/1995	E	8			3	1		15	
TRIB TO GARCIA RIVER #2	93-12	8/15/1996	E	7			3	1		15.5	
TRIB TO GARCIA RIVER #2	93-12	8/16/2000	E	2	96	1.0:0.7:0.0	3	1	7.6	15	6.3
TRIB TO GARCIA RIVER #2	93-12	8/13/2001	E	3	136	1.0:1.2:0.0	3	1	8.5	17.8	7.8
LEE CREEK	93-01	8/2/1996	E	3			3	1		13.5	
LEE CREEK	93-01	8/15/2000	E	2	87	1.0:1.6:0.0	3	1	9.9	13	7.4
LEE CREEK	93-01	8/9/2001	E	2	95	1.0:1.5:0.0	3	1	9.7	13.5	7.2

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A117. Summary of results for aquatic species surveys within the Garcia River watershed, Mendocino Co., California. Refer to Maps 32-34.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
GARCIA RIVER	93-02	8/9/1994	65	47				SCP
GARCIA RIVER	93-02	6/22/1995	PRESENT	PRESENT	PRESENT			STB
GARCIA RIVER	93-02	6/13/1996	PRESENT	PRESENT	PRESENT			SCP STB
GARCIA RIVER	93-02	8/10/2000	5	6	4			CRY SCP
GARCIA RIVER	93-02	8/9/2001	35	11	3			STB
ROLLING BROOK CREEK	93-03	8/9/1994	21	3				PGS SCP
ROLLING BROOK CREEK	93-03	6/22/1995	PRESENT	PRESENT				
ROLLING BROOK CREEK	93-03	6/13/1996	PRESENT	PRESENT	PRESENT			CRY
ROLLING BROOK CREEK	93-03	8/10/2000	7	4				CR
ROLLING BROOK CREEK	93-03	8/9/2001	9					CR PGS PR YLF
ROLLING BROOK CREEK	93-04	8/2/1996	PRESENT	PRESENT				PGS SCP
ROLLING BROOK CREEK	93-04	8/10/2000	4	4				SCP YLF
ROLLING BROOK CREEK	93-04	8/9/2001	5					CR PR YLF
TRIB TO GARCIA RIVER #1	93-05	8/2/1996	PRESENT	PRESENT				PGS SCP YLF
TRIB TO GARCIA RIVER #1	93-05	8/10/2000	36	1				PR YLF

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B117. Summary of site parameters within the Garcia River watershed, Mendocino Co., California. Refer to Maps 32-34.

Stream Name	SITE ID	DATE	METHOD e=electrofishing d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
GARCIA RIVER	93-02	8/9/1994	E	5	105		3	2		21	
GARCIA RIVER	93-02	6/22/1995	D				3	3		20.5	
GARCIA RIVER	93-02	6/13/1996	D				3	3			
GARCIA RIVER	93-02	8/10/2000	E	6	337	1.0:2.2:9.3	3	2	8.6	18	7.4
GARCIA RIVER	93-02	8/9/2001	D		135	1.0:0.0:0.0	3	2	6.2	18.7	6.7
ROLLING BROOK CREEK	93-03	8/9/1994	E	5	100		2	1		14.5	
ROLLING BROOK CREEK	93-03	6/22/1995	D				3	3		13.5	
ROLLING BROOK CREEK	93-03	6/13/1996	D				3	2			
ROLLING BROOK CREEK	93-03	8/10/2000	E	2	113	1.0:0.9:0.0	3	1	9.9	15	7.9
ROLLING BROOK CREEK	93-03	8/9/2001	E	2	108	1.0:1.0:0.0	3	2	8.52	15	7.1
ROLLING BROOK CREEK	93-04	8/2/1996	E	4			3	2		14.5	
ROLLING BROOK CREEK	93-04	8/10/2000	E	5	100	1.0:0.1:0.3	3	1	9.9	15	8
ROLLING BROOK CREEK	93-04	8/9/2001	E	2	89	1.0:0.0:2.7	3	2	8.92	14.6	6.9
TRIB TO GARCIA RIVER #1	93-05	8/2/1996	E	4			3	1		14	
TRIB TO GARCIA RIVER #1	93-05	8/10/2000	E	2	129	1.0:1.4:0.3	3	1	9.1	15	7.8

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A118. Summary of results for aquatic species surveys within the Garcia River watershed, Mendocino Co., California. Refer to Maps 32-34.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
TRIB TO GARCIA RIVER #1	93-05	8/9/2001	9					
GARCIA RIVER	93-06	8/10/1994	8	23	3			AMM CRY SCP STB
GARCIA RIVER	93-06	8/7/1995	PRESENT	PRESENT	PRESENT			CRY STB YLF
GARCIA RIVER	93-06	7/31/1996	PRESENT	PRESENT	PRESENT			CRY SCP STB YLF
GARCIA RIVER	93-06	8/16/2000	30	16				
GARCIA RIVER	93-06	7/20/2001	6	1				CRY PR
SF GARCIA RIVER	93-07	8/10/1994	25	5		1	8	SCP
SF GARCIA RIVER	93-07	8/7/1995	PRESENT	PRESENT				PGS SCP YLF
SF GARCIA RIVER	93-07	7/31/1996	PRESENT	PRESENT	PRESENT	PRESENT	PRESENT	SCP YLF
SF GARCIA RIVER	93-07	8/7/2000	24	6	1			PGS STB YLF
SF GARCIA RIVER	93-07	7/20/2001	19					PGS
SF GARCIA RIVER	93-08	8/10/1994	38	9				CRY PGS
SF GARCIA RIVER	93-08	8/7/1995	PRESENT	PRESENT				PGS SCP YLF
SF GARCIA RIVER	93-08	7/31/1996	PRESENT	PRESENT				CRY PGS YLF
SF GARCIA RIVER	93-08	8/7/2000	19	1	1			YLF

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B118. Summary of site parameters within the Garcia River watershed, Mendocino Co., California. Refer to Maps 32-34.

Stream Name	SITE ID	DATE	METHOD e=electrofishing d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
TRIB TO GARCIA RIVER #1	93-05	8/9/2001	E	2	111	1.0:1.8:0.0	3	1	8.22	14.2	7.3
GARCIA RIVER	93-06	8/10/1994	E	10	125		3	2		19	
GARCIA RIVER	93-06	8/7/1995	D				3	2		20.5	
GARCIA RIVER	93-06	7/31/1996	D				3	3		20	
GARCIA RIVER	93-06	8/16/2000	D		283	1.0:0.7:0.7	3	3	8.5	17.8	7.4
GARCIA RIVER	93-06	7/20/2001	E	4	91	1.0:0.0:0.0	3	2	7.5	18.6	7.3
SF GARCIA RIVER	93-07	8/10/1994	E	5	50		2	1		14.5	
SF GARCIA RIVER	93-07	8/7/1995	E	9			3	1		16	
SF GARCIA RIVER	93-07	7/31/1996	D				3	2		15	
SF GARCIA RIVER	93-07	8/7/2000	E	4	119	1.0:0.9:0.0	3	1	8.9	15	7.4
SF GARCIA RIVER	93-07	7/20/2001	E	3	145	1.0:1.6:0.0	3	1	9.1	15	7.4
SF GARCIA RIVER	93-08	8/10/1994	E	5	65		2	1		14	
SF GARCIA RIVER	93-08	8/7/1995	E	7			3	1		14.5	
SF GARCIA RIVER	93-08	7/31/1996	E	7			3	3		14.5	
SF GARCIA RIVER	93-08	8/7/2000	E	4	120	1.0:0.8:0.0	3	1	9.3	13	6.9

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A119. Summary of results for aquatic species surveys within the Garcia River watershed, Mendocino Co., California. Refer to Maps 32-34.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
SF GARCIA RIVER	93-09	8/10/1994	14	12				
SF GARCIA RIVER	93-09	8/7/1995		PRESENT	PRESENT			PGS
SF GARCIA RIVER	93-09	7/31/1996	PRESENT		PRESENT			PGS YLF
SF GARCIA RIVER	93-09	8/7/2000	13	2	1			YLF
SF GARCIA RIVER	93-09	7/20/2001	9		1			PGS YLF
FLEMMING CREEK	93-10	8/10/1994	35	12	2			
FLEMMING CREEK	93-10	8/7/1995	PRESENT	PRESENT	PRESENT			PGS YLF
FLEMMING CREEK	93-10	7/31/1996	PRESENT	PRESENT				PGS YLF
FLEMMING CREEK	93-10	8/7/2000	9	5				PGS SCP
FLEMMING CREEK	93-10	7/20/2001	13	1				PGS
FLEMMING CREEK	93-11	7/31/1996		PRESENT	PRESENT			PGS YLF
FLEMMING CREEK	93-11	8/7/2000	8	4	1			PGS
FLEMMING CREEK	93-11	7/20/2001	10	2				PGS

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B119. Summary of site parameters within the Garcia River watershed, Mendocino Co., California. Refer to Maps 32-34.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
SF GARCIA RIVER	93-09	8/10/1994	E	5	45		2	1		13	
SF GARCIA RIVER	93-09	8/7/1995	E	5			3	1		13.5	
SF GARCIA RIVER	93-09	7/31/1996	E	5			3	2		14	
SF GARCIA RIVER	93-09	8/7/2000	E	3	111	1.0:1.9:0.0	3	1	8.5	13	6.9
SF GARCIA RIVER	93-09	7/20/2001	E	2	130	1.0:2.8:0.0	3	1	8.6	12.2	7
FLEMMING CREEK	93-10	8/10/1994	E	5	80		2	1		13	
FLEMMING CREEK	93-10	8/7/1995	E	4			3	1		14	
FLEMMING CREEK	93-10	7/31/1996	E	4			3	2		14	
FLEMMING CREEK	93-10	8/7/2000	E	2	105	1.0:3.8:0.0	3	1	9.6	13	6.8
FLEMMING CREEK	93-10	7/20/2001	E	2	129	1.0:1.6:0.0	3	1	9.8	12.1	6.8
FLEMMING CREEK	93-11	7/31/1996	E	3			3	2		14	
FLEMMING CREEK	93-11	8/7/2000	E	2	96	1.0:1.0:0.0	3	1	8.4	13	6.9
FLEMMING CREEK	93-11	7/20/2001	E	4	146	1.0:2.9:0.0	3	1	7.6	12.2	6.9

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A120. Summary of results for aquatic species surveys within the Point Arena Creek watershed, Mendocino Co., California. Refer to Map 32.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
POINT ARENA CREEK	94-07	8/15/2000						PGS
POINT ARENA CREEK	94-07	8/13/2001						PGS

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B120. Summary of site parameters within the Point Arena Creek watershed, Mendocino Co., California. Refer to Map 32.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
POINT ARENA CREEK	94-07	8/15/2000	E	3	140	1.0:0.5:0.0	2	1	8.4	13	7
POINT ARENA CREEK	94-07	8/13/2001	E	1	97	1.0:0.5:0.0	2	1	8.9	13.1	7.3

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A121. Summary of results for aquatic species surveys within the Moat Creek watershed, Mendocino Co., California. Refer to Map 32.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
TRIB TO MOAT CREEK #1	94-05	8/15/2000						PGS
TRIB TO MOAT CREEK #1	94-05	8/13/2001						CNT CRY PGS
MOAT CREEK	94-06	8/15/2000						PGS

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B121. Summary of site parameters within the Moat Creek watershed, Mendocino Co., California. Refer to Map 32.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
TRIB TO MOAT CREEK #1	94-05	8/15/2000	E	6	93	1.0:0.0:0.0	1	1	7.1	13	6
TRIB TO MOAT CREEK #1	94-05	8/13/2001	E	1	30	1.0:0.0:0.0	1	1	5.4	13.8	6.7
MOAT CREEK	94-06	8/15/2000	E	4	109	1.0:0.2:0.0	2	1	6.5	13	6.9

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A122. Summary of results for aquatic species surveys within the Schooner Gulch watershed, Mendocino Co., California. Refer to Map 32.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
SHINGLE MILL GULCH	94-01	8/10/1994						PGS
SHINGLE MILL GULCH	94-01	8/10/1995						PGS
SHINGLE MILL GULCH	94-01	8/1/1996						PGS
SHINGLE MILL GULCH	94-01	8/7/2000						PGS
SHINGLE MILL GULCH	94-01	8/2/2001						PGS
SCHOONER GULCH	94-02	8/10/1995	PRESENT	PRESENT				PGS
SCHOONER GULCH	94-02	8/15/2000	5	3				PGS
SCHOONER GULCH	94-02	8/2/2001	3	2	1			PGS
HALL GULCH	94-03	8/10/1995		PRESENT				PGS
HALL GULCH	94-03	8/15/2000		3				PGS
HALL GULCH	94-03	8/2/2001	4					
CHINA GULCH	94-04	8/10/1995						PGS
CHINA GULCH	94-04	8/15/2000						PGS
CHINA GULCH	94-04	8/2/2001						PGS

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B122. Summary of site parameters within the Schooner Gulch watershed, Mendocino Co., California. Refer to Map 32.

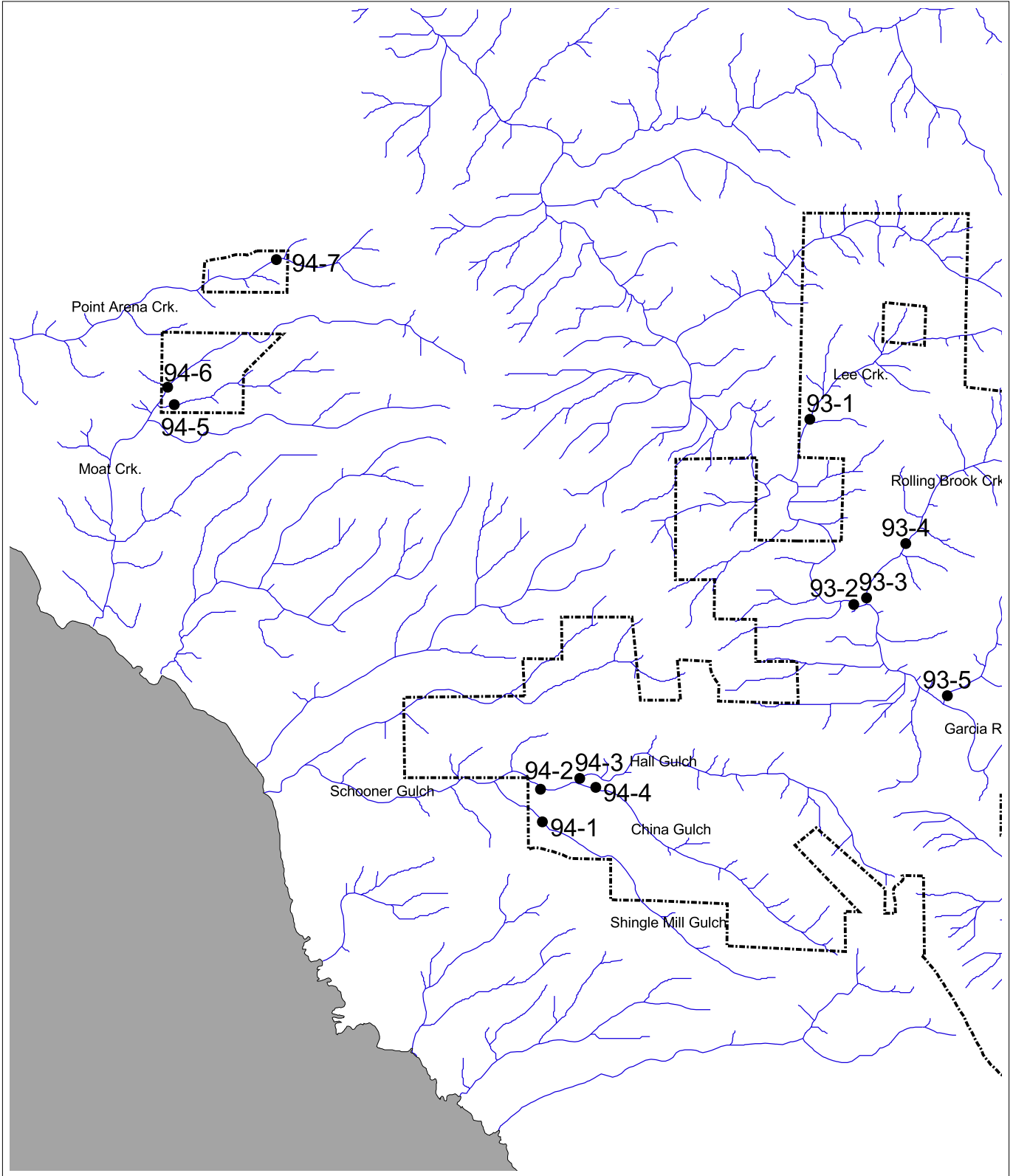
Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
SHINGLE MILL GULCH	94-01	8/10/1994	E	5	90		2	1		14	
SHINGLE MILL GULCH	94-01	8/10/1995	E	3			1	1		14.5	
SHINGLE MILL GULCH	94-01	8/1/1996	E	5			1	1		13.5	
SHINGLE MILL GULCH	94-01	8/7/2000	E	3	131	1.0:0.1:0.5	3	1	5	14.5	6.6
SHINGLE MILL GULCH	94-01	8/2/2001	E	2	96	1.0:1.7:0.0	3	1	5.49	12.9	6.7
SCHOONER GULCH	94-02	8/10/1995	E	8			3	1		14.5	
SCHOONER GULCH	94-02	8/15/2000	E	2	97	1.0:0.9:0.0	3	1	9.8	13	6.5
SCHOONER GULCH	94-02	8/2/2001	E	2	120	1.0:1.3:0.0	3	1	7	12.4	6.6
HALL GULCH	94-03	8/10/1995	E	4			3	1		14	
HALL GULCH	94-03	8/15/2000	E	2	115	1.0:0.2:0.0	3	1	8.6	13	7.2
HALL GULCH	94-03	8/2/2001	E	2	101	1.0:0.7:0.0	3	1	7.6	12.9	6.3
CHINA GULCH	94-04	8/10/1995	E	3			3	1		14	
CHINA GULCH	94-04	8/15/2000	E	2	115	1.0:1.1:0.0	3	1	8.1	12	6.5
CHINA GULCH	94-04	8/2/2001	E	2	102	1.0:2.6:0.0	3	1	7.21	12.4	6.9

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

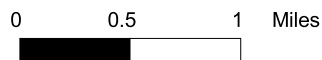
*Blank spaces indicate that no data was collected.

Map 32: Schooner Gulch

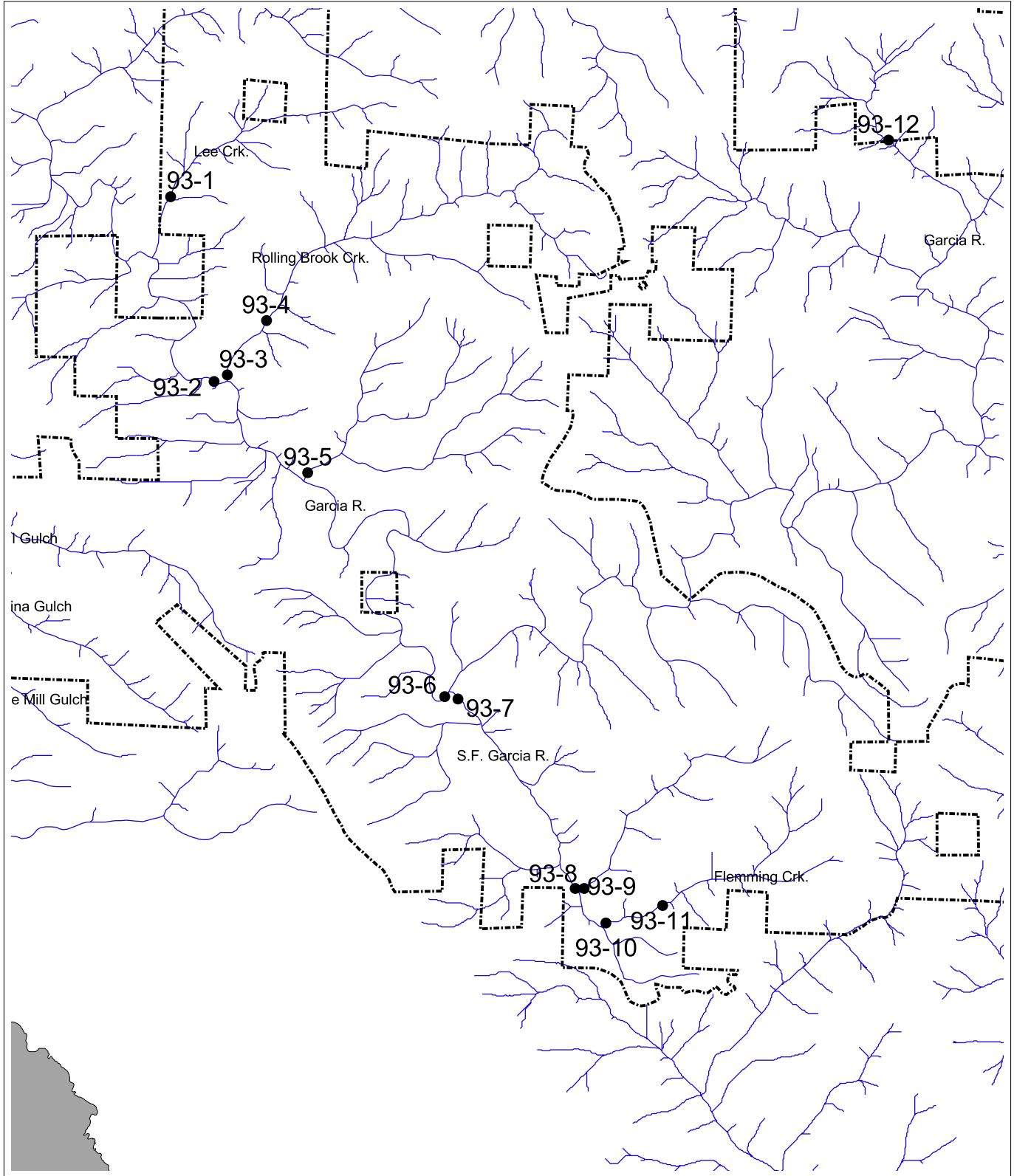


1:55000

Mendocino Redwood Company, LLC



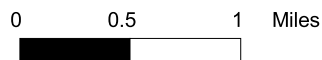
Map 33: South Fork Garcia River



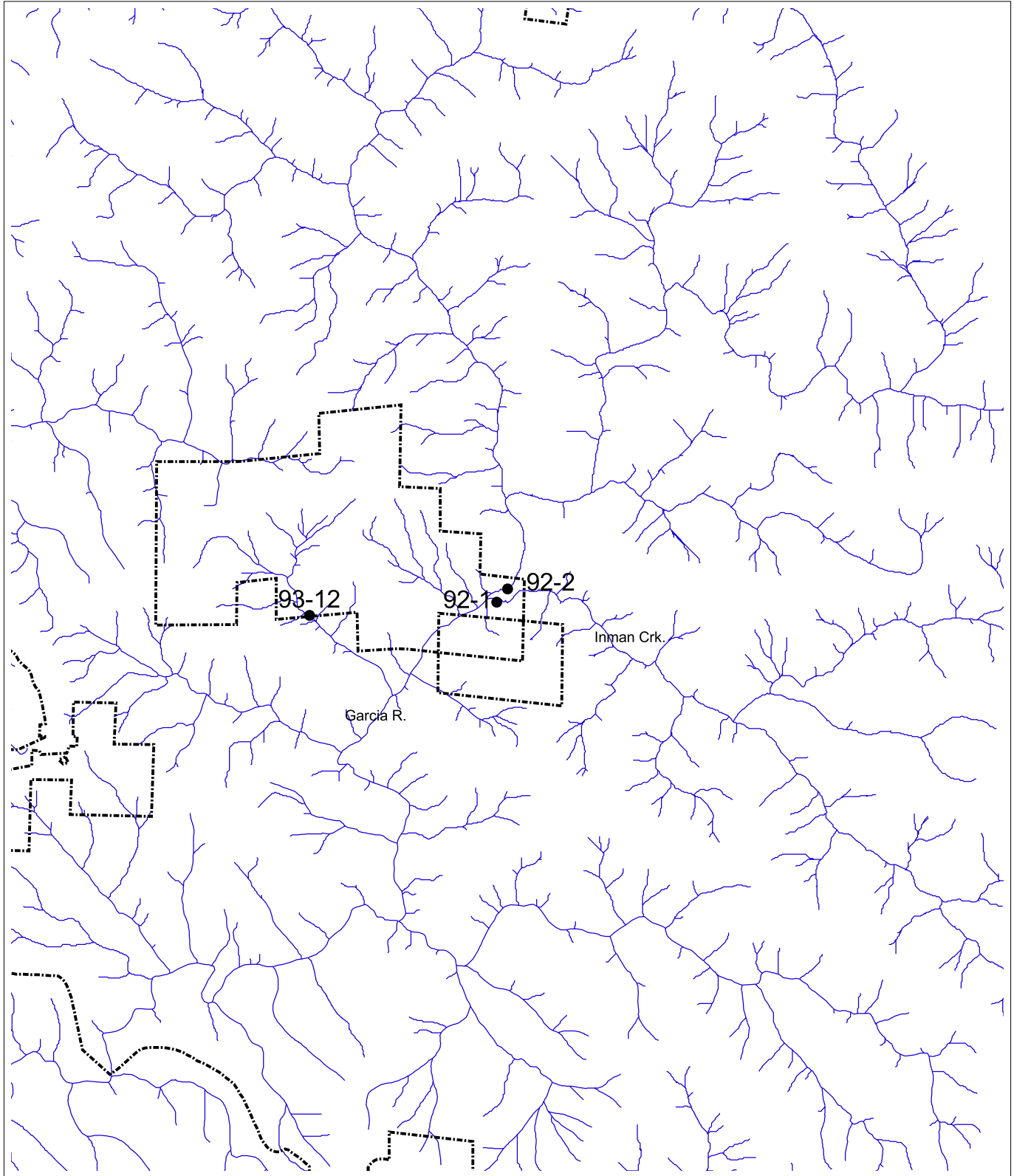
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Mendocino Redwood Company, LLC

- Pacific Ocean
- Site ID
- MRC Ownership
- Watercourse



Map 34: Upper Garcia River



1:55000

Mendocino Redwood Company, LLC

● Site ID
- - - MRC Ownership
~ Watercourse

0 0.5 1 Miles



Appendix 8: UTM coordinates and latitude / longitude of sites within the Garcia River Inventory Block.

Basin	Site ID	Easting Coordinate	Northing Coordinate	Latitude	Longitude
Garcia River	92-01	457513	4306344	38.90683	-123.490005
	92-02	457620	4306472	38.90799	-123.488777
	93-01	448596	4305658	38.900173	-123.592789
	93-02	449025	4303836	38.883778	-123.587708
	93-03	449154	4303900	38.884365	-123.58622
	93-04	449540	4304436	38.889217	-123.58181
	93-05	449947	4302935	38.875713	-123.577011
	93-06	451297	4300728	38.8559	-123.561295
	93-07	451426	4300706	38.855709	-123.559799
	93-08	452583	4298841	38.838966	-123.546341
	93-09	452669	4298841	38.83897	-123.545349
	93-10	452883	4298498	38.835892	-123.542862
93-11	453441	4298670	38.837471	-123.536446	
93-12	455670	4306215	38.905579	-123.511246	
Point Arena Crk.	94-07	443337	4307233	38.914043	-123.653557
Moat Crk.	94-05	442331	4305803	38.901089	-123.665039
	94-06	442266	4305975	38.902637	-123.66581
Schooner Gulch	94-01	445960	4301692	38.864277	-123.622871
	94-02	445939	4302014	38.867176	-123.623138
	94-03	446324	4302121	38.868164	-123.618706
	94-04	446367	4302078	38.867779	-123.61821

Table A123. Summary of results for aquatic species surveys within the Gualala River watershed, Mendocino Co., California. Refer to Map 35.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
WHEATFIELD FORK	97-01	8/15/1995	PRESENT	PRESENT	PRESENT			RCH SCP STB
WHEATFIELD FORK	97-01	7/16/1996	PRESENT	PRESENT	PRESENT			RCH SCP
WHEATFIELD FORK	97-01	8/9/2000		2	1			RCH SCP
WHEATFIELD FORK	97-01	8/6/2001	50					CRY RCH
ANNAPOLIS FALLS CREEK	97-02	8/15/1995	PRESENT	PRESENT				CRY PGS
ANNAPOLIS FALLS CREEK	97-02	7/16/1996	PRESENT					
ANNAPOLIS FALLS CREEK	97-02	8/9/2000	8	1				CR YLF
ANNAPOLIS FALLS CREEK	97-02	8/6/2001	9					
TRIB TO ANNAPOLIS FALLS CREEK #1	97-03	8/15/1995	PRESENT	PRESENT	PRESENT			
TRIB TO ANNAPOLIS FALLS CREEK #1	97-03	7/16/1996	PRESENT					PGS
TRIB TO ANNAPOLIS FALLS CREEK #1	97-03	8/9/2000	5	2				
TRIB TO ANNAPOLIS FALLS CREEK #1	97-03	8/6/2001	2		1			
TRIB TO WHEATFIELD FORK #1	97-04	8/14/1995	PRESENT					PGS RCH YLF
TRIB TO WHEATFIELD FORK #1	97-04	7/16/1996	PRESENT					PGS
TRIB TO WHEATFIELD FORK #1	97-04	8/9/2000	2					PGS

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B123. Summary of site parameters within the Gualala River watershed, Mendocino Co., California. Refer to Map 35.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
WHEATFIELD FORK	97-01	8/15/1995	D				3	2		21	
WHEATFIELD FORK	97-01	7/16/1996	D				3	3		21	
WHEATFIELD FORK	97-01	8/9/2000	E	2	213	1.0:1.3:0.0	3	2	9	20	7.9
WHEATFIELD FORK	97-01	8/6/2001	D		150	1.0:0.0:0.0	3	0		21.8	7.4
ANNAPOLIS FALLS CREEK	97-02	8/15/1995	E	6			3	1		15.5	
ANNAPOLIS FALLS CREEK	97-02	7/16/1996	D				3	1		15.5	
ANNAPOLIS FALLS CREEK	97-02	8/9/2000	E	2	101	1.0:0.5:0.0	3	1	8.7	16	8
ANNAPOLIS FALLS CREEK	97-02	8/6/2001	E	2	48	1.0:0.0:0.0	3	0		15	6.7
TRIB TO ANNAPOLIS FALLS CREEK #1	97-03	8/15/1995	E	3			2	1		14.5	
TRIB TO ANNAPOLIS FALLS CREEK #1	97-03	7/16/1996	D				2	1		13.5	
TRIB TO ANNAPOLIS FALLS CREEK #1	97-03	8/9/2000	E	1	109	1.0:0.7:0.0	3	1	3.4	15	6.9
TRIB TO ANNAPOLIS FALLS CREEK #1	97-03	8/6/2001	E	2	113	1.0:1.2:0.0	1	0		13.7	6.6
TRIB TO WHEATFIELD FORK #1	97-04	8/14/1995	E	3			3	0		15	
TRIB TO WHEATFIELD FORK #1	97-04	7/16/1996	V	3			3	1		15.5	
TRIB TO WHEATFIELD FORK #1	97-04	8/9/2000	E	2	92	1.0:1.6:0.0	3	1	8.8	14	8.1

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A124. Summary of results for aquatic species surveys within the Gualala River watershed, Mendocino Co., California. Refer to Map 35.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
TRIB TO WHEATFIELD FORK #1	97-04	8/8/2001		1				RCH
FULLER CREEK	97-05	8/14/1995	PRESENT	PRESENT	PRESENT			RCH SCP STB YLF
FULLER CREEK	97-05	7/16/1996	PRESENT	PRESENT	PRESENT			RCH SCP
FULLER CREEK	97-05	8/9/2000	5	1				RCH SCP
FULLER CREEK	97-05	8/8/2001	4					CRY NWP RCH SCP
SULLIVAN CREEK	97-06	8/14/1995	PRESENT	PRESENT				YLF
SULLIVAN CREEK	97-06	7/17/1996	PRESENT	PRESENT	PRESENT			
SULLIVAN CREEK	97-06	8/8/2000	5	4				RCH SCP YLF
SULLIVAN CREEK	97-06	8/8/2001	7	2				RCH YLF
SULLIVAN CREEK	97-07	7/17/1996	PRESENT	PRESENT	PRESENT			YLF
SULLIVAN CREEK	97-07	8/8/2000						PGS YLF
SULLIVAN CREEK	97-07	8/8/2001						PGS YLF
FULLER CREEK	97-08	8/14/1995	PRESENT	PRESENT				RCH STB
FULLER CREEK	97-08	7/17/1996	PRESENT	PRESENT	PRESENT			RCH SCP STB YLF
FULLER CREEK	97-08	8/8/2000	6	2				RCH STB

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B124. Summary of site parameters within the Gualala River watershed, Mendocino Co., California. Refer to Map 35.

Stream Name	SITE ID	DATE	METHOD e=electrofishing d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
TRIB TO WHEATFIELD FORK #1	97-04	8/8/2001	E	2	97	1.0:0.2:0.0	3	0	4.9	14.8	6.8
FULLER CREEK	97-05	8/14/1995	D				3	1		16.5	
FULLER CREEK	97-05	7/16/1996	D				3	2		22	
FULLER CREEK	97-05	8/9/2000	E	2	161	1.0:0.9:0.0	3	1	7.3	17	7.5
FULLER CREEK	97-05	8/8/2001	D		96	1.0:0.1:0.0	3	1	6.6	17.2	7.4
SULLIVAN CREEK	97-06	8/14/1995	D				3	1		16.5	
SULLIVAN CREEK	97-06	7/17/1996	D				3	1		17	
SULLIVAN CREEK	97-06	8/8/2000	E	3	101	1.0:0.1:0.0	3	1	8.7	15	7.4
SULLIVAN CREEK	97-06	8/8/2001	E	2	100	1.0:0.7:0.0	3	1	7.2	15.2	7.1
SULLIVAN CREEK	97-07	7/17/1996	D				3	0		17	
SULLIVAN CREEK	97-07	8/8/2000	E	2	87	1.0:1.9:0.0	3	1	6.7	16	7.5
SULLIVAN CREEK	97-07	8/8/2001	E	1	104	1.0:0.5:0.0	3	1	8.32	15.2	7.0
FULLER CREEK	97-08	8/14/1995	D				3	1		20.5	
FULLER CREEK	97-08	7/17/1996	D				3	2		19.5	
FULLER CREEK	97-08	8/8/2000	E	3	170	1.0:0.3:0.3	3	1	8.4	18	7.8

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A125. Summary of results for aquatic species surveys within the Gualala River watershed, Mendocino Co., California. Refer to Map 35.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
FULLER CREEK	97-08	8/8/2001	10	4				CR PR RCH
TRIB TO FULLER CREEK #1	97-09	8/14/1995	PRESENT	PRESENT				PGS
TRIB TO FULLER CREEK #1	97-09	7/17/1996	PRESENT	PRESENT	PRESENT			
TRIB TO FULLER CREEK #1	97-09	8/8/2000	6	1				PGS
TRIB TO FULLER CREEK #1	97-09	8/6/2001	6					PGS
FULLER CREEK	97-10	8/14/1995	PRESENT	PRESENT	PRESENT			RCH STB
FULLER CREEK	97-10	7/17/1996	PRESENT	PRESENT				RCH SCP STB
FULLER CREEK	97-10	8/8/2000	16	2				RCH SCP STB YLF
FULLER CREEK	97-10	8/6/2001	11					PR
WHEATFIELD FORK	97-11	8/14/1995	PRESENT	PRESENT	PRESENT			RCH STB
WHEATFIELD FORK	97-11	7/16/1996	PRESENT	PRESENT				RCH SCP
WHEATFIELD FORK	97-11	8/8/2000	1	2				RCH STB
WHEATFIELD FORK	97-11	8/8/2001						RCH
HAUPT CREEK	97-12	8/15/1995	PRESENT	PRESENT				PGS RCH STB
HAUPT CREEK	97-12	7/17/1996	PRESENT	PRESENT	PRESENT			RCH SCP STB

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B125. Summary of site parameters within the Gualala River watershed, Mendocino Co., California. Refer to Map 35.

Stream Name	SITE ID	DATE	METHOD e=electrofishing d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
FULLER CREEK	97-08	8/8/2001	E	3	99	1.0:0.3:0.0	3	1	8.04	17.3	7.5
TRIB TO FULLER CREEK #1	97-09	8/14/1995	E	4			3	1		15	
TRIB TO FULLER CREEK #1	97-09	7/17/1996	D				3	1		15	
TRIB TO FULLER CREEK #1	97-09	8/8/2000	E	1	105	1.0:0.6:0.0	3	1	9	15	7.8
TRIB TO FULLER CREEK #1	97-09	8/6/2001	E	2	101	1.0:1.6:0.0	3	1		14.7	7.2
FULLER CREEK	97-10	8/14/1995	D				3	1		22	
FULLER CREEK	97-10	7/17/1996	D				3	2		21	
FULLER CREEK	97-10	8/8/2000	E	10	239	1.0:0.4:0.0	3	1	8.2	17	7.8
FULLER CREEK	97-10	8/6/2001	E	2	157	1.0:0.8:0.0	3	1	7.2	18.4	7.4
WHEATFIELD FORK	97-11	8/14/1995	D				3	2		22.5	
WHEATFIELD FORK	97-11	7/16/1996	D				3	2		24.5	
WHEATFIELD FORK	97-11	8/8/2000	E	4	208	1.0:0.5:0.0	3	2	6.3	20	7.3
WHEATFIELD FORK	97-11	8/8/2001	D		166	1.0:0.5:0.0	3	0	7.48	22	8
HAUPT CREEK	97-12	8/15/1995	E	4			3	0			
HAUPT CREEK	97-12	7/17/1996	D				3	1		20	

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A126. Summary of results for aquatic species surveys within the Gualala River watershed, Mendocino Co., California. Refer to Map 35.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
HAUPT CREEK	97-12	7/6/2000	12	3				
HAUPT CREEK	97-12	8/6/2001	3	2				PR RCH STB YLF
CROCKER CREEK	97-13	8/15/1995						PGS YLF
CROCKER CREEK	97-13	7/17/1996	PRESENT	PRESENT				
CROCKER CREEK	97-13	7/7/2000	11	2				PGS YLF
CROCKER CREEK	97-13	8/6/2001						PGS YLF
WHEATFIELD FORK	97-14	8/15/1995		PRESENT				RCH STB
WHEATFIELD FORK	97-14	7/17/1996	PRESENT		PRESENT			RCH STB
WHEATFIELD FORK	97-14	7/7/2000	2					RCH STB
WHEATFIELD FORK	97-14	8/6/2001	1					AMM RCH STB
TOBACCO CREEK	97-15	8/15/1995	PRESENT	PRESENT				PGS
TOBACCO CREEK	97-15	7/17/1996	PRESENT					PGS RSN
TOBACCO CREEK	97-15	8/8/2000	7	3				PGS
TOBACCO CREEK	97-15	8/6/2001		7				YLF

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B126. Summary of site parameters within the Gualala River watershed, Mendocino Co., California. Refer to Map 35.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
HAUPT CREEK	97-12	7/6/2000	E	3	108	1.0:0.3:0.0	3	1	6.25	16.1	6.9
HAUPT CREEK	97-12	8/6/2001	E	1	134	1.0:0.3:0.0	3	1		21.4	7.0
CROCKER CREEK	97-13	8/15/1995	E	3			3	1		15.5	
CROCKER CREEK	97-13	7/17/1996	D				3	1		15	
CROCKER CREEK	97-13	7/7/2000	E	3	100	1.0:0.5:0.0	3	1	8.85	13.8	7.1
CROCKER CREEK	97-13	8/6/2001	E	4	90	1.0:0.3:0.0	3	1		15.4	6.4
WHEATFIELD FORK	97-14	8/15/1995	D				3	2		25	
WHEATFIELD FORK	97-14	7/17/1996	D				3	3		19	
WHEATFIELD FORK	97-14	7/7/2000	D		285	1.0:0.0:0.8	2	2	10.34	20	8.5
WHEATFIELD FORK	97-14	8/6/2001	D		130	1.0:0.4:0.0	3	2	7.8	25.9	8.1
TOBACCO CREEK	97-15	8/15/1995	E	5			3	1		17	
TOBACCO CREEK	97-15	7/17/1996	D				3	1		15	
TOBACCO CREEK	97-15	8/8/2000	E	3	105	1.0:0.9:0.0	3	1	8.5	15	7.9
TOBACCO CREEK	97-15	8/6/2001	E	2	110	1.0:1.9:0.0	3	1	7	17	7.5

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A127. Summary of results for aquatic species surveys within the Russian River watershed, Mendocino Co., California. Refer to Map 36.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
TRIB TO FREEZEOUT CREEK #1	98-01	8/2/1995	PRESENT	PRESENT				PGS
TRIB TO FREEZEOUT CREEK #1	98-01	8/13/1996	PRESENT	PRESENT	PRESENT			PGS SCP
TRIB TO FREEZEOUT CREEK #1	98-01	7/5/2000	6	2				PGS PR SCP
TRIB TO FREEZEOUT CREEK #1	98-01	8/7/2001	4	1				
TRIB TO FREEZEOUT CREEK #1	98-11	7/5/2000						PGS
TRIB TO FREEZEOUT CREEK #1	98-11	8/7/2001						PGS
FREEZEOUT CREEK	98-02	10/27/1994						PGS
FREEZEOUT CREEK	98-02	8/2/1995	PRESENT	PRESENT	PRESENT			SCP
FREEZEOUT CREEK	98-02	8/13/1996	PRESENT	PRESENT				PGS SCP
FREEZEOUT CREEK	98-02	7/5/2000	7	3				SCP
FREEZEOUT CREEK	98-02	8/7/2001	17	1				CR PR
FREEZEOUT CREEK	98-03	10/27/1994	6	2				CRY PGS SCP
FREEZEOUT CREEK	98-03	8/2/1995						PGS
FREEZEOUT CREEK	98-03	8/13/1996						PGS
FREEZEOUT CREEK	98-03	7/5/2000						PGS

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B127. Summary of site parameters within the Russian River watershed, Mendocino Co., California. Refer to Map 36.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
TRIB TO FREEZEOUT CREEK #1	98-01	8/2/1995	E	2			3	1		15	
TRIB TO FREEZEOUT CREEK #1	98-01	8/13/1996	E	4			3	1		14.5	
TRIB TO FREEZEOUT CREEK #1	98-01	7/5/2000	E	3	93	1.0:0.8:0.0	3	1	9.05	13	7.5
TRIB TO FREEZEOUT CREEK #1	98-01	8/7/2001	E	1	108	1.0:3.2:0.0	3	1	7.85	14.1	7.7
TRIB TO FREEZEOUT CREEK #1	98-11	7/5/2000	E	2	100	1.0:0.5:0.0	3	1	9.51	12.5	7.7
TRIB TO FREEZEOUT CREEK #1	98-11	8/7/2001	E	1	97	1.0:4.4:0.0	3	1	8.2	13.5	7.7
FREEZEOUT CREEK	98-02	10/27/1994	E	5	60		2	1			
FREEZEOUT CREEK	98-02	8/2/1995	E	3			3	1		15.5	
FREEZEOUT CREEK	98-02	8/13/1996	E	5			3	1		14.5	
FREEZEOUT CREEK	98-02	7/5/2000	E	4	105	1.0:0.4:0.0	3	1	9.55	13	7.8
FREEZEOUT CREEK	98-02	8/7/2001	E	2	112	1.0:1.5:0.0	3	1	4.64	14.2	6.5
FREEZEOUT CREEK	98-03	10/27/1994	E	5	70		2	1			
FREEZEOUT CREEK	98-03	8/2/1995	E	3			3	1		15	
FREEZEOUT CREEK	98-03	8/13/1996	E	3			3	1		15.5	
FREEZEOUT CREEK	98-03	7/5/2000	E	6	99	1.0:1.1:0.0	3	1	9.9	12.5	7.8

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A128. Summary of results for aquatic species surveys within the Russian River watershed, Mendocino Co., California. Refer to Map 36.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
FREEZEOUT CREEK	98-03	8/7/2001						CNT PGS
WILLOW CREEK	98-04	7/13/1994	1	5				SCP STB
WILLOW CREEK	98-04	8/2/1995	PRESENT	PRESENT	PRESENT			SCP STB
WILLOW CREEK	98-04	8/13/1996	PRESENT	PRESENT	PRESENT			SCP STB
WILLOW CREEK	98-04	7/5/2000	7	1				SCP
WILLOW CREEK	98-04	8/7/2001	5	4	1			CR PR
WILLOW CREEK	98-05	7/13/1994	4	12				SCP
WILLOW CREEK	98-05	7/5/2000	5	21	4			SCP
WILLOW CREEK	98-05	8/7/2001	3	9				CRY PGS PR
OWL CREEK	98-06	8/2/1995	PRESENT	PRESENT	PRESENT			PGS SCP
OWL CREEK	98-06	8/13/1996			PRESENT			PGS
OWL CREEK	98-06	7/5/2000	1					PGS
OWL CREEK	98-06	8/7/2001	2					PGS
WILLOW CREEK	98-07	7/13/1994	2	4				PGS
WILLOW CREEK	98-07	8/2/1995	PRESENT	PRESENT	PRESENT			SCP

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B128. Summary of site parameters within the Russian River watershed, Mendocino Co., California. Refer to Map 36.

Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
FREEZEOUT CREEK	98-03	8/7/2001	E	3	91	1.0:1.3:0.0	3	1	8.1	14.6	7.4
WILLOW CREEK	98-04	7/13/1994	E	5	70		2			13	
WILLOW CREEK	98-04	8/2/1995	E	4			3	1		15	
WILLOW CREEK	98-04	8/13/1996	E	9			3	1		14.5	
WILLOW CREEK	98-04	7/5/2000	D		148	1.0:0.8:0.6	3	1	8.32	12.6	7.3
WILLOW CREEK	98-04	8/7/2001	E	2	92	1.0:0.1:0.0	3	1	4.85	15.2	7.0
WILLOW CREEK	98-05	7/13/1994	E	5	65		2	1		12.5	
WILLOW CREEK	98-05	7/5/2000	D		94	1.0:0.3:0.0	3	1	8.37	13.1	7.5
WILLOW CREEK	98-05	8/7/2001	E	3	91	1.0:0.2:0.0	3	2	4.11	15	6.7
OWL CREEK	98-06	8/2/1995	E	3			3	1		15	
OWL CREEK	98-06	8/13/1996	E	2			3	1		15	
OWL CREEK	98-06	7/5/2000	D		112	1.0:1.3:0.0	3	1	7.8	12.1	7.5
OWL CREEK	98-06	8/7/2001	V		104	1.0:0.3:0.0	3	0	5.87	14.1	7.2
WILLOW CREEK	98-07	7/13/1994	E	3	60		2	1		13.5	
WILLOW CREEK	98-07	8/2/1995	E	5			3	1		16	

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

Table A129. Summary of results for aquatic species surveys within the Russian River watershed, Mendocino Co., California. Refer to Map 36.

STREAM NAME	SITE ID	DATE	STH <70 MM	STH 70-130 MM	STH >130 MM	COH <70 MM	COH 70-130 MM	OTHER SPECIES
WILLOW CREEK	98-07	8/13/1996	PRESENT	PRESENT	PRESENT			PGS SCP
WILLOW CREEK	98-07	7/5/2000	8	12				
WILLOW CREEK	98-07	8/7/2001	4	4				
WILLOW CREEK	98-08	8/2/1995	PRESENT	PRESENT	PRESENT			PGS
WILLOW CREEK	98-08	8/13/1996	PRESENT	PRESENT	PRESENT			PGS
WILLOW CREEK	98-08	7/6/2000	3	1	1			PGS
WILLOW CREEK	98-08	8/7/2001	2	1	1			PGS
WILLOW CREEK	98-09	8/2/1995						PGS
WILLOW CREEK	98-09	8/13/1996						
WILLOW CREEK	98-09	7/6/2000						
WILLOW CREEK	98-09	8/7/2001						PGS
TRIB TO WILLOW CREEK #1	98-10	8/2/1995						PGS
TRIB TO WILLOW CREEK #1	98-10	8/13/1996						PGS
TRIB TO WILLOW CREEK #1	98-10	7/6/2000		1				PGS
TRIB TO WILLOW CREEK #1	98-10	8/7/2001						PGS

* Species Abbreviations; AMM=Pacific Lamprey Larvae; BLF=Bullfrog; CDS=Clouded Salamander; CNT=California Newt; CR=Coast Range Sculpin; CRY=Crayfish; LAM=Pacific Lamprey; NEW=Newt (Unidentified Species); NWP=Western Pond Turtle; PBL=Pacific Brook Lamprey; PGS=Pacific Giant Salamander; PR=Prickly Sculpin; PTF=Pacific Tree Frog; RCH=California Roach; RLF=Red Legged Frog; RSN=Rough Skinned Newt; SCP=Sculpin (Unidentified Species); SKR=Sacramento Sucker; STB=Stickleback; TLF=Tailed Frog; YLF=Yellow Legged Frog.

* Blank spaces indicate that no organisms were observed.

Table B129. Summary of site parameters within the Russian River watershed, Mendocino Co., California. Refer to Map 36.

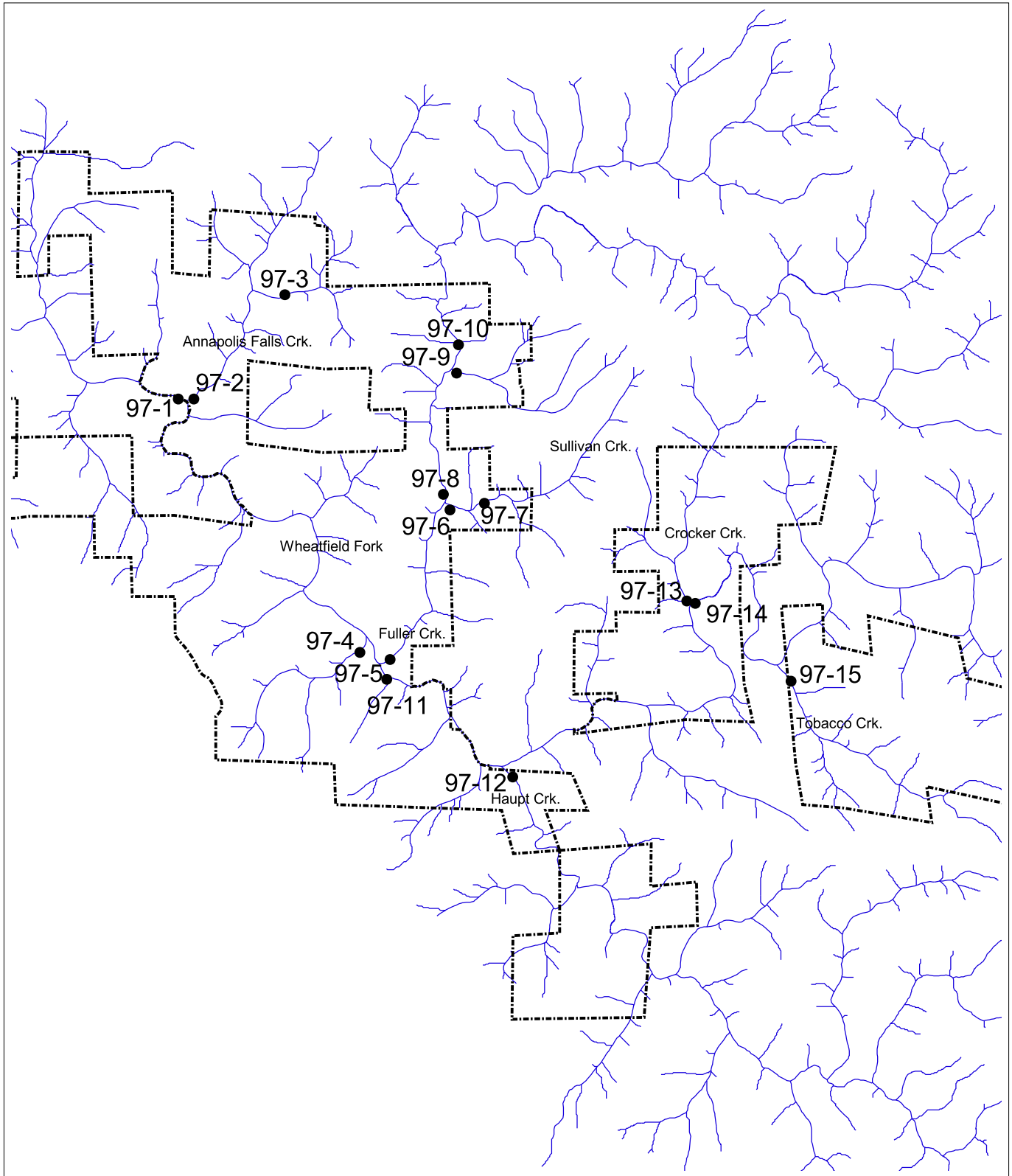
Stream Name	SITE ID	DATE	METHOD e=electrofish d=dive v=visual	EFFORT (minutes)	DISTANCE (feet)	POOL : RIFFLE: FLATWATER BY LENGTH	VISIBILITY*	FLOW*	DO mg/l	TEMP °C	pH
WILLOW CREEK	98-07	8/13/1996	E	7			3	1		15.5	
WILLOW CREEK	98-07	7/5/2000	D		109	1.0:2.3:1.0	3	1	7.54	13.5	7.2
WILLOW CREEK	98-07	8/7/2001	E	2	123	1.0:0.4:0.4	3	0	5.3	14.1	7.1
WILLOW CREEK	98-08	8/2/1995	E	6			3	1		14.5	
WILLOW CREEK	98-08	8/13/1996	E	8			2	1		15	
WILLOW CREEK	98-08	7/6/2000	E	4	95	1.0:0.1:0.0	3	1	8.48	11	7.8
WILLOW CREEK	98-08	8/7/2001	E	2	105	1.0:1.6:0.0	3	1	7	14.8	7.6
WILLOW CREEK	98-09	8/2/1995	E	3			3	1		15	
WILLOW CREEK	98-09	8/13/1996	E	4			3	1		15.5	
WILLOW CREEK	98-09	7/6/2000	E	4	115	1.0:2.0:0.0	2	1	9.49	11.5	7.7
WILLOW CREEK	98-09	8/7/2001	E	2	110	1.0:0.3:0.0	3	1	8.1	14.4	7.6
TRIB TO WILLOW CREEK #1	98-10	8/2/1995	E	2			3	1		14	
TRIB TO WILLOW CREEK #1	98-10	8/13/1996	E	2			3	1		14.5	
TRIB TO WILLOW CREEK #1	98-10	7/6/2000	E	1	108	1.0:0.7:0.0	3	1	8.53	11.7	7.7
TRIB TO WILLOW CREEK #1	98-10	8/7/2001	E	2	95	1.0:1.1:0.0	3	1	7.42	14.4	7.7

*Visibility: 1=<1 ft. 2=1-5 ft. 3=>5 ft.

*Flow: 0=Intermittent 1=<1 CFS 2=1-5 CFS 3=>5 CFS

*Blank spaces indicate that no data was collected.

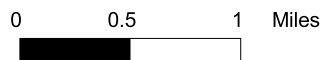
Map 35: Gualala River



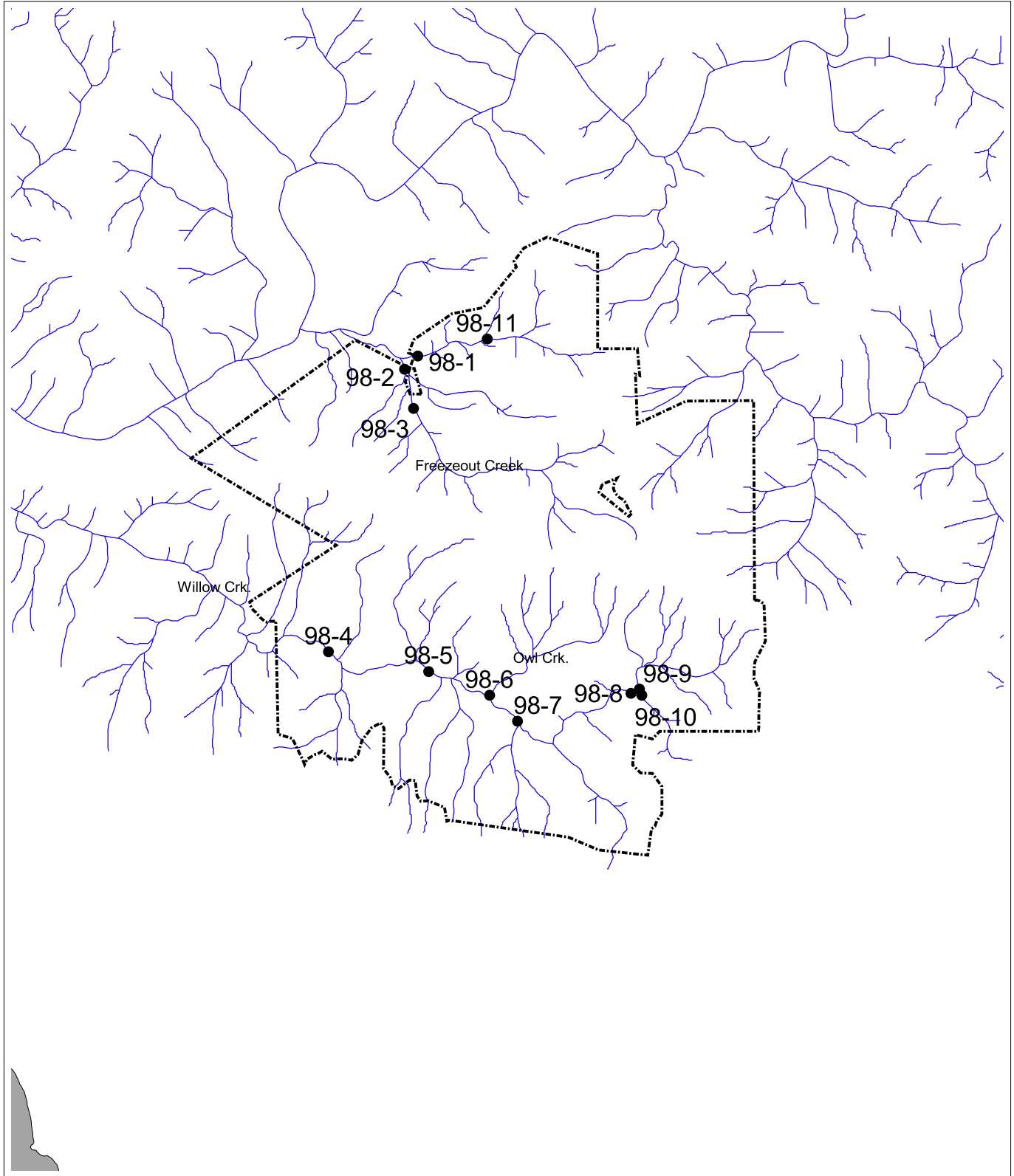
1:55000

Mendocino Redwood Company, LLC

● Site ID
--- MRC Ownership
~ Watercourse

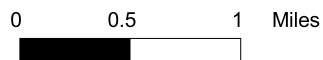


Map 36: Willow Creek



1:55000

Mendocino Redwood Company, LLC



Appendix 9: UTM coordinates and latitude / longitude of sites within the Sonoma Inventory Block.

Basin	Site ID	Easting Coordinate	Northing Coordinate	Latitude	Longitude
Gualala River	97-01	468852	4282744	38.694633	-123.35817
	97-02	469002	4282744	38.694637	-123.356445
	97-03	469902	4283773	38.703941	-123.346138
	97-04	470717	4280343	38.673058	-123.336624
	97-05	470867	4280129	38.671135	-123.334885
	97-06	471531	4281651	38.684872	-123.327316
	97-07	471874	4281715	38.685459	-123.32338
	97-08	471467	4281801	38.686222	-123.328056
	97-09	471596	4283001	38.697041	-123.326622
	97-10	471617	4283280	38.699554	-123.326393
	97-11	470910	4279979	38.669785	-123.334389
	97-12	472153	4279014	38.661129	-123.320061
	97-13	473868	4280751	38.676834	-123.300415
	97-14	473954	4280729	38.67664	-123.299423
	97-15	474897	4279958	38.669716	-123.288559
Russian River	98-01	496781	4255351	38.448303	-123.036888
	98-02	496653	4255222	38.44714	-123.038353
	98-03	496739	4254836	38.443661	-123.037369
	98-04	495903	4252436	38.422028	-123.046936
	98-05	496889	4252243	38.420292	-123.035637
	98-06	497489	4252007	38.418167	-123.028763
	98-07	497767	4251750	38.415852	-123.025581
	98-08	498882	4252028	38.418362	-123.01281
	98-09	498968	4252071	38.418747	-123.011818
	98-10	498989	4252007	38.418171	-123.011581
	98-11	497466	4255520	38.449829	-123.029037