CALIFORNIA DEPARTMENT OF FISH AND GAME

STREAM SURVEY

NAME: Coleman Valley Creek					COUNTY:		Sonoma .			
STREAM SECTION	Lower ON: 2.4 miles	FROM:_		ish limit To: <u>2.4 m</u>	niles upst	ream	_ LENGI	н: 2.4	miles	<u>.</u>
TRIBUTARY TO:	Salmon Creel	X		Twp:	6N	R:_	10W	SEC:	18	
OTHER NAMES:	Not Known			RIVER SYST	EM:	Salmo	on Creek			_•
SOURCES OF DATA	: personal obse	rvation an	d intervi	ews with loca	al rancher	:S				

EXTENT OF OBSERVATION
Include: Name of Surveyor, Date, Etc
LOCATION
RELATION TO OTHER WATERS
GENERAL DESCRIPTION

Watershed Immediate Drainage Basin Altitude (Range) Gradient

Width Depth

Flow (Range) Velocity Bottom

Spawning Areas

Shelter Barriers Diversions

Temperatures Food

Aquatic Plants Winter Conditions

Pollution Springs

FISHES PRESENT AND SUCCESS
OTHER VERTEBRATES
FISHING INTENSITY
OTHER RECREATIONAL USE
ACCESSIBILITY
OWNERSHIP
POSTED OR OPEN
IMPROVEMENTS
PAST STOCKING
GENERAL ESTIMATE
RECOMMENDED MANAGEMENT

REFERENCES AND MAPS

EXTENT OF OBSERVATION - Coleman Valley Creek surveyed on foot from mouth to the upper fish limit, a point 2.4 miles upstream on 3 August, 1965, by Bill Stout. **LOCATION** - Mouth Coleman Valley Creek located at confluence of Coleman Valley Creek and Salmon Creek, at a point approximately 0.1 mile south of the Coleman Valley Creek bridge, which is located 100 feet east of the end of the Paved County Road (Salmon Creek Road).

File form No

RELATION TO OTHER WATERS – Contributes winter and summer flow and provides .7 miles of good spawning grounds and .5 miles of good nursery grounds.

GENERAL DESCRIPTION -

Watershed and Immediate Drainage Basin – Size; 12.6 square miles; Coleman Valley Creek flows from a point approximately 0.95 miles due west of Baumert Springs 3.6 miles southwest, and 2.1 miles south; no current logging: logged out between 1962-63; Section 1 (from mouth to barb wire fence which crossed the stream 1.5 miles upstream from mouth); gentle 30 degree slopes, "U" shaped canyon; stable shallow wide stream channel with sand-gravel banks; vegetation abundant; red alder dominant, California Laurel, unidentified berry, horsetail, fern, big leaf maple, redwood; coverage confined primarily to stream channel with grass on summits. Section 2 (from barb wire fence 1.5 miles upstream) to 10 foot bedrock falls 2.4 miles upstream from mouth; (end of fish limit)(gentle 40 degree slopes, "U" shaped canyon; stable narrow stream channel with sand-gravel banks; vegetation common, bunch grass dominant, redwood trees, red alder, big leaf maple, fern, horsetail; coverage confined primarily to stream banks and adjacent slopes with grass on summits.

Altitude – At mouth 50 feet, at upstream fish limit 250 feet.

Gradient – Eighty-two feet per mile.

Width – Average 7 feet with range between one foot to fifteen feet.

Depth – Average 6 inches with range from one inch to twelve feet.

<u>Flow</u> – 1.7 cfs 100 feet upstream from mouth; 1.0 cfs 100 feet downstream from first west tributary; 1.3 cfs for stream. <u>Velocity</u> – Slow to moderately rapid.

Bottom – Section (1) (from mouth to barb wired fence 1.5 miles upstream) coarse rubble -10%, fine rubble -30%, coarse gravel-30%, fine gravel-25%, sand-5%. Section 2 (from barb wired fence 1.5 miles upstream) to 10 foot bedrock falls 2.4 miles upstream (end of upstream fish limit) bedrock 15%, boulders-30%, coarse rubble 25%, fine rubble 20%, coarse gravel 5%, fine gravel 5%.

Spawning Areas – Section 1 (from mouth to barb wire fence 1.5 miles upstream) 60% excellent. Section 2 (from barb wire fence 1.5 miles upstream) to end of upstream fish limit 10% poor.

Pools – 70% of stream: caused by boulders, bedrock, log jams, and digging action accurrent.

Shelter – Poor to excellent: Undercut banks, boulders, logs, and overhanging terrestrial vegetation.

<u>Barriers</u> – Partial (1) two log jams. Total (1) log jam 60 feet by 40 feet by 6 feet located 1.3 miles upstream from mouth (2) log jam 50 feet by 35 feet by 10 feet located 2.0 miles upstream from mouth (3) ten foot bedrock falls located 2.4 miles from mouth of stream.

Diversions – Not known.

Temperatures – Maximum air 70°F, water 60°F.

Food – Caddis fly larva: 25-30 square foot. Stone fly nymph: 5-10 square foot.

Aquatic Plants – Algae, moss, bunch grass.

<u>Winter Conditions</u> – Three to four feet above summer minimum.

Pollution – Not known.

Springs – One observed, 1.8 miles upstream from mouth.

FISHES PRESENT AND SUCCESS – Section 1 (from mouth to barb wire fence 1.5 miles upstream) SS - SH (one inch-four inches): 200/100 feet. Three/spined stickleback (½ inch-1 inch) 10/100 feet. Section 2 (from barb wire fence 1.5 miles upstream to end of upstream fish limit) SS - SH (one inch - four inches): 30/100. Three-spined stickleback (½ inch-1½ inches): 10/100. RT one observed 7 inches.

OTHER VERTEBRATES – Frogs, newts, garter snakes.

FISHING INTENSITY – Mrs. Pedrazzi reports light fishing intensity.

OTHER RECREATIONAL USES - Not known.

ACCESSIBILITY – Accessible by Salmon Creek Road which joins Bodega Highway in the town of Bodega. The creek is parallel by the Pedrazzi ranch road which joins to the one salmon creek road at the end of the county road (Salmon Creek Road) 100 feet west of the Coleman Valley Creek Bridge. Also accessed by Coleman Valley Road either from the town of Occidental or from Highway 1 approximately 7.0 miles south of Bridge Haven.

OWNERSHIP – To the east, Fred Stekker. To the west, E. Pedrazzi.

POSTED OR OPEN – Posted.

IMPROVEMENTS – Removal of four log jams from mouth to upper stream fish limit.

PAST STOCKING – Not known.

GENERAL ESTIMATE – Coleman Valley Creek has abundant spawning and nursery areas and is currently being utilized and populated by steelhead, silver salmon, stickleback, and rainbow trout. The few log jams present are moderately extensive and do hinder fish movement; favors a rainbow trout population especially in Section 2.

RECOMMENDED MANAGEMENT – Coleman Valley Creek should be managed for silver salmon and steelhead spawning and nursery ground especially in Section 1 (from mouth to barb wire fence 1.5 miles upstream) and the lower one half of Section 2 (from barb wire fence 1.5 miles upstream to end of fish limit). The barriers should be removed to improve traffic.

SKETCH MAP – See attached.

REFERENCES AND MAPS -

One U.S.G.S. Duncan's Mills 7½ series (1943X)

One U.S.G.S. Bodega Head 7½ series (1942).

One U.S.G.S. Camp Meger 7½ series (1954).

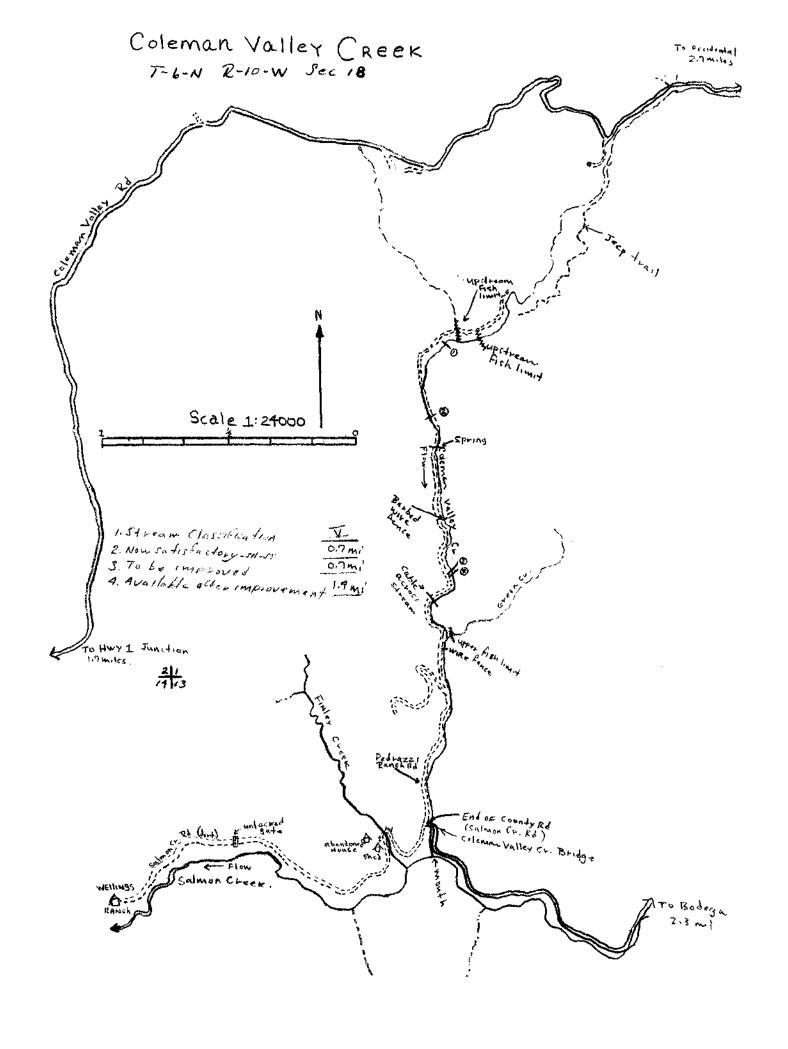
One U.S.G.S. Valley Ford 7½ series (1954).

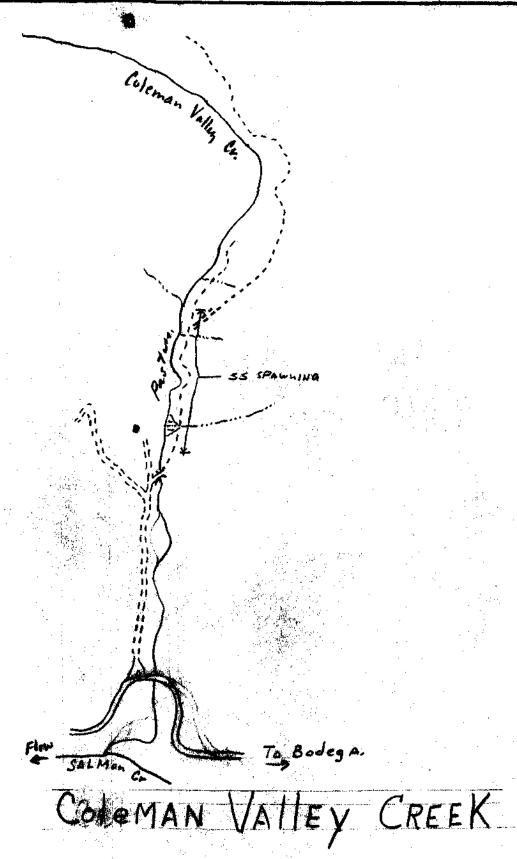
One Division of Forestry (Sonoma Ranger Unit) (1956).

Bill Stout August 4, 1965

BS:ls

9/23/65





SONOMA COUNTY

Scale IN Miles