

STREAM SURVEY

FILE FORM

No. _____

Date 7-14-76

NAME Boyes Creek COUNTY Humboldt

STREAM SECTION FROM mouth To 1.5 miles upstream LENGTH 1.5 mi.

TRIBUTARY TO Prairie Creek thence Redwood Creek Twp. 11N R. 1E Sec. 2 SE 1/4

OTHER NAMES _____ RIVER SYSTEM Redwood Creek

SOURCES OF DATA Personal observation, old stream survey data, U.S.G.S. map

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
Pools
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
SKETCH MAP
REFERENCES AND MAPS

EXTENT OF OBSERVATION: Walked stream from mouth to a point 1.5 miles upstream. Finn Garaas and Len Rudder were the surveyors.

RELATION TO OTHER WATERS: Boyes Creek is a tributary to Prairie Creek which in turn is a tributary to Redwood Creek.

GENERAL DESCRIPTION

Watershed: Virgin redwood forest, porous soil, 100% canopy.

Altitude: 1600 ft. m.s.l. - headwaters

Gradient: Gradual; overall - 540 ft./linear stream mile.

Width: Streambed averaged 30 feet, creek averaged 6 feet,

Depth: Averaged 4.0 inches,

Flow: Estimated 1 c.f.s.

Velocity: Slow

Bottom: 75% rubble; 15% gravel; 10% sand, mud and silt.

Spawning areas: Adequate, possible redds observed on downstream side of Highway 101 culvert crossing,

Pools: Pool to riffle ratio in survey area was 1 to 1.

Shelter: Debris, undercut banks, pools, good shelter observed,

Barriers: No major barriers were observed, Some minor alder windfalls were present across stream but did not cause any major obstruction to fish passage.

Temperatures: 54°F at 1130, 7/14/76 at point 0.75 mile upstream from mouth,

Food: Caddis larvae, snails, ammocoetes, and aquatic beetles were observed,

Winter Conditions: Winter flows appear to fill the streambed.

Pollution: None observed, No logging presently occurring in drainage.

FISH PRESENT: Young of the year salmonids, 0.75-2.0 inches (#'s/100 ft. of stream) were observed. Ammocoete larvae were observed below mouth of major forks,

FISHING INTENSITY: Very light to none.

OTHER RECREATIONAL USE: Cathedral Trees Trail (hiking) follows most of the creek,

ACCESSIBILITY: Cathedral Trees Trail which originates at Prairie Creek State Park office follows most of the creek and provides good access,

OWNERSHIP: Entire drainage is within the State Park boundaries.

RECOMMENDED MANAGEMENT: Retain creek within park boundaries and continue present management.