

Ecosystems of California Rivers

Variation in flow levels causes
scouring of bottom cleaning sediment
creating great fish habitat during high
tide. ~~Scour~~

Riparian vegetation provides habitat for aquatic
and terrestrial life.

Coarse woody debris → come down from river
in floods.

Steel heads - native ~~beaver~~ fish

Allophenous source - outside source
Autonomous - occurring within

Marsh - large amounts of water collect due to topography or soil that doesn't absorb.

found → crustaceans, fish, reptiles, birds, cattails, tules,
mammals

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Agriculture

- effects on state's cycling and flows of water
- effects on state's land cover
- " " stocks and flows of fertilizer

Uses 80-90% of water in California
covers 10% of land

found → almonds, lettuce, grapes, artichokes, strawberries
guma myotis - bat species with a
smooth cartilage in its feet

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Grassland

Grasslands adapted to California's
summer droughts - either die or are dormant
stay golden as they don't decompose

fox weed - sticky stems

Research - Jasper Ridge Global Change
experiment

- Manipulates - warming, CO₂ level, elevated rainfall
and nitrogen deposition and observe the change
helps

Serpentine rock - bubbles up along the faults

gopher - dig hole