





# Conserve the lands and waters on which all life depends.



# Statewide Restoration Projects

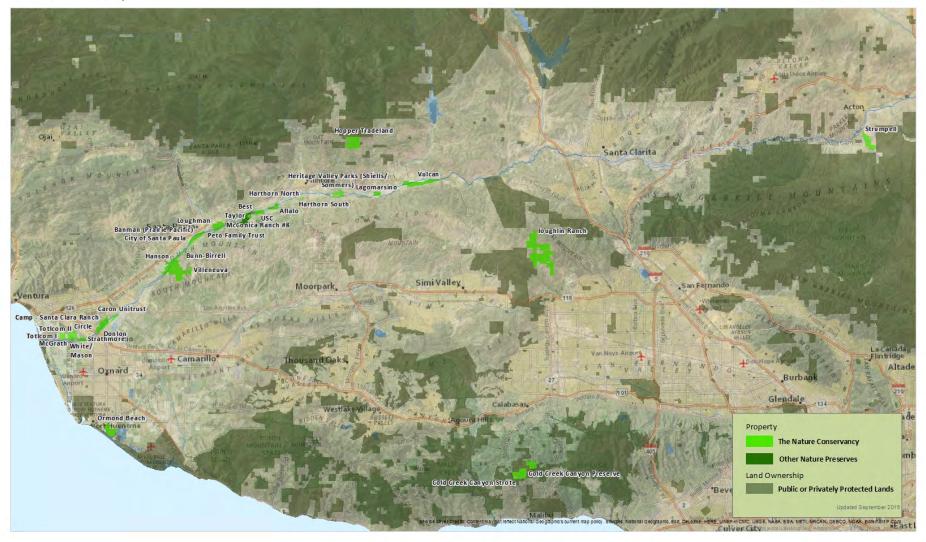


# Santa Clara River & Coast Project



Santa Clara River and Coast Conservation

The Nature Conservancy



# Goal: Protect and Restore the SCR System

- Restore hydrologic and geomorphic processes create and maintain native habitat and biodiversity
- Reconnect the river to its floodplain by removing levees
- Promote non-structural flood control measures
- Provide enhanced flood protection for surrounding communities
- Control invasive plant species
- Promote the preservation of compatible agriculture in the watershed



# **Project Objectives**

Multi-benefit Conservation Program

#### Habitat conservation

Acquire over 3,400 acres of river and coastal wetlands

Zoning policy changes (Conservation Subdivision)

Prioritize using Conservation Nodes

#### Non-structural flood protection

Floodplain Easement Program
Piloting green infrastructure program

#### Land Management

Promote agriculture as valued land use Leasing over 500 acres

#### Climate Change Adaptation

Coastal Resilience Ventura
Promote Natural Infrastructure



#### Sustainable Groundwater Management Act (SGMA)

Groundwater Sustainability Plans that protect groundwater dependent ecosystems Research to inform the ecosystem requirments

#### HISTORICAL ECOLOGY of the lower Santa Clara River, Ventura River, and Oxnard Plain: an analysis of terrestrial, riverine, and coastal habitats









San Francisco Estuary Institute

7770 Pardee Lane, 2nd Flr, Oakland, CA 94621

p: 510-746-7334 (SFEI), f: 510-746-7300, www.sfei.org

HISTORICAL ECOLOGY PROGRAM
CONTRIBUTION NO. 641 • AUGUST 2011



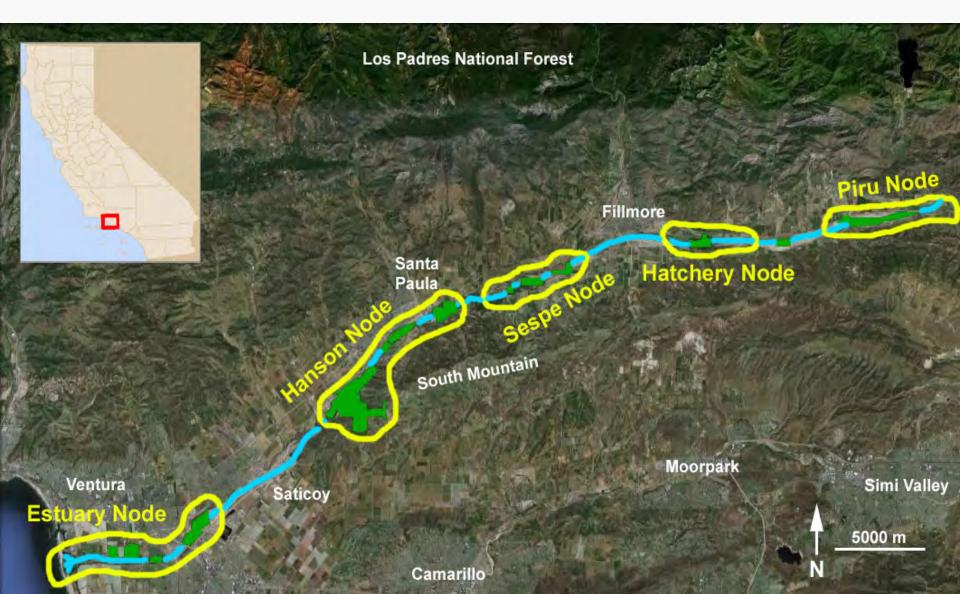
Protecting nature. Preserving life.™



Conservation Plan for the Lower Santa Clara River Watershed and Surrounding Areas

2008

# Restoration Node Planning



# **Habitat Restoration - Hanson**

Fall 2014







Spring 2017



# **Hanson Restoration – Wetland Creation**





Groundwater recharge Seasonal wetland habitat Stopover on the Pacific Flyway



# **Post-Fire Restoration**



## Results





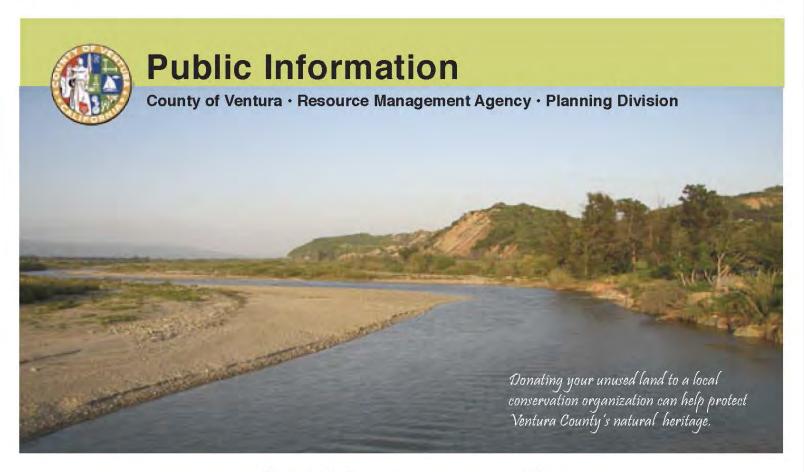
Griffith Wildlife Biology



Griffith Wildlife Biology

What are the factors that will lead to the delisting of the endangered least Bell's vireo?

## **Conservation Subdivision**



Have you considered donating or selling a portion of your land to a conservation agency?

### **Conservation Subdivision**

#### Exemption from Minimum Lot Size Requirements

- Problem: Property owner couldn't donate or sell a portion of a parcel unless it met the minimum size required for its zoning classification.
- Solution: Can subdivide into smaller than minimum lot size if one of those parcels is restricted to habitat conservation in perpetuity

#### **Easier Subdivision Process**

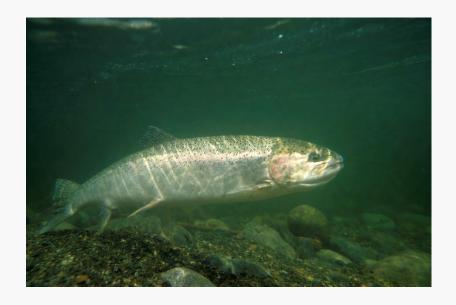
- Problem: Property owners who wanted to sell part of a parcel to a private conservation agency would have to process a subdivision map.
- Solution: Conservation Subdivision uses a Parcel Map Waiver process: <u>faster and cheaper!</u>



### **Conservation Subdivision**

#### **Advantages:**

- Tax break for donated land
- Cash for the portion of the land that's unusable for building or agriculture if a conservation group is willing to buy it
- Reduce maintenance costs, property taxes, estate taxes and/or insurance costs
- Protect valuable habitat and open space in Ventura County



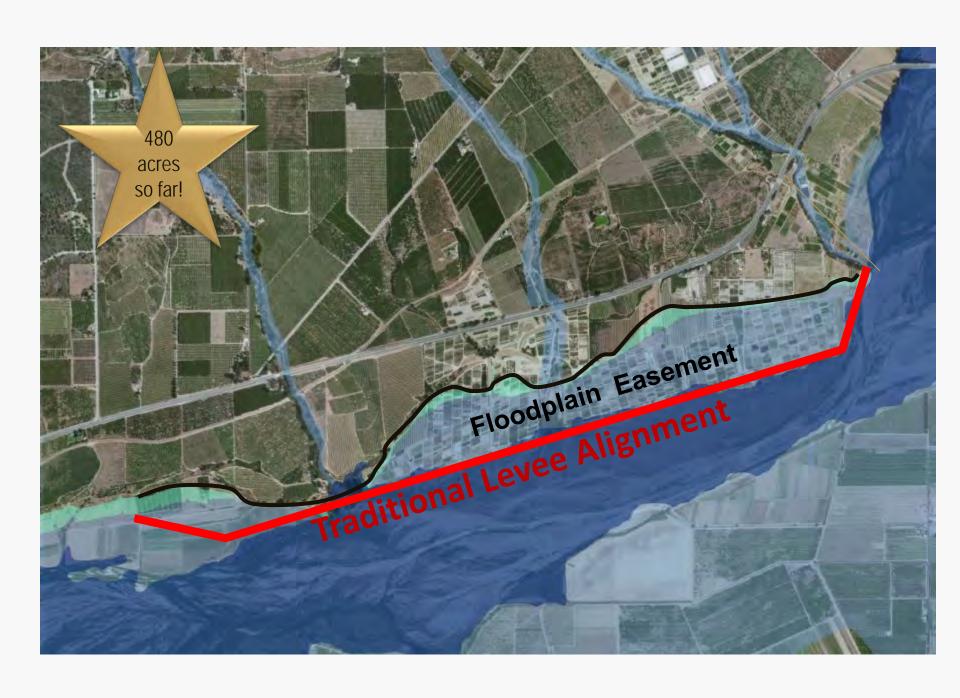


# Floodplain Protection









# Open Floodplain Benefits

- Lower initial costs than levees
- No maintenance costs
- Compatible with existing ag
- Downstream flood protection
- Improve surface water quality
- Increase ground water recharge
- Benefit wetlands habitat and sediment deposition
- Avoid regulatory issues (CEQA, 404, 1600 Permits)
- Eliminate need for "decertification"
- "Adversaries" become partners in implementation
- Funding is available!
   \$4.5M in grants (IRWMP/Prop 84 & Santa Clara River Trustee Council)







# Multi-benefit conservation balances the needs of people, agriculture, industry with nature

- Protects floodplain, agricultural land, and riparian habitat and streambed
- Increases groundwater recharge
- Habitat restoration reduces water demand and increases habitat for rare, threatened and endangered species
- Optimizes development and urbanization - Eliminates need to protect flood prone properties
- Allows for future restoration, expansion of floodplain, and reduction of flood hazards, while increasing ecological health



### Thanks to our Funders and Partners!











Santa Clara River Trustee Council

# Coastal Conservancy











Western Foundation of Vertebrate Zoology



# Laura Riege, Project Director LRiege@tnc.org

532 E. Main St., Suite 200 Ventura, CA 93001 (805) 290-4776



Thank you!