



Healthy Lands Healthy Waters

Amanda Benton, Forestry Program

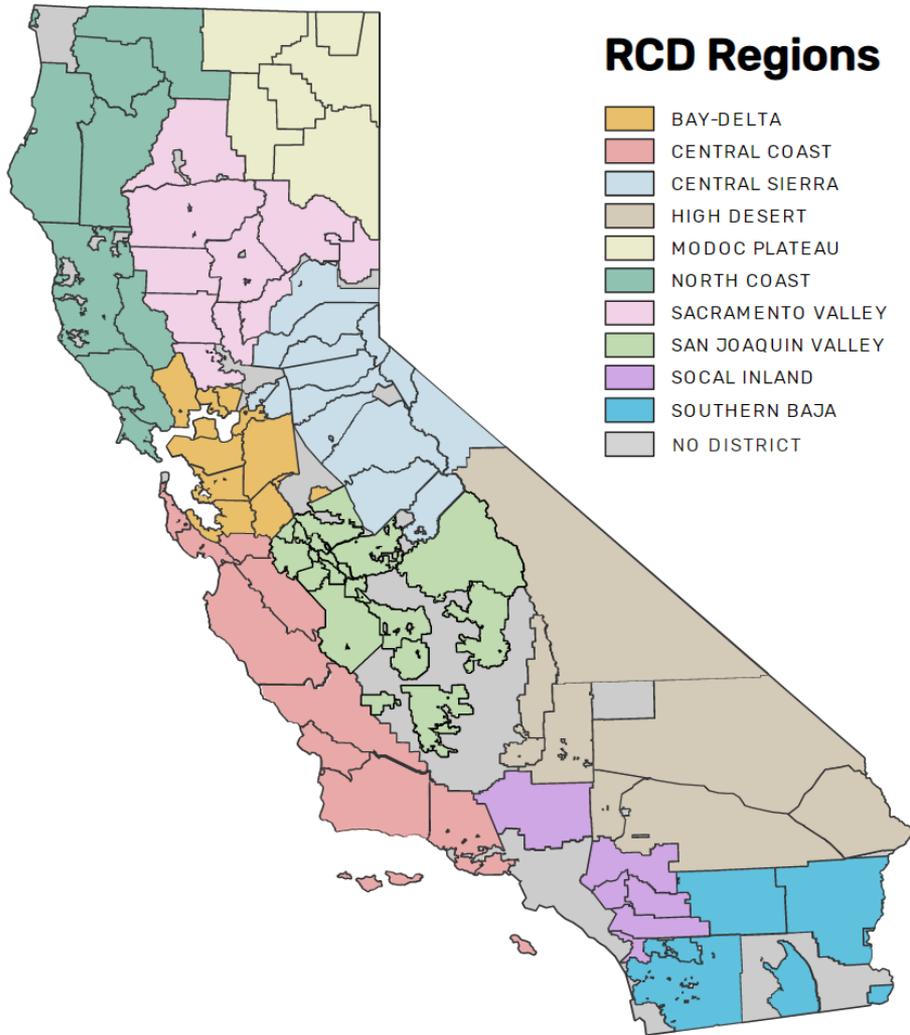
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"One of the best, and certainly the most promising, of the devices yet invented by man for dealing democratically and effectively with maladjustment in land use, as well as for carrying forward positive programs of desirable conservation, and for maintaining the work, is the soil conservation district."



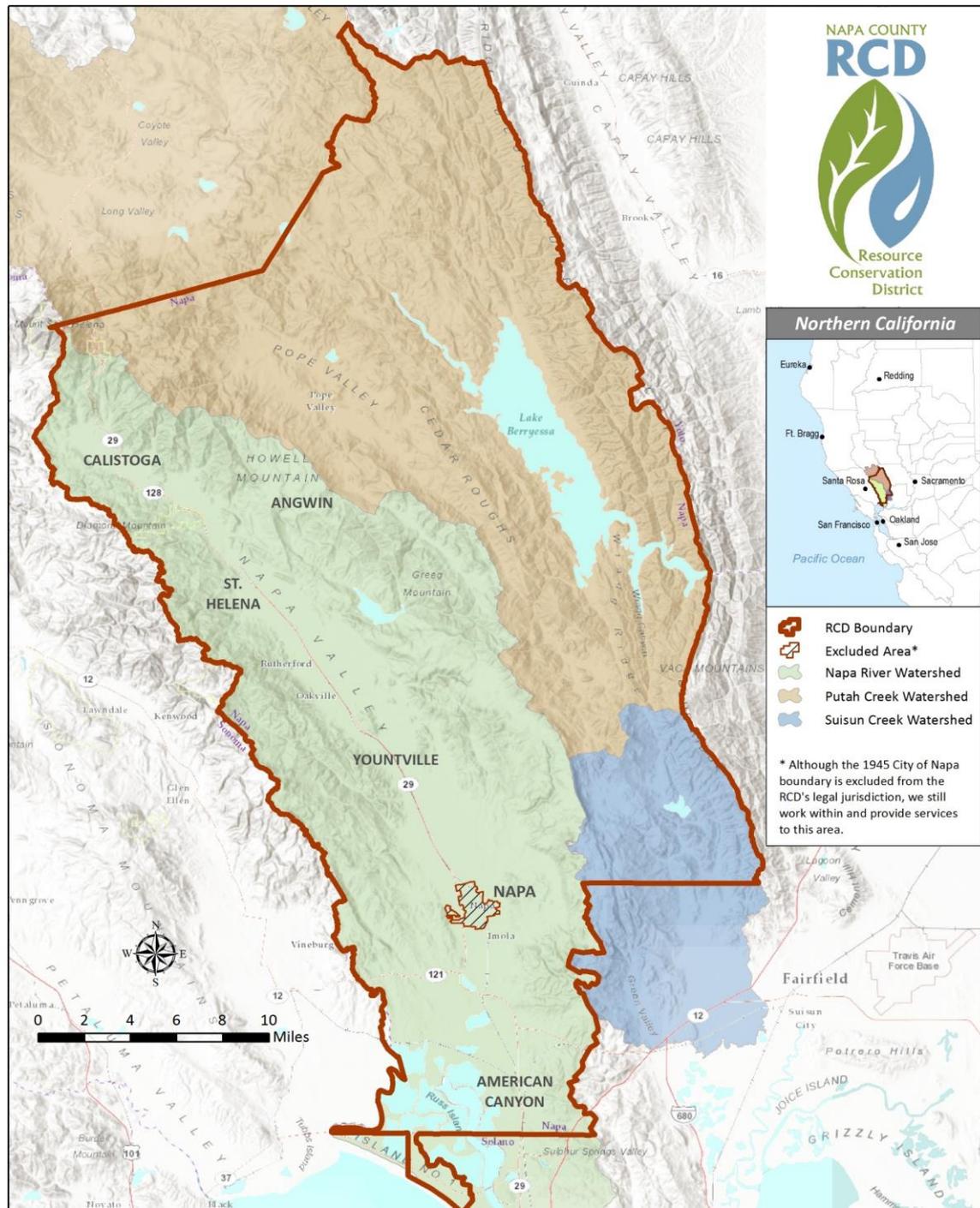
Dr. Hugh Hammond Bennett



Leaders from California's conservation community at an annual CARCD Conference.

From left: Carlos Suarez, NRCS State Conservationist; Glenn Franklin, former CARCD Board President; Dr. David Bunn, Director of the Department of Conservation; and Karen Buhr, Executive Director of CARCD

- Nonregulatory public agency – Special District
- Formed in 1945
- 7-member volunteer Board
- 9.2 FTE staff
- \$1.8M annual budget
- 85% of revenue from grants and contracts
- Partnership with USDA





Investigate: Understand our Watersheds

Monitor Indicator Species | Monitor Streamflow & Groundwater |
Track & Communicate Changes

Act: Improve Ecosystems

Reduce Erosion | Conserve Water | Enhance Habitats

Inspire: Engage Community

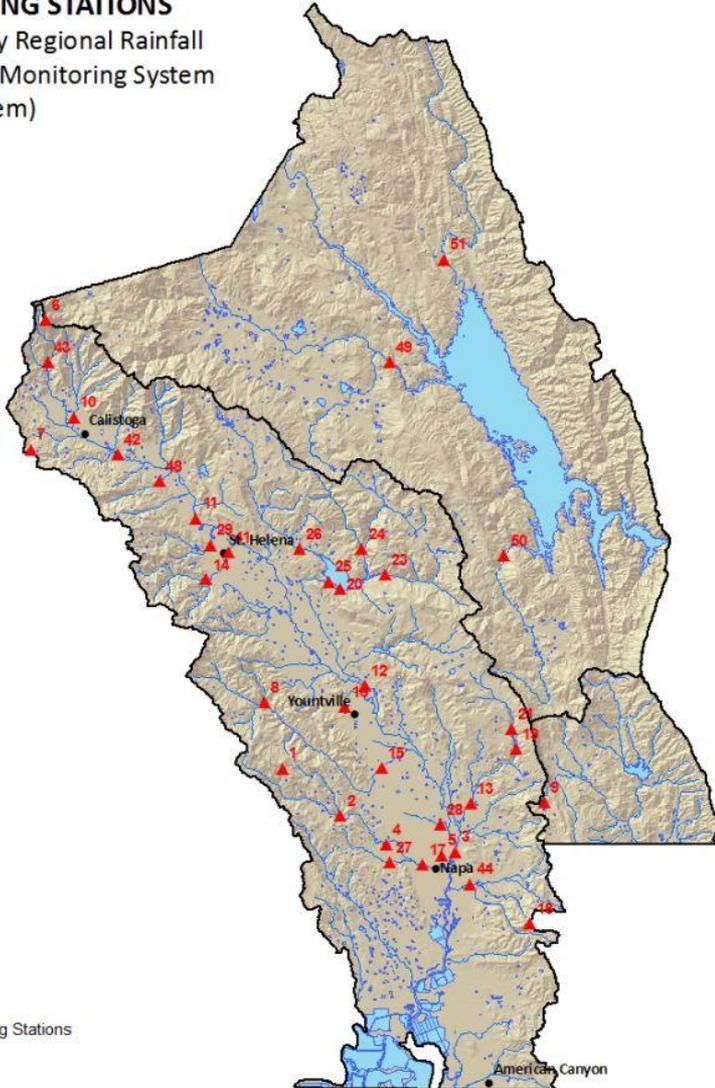
Involve Youth | Provide Community Opportunity | Communicate
Regularly

Manage Responsibly: Practice Excellence

Build Partnerships | Operate Responsibly

Investigate: Track & Communicate

MONITORING STATIONS Napa County Regional Rainfall and Stream Monitoring System (ALERT System)



Results

During the spring 2018 season, 23 fish species were captured in the RST, including 12 natives and 11 non-natives (Figure 5). Pacific lamprey macrothalmia were by far the most abundant fish captured (Figure 6); however, due to their extreme abundance and challenging physical characteristics (i.e. difficult to hold and identify), an accurate count was not possible. During the first week of operation, an estimated 5,000 Pacific lamprey macrothalmia were captured, and a second pulse of approximately 2,500 were captured two weeks later. Since these counts represent very rough estimates, abundances for this species/life stage were not included in any of the quantitative data analysis for this year. Excluding Pacific lamprey macrothalmia, native fishes comprised 93% of the remaining total catch (n=4,974) and non-native fishes accounted for 7% of the total catch (n=370).

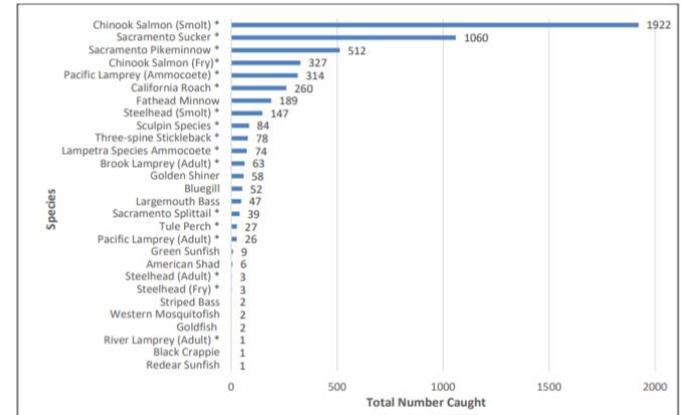
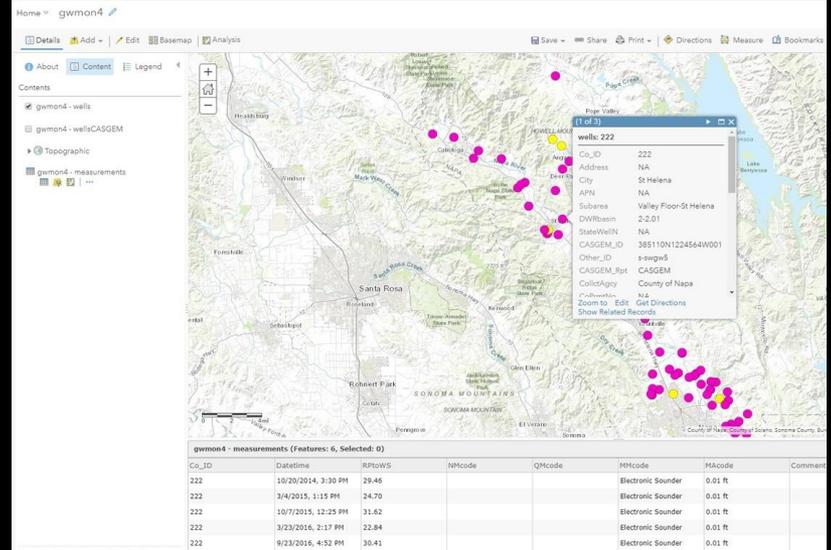


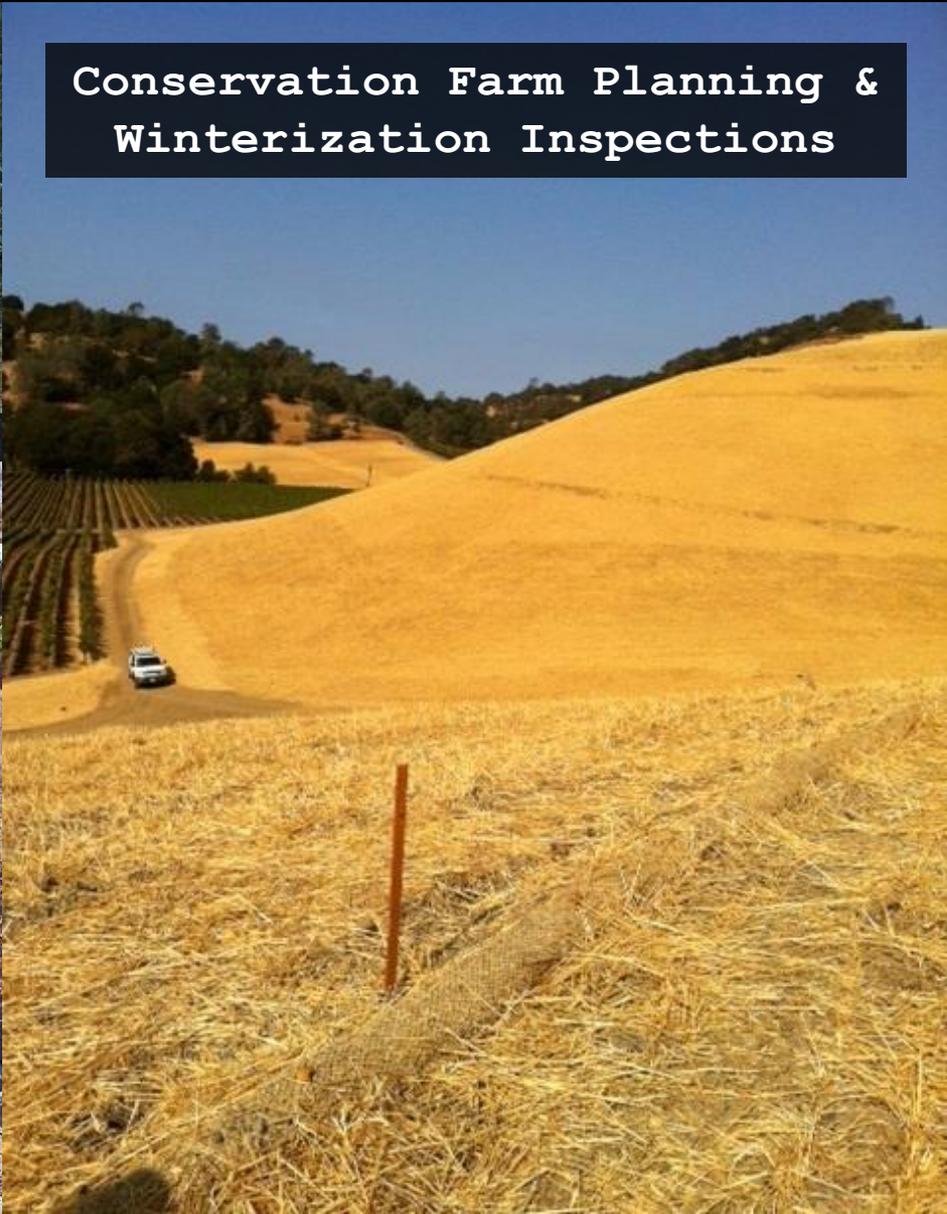
Figure 5. 2018 RST season catch totals excluding lamprey macrothalmia, which were too abundant to count.



Act: Erosion Control



Technical & Financial Assistance



Conservation Farm Planning & Winterization Inspections



Unpaved Road Assessments & Improvements

Inspire: Agricultural Workshops & Field Days



Sheep & Grapes

A workshop about the production, soil health, and climate benefits of integrating sheep into the vineyard. Hear from Wine Country farmers, as well as university and extension specialists.

When: Tuesday, April 2, 2019 at 8:30 am – 3:00 pm

Where: Napa Valley College, Student Activity Center
2277 Napa-Vallejo Highway, Napa, CA 94558

Cost: \$25.00/person, includes lunch and refreshments.
Register here: <http://naparcd.org/sheepworkshop/>



Agenda:

- Learn about the benefits of sheep grazing on soil health and vineyard floor management, and how sheep are managed around the grape production cycle.
- Learn about sheep health, physiology, and management.
- Learn how vineyard managers in California's Wine Country have used sheep in their vineyards.
- Learn how shepherds and ranchers provide grazing services to vineyards.
- Learn about a new project that seeks to understand how sheep-vineyard systems may be utilized to increase soil health and soil organic carbon while providing multiple production benefits.

Speakers:

- **Amélie Gaudin**, UC Davis, Assistant Professor of Agroecology
- **Dave Koball**, Noble Vineyard Management, Director of Viticulture
- **Glenn McGourty**, UC Cooperative Extension, County Director & Viticulture Advisor
- **Jim Lincoln**, Beckstoffer Vineyards, Vineyard Manager
- **Kari Flores**, Robert Sinskey Vineyards, Farming Operations Manager
- **Kelsey Brewer**, UC Davis, Graduate Student
- **Mary Maher**, Harlan Estate, Vineyard Manager
- **Miguel Garcia**, Napa County RCD, Sustainable Agriculture Program Manager
- **Robert and Jaime Irwin**, Kaos Sheep Outfit, Owners
- **Stephanie Larson**, UC Cooperative Extension, County Director & Livestock Range Management Advisor

Presented by:



Inspire: Youth Environmental Education



Inspire: Communicate Regularly

NapaRCD.org

NapaWatersheds.org

SoilHub.org

LandSmart.org



Social Media / e-
Connecting community and science to
improve watershed health

Admin Content

Enter Search Term or Phrase

SEARCH



WATER



FISH + WILDLIFE



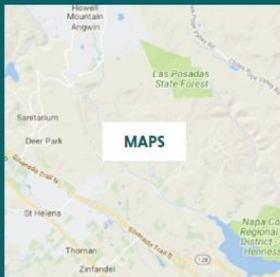
FOREST + PLANTS



CLIMATE + WEATHER



WATERSHED + COMMUNITY



MAPS



NEWS



EVENTS

Napa RCD partners with the Napa Library on new community program

Napa County Library staff are excited to announce their recent grant award in the amount of \$25,390.

The California Coastal Commission has graciously endowed funds to the Library for their upcoming H2O Superhero program. The program invites families and the public to learn, serve and protect Napa's waterways through an engaging series of library programs, books, materials, and activities that focus on waterway conservation and stewardship. The 18 to 20 month series, starting in April will include eco-tainment shows, local wildlife lectures, special storytimes, river hikes and clean-up days, and a variety of materials available for check out such as books, birding, and litter pick-up kits.



The program will be in partnership with Napa County Resource Conservation District, Napa-Solano Audubon Society, and Friends of the Napa River. The H2O Superheroes program will emphasize what residents can do to keep the waterways healthy and how the Napa River's health affects the ocean.

Congrats, Napa Library! We're looking forward to working with you on the program.

For more information, visit napalibrary.org/h2o



Partnerships

The Peter A.
& Vernice H.
Gasser
FOUNDATION



napa valley vintners

Only a few examples

Thank you!



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