



Responding to Sudden Oak Death on Public Lands



*Cindy Roessler
Senior Resource Management Specialist
Midpeninsula Regional Open Space District*

www.openspace.org

An aerial photograph of the San Francisco Peninsula. The San Francisco Bay is on the left, and the city of San Francisco is visible in the upper center. The Midpeninsula Regional Open Space District is outlined in a bright green line, covering a large area of the peninsula's interior. The district includes various types of terrain: dense green forests, open grassy fields, and some developed areas. The text "Midpeninsula Regional Open Space District" is overlaid in green on the left side of the image.

Midpeninsula Regional Open Space District

Best Management Practices





MROSD Board Directives – December 2005

1. Survey, map & mark potentially resistant trees.
2. Treat specimen trees.
3. Develop collaborative research fund.

Sudden Oak Death Research

- Tanoak Infection
- Tanoak Resistance



- Agri-Fos & Bay Removal
- Canyon Oaks

Tanoak Infection Study

- GIS vegetation mapping
- Staff knowledgeable of field conditions
- Staff provides field assistance



0 0.5 1 2 Miles

Tanoak Resistance Study

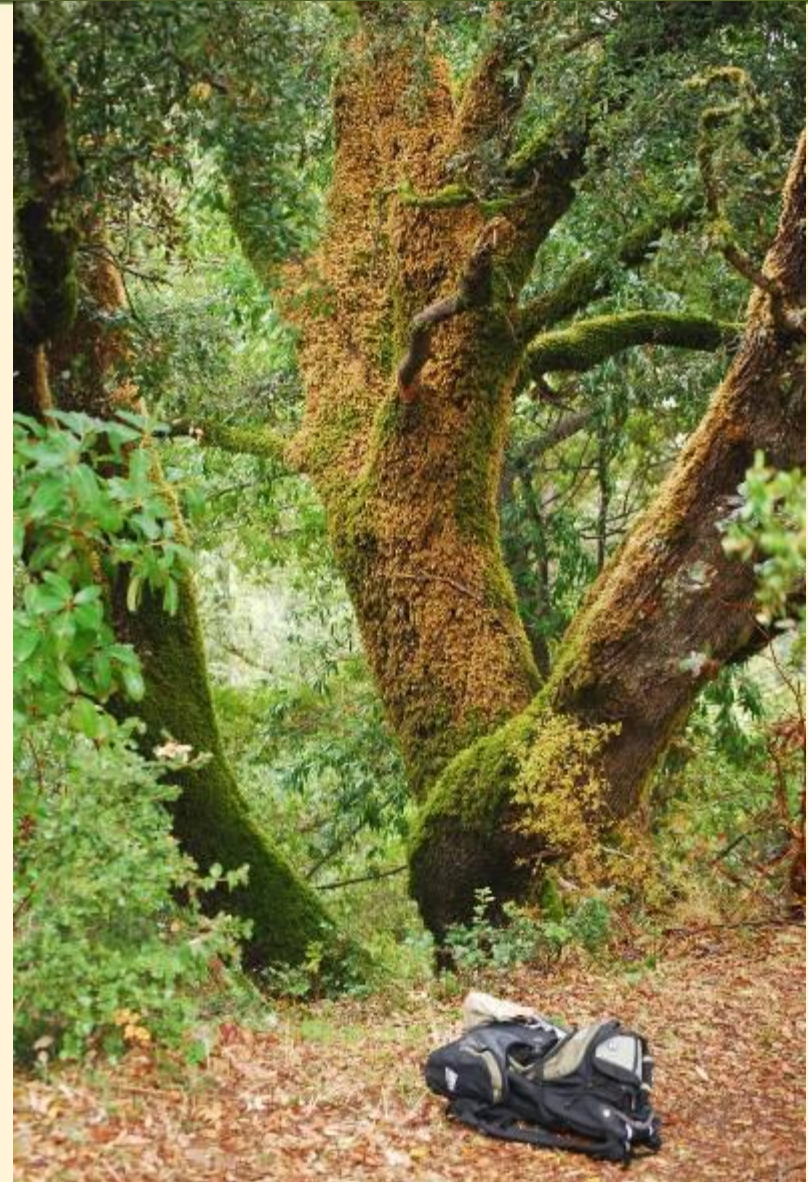


- Volunteers & staff collected acorns
- Volunteer team observing pollination of tanoaks

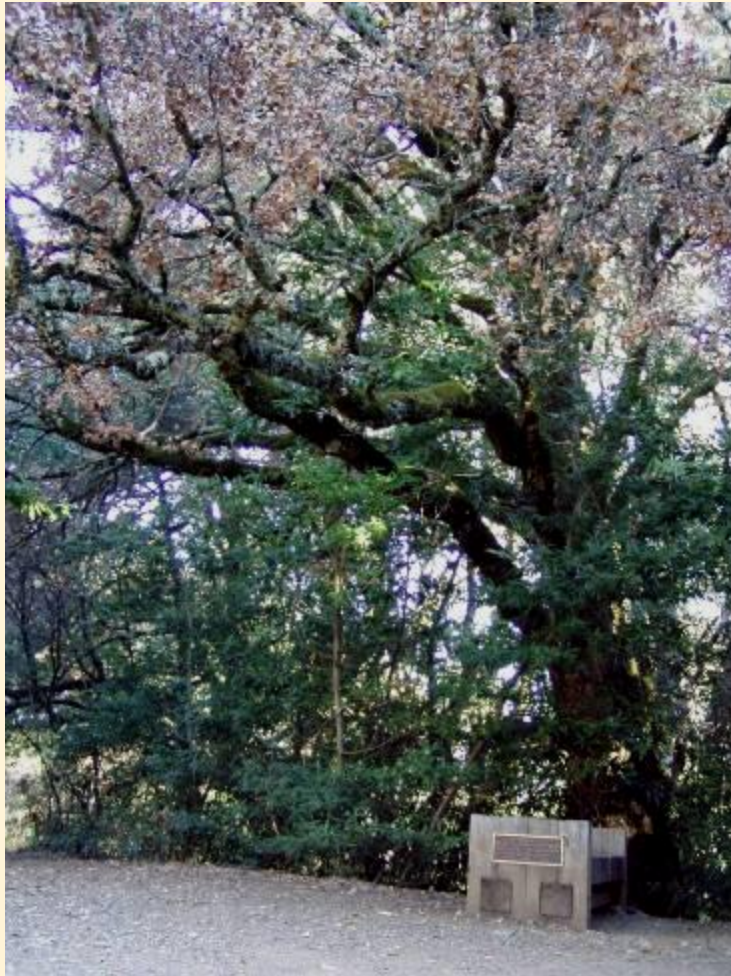




Agri-Fos Treatment & Bay Removal



Canyon Live Oaks & Sudden Oak Death



Future Concerns



Lockheed Fire 2009, Erica Simmons



Researchers & collaborators include: UC-Berkeley, UC-Davis, US Forest Service, Phytosphere Research, Santa Clara County Parks, COMTF, San Francisco Public Utilities Commission, California Conservation Corps