

**USDA Forest Service, Pacific Southwest Research Station,  
Sudden Oak Death/*Phytophthora ramorum* Research  
Fiscal Year 2012 - Funds to Cooperators**

**Projects funded by Forest Service Research – \$75,836  
(presented alphabetically by principal investigator's last name)**

Research in support of sudden oak death containment and management in Western tanoak forests. How does *Phytophthora ramorum* persist on clear-cut and burned sites? - Everett Hansen and Jennifer Parke, Oregon State University - \$14,000

Management of *Phytophthora ramorum* in tanoak and oak stands. Efficacy of Agrifos treatment for oaks and tanoaks - Matteo Garbelotto, UC-Berkeley - \$14,400

Monitoring migration, population structure and evolution of the Sudden Oak Death pathogen *Phytophthora ramorum* in North America - N. J. Grunwald, USDA Agricultural Research Service, Corvallis and E. M. Hansen, Oregon State University - \$20,000

Global forest *Phytophthora* website - Jennifer Parke, Oregon State University - \$ 5,936

Management of *Phytophthora ramorum* in tanoak and oak stands – Ted Swiecki, Phytosphere Research - \$21,500

**Projects funded by partners - \$236,840**

Adaptive Management to control Sudden Oak Death in the Crystal Spring Reservoir Watersheds - Matteo Garbelotto, UC-Berkeley - \$52,410 (Funds from the San Francisco Public Utilities Commission)

Invasive Species Outreach and Education to Protect U.S. Forests, Landscapes and Ornamental Nurseries – Matteo Garbelotto, UC Berkeley - \$53,216 (Funds from the USDA Animal and Plant Health Inspection Service, Farm Bill)

Tanoak resistance to *Phytophthora ramorum*: Continuing common garden studies to understand the genetic component of sudden oak death tolerance in this species – Matteo Garbelotto, UC Berkeley - \$18,073 (Funds from the USDA Animal and Plant Health Inspection Service, Center for Plant Health Science and Technology)

Forest Health Research, Outreach and Education Partnership - David Lewis, UC Cooperative Extension, Marin County - \$33,401 (Funds from the USDA Animal and Plant Health Inspection Service, Farm Bill; US Forest Service, Forest Health Protection, Forest Health Monitoring Program; and the USDA Animal and Plant Health Inspection Service, Center for Plant Health Science and Technology)

California Historic Forest Insect and Disease Database and Pest Trend Impact Plots: Analysis and Extension - David Rizzo, UC-Davis - \$33,780 (Funds from the US Forest Service, Forest Health Protection, Forest Health Monitoring Program)

An Experimental Management Project to Protect Against the Sudden Oak Death Pathogen on the San Francisco Public Utilities Commission Peninsula Watershed – Ted Swiecki and Elizabeth Bernhardt, Phytosphere Research - \$45,960 (Funds from the San Francisco Public Utilities Commission)