

Karen Youngblood

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707.937.3499

EDUCATION: M.S., Natural Resources, 2003, Humboldt State University, Arcata
GIS Certificate, 1999, Humboldt State University, Arcata
B.A., Environmental Studies, 1991, University of California, Santa Cruz

ADDITIONAL TRAINING:

- CEQA/NEPA training for botanists
- Wetland Delineation Certification
- Forest Inventory Analysis (FIA) – Certification
- Forest Insect and Disease Identification
- Survey Protocol: Survey and Manage Mollusks and Fungi

SYNOPSIS: My natural resource work experience for the last fifteen years has been varied. I have primarily conducted field surveys in California and Oregon on fisheries, forestry and botanical projects. I also worked for several years as a GIS analyst.

WORK EXPERIENCE:

Botanist/Field Biologist/Wetland Delineator

North State Resources Inc.

5/01 – 8/06
Redding, CA

Practiced as a professional botanist and field biologist (forest inventory analysis, terrestrial mollusk surveys, fungi surveys) in northern California. Botanical projects included floristic surveys of Shasta Lake, restoration sites on the Trinity River, Plumas National Forest, and small and large local development projects. Forest Inventory Analysis included monitoring forest plots on Six Rivers, Shasta Trinity, Modoc, Klamath, Plumas, Inyo and Sequoia National Forests. Conducted wetland delineations in the Redding area and monitored mining reclamation test plots for restoration. Wrote botanical reports, biological characterizations, wetland delineation reports and permit applications.

GIS Analyst

Pacific Watershed Associates

6/99-1/01
Mckinleyville, CA

Developed GIS coverages for: forest roads, harvest histories, stream crossings, and landslides. Created GIS coverages of past and potential sediment delivery to streams to be used in Van Duzen Watershed Analysis. Used stereoscope to interpret aerial photographs, incorporated field data into GIS. Software used: ArcView, ArcInfo.

Accuracy Assessment with GIS

Humboldt State University in cooperation with US Fish & Wildlife

10/97 – 12/99
Arcata, CA

Used aerial photos and GIS to test accuracy of classified satellite images of Klamath Ecoregion. Software used: ArcInfo, ArcView, ERDAS Imagine.

Hydrology Technician**6/98 - 9/98***Fremont National Forest, Paisley Ranger District, Chewaucan Watershed**Paisley, OR*

Collected stream data of: bankfull width, flood plain width, sinuosity, length, depth, pool quantity, pool type, riparian vegetation, floodplain vegetation, adjacent slope vegetation, cutbank height and length, stream temperature, stream shade, stream flow, and substrate composition--for all tributaries of the Chewaucan Watershed.

Native Plant Nursery Apprentice**1/96 – 6/97***Yerba Buena Native Plant Nursery**Redwood City, CA**Bosky Dell Natives**Portland, OR***Americorp Volunteer/ Watershed Stewards Project****12/94 – 11/95***Six Rivers National Forest, Gasquet District, Smith River Watershed**Gasquet, CA*

Conducted snorkel surveys of adult and juvenile salmonids on Smith River.

Environmental Aide**6/94 – 11/94***City of Arcata**Arcata, CA*

Worked on education program to encourage waste reduction in the city. Worked on small urban stream restoration projects.

California State Park Aide**11/91 – 10/93***Ano Nuevo State Reserve**Pescadero, CA**Prairie Creek Redwoods**Orick, CA*