

**County of Tehama
Board of Supervisors
Resolution No. 95-157**

WHEREAS, the California State Board of Forestry has taken action to support oak woodland protection, through local efforts; and,

WHEREAS, those lands described as oak woodlands within Shasta County provide multiple benefits, including commercial livestock production, wildlife habitat, fuelwood harvesting and land development; and

WHEREAS, the County of Shasta recognizes the importance of private property rights and endorses the concept that landowners be provided the maximum right of self determination; and,

WHEREAS, the economic viability of agricultural enterprises operating within these oak woodlands must be protected; and,

WHEREAS, the County of Shasta recognizes responsible stewardship by landowners is necessary to sustain oak woodland resources; and

WHEREAS, the Board of Supervisors has considered a staff report and background information and held a public hearing regarding oak woodlands in rural areas.

NOW, THEREFORE, BE IT RESOLVED, that the Board of Supervisors of the County of Shasta finds that the adoption of voluntary guidelines is an important step in informing landowners, developers and the general public about the significance of oak woodlands and encouraging their voluntary and willful participation in recognition and protection of oak woodlands.

BE IT FURTHER RESOLVED, that the Board of Supervisors hereby adopts Oak Woodland Management Guidelines as set forth in Exhibit "A".

BE IT FURTHER RESOLVED, that the Board of Supervisors encourages staff and affected participating agencies and departments to disseminate the guidelines to developers, property owners, governmental agencies and private organizations through the development permit process, mailings, educational sessions and the media, as appropriate.

DULY PASSED AND ADOPTED this 1st day of August, 1995, by unanimous vote.

The recommendations contained within this brochure are being given to private landowners to assist them in determining how best to manage their oak woodlands in rural areas of Shasta County. These guidelines are voluntary and general in nature. Landowners are encouraged to utilize applicable management practices as they best fit their individual property. Further assistance and information may be obtained by contracting the government offices listed on page 3.



In providing these guidelines, Shasta County recognizes the importance of private property rights and landowner rights to self determination over how best to manage their oak woodland resources in an economically viable, yet sustainable, manner.

Federal, State and Shasta County programs are offered on a nondiscriminatory basis, without regard to race, color, national origin, religion, sex, age, marital status, or handicap.

SHASTA COUNTY OAK WOODLAND MANAGEMENT GUIDELINES

Oak woodlands provide value as wildlife habitat by providing food, cover, and soil nutrient conservation. They also provide firewood and lumber, shade for livestock, and aesthetic and scenic values which are part of California's unique Mediterranean landscape. Oaks also add to property values in rural residential settings. Research shows that moderately dense stands of oaks on rural lots can add at least 20 percent to the land value when compared to land that has no trees.

MANAGING OAKS FOR FUEL OR RANGE

The following guidelines are suggested when planning your harvest for firewood or range management:

- ◆ Maintain an average leaf canopy of 30 percent, or more. Averages should include riparian areas and natural draws which should be maintained in higher density stands.
- ◆ Retain some trees of all sizes and species represented at the site.
- ◆ When safety permits, leave old hollow trees and those actively being used for nesting, roosting or feeding. Also, plan efforts to protect seedlings and riparian vegetation along waterways. Special livestock management and fencing should be considered which encourage growth of mixed age woodland and for highly eroded areas.
- ◆ Where low fire risk and aesthetics allow, pile some limbs and brush to provide wildlife cover.
- ◆ Where commercial or extensive harvest is being contemplated, seek professional advice from such resources as the U.C. Cooperative Extension (Shasta County Farm Advisor), Natural Resource Conservation Service (formerly Soil Conservation Service), California Department of Forestry and Fire Protection (CDF) and/or private consultants.

WHEN BUILDING WITHIN OAK WOODLANDS

The following are suggested guidelines when planning a building site and access roads in oak woodlands:

- ◆ Cluster houses to preserve wildlife corridors and habitats. The Shasta County General Plan encourages such efforts through planned developments which allow clustering, or density averaging, in areas designated for rural residential uses.
- ◆ Plan to maintain oaks for both habitat and landscape values.
- ◆ Protect existing oaks during construction. Avoid root compaction by limiting heavy equipment in the root zone. Trenching inside the drip line should also be avoided. (The area covered by tree canopy is commonly referred to as the "drip line").
- ◆ Carefully plan roads, cuts and fills, building foundations and septic systems to avoid damage to tree roots.
- ◆ Design roads to minimize erosion and sedimentation to downstream resources. Reseed or otherwise stabilize disturbed ground. Check to see if you need a grading permit from Shasta County.
- ◆ Avoid landscaping which requires irrigation within the drip line. California's oaks are uniquely adapted to the region's long dry season.
- ◆ Consider replacing trees whose removal during construction was unavoidable.
- ◆ If your oak stand contains unusual or large specimens, you may wish to contact one, or more of the resource agencies listed in this pamphlet for special advice. You also may wish contact a certified arborist before pruning specimen trees or stands.
- ◆ Finally, plan your oak woodland building site to provide enough vegetation clearance to meet County fire safety standards around your residence and any accessory buildings.

Oak Woodland Management Publications

University of California Cooperative Extension, Shasta County
1851 Hartnell Avenue, Redding, California 96002, (916)224-4900

A Planner's Guide to Oak Woodlands

Includes planning guidelines and alternatives, with section on oak ecology. 94 pp. \$10. *Living*

Among the Oaks

An Oak management guide for homeowners. 8 pp. Free. *Wildlife Among the Oaks*

Recommendations for managing woodland wildlife. 16 pp. Free. *How to Grow California Oaks*

Includes detailed information relevant to restoration. 4 pp. Free. *Preliminary Guidelines for Managing*

California's Hardwood Rangelands

Management recommendations for landowners and resource managers. 96 pp. \$5. *Harvesting*

Firewood for Sustained Yield on Oak Rangelands

Assessment methods and harvesting recommendations. 32 pp. \$3.50. *Oaks'n'Folks*

Integrated Hardwood Range Management Program newsletter with articles on scientific, social and economic issues. Free. *Quercus*

An Integrated Hardwood Range Management Program newsletter on planning for oak woodlands.

Free.



California Oak Foundation

1212 Broadway, Ste. 810, Oakland, California 94612, (510)763-0282

Oaks of California

Broad overview of the ecology and history of California's oaks. 184 pp. Hardcover: \$28.95; Softcover: \$19.95. *Compatible*

Plants Under and Around Oaks

Landscaping information and plant checklist. 69 pp. \$10.

California Oaks

The newsletter of the California Oak Foundation. Free to members (membership \$25 per year).

California Native Plant Society

909 12th Street, Ste. 116, Sacramento, California 95814, (916)447-2677

Oak Action Kit

Selection of publications and resources on preservation and conservation of Oak habitat. 3-ring binder. \$15.

Supporting Agencies and Non Profit Organizations

California Department of Forestry & Fire Protection
University of California Cooperative Extension
California Department of Fish & Game
Shasta County Agricultural Commissioner
Shasta County Cattlemen's Association

Shasta County Farm Bureau
Shasta County Resource Management - Planning
Division California Integrated Hardwood Management
Program California State Board of Forestry

Assistance for Planning and Managing in Oak Woodlands is Available from the Following Agencies:

California Department Of Forestry and Fire Protection
1000 West Cypress Avenue
Redding, CA 96002
(916)225-2418

California Department of Fish and Game
601 Locust Street
Redding, CA 96001
(916)225-2300

USDA Natural Resource Conservation Service
3179 Bechelli Lane, Suite 107
Redding, CA 96002
(916)246-5252

U.C. Cooperative Extension - Shasta County
1851 Hartnell Avenue
Redding, CA 96002-2217
(916)224-4900

**Shasta County Board of Supervisors
1815 Yuba Street, Suite 1
Redding, CA 96001**

Dear Oak Woodland Landowner:

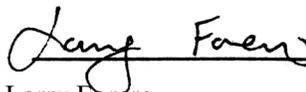
In May of 1993, the State of California Board of Forestry reviewed the impacts of overharvest or development losses to oak woodlands. Of concern to the Board of Forestry were suggestions by various interest groups to regulate these impacts. The Board reviewed the need for statewide regulation of oak woodland resources and decided that such controls were not yet warranted. Rather, the Board opted for a renewed effort to encourage local government and citizens to design strategies that will address local hardwood management and conservation. The following guidelines were the result of the Board of Forestry's suggestion promoting local action.

On behalf of the Shasta County Board of Supervisors, the Resource Lands Committee, U.C. Cooperative Extension and the Shasta County Departments of Resource Management, Planning, and Agriculture, the following information regarding management of oak woodlands is provided. You are strongly encouraged to voluntarily develop a management plan to help protect and wisely use our remaining oak woodlands. In addition to the enclosed guidelines and sources of assistance, we encourage you to attend one of the local workshops to be offered in the near future.

Should you have any questions or concerns regarding this program, please feel free to contact your Supervisor. Thank you for your consideration towards the preservation and protection of our oak woodlands.



Irwin Fust, Chairman
Shasta County Board of Supervisors



Larry Forero
Livestock/Natural Resource Farm Advisor

*Cooperative Extension
US Dept. of Agriculture
University of California
Oakland CA 94612-3560*

*Bulk Rate
Postage and Fees Paid
USDA
Permit No. G-00268*

*Official Business
Penalty for Private Use, \$300*



Use Oak Woodlands Wisely!