

**Final Report  
Joint Fire Science Program  
Project 01-3-3-30**

**Including Fire Effects Information in a  
Manual of California Vegetation**

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**Summary of Project Accomplishments**

In 1995, Drs. John Sawyer and Todd Keeler-Wolf published A [Manual of California Vegetation](#) (MCV). The book was the result of a multi-agency effort to develop a comprehensive and widely accepted classification system for California vegetation. The Manual is a key reference used by ecologists, botanists, and biologists working for many different federal and state government agencies, private businesses, and conservation organizations throughout California.

Drs. Sawyer and Keeler-Wolf revised the MCV to make it compatible with the U.S. National Vegetation Classification and to include information on the effects that various disturbances, particularly fire, have on California vegetation. The revision includes an appendix table that summarizes the key biological characteristics associated with fire and other ecosystem processes for the dominant and characteristic species for each vegetation alliance described in the revised Manual. In addition to the appendix table each revised alliance description will include a description of the fire regime either derived from the literature or extrapolated from the disturbance characteristics summarized in the appendix table. For example, for a fire regime the description would include attributes such as frequency, seasonality, size/extent, complexity, intensity, severity, and fire type.

<http://endeavor.des.ucdavis.edu/cnps/>

To gather the data and information necessary to complete the appendix table of disturbance characteristics and develop the disturbance regime attributes the Information Center for the Environment at University of California Davis conducted a series of five workshops throughout California during 2000 and 2002. The goal of the workshops was to bring together the expertise of a variety of vegetation ecologists, fire ecologists, botanists, fire scientists, biologists, and others who are knowledgeable about how California vegetation responds to disturbance, particularly fire.

The first three of the five workshops were funded by JFSP project 98-1-5-02 and completed prior to this project. Information on all five workshops and the deliverables is included here and in the final report for JFSP project 98-1-5-02.

The following is a list of the workshops that were held with information on the participants. The agenda, participant list, list of alliances covered, and workshop notes are available on the links noted. The home page for this project is:

[http://www.ice.ucdavis.edu/cafe/tab\\_mcv.html](http://www.ice.ucdavis.edu/cafe/tab_mcv.html)

## **Workshop 1 Black Rock Nature Center and Joshua Tree National Park, CA**

**January 27 - 28, 2000**

**JFSP project 98-1-5-02**

**Areas Covered:**

- **California Deserts**
- **Transmontane Sierra Nevada and Valleys (the White, Inyo, and Sweetwater Ranges)**

25 participants representing 16 organizations

[http://www.ice.ucdavis.edu/cafe/workshop\\_info/ws1\\_participants.pdf](http://www.ice.ucdavis.edu/cafe/workshop_info/ws1_participants.pdf)

96 Alliances covered

[http://www.ice.ucdavis.edu/cafe/tab\\_mcv\\_wsinfo.html](http://www.ice.ucdavis.edu/cafe/tab_mcv_wsinfo.html)

Synthesized Workshop notes (11 pages)

[http://www.ice.ucdavis.edu/cafe/workshop\\_info/ws1\\_notes.pdf](http://www.ice.ucdavis.edu/cafe/workshop_info/ws1_notes.pdf)

## **Workshop 2 Shasta Lake Ranger Station, Mountain Gate, CA**

**March 29-31, 2000**

**JFSP project 98-1-5-02**

**Areas Covered:**

- Northwestern California: Klamath and North Coast Ranges and
- Transmontane Cascade Range (including the Modoc Plateau and Warner Mountains).

34 Participants representing 14 organizations

[http://www.ice.ucdavis.edu/cafe/workshop\\_info/ws2\\_participants.pdf](http://www.ice.ucdavis.edu/cafe/workshop_info/ws2_participants.pdf)

166 Alliances covered

[http://www.ice.ucdavis.edu/cafe/workshop\\_info/ws2\\_alliances.pdf](http://www.ice.ucdavis.edu/cafe/workshop_info/ws2_alliances.pdf)

Synthesized Workshop Notes (20 pages)

[http://www.ice.ucdavis.edu/cafe/workshop\\_info/ws2\\_notes.pdf](http://www.ice.ucdavis.edu/cafe/workshop_info/ws2_notes.pdf)

## **Workshop 3 Calaveras Big Trees State Park, Arnold, CA**

**July 25-26, 2000**

**JFSP project 98-1-5-02**

**Areas Covered:**

- Sierra Nevada
- Cascade Ranges

14 Participants representing 11 organizations

[http://www.ice.ucdavis.edu/cafe/workshop\\_info/ws3\\_participants.pdf](http://www.ice.ucdavis.edu/cafe/workshop_info/ws3_participants.pdf)

Alliances covered

[http://www.ice.ucdavis.edu/cafe/workshop\\_info/ws3\\_alliances.pdf](http://www.ice.ucdavis.edu/cafe/workshop_info/ws3_alliances.pdf)

Synthesized Workshop notes (10 pages)

[http://www.ice.ucdavis.edu/cafe/workshop\\_info/ws3\\_notes.pdf](http://www.ice.ucdavis.edu/cafe/workshop_info/ws3_notes.pdf)

## **Workshop 4 Lake Perris State Recreation Area - Ya' Heki' Regional Indian Museum**

**February 4-5, 2002**

**JFSP Project 01-3-3-30**

**Areas Covered:**

- Southwestern California (including the Transverse and Peninsula Ranges)

27 Participants representing 14 organizations

[http://www.ice.ucdavis.edu/cafe/workshop\\_info/ws4\\_participants.pdf](http://www.ice.ucdavis.edu/cafe/workshop_info/ws4_participants.pdf)

142 Alliances covered

[http://www.ice.ucdavis.edu/cafe/workshop\\_info/ws4\\_alliances.pdf](http://www.ice.ucdavis.edu/cafe/workshop_info/ws4_alliances.pdf)

Synthesized Workshop notes (10 pages)

[http://www.ice.ucdavis.edu/cafe/workshop\\_info/ws4\\_notes.pdf](http://www.ice.ucdavis.edu/cafe/workshop_info/ws4_notes.pdf)

## **Workshop 5 University of California, Davis**

**May 14-15, 2002**

**JFSP Project 01-3-3-30**

**Areas Covered: Central Ranges and Great Central Valley**

- Central California Coast Ranges
- Great Central Valley

24 Participants representing 13 organizations

[http://www.ice.ucdavis.edu/cafe/workshop\\_info/ws5\\_participants.pdf](http://www.ice.ucdavis.edu/cafe/workshop_info/ws5_participants.pdf)

114 Alliances covered

[http://www.ice.ucdavis.edu/cafe/workshop\\_info/ws5\\_alliances.pdf](http://www.ice.ucdavis.edu/cafe/workshop_info/ws5_alliances.pdf)

Synthesized Workshop notes (14 pages)

[http://www.ice.ucdavis.edu/cafe/workshop\\_info/ws5\\_notes.pdf](http://www.ice.ucdavis.edu/cafe/workshop_info/ws5_notes.pdf)

Information that was gathered in the five workshops has been incorporated into the alliance descriptions, tables and appendices of the

revised Manual of California Vegetation. The California Native Plant society published the original manual and has agreed to publish the revised manual. Final publication is scheduled for early in 2006. Copies of the final printed book will be provided to the JFSP when available. Electronic version will also be on line at the Information Center for the Environment when the final text is complete.

Proposed	Delivered
<p>Hold the final two workshops to collect, review and synthesize fire regime information for the vegetation types of the central coast range, the central valley, and southwestern California.</p>	<ul style="list-style-type: none"> <li>• The final two workshops were held and detailed information is available on <a href="http://www.ice.ucdavis.edu/cafe/tab_mcv_winfo.html">http://www.ice.ucdavis.edu/cafe/tab_mcv_winfo.html</a></li> </ul>
<p>Revised manual of California Vegetation including information on fire ecology for each alliance.</p>	<ul style="list-style-type: none"> <li>• Revised manual of California Vegetation including information on fire ecology for each alliance has been written and peer reviewed.</li> <li>• The California Native Plant Society has agreed to publish the book.</li> <li>• Final publication is scheduled for early 2006.</li> <li>• Copies will be provided to JFSP when printed.</li> </ul>