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PROCEEDINGS OF THE CALIFORNIA WILDERNESS COALITION

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No. 1

Wilson Plan Decimates California Wilderness

In February Senator Pete Wilson unveiled his version of a California Wilderness bill. Although Wilson came out for designating the Tuolumne a wild river, environmentalists were appalled by the rest of his plans.

"It's totally unacceptable," said California Wilderness Coalition Executive Director Jim Eaton. "Senator Wilson took a carefully crafted compromise and sliced it into pieces."

"Senator Wilson is representing

the House-passed measure as the environmentalist's 'dream' bill. It took five years for the House to work out a balance that considers the need for more wilderness along with the demands of the timber, mining, and other development interests. Senator Wilson's proposal is a sell-out to the timber industry," Eaton added.

Wilson's answer to the House of Representatives compromise bill of 2.33 million acres is a 1.68 million-acre plan. Of the 58 new wilderness areas or additions to existing wilderness in the House version, Wilson totally eliminates 21 areas and reduces in size 15 areas.

Among areas gone are proposed wilderness areas at Bucks Lake, Boundary Peak (White Mtns.), Caples Creek, Fish Canyon, Pattison Mountain, and the Santa Rosa Mountains. Also proposed additions to the existing Hoover, John Muir, Lassen Volcanic, Minarets, and Thousand Lakes wilderness areas have been dropped.

Wilson also would slice 30,000



Additions to the Hoover Wilderness have been dropped in Senator Pete Wilson's proposed wilderness bill

Photo by Tim Sherburn

acres from Carson-Iceberg, including the popular Noble Canyon area, remove 40,000 acres from the Trinity Alps, reduce Red Buttes by nearly 50 percent, and decimate 34,000-

acre Granite Chief by excising an additional 19,000 acres.

Wilson's support for a wild Tuolumne is limited to the main river

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Do
Something
WILD!



**FOR
ENDANGERED
SPECIES**

**SHARE YOUR
TAX RETURN**

**Form 540 - Line 90
Form 540A - Line 36**

Small Hydro Projects Dry Up

By Steve Evans

Conservationists are celebrating a small, but significant, victory in their battle against the development of so-called small hydro projects in proposed wilderness areas and on critical trout streams.

Tehama County has announced the abandonment of its application for water rights for proposed small hydro projects on Mill and Antelope creeks in the Ishi roadless area. Vigorous opposition by conservationists, coupled with the poor cost-benefit ratio inherent in constructing miles of roads, flumes, and powerlines in rough, roadless terrain, apparently killed the projects.

More than fifteen organizations and individuals protested the County's water rights applications

on Mill and Antelope creeks before the State Water Resources Control Board. Impacts on the proposed Ishi wilderness, anadromous fisheries, and recreation were the primary concerns.

Tehama County also announced abandonment of its water rights application on Thomas Creek, in a roadless area in Mendocino National Forest. The county is pursuing water rights for its project on Battle Creek in Lassen National Forest.

Economic reality, as well as the vigilance of conservationists and regulatory agencies, has dashed the development dreams of more than one small hydro speculator. Some preliminary study permits granted by the Federal Energy Regulatory Commission (FERC) have apparently been abandoned.

Some permittees are not actively carrying out studies mandated by their FERC permits. For example, the City of Rohnert Park was granted a FERC permit to study the feasibility of constructing a small hydro project at Feather Falls in Plumas National Forest. The Forest Service, which manages the area for its scenic values and currently is studying the surrounding roadless land for potential wilderness designation, has never been contacted by the city, a requirement of their FERC permit.

Considering the array of environmental groups and agencies opposing its permit, it is unlikely that Rohnert Park will ever pursue the Feather Falls project. But since developers lose nothing in

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Coalition Report

By Jim Eaton

Senator Pete Wilson has shown us his vision of California's wilderness future. We don't like it.

Conservationists often are made to look like uncompromising fanatics who don't realize that they live in a real world. After all, isn't Wilson just balancing the need of the nation to preserve its wilderness and allowing for necessary development and other recreationists as well?

Such is the nature of compromise. Does anyone remember the first compromise, the second Roadless Area Review and Evaluation (RARE II)? There should have been more than seven million acres of roadless areas identified in California, but the Forest Service whittled it down to 6.2 million acres. They then recommended only 1.2 million acres for preservation -- and more than 300,000 of that previously had been proposed in the Trinity Alps and High Sierra primitive areas.

The late Rep. Phil Burton then introduced legislation to designate about five million acres as wilderness. His proposal led to the current House bill of around 2.3 million acres.

Wilson now implies that the 2.3 million acre package is what the environmentalists want. Hold on! We were willing to accept the House bill as a compromise, but we paid

dearly for that plan.

Both the House and Wilson bills would dissolve the State of California v. Block lawsuit which currently provides protection to roadless areas throughout the West. The bills also open the North Fork Smith River roadless area to mining. In addition, Wilson would remove a number of other roadless areas from study status and make them available for development.

Wilson is asking too high a price. He will give us some wilderness, much of what already is relatively safe, while taking away long-standing wilderness proposals, a number of further planning areas, and the State's lawsuit. That's too high a price to pay.

If a bill does not pass this year, the process may begin anew in 1983. In the meantime, get ready for RARE III.

We heap praise on John Muir for his foresight in fighting for Yosemite in the last century, on Teddy Roosevelt for bravely establishing vast forest preserves, and on Clem Miller for rescuing the Pt. Reyes Peninsula from developers. Shouldn't we be as bold in defending our dwindling wilderness resource? Or will future generations wonder at our shortsightedness in not fighting for what we believe is right?

Welcome Tulare County Audubon Society, our latest group member!

Spotlight

Mt. Shasta Resources Council

The Mt. Shasta Resources Council is one of the original group members of the California Wilderness Coalition. Based in the city of Mt. Shasta (at the foot of the mountain of the same name), the Council consists of individuals members and eleven organizations such as the Sierra Club and Audubon Society.

The primary purpose of the Council is to ensure the preservation of Mt. Shasta and its roadless environs, either as a unit of the national wilderness system or as a national park.

At the forefront of numerous and controversial battles to preserve Mt. Shasta, the Council has played a key role in preventing timber sales and road construction on the mountain, as well as halting the expansion of the existing downhill ski area into the proposed wilder-

ness. Their work has included extensive Congressional lobbying, monitoring and working with the U.S. Forest Service in the management of the mountain, and statewide organizing to educate the public concerning the need to preserve Mt. Shasta's wilderness resources. The Council has been well served by many volunteers who have lent their expertise in forestry and downhill ski area management.

Current efforts of the Council include working for the passage of a California Wilderness Act which preserves as much of Mt. Shasta as possible. Another major item that the Council is working on is the prevention of a timber sale on private land owned by the Southern Pacific Land Company at Red Fir Ridge. The Council is encouraging the Forest Service to acquire such

Update Boom-Boom Goes Bye-Bye

Gov. Deukmejian withdrew the nomination of Fish and Game Director H. Don "Boom-Boom" Carper after concluding that Senate confirmation was doubtful.

The California Wilderness Coalition had opposed Carper's nomination because of his anti-wilderness statements and apparent bias against non-game wildlife. Later other charges resulted in the opposition of Senate President Pro Tem David Roberti.

Carper had denied and later admitted that he made negative comments about Vietnamese fishermen, had intervened in a Madera County court case on behalf of three poachers, and had issued a directive to game wardens to enforce only fish and game laws but no other statutes. He also was under investigation for illegally importing a Nile crocodile hide into the United States in violation of the federal Endangered Species Act.

Lassen Geothermal Decision

It took the Chief of the U.S. Forest Service only 22 months to make a decision on four appeals of plans to issue geothermal leases on Lassen National Forest. Conservationists now are scratching their heads to figure out just what the decision is.

One of the appeals was filed by the Sierra Club, California Wilderness Coalition, and National Parks and Conservation Association. A number of issues were raised, including the leasing of proposed wilderness or further planning roadless areas.

The Chief's response is, "regardless of the correctness of the

decisions when made, recent legislative, judicial, and administrative actions require reconsideration of leasing such lands." Just how this "reconsideration" will be conducted is not specified.

Concern about the impact leasing would have on Lassen Volcanic National Park was ducked by the Chief. He said the responsibility for protection of non-national forest lands lies with the Bureau of Land Management (BLM).

Conservationists are urging the Forest Service and BLM to get together on a joint Environmental Analysis and make clear just who is responsible for what.



You gotta feelin' they know something we don't?

Cartoon by Pat Rigley

private inholdings to prevent development of the proposed wilderness.

Proposed expansion of the existing ski facility, a long and sometimes bitter battle, has been a dormant issue lately. The Council's vigilance coupled with the proposal of alternatives which protect the wilderness area but allow for the relocation and expansion of the downhill ski area may have perma-

nently lain this issue to rest.

The Council currently is conducting a membership drive to raise funds and expand their support base. For five dollars or more you will become a member and receive a newsletter and periodic alerts. Contact Phil Rhodes at (916) 926-3900 or write:

Mount Shasta Resources Council
P.O. Box 829
Mt. Shasta, CA 96967

RARE III: Third Time is the Charm?

By Pat O'Brien

If at first you don't succeed, try, try again. The U.S. Forest Service is now trying for the third time to complete a nationwide roadless area review and evaluation (RARE) program. The previous two have been thrown out by courts.

This "RARE III" program is proceeding rapidly in California. This time, however, each of the 20 different national forest units in the state is incorporating the review into its ongoing forest planning process. Citizens interested in specific wild areas will have to follow the progress of each "Forest Plan" that contains their favorite areas.

In 1982 the Ninth Circuit Court of Appeals ruled in California v. Block that the second Roadless Area Review and Evaluation (RARE II) environmental impact statement (EIS) did not adequately meet the

requirements of the National Environmental Policy Act. As a result of this decision, Assistant Agriculture Secretary John Crowell announced that all roadless areas would be evaluated by individual forests as they complete their Forest Plans.

The EIS on RARE II was released in 1979. The State of California subsequently challenged the validity of the EIS on forty-six roadless areas in California designated as "non-wilderness" by the Forest Service.

A district court agreed that the EIS did not contain site-specific data to support the non-wilderness designations, lacked an adequate range of alternatives, and did not give the public an adequate opportunity to comment on the RARE II program. The court stated that all development activities in the 46

areas should cease pending an adequate reconsideration of development impacts.

The Forest Service appealed this decision, arguing that the degree of detail required by the district court was unwarranted. The circuit judges did not agree and upheld the district court ruling.

Crowell then announced that all roadless areas would be evaluated in a new review, but that development activities scheduled in non-wilderness areas would proceed. He also stated that proposed wilderness areas also would be reviewed, despite the court's specific ruling that these recommendations were in compliance with the law.

This reevaluation, known to environmentalists as "RARE III", began in the summer of 1983. Public meetings and workshops were held to gather public comment along with

written responses. Forest Service employees are now evaluating public responses regarding wild areas and new data on management alternatives for the forests.

The next step for the Forest Service is to incorporate this roadless area review into the existing forest planning process. Forest Service planning task forces are now beginning their formulation of alternative management plans for each national forest. Draft plans for the Angeles, Cleveland, and Shasta-Trinity national forests are due late in 1984; most other California forests will issue their plans in 1985. The two draft plans already issued for the Sierra and Klamath forests also are being reissued in 1985.

Pat O'Brien is the California Wilderness Coalition's intern for forest planning issues.

RPA: What's That?

In 1973 Congress enacted the Forest and Rangeland Renewable Resources Planning Act (known as RPA) establishing a process for developing a national renewable resources policy for our national forests. The RPA requires the Forest Service to prepare both an assessment of supplies and demands and a program of management for our renewable resources.

In accordance with the RPA, every ten years the Forest Service prepares assessments of supplies of resources, and projects the demands for the use of these resources. "Resources" are defined to include: timber, range, minerals, fish and wildlife, recreation, and wilderness. In addition, the Forest Service is required to develop a multiple-use management plan every five years. The management plan, or RPA program, is designed to describe broad policy statements about the future use of our renew-

able resources.

In a draft environmental impact statement on the RPA program, several alternative management strategies are mapped out and then compared. The alternative programs represent differing mixes of resource emphases. For example, one might emphasize the production of "market" products such as minerals, timber, or range, while another may emphasize the protection of wilderness and fish and wildlife. The alternatives are compared to determine the environmental, social, and economic effects of each plan on specific resources.

Ultimately the Secretary of Agriculture chooses an alternative which is then reviewed by the public. The final alternative chosen becomes the national policy directive concerning renewable resources. Interested parties are asked to comment on the selection before a final decision is made.



FOREST PLANNING SCHEDULE

| | 1st | 2nd | Doc | DEIS | Comment | FEIS |
|----------------|----------|----------|---------|-------------|------------|------------|
| | Rev. Pt. | Rev. Pt. | Due-RO | Issued | Ends | Issued |
| Angeles | 12/12/83 | 2/20/84 | 4/13/84 | 10/84 | 1/85 | 4/85 |
| Cleveland | 12/12/83 | 2/20/84 | 4/13/84 | 10/84 | 1/85 | 4/85 |
| Shasta-Trinity | 1/9/84 | 3/5/84 | 5/25/84 | 10/84-12/84 | 1/85-3/85 | 4/85-6/85 |
| Stanislaus | 1/9/84 | 3/5/84 | 5/25/84 | 10/84-12/84 | 1/85-3/85 | 4/85-6/85 |
| Eldorado | 1/9/84 | 3/5/84 | 5/25/84 | 10/84-12/84 | 1/85-3/85 | 4/85-6/85 |
| Klamath | 1/30/84 | 3/26/84 | 7/27/84 | 1/85-3/85 | 4/85-6/85 | 7/85-9/85 |
| Tahoe | 1/30/84 | 3/26/84 | 7/27/84 | 1/85-3/85 | 4/85-6/85 | 7/85-9/85 |
| Sierra | 1/30/84 | 3/26/84 | 7/27/84 | 1/85-3/85 | 4/85-6/85 | 7/85-9/85 |
| Los Padres | 4/30/84 | 7/16/84 | 11/2/84 | 4/85-7/85 | 7/85-10/85 | 10/85-1/86 |
| Plumas | 4/30/84 | 7/16/84 | 11/2/84 | 4/85-7/85 | 7/85-10/85 | 10/85-1/86 |
| Sequoia | 4/30/84 | 7/16/84 | 11/2/84 | 4/85-7/85 | 7/85-10/85 | 10/85-1/86 |
| Six Rivers | 4/30/84 | 7/16/84 | 11/2/84 | 4/85-7/85 | 7/85-10/85 | 10/85-1/86 |
| LTBMU | 5/28/84 | 8/13/84 | 1/25/85 | 7/85-10/85 | 10/85-1/86 | 1/86-4/86 |
| San Bernardino | 5/28/84 | 8/13/84 | 1/25/85 | 7/85-10/85 | 10/85-1/86 | 1/86-4/86 |
| Lassen | 5/28/84 | 8/13/84 | 1/25/85 | 7/85-10/85 | 10/85-1/86 | 1/86-4/86 |
| Inyo | 6/18/84 | 9/10/84 | 3/8/85 | 8/85-11/85 | 11/85-2/86 | 2/86-5/86 |
| Mendocino | 6/18/84 | 9/10/84 | 3/8/85 | 8/85-11/85 | 11/85-2/86 | 2/86-5/86 |
| Modoc | 6/18/84 | 9/10/84 | 3/8/85 | 8/85-11/85 | 11/85-2/86 | 2/86-5/86 |

RPA Update Released

Direction for U.S. Forest Service activities for at least the next four decades is the subject of a recently released report. The Forest Service has issued for public comment the National 1985 Resources Planning Act Program (RPA) Draft Environmental Impact Statement (DEIS). [See accompanying article on RPA] Comments are due by April 9, 1984.

The DEIS which is part of the five-year management program provided for in RPA, delineates nine alternatives for management.

Alternative 5 would reduce the current amount of timber offered for sale (it assumes a 25 percent budget cut) while the others all increase logging. Alternative 9 would stress high productivity of market outputs with an emphasis on timber production, doubling the current allowable harvest with disastrous effects on fish and wildlife.

As yet Assistant Secretary John Crowell has not announced his choice from among the nine alternatives. However, he previously outlined a program which closely resembles Alternative 9. It is likely that Crowell's choice will reflect his prodevelopment orientation towards management of our natural resources.

The Forest Service now is soliciting comments from the public concerning the DEIS. Interested parties should review the document and tell the Forest Service their choice of policy direction. The deadline for public comment is April 9, 1984. Copies of the Resources Planning Program Draft Environmental Statement may be obtained from and comments addressed to:

Zane Smith, Regional Forester
Pacific Southwest Region
630 Sansome Street
San Francisco, CA 94111

RARE III: California's Forest Roadless Areas

Chart Prepared by Pat O'Brien

Angeles

| | MAP # | PD | RARE II | RARE III | CHANGE |
|-----------------|---------|------|---------|----------|--------|
| Salt Creek | 5003 | NW | 11700 | 11700 | 0 |
| Fish Canyon | 5004 | NW | 26400 | 32900 | 6500 |
| Tule | 5005 | NW | 10300 | 10300 | 0 |
| Magic Mountain | 5006 | NW | 15500 | 15000 | -500 |
| Red Mountain | 5007 | NW | 8600 | 8600 | 0 |
| Strawberry | 5009 | NW | 7900 | 7900 | 0 |
| Cucamonga Adds | A5174 | W | 5100 | 4400 | -700 |
| Sheep Mount. | L/Z5307 | W/NW | 60100 | 57800 | -2300 |
| West Fork | 5270 | NW | 4000 | 4000 | 0 |
| San Gabriel Add | 5267 | NW | 4200 | 4200 | 0 |
| San Dimas | 5001 | NW | 6100 | 6100 | 0 |
| Arroyo Seco | 5012 | FP | 5000 | 5000 | 0 |
| Sespe-Frazier | 0270 | FP | 15200 | 15200 | 0 |
| Pleasant View | 0008 | FP | 26700 | 26700 | 0 |
| SUBTOTAL | 14 | | 206800 | 219800 | 3000 |

Cleveland

| | | | | | |
|-----------------|--------|----|--------|--------|-------|
| Cutca Valley | RARE I | NW | 8000 | 14800 | 6800 |
| Barker Valley | RARE I | NW | 6500 | 11400 | 4900 |
| Sawtooth Mtns. | New | NA | NA | 1600 | 1600 |
| Eagle Peak | 5019 | NW | 6800 | 6800 | 0 |
| No Name | 5020 | NW | 5200 | 5200 | 0 |
| Pine Creek | 5022 | W | 13500 | 13100 | -400 |
| Coldwater | 5011 | NW | 9000 | 9000 | 0 |
| Trabuco-Hot Sp. | 5013 | NW | 23500 | 22800 | -700 |
| Wildhorse | 5014 | NW | 10800 | 10800 | 0 |
| Ladd | 5010 | NW | 5700 | 5700 | 0 |
| San Mateo | 5015 | NW | 25900 | 24700 | -1200 |
| Caliente | 5017 | FP | 5900 | 5900 | 0 |
| Sill Hill | 5304 | FP | 5200 | 5200 | 0 |
| Hauser Ca | 5021 | FP | 8000 | 7840 | -160 |
| SUBTOTAL | 14 | | 134000 | 144840 | 10840 |

El Dorado

| | | | | | |
|----------------|-------|----|--------|--------|---|
| Salt Springs | A5024 | W | 700 | 700 | 0 |
| Salt Springs | B5024 | NW | 1200 | 1200 | 0 |
| Poison Hole | 5025 | NW | 1700 | 1700 | 0 |
| Fawn Lake | 5028 | NW | 1100 | 1100 | 0 |
| Pyramid | 5023 | FP | 24300 | 24300 | 0 |
| Rubicon | 5026 | FP | 5100 | 5100 | 0 |
| Caples Creek | 5027 | FP | 17900 | 17900 | 0 |
| Dardanelles | 5982 | FP | 8000 | 8000 | 0 |
| Tragedy-Eleph. | 5984 | FP | 28800 | 28800 | 0 |
| Raymond Peak | 5985 | FP | 14500 | 14500 | 0 |
| SUBTOTAL | 10 | | 103300 | 103300 | 0 |

Inyo

| | | | | | |
|--------------|------|----|-------|--------|-------|
| South Sierra | 5029 | NW | 33880 | 107500 | 73620 |
| Wonoga Peak | 5030 | W | 9700 | 11380 | 1680 |
| Independence | 5031 | W | 14700 | 14400 | -300 |
| Tinemaha | 5032 | W | 25600 | 29380 | 3780 |
| Coyote North | 5034 | NW | 11500 | 11500 | 0 |
| North Lake | 5036 | W | 3100 | 2730 | -370 |
| Horton Creek | 5039 | NW | 7800 | 7800 | 0 |

| | MAP # | PD | RARE II | RARE III | CHANGE |
|-----------------|---------|------|---------|----------|--------|
| Nessie | 5204 | W | 1500 | 1310 | -190 |
| Rock Creek West | 5042 | W | 3000 | 3040 | 40 |
| Whiskey Creek | 5043 | W | 1100 | 1210 | 110 |
| Nevahbe | 5044 | W | 500 | 650 | 150 |
| Sherwin | 5046 | NW | 3800 | 3800 | 0 |
| San Joaquin | A/B5047 | W/NW | 33500 | 35600 | 2100 |
| Grant Lake | 5048 | NW | 2500 | 1830 | -670 |
| Mt. Olsen | 5988 | NW | 2800 | 2800 | 0 |
| Mono Craters | 5288 | NW | 6900 | 6900 | 0 |
| Dexter Canyon | 5053 | NW | 18100 | 18100 | 0 |
| Glass Mountain | 5054 | NW | 59200 | 59200 | 0 |
| Watterson | 5055 | NW | 7700 | 7700 | 0 |
| Deep Wells | 5057 | W | 10800 | 7600 | -3200 |
| Excelsior | 5989 | W | 47300 | 46270 | -1030 |
| Soldier Canyon | 5062 | NW | 38400 | 38400 | 0 |
| Boundary Peak | B5058 | W | 66200 | 59200 | -7000 |
| White Mtns. A | A5058 | FP | 155800 | 162800 | 7000 |
| Mazourka | A5064 | FP | 82200 | 82200 | 0 |
| Paiute | B5064 | FP | 138100 | 138100 | 0 |
| Coyote S.E. | 5033 | FP | 53800 | 53800 | 0 |
| Table Mountain | 5035 | FP | 4500 | 4500 | 0 |
| Buttermilk | 5038 | FP | 1000 | 1000 | 0 |
| Wheeler Ridge | 5040 | FP | 16300 | 16300 | 0 |
| Laurel-McGee | 5045 | FP | 5700 | 5700 | 0 |
| Horse Meadow | 5049 | FP | 5700 | 5700 | 0 |
| Tioga Lake | 5050 | FP | 800 | 800 | 0 |
| Hall Natural Ar | 5051 | FP | 5700 | 5700 | 0 |
| Log Cabin Sadlb | 5052 | FP | 14700 | 14700 | 0 |
| Benton Range | 5056 | FP | 11400 | 11400 | 0 |
| Blanco Mtn. | 5059 | FP | 17400 | 17400 | 0 |
| Birch Creek | 5060 | FP | 28500 | 28500 | 0 |
| Black Canyon | 5061 | FP | 30700 | 30700 | 0 |
| Andrews Mtn. | 5063 | FP | 11800 | 11800 | 0 |
| SUBTOTAL | 40 | | 993680 | 1069400 | 75720 |

Klamath

| | | | | | |
|---------------|---------|------|--------|--------|--------|
| Snoozer | A/B5077 | W/NW | 30500 | 30162 | -338 |
| Callahan Flow | 5065 | NW | 2000 | 2000 | 0 |
| Orleans Mtn. | A-C5079 | W/FP | 100700 | 98812 | -1888 |
| Grider | 5067 | NW | 11000 | 11296 | 296 |
| Portuguese | A/B5074 | W/NW | 39100 | 40424 | 1324 |
| Crapo | 5076 | NW | 1500 | 1500 | 0 |
| Shackleford | 5078 | NW | 4500 | 4685 | 185 |
| Mt. Hoffman | 5066 | NW | 500 | 500 | 0 |
| Tom Martin | 5069 | NW | 9400 | 5170 | -4230 |
| Box Camp | 5071 | NW | 900 | 900 | 0 |
| Muse | 5072 | NW | 200 | 200 | 0 |
| Boulder | 5073 | NW | 500 | 500 | 0 |
| Black | 5080 | NW | 8200 | 8100 | -100 |
| Russian | 5081 | NW | 34400 | 33200 | -1200 |
| Johnson | 5068 | NW | 9300 | 9776 | 476 |
| Cub | 5272 | NW | 200 | 200 | 0 |
| Flem | 5273 | NW | 200 | 200 | 0 |
| Jacobs | 5274 | NW | 500 | 500 | 0 |
| Ten Bear | NA | NW | 22400 | 13280 | -9120 |
| Siskiyou A/B | A/B5701 | W/NW | 128400 | 131957 | 3557 |
| Kangaroo | 5703 | NW | 40500 | 42111 | 1611 |
| Kelsey | A/B5070 | W/NW | 4400 | 4506 | 106 |
| Indian Creek | 5702 | NW | 6200 | 0 | -6200 |
| Condrey Mtn. | 5704 | FP | 3100 | 3100 | 0 |
| SUBTOTAL | 24 | | 458600 | 443079 | -15521 |

Lake Tahoe Basin Man Unit

| | MAP # | PD | RARE II | RARE III | CHANGE |
|---------------|---------|-------|---------|----------|--------|
| Granite Chief | B5621 | NW | 1200 | 1243 | 43 |
| Dardanelles | A/B5982 | NW/FP | 14500 | 14500 | 0 |
| Freel | 5271 | FP | 15600 | 15600 | 0 |
| Pyramid | 5023 | FP | 8400 | 8400 | 0 |
| SUBTOTAL | 4 | | 39700 | 39743 | 43 |

Lassen

| | | | | | |
|-----------------|-------|----|--------|--------|-------|
| Black Cinder | 5091 | W | 1400 | 888 | -512 |
| Cinder Butte | 5090 | W | 16000 | 15605 | -395 |
| Cub Creek | 5094 | NW | 9100 | 8874 | -226 |
| Cypress | 5088 | W | 3400 | 3528 | 128 |
| Devil's Garden | 5087 | W | 3500 | 3352 | -148 |
| Ishi | A5098 | W | 51500 | 42229 | -9271 |
| Lava | 5084 | NW | 7500 | 8479 | 979 |
| Mayfield | 5085 | NW | 14700 | 17292 | 2592 |
| Mt. Harkness | 5092 | W | 300 | 268 | -32 |
| Prospect | 5086 | W | 4200 | 3307 | -893 |
| Timbered Crater | 5083 | W | 4400 | 4476 | 76 |
| Trail Lake | A5095 | W | 800 | 775 | -25 |
| Lost Creek | 5089 | FP | 8300 | 8300 | 0 |
| Heart Lake | 5096 | FP | 9900 | 9900 | 0 |
| Wild Cattle Mt. | 5093 | FP | 5100 | 5100 | 0 |
| Trail Lake | B5095 | FP | 1300 | 1300 | 0 |
| Ishi | B5098 | FP | 20100 | 20100 | 0 |
| Mill Creek | 5284 | FP | 9800 | 9800 | 0 |
| Butt Mountain | 5100 | FP | 8600 | 8600 | 0 |
| Polk Springs | 5097 | FP | 9400 | 9400 | 0 |
| Chips Creek | 5099 | FP | 31100 | 31100 | 0 |
| SUBTOTAL | 21 | | 220400 | 212673 | -7727 |

Los Padres

| | | | | | |
|-----------------|-------|----|---------|---------|-------|
| Chalk Peak | 5105 | NW | 7100 | 7100 | 0 |
| Silver Peak | 5106 | NW | 15500 | 14600 | -900 |
| Santa Cruz | 5121 | NW | 21200 | 21100 | -100 |
| Condor Point | 5122 | NW | 17200 | 13800 | -3400 |
| Camuesa | 5123 | NW | 6400 | 7200 | 800 |
| Malduce-Buck A | A5124 | W | 64200 | 73400 | 9200 |
| Malduce-Buck B | B5124 | NW | 10500 | 14000 | 3500 |
| Mono | 5125 | NW | 25600 | 29200 | 3600 |
| Juncal | 5128 | NW | 10200 | 11500 | 1300 |
| White Ledge | 5130 | NW | 18400 | 18700 | 300 |
| Nordhoff | 5132 | NW | 12000 | 11400 | -600 |
| De La Guerra | 5279 | NW | 5700 | 5400 | -300 |
| Church Creek | 5277 | FW | 2500 | 2750 | 250 |
| Manzana | 5119 | FW | 1900 | 1900 | 0 |
| Tequipis | 5263 | NW | 8700 | 8100 | -600 |
| Sespe-Frazier | 5002 | FP | 320700 | 320700 | 0 |
| Black Butte | 5102 | FP | 20500 | 20500 | 0 |
| Bear Mountain | 5103 | FP | 21400 | 21400 | 0 |
| Bear Canyon | 5104 | FP | 12600 | 12600 | 0 |
| Garcia Mountain | 5107 | FP | 25200 | 25200 | 0 |
| Black Mountain | 5108 | FP | 16300 | 16300 | 0 |
| La Panza | 5109 | FP | 5500 | 5500 | 0 |
| Machesna Mtn. | 5110 | FP | 31700 | 31700 | 0 |
| Los Machgs | 5111 | FP | 11700 | 11700 | 0 |
| Big Rocks | 5112 | FP | 11900 | 11900 | 0 |
| Stanley Mtn. | 5113 | FP | 15900 | 15900 | 0 |
| Miranda Pine | 5114 | FP | 12800 | 12800 | 0 |
| Horseshoe Spr. | 5115 | FP | 13300 | 13300 | 0 |
| Tepusquet Pk. | 5116 | FP | 5400 | 5400 | 0 |
| La Brea | 5117 | FP | 61100 | 61100 | 0 |
| Spoor Canyon | 5118 | FP | 12300 | 12300 | 0 |
| Fox Mountain | 5120 | FP | 51300 | 51300 | 0 |
| Diablo | 5127 | FP | 19200 | 19200 | 0 |
| Matilija | 5129 | FP | 32000 | 32000 | 0 |
| Dry Lakes | 5131 | FP | 16600 | 16600 | 0 |
| Sawmill Badlnds | 5134 | FP | 90000 | 90000 | 0 |
| Cuyama | 5135 | FP | 19000 | 19000 | 0 |
| Quatal | 5268 | FP | 6900 | 6900 | 0 |
| Little Pine | 5278 | FP | 1000 | 1000 | 0 |
| SUBTOTAL | 39 | | 1061400 | 1074450 | 13050 |

Mendocino

| | | | | | |
|--------------|------|----|-------|-------|-----|
| Thomes Creek | 5139 | NW | 17100 | 17280 | 180 |
| Thatcher | 5141 | NW | 12900 | 12804 | -96 |

Legend

| | |
|-----------|---|
| Name: | name assigned by Forest Service - conservationists may have a different name for area |
| Map #: | number assigned by Forest Service during the RARE II process |
| P.D.: | "Past Designation" given to the area by the Forest Service; Wilderness, Non-Wilderness, or Further Planning |
| RARE II: | number of acres when evaluated during RARE II process -- RARE I acreage may be used if not evaluated during RARE II |
| RARE III: | number of acres identified during the "RARE III" stage of Forest Planning |
| Change: | Difference between the RARE II and RARE III acreages |

| | MAP # | PD | RARE II | RARE III | CHANGE |
|-----------------------|-------|----|---------|----------|--------|
| Grindstone | 5142 | NW | 26200 | 26089 | -111 |
| Deer Mountain | 5138 | NW | 11900 | 12003 | 103 |
| Skeleton | 5280 | NW | 9700 | 9436 | -264 |
| Briscoe | 5281 | NW | 6700 | 7283 | 583 |
| Reister Canyon | 5143 | NW | 6100 | 6331 | 231 |
| Snow Mountain A/B5144 | W/NW | | 52500 | 52054 | -446 |
| Wilderness Cont | 5137 | FP | 10700 | 10700 | 0 |
| Elk Creek | 5140 | FP | 18900 | 18900 | 0 |
| Black Butte | 5269 | FP | 17800 | 17800 | 0 |
| Big Butte-Shinb. | 5145 | FP | 22900 | 22900 | 0 |
| SUBTOTAL | 12 | | 213400 | 213580 | 180 |

Modoc

| | | | | | |
|-----------------|------|----|--------|--------|-----|
| Callahan Flow | 5065 | NW | 6000 | 6000 | 0 |
| Mr. Hoffman | 5066 | NW | 10300 | 10350 | 50 |
| Knox | 5146 | NW | 5900 | 5900 | 0 |
| Sears Flat | 5147 | NW | 12500 | 12500 | 0 |
| Lavas | 5148 | NW | 25400 | 25400 | 0 |
| Damon Butte | 5149 | NW | 24700 | 24700 | 0 |
| Dobie Flat | 5150 | NW | 12900 | 12900 | 0 |
| Burnt Lava Flow | 5151 | NW | 8500 | 8500 | 0 |
| Hat Mountain | 5152 | NW | 9900 | 9900 | 0 |
| Mount Vida | 5153 | NW | 9100 | 9100 | 0 |
| Soldier | 5155 | NW | 9400 | 9400 | 0 |
| Powley | 5156 | NW | 6200 | 6200 | 0 |
| Granger | 5157 | W | 400 | 400 | 0 |
| Pepperdine | 5158 | W | 370 | 500 | 130 |
| Parker | 5159 | W | 200 | 200 | 0 |
| Mill | 5160 | W | 670 | 1000 | 330 |
| Jess | 5161 | W | 300 | 300 | 0 |
| Bear Camp Flat | 5154 | NW | 2300 | 2300 | 0 |
| Parsnip | 5162 | NW | 8200 | 8200 | 0 |
| Dry | 5163 | NW | 7100 | 7100 | 0 |
| Steele Swamp | 5165 | NW | 20000 | 20000 | 0 |
| Big Canyon | 5166 | NW | 6400 | 6400 | 0 |
| Crane Mountain | 5705 | NW | 2400 | 2400 | 0 |
| Mt. Bidwell | 5706 | NW | 11760 | 11760 | 0 |
| SUBTOTAL | 24 | | 200900 | 201410 | 510 |

Plumas

| | | | | | |
|--------------|--------|----|-------|-------|-------|
| Grizzly Peak | 5170 | NW | 6700 | 6700 | 0 |
| Adams Peak | 5171 | NW | 5500 | 5500 | 0 |
| Lakes Basin | RARE I | NW | 9349 | 6050 | -3299 |
| Dixon Creek | MUP | NW | 5000 | 5000 | 0 |
| SUBTOTAL | 4 | | 26549 | 23250 | -3299 |

San Bernardino

| | | | | | |
|-----------------|-------|----|--------|--------|---|
| Sheep Mountain | 5307 | NW | 7700 | 7700 | 0 |
| Circle Mountain | 5176 | NW | 6600 | 6600 | 0 |
| Cajon | 5177 | NW | 7500 | 7500 | 0 |
| San Sevaine | 5175 | NW | 8000 | 8000 | 0 |
| City Creek | 5183 | NW | 10900 | 10900 | 0 |
| Deep Creek | 5178 | NW | 23400 | 23400 | 0 |
| Granite Peak | 5180 | NW | 11700 | 11700 | 0 |
| Heartbreak Rdg. | 5303 | NW | 6200 | 6200 | 0 |
| Fish Creek | 5185 | W | 700 | 700 | 0 |
| Forsee Creek | 5184 | W | 700 | 700 | 0 |
| Crystal Creek | 5182 | NW | 7500 | 7500 | 0 |
| Mill Peak | 5181 | NW | 9500 | 9500 | 0 |
| Raywood A | A5187 | W | 22320 | 22320 | 0 |
| Cabazon Peak | 5193 | W | 5300 | 5300 | 0 |
| Black Mountain | 5192 | W | 300 | 300 | 0 |
| South Ridge | 5191 | W | 1100 | 1100 | 0 |
| Spitler Peak | 5190 | W | 7100 | 7100 | 0 |
| Pyramid A | A5189 | W | 19500 | 19500 | 0 |
| Pyramid B | B5189 | NW | 8800 | 8800 | 0 |
| Horse Creek | 5196 | NW | 10100 | 10100 | 0 |
| Hixon Flat | 5302 | NW | 7300 | 7300 | 0 |
| Cahuilla | 5194 | NW | 7100 | 7100 | 0 |
| Rouse | 5195 | NW | 13700 | 13700 | 0 |
| Cactus B | B5188 | NW | 5200 | 5200 | 0 |
| Cactus A | A5188 | FP | 19200 | 19200 | 0 |
| Cucamonga B | B5174 | FP | 14900 | 14900 | 0 |
| Cucamonga C | C5174 | FP | 4000 | 4000 | 0 |
| Sugarloaf | 5186 | FP | 8800 | 8800 | 0 |
| Raywood B | B5187 | FP | 18615 | 18615 | 0 |
| SUBTOTAL | 29 | | 273735 | 273735 | 0 |

Sequoia

| | | | | | |
|----------------|-------|----|-------|-------|------|
| Staff | B5213 | NW | 42351 | 44300 | 1949 |
| Black Mountain | 5204 | NW | 15800 | 15800 | 0 |

| | MAP # | PD | RARE II | RARE III | CHANGE |
|----------------|--------|----|---------|----------|--------|
| Slate Mountain | 5205 | NW | 13100 | 13100 | 0 |
| Cannell | 5209 | NW | 47300 | 47300 | 0 |
| South Sierra | 5029 | NW | 86510 | 34499 | -52011 |
| Jennie Lake | 5200 | NW | 13700 | 13700 | 0 |
| Rincon | 5208 | NW | 59700 | 59700 | 0 |
| Domeland Add. | 5305 | NW | 1100 | 1100 | 0 |
| Chico | 5210 | NW | 43700 | 43700 | 0 |
| Mill | 5214 | NW | 29900 | 29900 | 0 |
| Lyon Ridge | 5211 | NW | 5200 | 5200 | 0 |
| Greenhorn Crk. | 5215 | NW | 29600 | 29600 | 0 |
| Oat Mountain | 5197 | FP | 12400 | 12400 | 0 |
| Kings River | B5198 | FP | 24300 | 24300 | 0 |
| Agnew | 5199 | FP | 18200 | 18200 | 0 |
| Kings Canyon | RARE I | FP | 3200 | 3200 | 0 |
| Dennison Pk. | 5202 | FP | 6700 | 6700 | 0 |
| Moses | 5203 | FP | 24359 | 24359 | 0 |
| Woodpecker | 5206 | FP | 44400 | 44400 | 0 |
| Domeland Adds. | 5207 | FP | 3100 | 3100 | 0 |
| Woolstaff | NA | FP | 44300 | 44300 | 0 |
| Scodies | 5212 | FP | 48000 | 48000 | 0 |
| Cypress | RARE I | FP | 1949 | 1949 | 0 |
| SUBTOTAL | 23 | | 618869 | 568807 | -50062 |

Shasta-Trinity

| | | | | | |
|------------------|---------|-------|--------|--------|---------|
| Backbone | 5216 | NW | 14700 | 14029 | -671 |
| Bake-Oven A | A5800 | W | 700 | 893 | 193 |
| Bake-Oven B | B5800 | NW | 900 | 1434 | 534 |
| Bell-Quimby A | A5218 | W | 2800 | 3184 | 384 |
| Bell-Quimby B | B5218 | NW | 10900 | 13031 | 2131 |
| Bonanza King | 5217 | NW | 19600 | 20136 | 536 |
| Castle Crags A | A5219 | W | 9700 | 11211 | 1511 |
| Cherry Flat | 5805 | NW | 100 | 136 | 36 |
| China Spr. A | W5803 | W | 400 | 481 | 81 |
| China Spr. B | N5803 | NW | 900 | 886 | -14 |
| Chinquapin | 5221 | NW | 21500 | 22454 | 954 |
| Cow Creek | 5222 | NW | 21300 | 23963 | 2663 |
| Devils Rock | 5223 | NW | 17300 | 17516 | 216 |
| Dog Creek | 5224 | NW | 5500 | 5899 | 399 |
| Eagle | 5300 | NW | 6900 | 7373 | 473 |
| East Beegum | 5225 | NW | 8600 | 8019 | -581 |
| East Girard | 5227 | NW | 43100 | 43758 | 658 |
| Fisher Gulch B | B5299 | NW | 7800 | 4684 | -3116 |
| Hobo Gulch | 5802 | W | 1300 | 467 | -833 |
| Kettle Mountain | 5230 | NW | 9300 | 9079 | -221 |
| Little French A | A5228 | W | 11200 | 11988 | 788 |
| Little French B | B5228 | NW | 2600 | 2436 | -164 |
| Little French C | C5228 | NW | 34400 | 35669 | 1269 |
| Mt. Shasta A | A5231 | W | 26610 | 26830 | 220 |
| Mt. Shasta B | B5231 | NW | 9691 | 10272 | 581 |
| Orleans Mtn. | F/N5079 | NW/FP | 62900 | 49909 | -12991 |
| Panther | 5232 | NW | 12700 | 11160 | -1540 |
| Pattison | 5233 | NW | 28900 | 29866 | 966 |
| Penney Ridge | 5234 | NW | 5400 | 3229 | -2171 |
| Salt Gulch | 5286 | NW | 6100 | 6524 | 424 |
| Slate Creek | 5235 | NW | 6800 | 7039 | 239 |
| South Fork | 5236 | NW | 17200 | 17783 | 583 |
| Stoveleg Gap | 5801 | W | 1000 | 1197 | 197 |
| Trinity Alps | NF906 | W | 291406 | 0 | -291406 |
| Add A | | W | | 34864 | 34864 |
| Add B | | W | | 24943 | 24943 |
| Add C | | W | | 9587 | 9587 |
| Add G | | W | | 2 | 2 |
| Exclusions 1 & 6 | | NW | | 10697 | 10697 |
| Wells Mountain | 5133 | NW | 8700 | 9237 | 537 |
| West Beegum | 5239 | NW | 5300 | 5188 | -112 |
| West Girard | 5238 | NW | 39800 | 41150 | 1350 |
| Fisher Gulch A | A5299 | FP | 3300 | 3300 | 0 |
| Mt. Shasta C | C5231 | FP | 299 | 299 | 0 |
| Chanchelulla | 5220 | FP | 11900 | 11900 | 0 |
| East Fork | 5226 | FP | 6200 | 6200 | 0 |
| Mt. Fudy | 5229 | FP | 9600 | 9600 | 0 |
| Murphy Glade | 5298 | FP | 900 | 900 | 0 |
| Granite Peak | 5806 | FP | 3200 | 3200 | 0 |
| Castle Crags B | B5219 | FP | 3300 | 3300 | 0 |
| Weaver Bally | 5804 | FP | 14200 | 14200 | 0 |
| Lake Eleanor | 5807 | FP | 14300 | 14300 | 0 |
| SUBTOTAL | 47 | | 841206 | 625402 | -215804 |

Sierra

| | | | | | |
|-----------------|-------|----|--------|--------|------|
| San Joaquin A | A5047 | W | 40500 | 42270 | 1770 |
| Kings River A | A5198 | W | 5332 | 5332 | 0 |
| Ferguson | 5240 | NW | 6100 | 6100 | 0 |
| Devil Gulch | 5241 | NW | 30300 | 30300 | 0 |
| Shuteye | 5243 | NW | 7700 | 7700 | 0 |
| Woodchuck | 5245 | W | 19700 | 19830 | 130 |
| Sycamore Spring | 5246 | NW | 8900 | 8900 | 0 |
| San Joaquin B | B5047 | FP | 84900 | 84900 | 0 |
| Kings River B | B5198 | FP | 24368 | 24368 | 0 |
| Mt. Raymond | 5242 | FP | 6700 | 6700 | 0 |
| Dinkey Lakes | 5244 | FP | 118100 | 118100 | 0 |

| | MAP # | PD | RARE II | RARE III | CHANGE |
|-----------|-------|----|---------|----------|--------|
| Rancheria | C5198 | FP | 13780 | 13780 | 0 |
| SUBTOTAL | 12 | | 366380 | 368280 | 1900 |

Siskiyou

| | | | | | |
|----------|---------|------|------|------|---|
| Siskiyou | A/B6701 | W/NW | 8294 | 8294 | 0 |
| SUBTOTAL | 1 | | 8294 | 8294 | 0 |

Six Rivers

| | | | | | |
|-----------------|--------|----|--------|--------|-------|
| Blue Creek | RARE I | NW | 31100 | 31050 | -50 |
| Board Camp | 5308 | NW | 5000 | 4580 | -420 |
| Cow Creek | 5222 | NW | 1300 | 1310 | 10 |
| Kelly | 5247 | NW | 5500 | 5390 | -110 |
| Monkey | 5248 | NW | 8900 | 8250 | -650 |
| Mt. Lassic | 5309 | NW | 6800 | 6150 | -650 |
| North Fork | 5250 | NW | 8100 | 8020 | -80 |
| Orleans C | C5079 | NW | 28700 | 27020 | -1680 |
| Packsaddle | 5708 | NW | 3630 | 3630 | 0 |
| Pilot Creek | 5310 | NW | 9500 | 10210 | 710 |
| Red Cap Add. | RARE I | NW | NA | 14380 | 14380 |
| Salt Creek | 5252 | NW | 8800 | 9420 | 620 |
| Ship Mtn. | RARE I | NW | 15400 | 12280 | -3120 |
| Siskiyou A | A5701 | NW | 31200 | 32480 | 1280 |
| Siskiyou B | B5701 | NW | 41100 | 38270 | -2830 |
| Slide Creek | RARE I | NW | 8900 | 11760 | 2860 |
| Soldier | 5251 | NW | 14700 | 14940 | 240 |
| S Kalmiopsis | 5709 | NW | 200 | 280 | 80 |
| Underwood | 5237 | NW | 7300 | 9930 | 2630 |
| Yolla Bolly Ext | 5253 | W | 100 | 200 | 100 |
| Big Butte-Shinb | 5145 | FP | 12400 | 12340 | -60 |
| Orleans B | 5709 | FP | 16500 | 17290 | 790 |
| N. Fork Smith | 5707 | FP | 39400 | 38510 | -890 |
| SUBTOTAL | 23 | | 304530 | 317690 | 13160 |

Stanislaus

| | | | | | |
|-----------------|---------|------|--------|--------|-------|
| Mt. Reba | 5255 | W | 4600 | 4100 | -500 |
| North Mtn. | 5256 | NW | 7900 | 8100 | 200 |
| Trumbell | 5257 | NW | 6500 | 6300 | -200 |
| Cherry Creek Ad | 5662 | W | 6100 | 5850 | -250 |
| Cherry Lake | 5810 | NW | 1000 | 1100 | 100 |
| Bell Meadow | 5811 | NW | 7400 | 8200 | 800 |
| Water House | 5812 | NW | 3900 | 4400 | 500 |
| Eagle | 5813 | NW | 15900 | 16000 | 100 |
| Dome | 5814 | NW | 11300 | 14900 | 3600 |
| Night | 5815 | NW | 2400 | 3100 | 700 |
| Carson-Iceberg | A/C5986 | W/NW | 114170 | 110800 | -3370 |
| Carson-Iceberg | B5986 | FP | 24930 | 24930 | 0 |
| Tuolumne River | 5258 | FP | 18200 | 18200 | 0 |
| Raymond Peak | 5985 | FP | 17500 | 17500 | 0 |
| SUBTOTAL | 14 | | 241800 | 243480 | -3370 |

Tahoe

| | | | | | |
|-----------------|-------|----|--------|--------|-------|
| Bald Mtn. | 5981 | NW | 6000 | 6453 | 453 |
| Duncan Cnyn. | 5259 | NW | 9400 | 9403 | 3 |
| Grouse Lakes | 5260 | NW | 21100 | 20996 | -104 |
| N.F./M.F. Amer. | 5265 | NW | 11900 | 11153 | -747 |
| Castle Peak | NA | NW | 18000 | 17253 | -747 |
| Lakes (Basin) | NA | NW | 551 | 551 | 0 |
| Granite Chief | A5261 | FP | 35200 | 35200 | 0 |
| West Yuba | 5172 | FP | 14900 | 14900 | 0 |
| East Yuba | 5264 | FP | 17900 | 17900 | 0 |
| North Fork Amer | 5262 | FP | 49100 | 49100 | 0 |
| SUBTOTAL | 10 | | 184051 | 182909 | -1142 |

Toiyabe

| | | | | | |
|-----------------|---------|------|--------|--------|-------|
| Bald Mtn. | 4981 | NW | 960 | 960 | 0 |
| Horsethief | 4440 | NW | 18050 | 22650 | 4600 |
| Carson-Icebrg | N/S4986 | W/NW | 113690 | 112610 | -1080 |
| Leavitt Lake | 4666 | W | 4660 | 4660 | 0 |
| Hoover Exten. | E/W4662 | W/FP | 99860 | 99860 | 0 |
| Mt. Olsen | 4984 | NW | 820 | 820 | 0 |
| Wildhorse | 4656 | NW | 24260 | 24260 | 0 |
| Devils Gate | 4658 | NW | 8640 | 8640 | 0 |
| Long | 4660 | NW | 3870 | 3870 | 0 |
| Dardanelles | 4982 | FP | 2480 | 2480 | 0 |
| Tragedy-Elephan | 4984 | FP | 1280 | 1280 | 0 |
| Raymond Peak | 4985 | FP | 38350 | 37150 | -1200 |
| Sweetwater | 4657 | FP | 59980 | 50610 | -9370 |
| SUBTOTAL | 13 | | 376900 | 369850 | -7050 |

Small Hydro Victory

Cont. from Page 1

retaining their permits until they expire, it also is unlikely that Rohnert Park will officially abandon its permit.

An exception to this generalization is Mac Hydro's FERC "exemption" permit on upper Mill Creek in Lassen National Forest. A FERC "exemption" permit allows immediate construction, pending approval by state agencies concerning mitigations for fish and wildlife and water rights.

In this case, both the State Department of Fish and Game and Lassen National Forest opposed the project because of its impact on fisheries and recreation. Public concerns about the imminent destruction of a popular campground

coupled with a firm water release requirement by Fish and Game served to halt the project. Mac Hydro admitted that the environmental concerns could not be mitigated and simply abandoned the permit.

The small hydro boom definitely has peaked out. Hard economics and environmental concerns have taken their toll on the less viable projects. Construction of the remainder depends on the availability of construction capital, need for the energy produced, and the ability of environmental groups to effectively review and monitor these highly speculative projects.

Steve Evans is a Chico activist and is president of the California Wilderness Coalition.

Wilson Axes Wilderness

Cont from Page 1

with no tributaries included. He also is supporting a Mono Basin National Scenic Area managed by the U.S. Forest Service and is urging development of the Auburn Dam.

Many conservationists would rather see no legislation than risk the passage of a gutted bill.

"You have to remember that Congress not only will give us some wilderness, they also will take away protection of millions of acres of other roadless areas," Eaton said. "For that price, we must get much more wilderness than the few crumbs Senator Wilson has to offer."

The Wilson Wilderness Plan

| Proposed Wilderness | H.R. 1437 acreage | Wilson acreage | Net loss | Percent loss | Proposed Wilderness | H.R. 1437 acreage | Wilson acreage | Net loss | Percent loss |
|---------------------|-------------------|----------------|----------|--------------|---------------------|-------------------|----------------|----------|--------------|
| Boundary Peak | 49900 | 0 | -49900 | 100 % | Pattison | 28000 | 0 | -28000 | 100 % |
| Caliente | 5900 | 0 | -5900 | 100 % | Pine Creek | 13100 | 10900 | -2200 | 17 % |
| Caples Creek | 14000 | 0 | -14000 | 100 % | Pyramid Creek | 17000 | 13800 | -3200 | 19 % |
| Caribou | 1800 | 1800 | 0 | 0 % | Red Buttes | 31000 | 16000 | -15000 | 48 % |
| Carson-Iceberg | 190000 | 160000 | -30000 | 16 % | Russian | 12000 | 12000 | 0 | 0 % |
| Castle Crags | 7300 | 7300 | 0 | 0 % | San Geronio Adds. | 21500 | 21500 | 0 | 0 % |
| Chancelulla | 8200 | 8200 | 0 | 0 % | San Jacinto Adds. | 10900 | 10900 | 0 | 0 % |
| Cinder Buttes | 15500 | 0 | -15500 | 100 % | San Joaquin | 110000 | 110000 | 0 | 0 % |
| Cucamonga Adds. | 4400 | 4400 | 0 | 0 % | San Mateo Canyon | 39540 | 39540 | 0 | 0 % |
| Deep Wells | 7000 | 0 | -7000 | 100 % | San Rafael Adds. | 2000 | 2000 | 0 | 0 % |
| Dick Smith | 67000 | 64700 | -2300 | 3 % | Santa Rosa | 20160 | 0 | -20160 | 100 % |
| Dinkey Lakes | 30000 | 30000 | 0 | 0 % | Scodies | 48000 | 0 | -48000 | 100 % |
| Domeland Adds. | 32000 | 32000 | 0 | 0 % | Sheep Mountain | 44600 | 44000 | -600 | 1 % |
| Emigrant Adds. | 6100 | 6100 | 0 | 0 % | Sill Hill | 5200 | 0 | -5200 | 100 % |
| Excelsior | 46400 | 0 | -46400 | 100 % | Siskiyou | 191000 | 153000 | -38000 | 20 % |
| Fish Canyon | 32900 | 0 | -32900 | 100 % | Snow Mountain | 37000 | 37000 | 0 | 0 % |
| Granite Chief | 34000 | 15000 | -19000 | 56 % | South Sierra | 77000 | 63000 | -14000 | 18 % |
| Granite Peak | 10600 | 0 | -10600 | 100 % | South Warner Adds. | 1940 | 1940 | 0 | 0 % |
| Hauser | 8000 | 8000 | 0 | 0 % | Thousand Lakes Add | 7000 | 0 | -7000 | 100 % |
| Hoover Adds. | 49200 | 0 | -49200 | 100 % | Timbered Crater | 22000 | 0 | -22000 | 100 % |
| Ishi | 41840 | 41840 | 0 | 0 % | Trinity Alps | 500000 | 460000 | -40000 | 8 % |
| John Muir Inyo Add | 9000 | 0 | -9000 | 100 % | Ventana Adds. | 2750 | 2750 | 0 | 0 % |
| John Muir Sierra A | 81000 | 76000 | -5000 | 6 % | Yolla-Bolly Adds. | 46000 | 27000 | -19000 | 41 % |
| Lassen Volcanic Ad | 3900 | 0 | -3900 | 100 % | Bucks Lake | 21000 | 0 | -21000 | 100 % |
| Marble Mtn. Adds. | 38000 | 28000 | -10000 | 26 % | Echo-Carson | 20000 | 0 | -20000 | 100 % |
| Minarets Adds. | 9000 | 0 | -9000 | 100 % | Mill Creek | 9800 | 0 | -9800 | 100 % |
| Mokelumne Adds. | 60000 | 55000 | -5000 | 8 % | Machessa Mountain | 20000 | 20000 | 0 | 0 % |
| Monarch | 55000 | 45000 | -10000 | 18 % | Jennie Lakes | 10500 | 10500 | 0 | 0 % |
| Mt. Shasta | 37000 | 37000 | 0 | 0 % | | | | | |
| North Fork | 8100 | 8100 | 0 | 0 % | | | | | |
| | | | | | TOTALS | 2332030 | 1684270 | -647760 | acres |

Noble Canyon and Highland Peak in the proposed Carson-Iceberg Wilderness have been eliminated from Wilson's bill

Photo by Jim Eaton

Great Issue of *Fremontia*

Wilderness defenders will find numerous articles of interest in the January issue of *Fremontia*, the quarterly journal of the California Native Plant Society (CNPS).

The cover story is about the rare plants of the Nipomo Dunes near Pismo Beach and the struggle to control off-road vehicles there. The first of a two-part article "California's Serpentine" explains the distribution of the State Rock and how plants have adapted to this demanding growing medium.

Two forestry articles are highly recommended: "Can A Red Fir Forest Be Restored?" and "Old-Growth Douglas Fir Forests." There also is a short piece on "Death Valley's Rare Gilmanian," one of the truly rare wildflowers of the southwestern desert region.

You may obtain a reprint of this issue for \$1.50. If you are not already a member, join CNPS while you are at it for \$12.00 annual dues (\$18 for couples; \$8 for students or retired persons). Contact: California Native Plant Society, Suite D, 2380 Ellsworth St., Berkeley, CA 94704.

Wilderness Wildlife

The Poorwill Phantom of the Twilight

By Dennis Coules

The naturalist who explores along roads or tracks at dusk in the California desert or low-elevation Sierra may be fortunate to glimpse the secretive poor-will. The poor-will (*Phalaenoptilus nuttallii*) is a nocturnal insectivorous bird with large eyes and a small, weak bill which nevertheless opens to a huge gape. Its intricately cryptic coloration allows it to remain motionless and hidden on the ground throughout the day. This bird is more often heard than seen, and is named after its loud, fluid nighttime call.

Poor-wills are classified in the nighthawk or "goatsucker" family which also includes the whip-poor-will and common nighthawk. Related birds in other parts of the world include nightjars, potoos, frogmouths, and owl-frogmouths.

The poor-will exhibits one characteristic that is almost unique among birds: hibernation. During winter months when insect food is not abundant, poor-wills may enter a state of torpor in which both

body temperature and metabolic rate are reduced.

RANGE AND HABITATS

During the breeding season the poor-will ranges from southwestern Canada, throughout the western United States, and on to central Mexico. During the winter it normally is found no farther north than central California. The more northern breeding populations migrate south as insects become scarce. Hibernating individuals have been found in California and Arizona. It is not known what proportion of the population in areas of hibernation migrates south versus what proportion remains in a state of torpor.

The poor-will is most often associated with arid environments -- deserts, open pinon-juniper woodlands and sparse brushlands. In the Sierra, it breeds from the digger pine/oak woodlands up to the Jeffrey pine forests, especially in open locations.

LIFE CYCLES AND BEHAVIOR

Poor-wills in California breed from mid-March to early August. The

eggs are laid on bare ground or in a scrape in a location that is partially concealed by vegetation or rocks while also affording a clear view from the nest. The bird is very reluctant to leave its nest unless very closely approached, relying on its "dead leaf" pattern for camouflage.

Poor-wills are crepuscular and nocturnal, being most active at dusk, night, and dawn. If flushed from their spots during the day, they cry a mellow "quirp quirp," fly a few yards in a moth-like fashion, and realight upon the ground.

Even when active at night, the poor-will remains close to the ground, darting up noiselessly to take moths, beetles, and other nocturnal insects, then resettling quickly. When startled at night this bird occasionally may alight close enough for examination by flashlight.

Poor-wills hunt by sight and have excellent night vision. Their jaw muscles are specially adapted so that the mouth snaps shut automatically when insect prey hits the palate.

During the winter torpor their body temperature may drop from 104°F to 64°F. It has been calculated that a ten-gram fat supply that would sustain a non-torpid poor-will for only ten days would be sufficient for 100 days in the torpid state. Only poor-wills and some swifts are known to have adapted to winter food shortages by evolving a

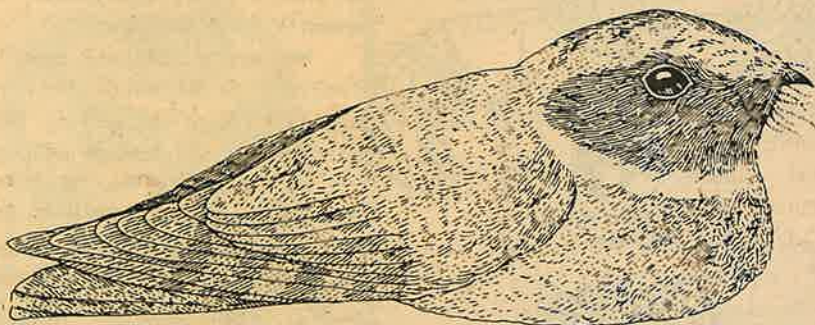
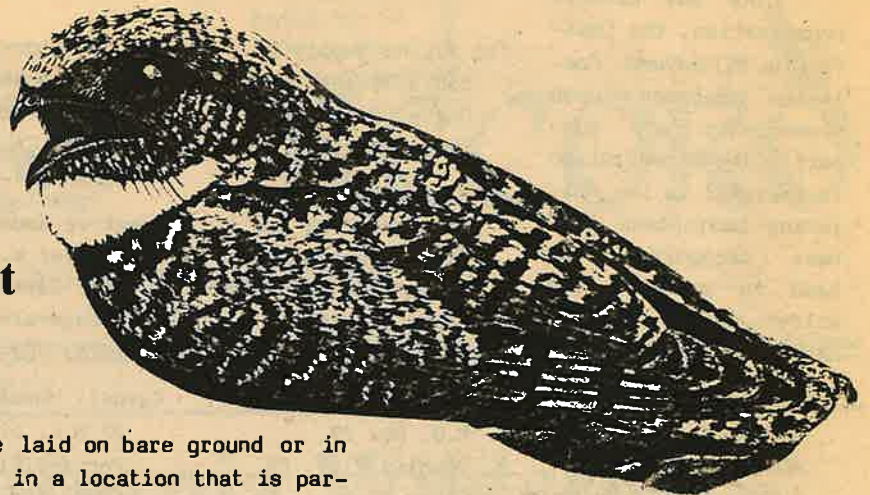
form of hibernation. Most other aerial insectivores, such as swallows, flycatchers, and other night-hawks only have the option of migrating to areas of insect availability.

CONSERVATION STATUS

The critical factor for the preservation of healthy and abundant poor-will populations in California is probably the availability of suitable undisturbed nesting habitat. The unprotected nests on the ground are particularly vulnerable to off-road vehicles, which may crush the eggs and young or prevent nesting due to noise and disturbance. Availability of insects as food also is a prerequisite for poor-will survival. No doubt the proliferation of pesticide use has damaged or eliminated poor-will populations in some agricultural regions that might otherwise be suitable, both through direct destruction of food and indirect poisoning.

However, as a species the poor-will appears to be in no immediate danger and will probably remain with us as long as wild areas and nocturnal insects remain on the scene. Its fleeting presence and compelling, disembodied voice certainly personify the living desert at night.

Dennis Coules is the California Wilderness Coalition's consultant for wildlife and desert issues.



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PURPOSES OF THE CALIFORNIA WILDERNESS COALITION.

...to promote throughout the State of California the preservation of wild lands as legally designated wilderness areas by carrying on an educational program concerning the value of wilderness and how it may best be used and preserved in the public interest, by making and encouraging scientific studies concerning wilderness, and by enlisting public interest and cooperation in protecting existing or potential wilderness areas.

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