

DEDICATED TO THE PRESERVATION OF THE CALIFORNIA NATIVE FLORA

BRISTLECONE • CHAPTER

NEWSLETTER

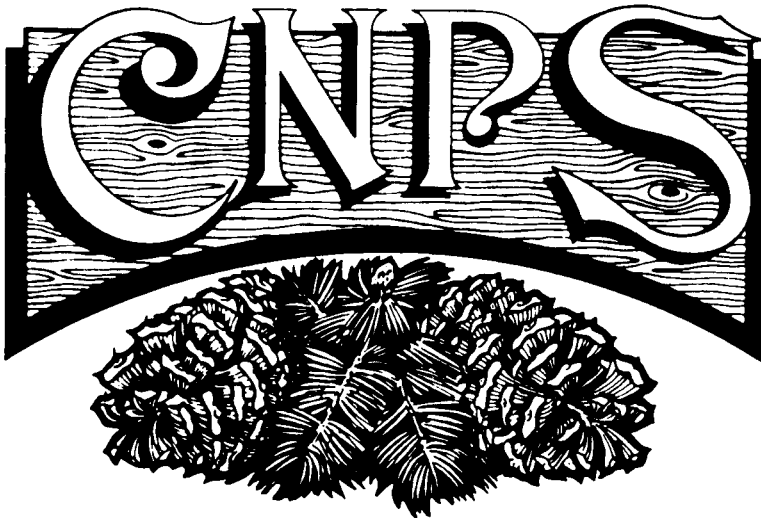
Vol. 12, No. 2

March 1993

NEXT CHAPTER MEETING

Wednesday, March 31, 7:30 at the
Sierra Baptist Church in Independence.

The presentation will be hosted by Gary Morgan a retired Forester who will discuss sustainable timber harvesting methods. Gary's presentation will focus on how these methods have been employed within his own private timber harvesting operation and those also run by Native Americans.



PRESIDENT'S MESSAGE

We are off to a great start! With the January meeting, it was heart-warming to welcome so many members and guests. Thank you Richard Potashin for your interesting presentation on growing native desert plants. May such an enthusiastic group continue as we alternate meetings, north to south. As program chairperson, Carla has more interesting meetings planned.

As profound and powerful forces are changing our world, within the framework of our organization, we have the power to promote and protect our environment. Working together, not only with government agencies, but also with fellow environmental organizations, we have mutual goals and can indeed make an impact.

Meanwhile, new and vocal groups are springing up, especially in the west and they are predominately funded by big business preaching "wise-use". To the detriment of our diminishing open spaces this voice is escalating opposition to the Desert Protection and Mining Reform Bills. To quote from an illuminating article in the September-October 1992 Audubon Magazine; "The Wise Use Movement has given voice to a mostly rural constituency that believed itself powerless in the face of change. The environmental community would do well to look on it as a wake up call.--What is happening is the beginning of public debate about our future".

Let us take an active part in this debate in each of our communities as we eagerly look forward to a wild-flower filled spring and summer and participate in our Chapter field trips. Let us share and communicate with our neighbors, friends, local and national politicians our concerns for protection and enhancement of our environment.

.....Betty Gilchrist

LEGISLATION-CONSERVATION CORNER

The big guns are firing off again against the Desert Protection Act -- our own Board of Supervisors are using our County tax money to oppose the bill by having the 4th District Supervisor lobby against it while he is in Washington. In addition, our 34th District Assembly woman issued a grossly misleading and unfactual broadside of the bill in the February 24th issue of our County newspaper.

We need to flood Washington with letters and phone calls to Senators Feinstein and Boxer in support of their backing of this bill. Senator Feinstein can be contacted at: (202) 224-3841, U.S. Senate, 367 Dirksen Bldg., Washington, D.C. 20510, and Senator Boxer at: (202) 224-3553, U.S. Senate, 112 Hart Bldg., Washington, D.C. 20510. You can call before 8:00 am for not more than it costs to make a local call between Bishop and Lone Pine! Do it early tomorrow morning (Mon.- Fri.).

LINE 50 STATE TAX DONATIONS CAN HELP ENDANGERED PLANTS


The Department of Fish and Game invites California Native Plant Society members to consider contributing to the state's endangered species program by making a Line 50 donation on their state income tax returns.

Currently, 213 plant species are among the 286 species which California lists as rare, threatened or endangered. Plant species on the list include the Alameda manzanita, Bakersfield cactus, Colusa grass, Contra Costa wallflower, lone buckwheat, Napa bluegrass, Otay Mesa mint, Sonoma sunshine and Western lily.

The State Department of Fish and Game administers the endangered species program which seeks to protect California's threatened plant and wildlife species habitat. Line 50 donations go to fund research and positions of Department employees who are working on endangered species program projects. Californians have donated about \$7 million to benefit endangered species since inception of the Endangered Species Tax Check-Off Program in 1984.

Donations are easy to make. You may do so by checking the Line 50 box and entering the amount of your donation. If you have your taxes prepared by a professional, give instructions for a Line 50 donation and specify the amount. Your donation is Tax deductible.

We can use our Tax Returns to help Endangered Species.



It's 100% deductible!

FORM 540 California Tax Form	
You may make a contribution of \$1 or more:	
48	Alzheimer's Disease 48
49	Senior Citizens 49
50	ENDANGERED SPECIES 50 20
51	Child Abuse 51
52	Breast Cancer 52
53	Vietnam Veterans 53

Fill in any amount you want!

Use "Line 50": California has more than 284 native animal and plant species that are fighting for survival. We urge you to help them win that fight with a tax-deductible contribution on "Line 50" of your State Tax Return. Please help if you can. Even a little contribution helps a lot!

Pictured here: Western Lily (one of 284 California species at risk!)

Due to changes in leader's schedules and location specifics **please note** the following changes and additions for the spring 1993 field trips listed in the January newsletter.

MARCH 27. SAND CANYON. Leader: Mary Ann Henry. This trip has been changed to Sunday **March 28th**. Meet at 8:00 am, at the Lone Pine Visitor's Center or at 9:00 am at the Sand Canyon turnoff on the west side of Hwy. 395 (intersection of Hwy. 395 and Brown Road).

APRIL 3. RED ROCK CANYON. Leader: Mark Faul. This trip is confirmed. Meet at 8:30 am at the Lone Pine Visitor's Center.

APRIL 17. FOSSIL FALLS. Leader: Vince Yoder. Meet at 9:00 am at Cinder Road which is approximately 5 miles north of Little Lake along U.S. Hwy. 395.

APRIL 24. BLACK CANYON. Leaders: Doris Fredendall and Ray Mosher. From U.S. Hwy. 395 (one mile south of Bishop), turn east on Warm Springs Road. Meet at 9:00 am where Warm Springs Road turns into Eastside Road and where the dirt road runs south to Black Canyon.

MAY 1. ALABAMA HILLS. Leader: Vince Yoder. This trip has been rescheduled to **May 8th**. Meet at 9:45 am at the intersection of Whitney Portal and Movie Rd. in the Alabama Hills or at 10:00 am at CNPS president's Betty Gilchrist's home, if you are familiar with the location.

MAY 15. EUREKA VALLEY. Leaders: Mary DeDecker and Clem Nelson. This trip has been rescheduled to **May 22nd**. Meet at 9:00 am Saturday morning, at the Triangle Campground in Big Pine, at the junction of U.S. Hwy. 395 and Highway 168. High clearance vehicles recommended.

1993 BRISTLECONE CHAPTER FIELD TRIPS, SUMMER SCHEDULE

JUNE 12: HOT CREEK. Leader: Joanne Dolan. Join Inyo National Forest Naturalist Joanne Dolan for a trip to Hot Creek in the hydrologically and botanically unique Long Valley area. Joanne will take us along the volcanic bluffs above the creek and then have us descend into the thermal zone where heat and salt tolerant plant species appear. Meet at 9:00 am at the Mammoth Lakes airport exit off of U.S. Hwy. 395. Easy walking.

JUNE 26: PINE CREEK. Leader: Scott Hetzler. Explore the diverse and colorful plant zones that wind up this drainage. We will walk through a cool, green white fir forest, lush lily graced enclaves and rock garden terraces. Round trip hike will be approximately 4 miles. Initial sections of the hike will be steep, but we'll take a slow pace. Meet at 9:00 am at the Home Street School in Bishop. Moderate walking.

JULY 10: REED FLAT. Leader: Doris Fredendall. This favorite White Mountain spot provides a wonderful flowery trek. Mat plants cover the flat and the slopes offer various lupines and special buckwheats. At the base of the high rocks and up towards the crest, Cooper's golden flower and bitterroot appear. After lunch, the return walk will offer Penstemon and hopefully, a hill of crimson paintbrush (*Castilleja martinii*). Full plant lists will be available. Meet at 9:30 am at the wide parking area for the Black Mountain trail which is just before the turn-in to Schulman Grove. Driving distance from U.S. Hwy. 395 via State Route 168 is approximately 23 miles. Easy walking.

JULY 24: VALENTINE CAMP, BELOW MAMMOTH LAKES BASIN. Leader: Mark Bagley. Valentine Camp, part of the Valentine Eastern Sierra Reserve, is part of the University of California's Natural Land and Water Reserves System. It contains an unusually diverse sample of eastern Sierran habitats at the ecotone between the sagebrush desert of the Great Basin and the coniferous forests of the Sierra Nevada. Because this is a reserve, our **numbers will be limited** so please **sign up** by calling the field trip coordinator, Anne Halford at 387-2781. Meet at 9:30 am in the parking lot of the Forest Service Mammoth Ranger District. Easy walking.

Field Trips Continued.

AUGUST 7. BODIE HILLS. Leader: Tim Messick. Tentative. Look for more details in the upcoming May Newsletter.

AUGUST 21: WHITE MOUNTAINS. Leader: Jim Morefield. Combine exploration and research by assisting Jim in a survey for the Inyo prickly milkvetch (*Astragalus kentrophyta* var. *elatus*). *Astragalus kentrophyta* var. *elatus* is locally abundant in the Inyo Mountains but is restricted to a disjunct population in the White Mountains. Participation in the survey isn't necessary to join the trip however. Jim will undoubtedly enlighten us about many of the other alpine plants unique to this location. Meet at 10:00 am at the Schulman Grove Parking lot. Easy walking.

FIELD TRIP POLICIES

Generally, day trips last most of the day while the overnight trips conclude mid-afternoon on Sundays. On all trips bring a lunch and plenty of water. Although we are often near vehicles at lunch, always be prepared to carry your supplies on a hike. On overnight trips be prepared to have food and water supplies for two days. Other essentials to bring for all trips include; a hat, sunglasses, sunscreen, and sturdy walking shoes and don't forget your hand lens and field guides!

Family, friends, and visitors are welcome to come along, but please, no pets. Unless indicated, the average car should be fine on our trips. All vehicles however **should be reliable**, have good tires and full gas tanks. Trips will LEAVE at the time announced, so please arrive a few minutes early. Car pooling is encouraged. Please contact Anne Halford, field trip coordinator at 387-2781, for more information.

Tamarisk Removal Projects

These projects are organized by various individuals, conservation organizations and government agencies to eradicate Tamarisk from critical areas. Contact Bill Neil 4900 Glenview Ave. Anaheim, CA 92807 (714) 577-2423 for more information. The next project will take place on **May 28th** at Darwin Falls.

NEW MEMBERS

A warm welcome to the following new members in our chapter.

John R. Gibson
El Cerrito, CA

Bernice McProud
Tonopah, NV

John & Donna Satterfield
Bishop, CA

BOOK REVIEW

The History of Water

Eastern Sierra Nevada, Owens Valley, White-Inyo Mts.
White Mountain Research Station Symposium, Volume 4

Well, it is now available - the proceedings for the Water Symposium held on September 19-22, 1991 in Bishop. It was a long wait, but well worth it. Those of us who attended were impressed by the professional quality of the talks, many of which were illustrated with slides.

The welcome and introductory remarks by Clarence A. Hall, Jr., the keynote address by Marc Reisner, author of the Cadillac Desert, and reproduction in expanded form of each talk are all here. There is even a section at the end for 18 abstracts of additional reports given at the sessions but for which papers were not published.

Some familiar names are present: Vernon C. Bleich, Robert S. Jellison, David P. Groeneveld, Sara (Sally) J. Manning, Mary Dedecker, John D. Wehausen, David E. Babb, Emilie Martin, Edwin Philip Pister, Carla R. Scheidlinger, Antonio Rossman, Linda Keating, Joseph Pollini, and more.

Topics covered include Ancient Seas and Waterways; Climate; Water Usage - Biology/Ecology; Water usage - Sociology/Economics; Water Usage - Legal/Ethical; and Enhancement/Recovery/Protection.

Some of the papers are quite technical and challenging but well worth the effort; delve into material with which you may not be too familiar. Each paper, however, is preceded by an Abstract which succinctly summarizes the important information.

Available through your local bookstore, the Visitor's Center south of Lone Pine, or through the White Mountain Research Station Office on East Line Street.

Enjoy!

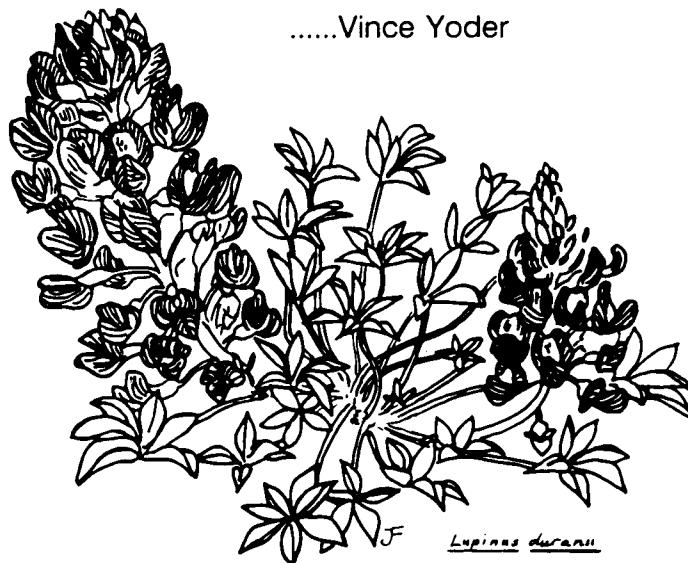
P.S. The first three volumes are also worthwhile. Titles:

Volume 1, Natural History of the White-Inyo Range, Eastern California and Western Nevada and High Altitude Physiology.

Volume 2, Plant Biology of Eastern California.

Volume 3, Natural History of Eastern California and High Altitude Research.

.....Vince Yoder



A DEDECKERA CANYON PLANT LIST

ADIANTACEAE Bracken Fern Family	
Notholaena jonesii	Jones lip fern
Notholaena parryi	Parry lip fern
AMARANTHACEAE Amaranth Family	
Tidestromia oblongifolia	Honeysweet
APIACEAE Parsley or Carrot Family	
Cymopterus gilmanii	Gilman cymopterus
APOCYNACEAE Dogbane Family	
Amsonia brevifolia	Amsonia
ASTERACEAE Sunflower Family	
Amphipappus fremontii	Chaff-bush
Artemisia spinescens	Bud sage
Atrichoseris platyphylla	Gravel ghost, parachute plant
Baccharis glutinosa	Water-wally
Brickellia arguta	Pungent brickellbush
Brickellia microphylla	Sweet brickellia
Brickellia oblongifolia	
var. linifolia	Pinyon brickellia
Chaenactis fremontii	Fremont pincushion
Chaetadelpha wheeleri	Dune broom
Chrysothamnus nauseosus	
ssp. leiospermus	Arid rabbitbrush
Chrysothamnus paniculatus	Wash rabbitbrush
Encelia virginensis ssp. actonii	Bush sunflower
Enceliopsis nudicaulis	Nevada sun-ray
Gutierrezia microcephala	Matchweed
Hazardia brickellioides	Holly goldenbush
Hecastocleis shockleyi	Prickle-leaf
Hymenoclea salsola	Cheese-bush
Malacothrix californica var. glabrata	Desert dandelion
Rafinesquia neomexicana	White chicory
Senecio douglasii var. monoensis	Mono senecio
Stephanomeria pauciflora	Desert milk-aster
Tetradymia axillaris	Cotton-thorn
Viguiera reticulata	Golden-eye
Xylorhiza tortifolia	Mojave aster
BORAGINACEAE Borage Family	
Cryptantha angustifolia	Narrow-leaved cryptantha
Cryptantha circumscissa	Capped forget-me-not
Cryptantha decipiens	Gravel forget-me-not
Cryptantha inaequata	Panamint cryptantha
Cryptantha nevadensis	Nevada cryptantha
Cryptantha pterocarya var. cycloptera	Wing-nut cryptantha
Cryptantha racemosa	Bushy cryptantha
Cryptantha recurvata	Curved-nut cryptantha
Cryptantha tumulosa	Sturdy forget-me-not
Cryptantha utahensis	Fragrant forget-me-not
Cryptantha virginensis	Virgin Valley cryptantha

BRASSICACEAE Mustard Family

Lepidium fremontii	Bush peppergrass
Lepidium lasiocarpum	Modest peppergrass
Stanleya elata	Prince's plume

CACTACEAE Cactus Family

Echinocactus polycephalus	Cottontop cactus
Echinocactus engelmannii	Torch cactus, Engelmann cactus
Opuntia basilaris	Beavertail cactus

CARYOPHYLLACEAE Pink Family

Arenaria macradenia ssp. macradenia	Lime sandwort
Scropulophila rixfordii	Rixford rockwort

CHENOPODIACEAE Goosefoot or saltbush Family

Atriplex canescens	Fourwing saltbush
Atriplex confertifolia	Shadscale

FABACEAE Pea Family

Astragalus panamintensis	Cliff milk-vetch
Psorothamnus arborescens var. minutifolius	Blister dalea, indigo bush

HYDROPHYLLACEAE Waterleaf or Phacelia Family

Phacelia crenulata	Purple phacelia
Phacelia fremontii	Yellow-throats
Phacelia perityloides	Cliff phacelia
Phacelia rotundifolia	Round-leaved phacelia

LAMIACEAE Mint Family

Salvia funerea	Death Valley sage
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LOASACEAE Loasa Family

Eucnide urens	Rock nettle, vegetable velcro
Mentzelia albicaulis	Little blazing star
Mentzelia oreophila	Inyo blazing star

LOGANIACEAE Logania Family

Buddleja utahensis	Utah buddleja
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MALVAVEAE Mallow Family

Sphaeralcea ambigua	Apricot mallow
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NYCTAGINACEAE Four O'Clock Family

Allonia incarnata	Windmills
Mirabilis bigelovii	Wishbone bush

OLEACEAE Olive or Ash Family

Menodora spinescens	Spiny menodora
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ONAGRACEAE Evening Primrose Family

Camissonia claviformis ssp. lancifolia	Inyo-Mono yellow primrose
Camissonia walkeri ssp. tortilis	Rock primrose

OROBANCHACEAE Broom-rape Family

Orobanche cooperi ssp. latifolia	Desert wash strangler
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POACEAE Grass Family

Blepharidachne kingii	King's eyelash-grass
Aristida glauca	Reverchon three-awn
Erioneuron pulchellum	Fluffgrass
Mulenbergia porteri	Bush muhly
Oryzopsis hymenoides	Indian ricegrass
Poa secunda	Varied bluegrass
Sporobolus flexuosus	Mesa dropseed
Tridens muticus	Slim tridens

POLEMONIACEAE Phlox Family

Gilia cana ssp. triceps	Showy gilia
Gilia latifolia	Holly gilia
Gilia scropulorum	Rock gilia
Loesaeliastrum scottii	Little sunbonnets

POLYGONACEAE Buckwheat Family

Chorizanthe rigida	Rosy-thorn
Dedeckera eurekaensis	July gold, Dedeckera
Eriogonum fasciculatum var. polifolium	Bee buckwheat, Bush buckwheat
Eriogonum gilmanii	Gilman buckwheat.
Eriogonum glandulosum	Pink mist
Eriogonum heermanii ssp. argense	Rough Heerman buckwheat
Eriogonum maculatum	Spotted buckwheat
Eriogonum nidularium	Whisk-broom, Bird's-nest
Eriogonum inflatum	Desert trumpet
Eriogonum trichopes	Little trumpet

ROSACEAE Rose Family

Prunus fasciculata	Desert almond
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SCROPHULARIACEAE Figwort Family

Castilleja chromosa	Desert Paintbrush
Mimulus rupicola	Rock midget
Penstemon calcareus	Limestone penstemon
Penstemon fruticiformis	Desert bush penstemon

SOLANACEAE Nightshade Family

Lycium andersonii	Desert tomato
Nicotiana trigonophylla	Desert tobacco
Physalis crassifolia	Thick-leaf ground-cherry

ZYGOPHYLLACEAE Caltrop Family

Larrea tridentata	Creosote Bush
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List prepared by Mary DeDecker, January 1993.

Dedeckera Canyon provides the right conditions, high dolomite cliffs with crevices and shelters, good north and east exposures at about 4000 feet in elevation, and the right weather conditions for an outstanding assemblage of desert plant species.

Eagles and great horned owls are seen here. Bighorn sheep occupy the Last Chance Mountains above the canyon.

**CALIFORNIA NATIVE
PLANT SOCIETY: BRISTLECONE CHAPTER
Membership Report**

January 1993

TOTAL MEMBERSHIP: 156 (Up 5% from 1992)

* In addition, five memberships are less than six months past renewal.

BY MEMBERSHIP CATEGORY:

- 1) INDIVIDUAL = 50% (Down 8% from 1992)
- 2) COUPLE/FAMILY/GROUP = 21% (Up 1%)
- 3) RETIRED INDIVIDUAL/COUPLE = 13% (Up 2.5%)
- 4) SUPPORTING = 8% (Up 1%)
- 5) PLANT LOVER = 1% (No change)
- 6) LIFE = 3% (Up 1%)
- 7) LIBRARY = 2% (Up 1.5%)
- 8) STUDENTS = 2% (Up 1%)

BY GEOGRAPHICAL LOCATION

- 1) LOCAL (Inyo-Mono-Ridgecrest) = 63% (Up 2% from 1992)
- 2) SOUTHERN CALIFORNIA = 10% (Down 1%)
- 3) NORTHERN CALIFORNIA = 8% (Down 2%)
- 4) OUT-OF-STATE = 18.5% (Up 1.5%)
 - Nevada = 7% of total members (Up 2%)
 - Other States include: Alaska, Arizona, Colorado, Idaho, Illinois, Maryland, Michigan, Missouri, Oregon, Utah and Wisconsin
- 5) OUT-OF-COUNTRY = 0.5% (Down 0.5%)
 - Canada

NEWSLETTER

- 1) Subscriptions = 20-18 in California
 - Other states include: Idaho and Kansas (down 1 from 1992)
- 2) 35 distributed within CNPS (+3)
- 3) 19 distributed to other organizations and individuals (+3)

THE CALIFORNIA NATIVE PLANT SOCIETY - Membership Application

The California Native Plant Society is an organization of lay persons and professionals united by an interest in the plants of California. It is open to all. The society, working through its local chapters, seeks to increase understanding of California's native flora and to preserve this rich resource for future generations. Varied interests are represented.

Name _____ P.O. or Street _____

City _____ State _____ Zip _____ Phone _____

Membership Category:

- _____ Student/Retired/Limited Income
- _____ Individual or Library \$25
- _____ International \$35
- _____ Family or group \$35
- _____ Supporting \$50
- _____ Plant Lover \$100
- _____ Patron \$250
- _____ Life \$500
- _____ Benefactor \$500
- _____ Corporate \$1,000

I wish to be affiliated with the

\$18. Bristlecone Chapter _____
Other _____

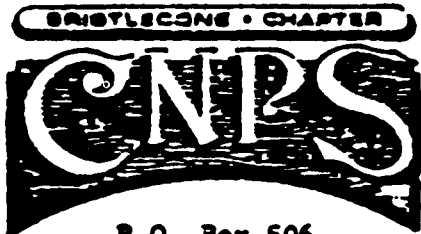
Please make check payable to:
California Native Plant Society

Mail to: Bristlecone Chapter, CNPS
P.O. Box 506
Independence, CA 93526

GIFT contribution: Where most needed _____. Conservation _____.

THE BRISTLECONE NEWSLETTER comes out bimonthly. It is mailed free to members of the Bristlecone Chapter, CNPS. The subscription is \$5.00 per year for others. Editor: Mary DeDecker / Anne Halford.

California Native Plant Society



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