



Next Meeting

May 27, 7:30 p.m., in the social hall of the Big Pine Methodist Church, Crocker and School streets, Big Pine. Turn west from the Hwy at the yellow light. Bill Weaver, UCLA graduate student, will give a presentation on "Host Plant Relationships of the Western Tent Caterpillar".

PRESIDENT'S MESSAGE:

At the last meeting we put forth the idea of working with the Forest Service or BLM in "adopting" a trail or place. There was little response, possibly because our active membership is spread from Round Valley to Ridgecrest. It would be difficult to decide on an area convenient for all. So I challenge you, individually, to select a trail, a bit of streamside, a stretch of favorite roadway, or even a vacant lot and make it your own. Learn of its plants, insects and animals; watch it change through the seasons; help to keep it clean; then share your new knowledge with us at meetings. We'll all benefit, and so will the land.

. Doris Fredendall

DEATH VALLEY FIELD TRIP - April 4-5.

Our chapter's weekend field trip to Death Valley turned out to be a surprise. Trip leader Peter Rowlands suggested we not go to Ubehebe Crater and thence to the Racetrack as advertised in the newsletter since the wildflower display was very poor. There had been little seasonal rain in that part of the monument. He recommended that we head south instead to the highway to Beatty as the display was quite good up through Mud Canyon to Daylight Pass. Although some of us were disappointed not to get to the Racetrack we agreed that we had come to see wildflowers. Peter also suggested that we go to Ash Meadows just inside Nevada in the afternoon and spend the night there.

As promised, the display was good up Mud Canyon. At the turn-off to Beatty we found the rare *Gilmania luteola* as well as the more common *Phacelia calthifolia*, *Monoptilon bellioides*, *Chaenactis carphoclinia*, *Camissonia boothii*, *Atrichoseris platyphylla*, *Chorizanthe rigida*, *Gilia latifolia*, *Eremalche rotundifolia*, *Mohavea breviflora*, *Cryptantha angustifolia*, and other regulars of Death Valley.

CHAPTER FIELD TRIPS

JUNE 13-14. 4-WD VEHICLE TRIP IN THE INYO MOUNTAINS. Leaders: Mary & Paul DeDecker. Difficult driving and easy walking trip, entering the Inyo Mountains from Big Pine and returning via Independence. **High clearance 4-wd vehicles are absolutely necessary.** Dry camp Saturday night at Papoose Flat. Meet at 9:00 am in Big Pine at the Triangle Campground, junction of US 395 and Hwy 168. If planning to participate please contact the leaders at 878-2389.

JUNE 27. MONO BASIN. Leaders: Tina & Mead Hargis. Driving and easy walking tour of some pumice flats where several rare species occur, such as *Astragalus monoensis* and *Lupinus duranii*; Sagehen Meadow where Tina has been working on a monitoring study since it was burned 5 years ago; and, time permitting, the Black Point area on the north shore of Mono Lake. Meet 9:30 am at the Mono Lake Ranger Station, located 1 mile west of US 395 on the Tioga Pass Road. Some dirt road driving, but a regular car is OK. Camping available in Lee Vining Canyon.

JULY 18-19. WHITE MOUNTAINS. Leaders: Mary & Paul DeDecker and Mark Bagley. A joint trip with the San Diego Chapter to see plants of the Bristlecone Pine Forest and alpine zones. Meet at 9:00 am in Big Pine at the Triangle Campground, junction of US 395 and Hwy 168. Dry camp at group campground on Saturday night.

AUGUST 1. VALENTINE CAMP, BELOW MAMMOTH LAKES BASIN. Leaders: Mark Bagley and Leslie Dawson. 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 coniferous forests of the higher Sierra Nevada. This will be an easy walking trip at an elevation of about 8000 feet. Because this is a reserve, our numbers will be limited so please sign up by calling Mark at 873-5326. Meet at 9:00 am in the parking lot of the Forest Service Mammoth Ranger Station.

Unless indicated, the average car should do fine on our trips. Trips will LEAVE at the time announced, so please arrive a few minutes early. Family, friends, visitors, and members from other chapters are welcome to come along, but please no pets. Bring plenty of water or other thirst quenching beverages, a hat, dark glasses, sunscreen, and sturdy walking shoes. Don't forget to bring along field guides and a hand lens!

THE BRISTLECONE NEWSLETTER

Your suggestions for content are welcome and appreciated. We like to know what interests you most. It appears that plant lists are popular, often requested. Orders for issues including additions to the White Mountain Flora have come in. For those interested, these are Vol. 1, NO. 4, Vol. 2, NO. 6, Vol. 5, NO. 2, and Vol. 6, No. 2. We charge 75¢ each issue to non-members., 50¢ to members.

The newsletter has a wide distribution. Outside of California we send to Arizona, Arkansas, Colorado, Florida, Illinois, Louisiana, Washington D.C. and Canada. Most of them go to CNPS members, but some are subscriptions only.

Because of the keen interest in the Jepson Manual Project, it seems appropriate to include a quote from him.

The elements of wilderness minister mentally and spiritually to man, satisfying his craving for the beautiful and restful. The blossom on the tree, the sweep of poppy fields, the aroma of chaparral, after rain--these make an all but universal appeal. There can be no doubt of our natural craving for the woods and flowering fields.

. W. L. Jepson, 1917

The Mary Dedecker Symposium: A mass gathering of field biologists.

The Mary Dedecker Symposium (honoring it's name sake) was held at the White Mountain Research Station in Bishop on Thursday April 30-Sunday May 3, 1987. The Symposium was sponsored by the California Native Plant Society and the White Mountain Research Station. 130 people gathered to hear 30 talks, take two field trips, and especially to partake of many discussions and great volumes of delicious food. The meeting formally began with registration and a reception in the brand new dining facilities at the White Mountain Research Station. The reception began at 5:00pm Thursday evening and it was obvious at once that this was to be no ordinary symposium. People were huddled around great bowls of squid ceviche, guacamole, sliced fresh pineapple and many other dips and other delicacies. As more and more people arrived, and the talk grew more and more animated, it was clear that the interest and enthusiasm of the participants was very great indeed. The reception was scheduled to last for an hour, but carried on well into the night. For several of the younger students, this was their first symposium: "Are all scientific meetings like this?" "Not for this price!" came the answer.

Up bright and early Friday morning, the participants filled the classroom to over-flowing. The talks included Ecology, Biogeography and Environment, past and present; Taxonomy, Morphology and Reproductive Biology; Animal -Plant relationships; Remote Sensing and Public Policy. All of the papers focused on the Owens Valley, White Mountains and Eastern Sierra. The strong field emphasis of the researchers became evident as well as the high quality of their work. The speakers represented 14 academic institutions, 4 Botanic Gardens and Museums, 4 Government Agencies and 4 private consultants. The quality of the papers was consistantly high, and the level of interest generated was indicated by the continuing discussions throughout the symposium. The Papers will be published in a symposium volume available thru the White Mountain Research Station.

Saturday began with an early breakfast and an incredible spread for a make your own Dagwood sandwich' bag lunch. As the four-wheel-drive vehicles lined up for the field trip, it became clear why there was so much interest and discussion; these were all field biologists! This was verified as no less than 25 vehicles pulled out from the Research Station on a trip to the Eureka Dunes. By the time they reached the dunes the numbers had swollen to 150 happy field biologists tromping after Mary Dedecker. There was a side trip up Dedeckera Canyon to visit the original collection site of Dedeckera eurekaensis. There was much to see along the way with many flowers in bloom, lizards to catch and middens to find. Between the limestone endemics on the canyon walls the the plants in the canyon floor, there was a rich flora to see. The discussions continued from the day before and everyones awarness and appreciation for the biological richness of the area was enhanced. Back at the Dunes, there was an amazing transformation as the indominable Field Station cooks prepared to feed 150 hungry people an amazing amount of food in a equally amazing amount of time. After dinner people hiked the dunes for the sunset then set out into the night back to the Field Station.

Sunday was another early start and once again the classroom filled, this time to focus on the Fish Slough in the Owens Valley. The talks were

followed by a 1/2 day field trip to visit the Fish Slough. Another 25 vehicles lined up for this field trip, with 75 people gathered around Wayne Ferren and Jeff Kennedy.

The field orientation of the speakers, the friendly atmosphere among the participants and the high quality of the research made this a fitting tribute to Mary Dedecker. Congratulations to all concerned!

. Nancy Vivrette
Santa Barbara

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DEATH VALLEY FIELD TRIP, continued from page 1.

Several stops on the way to Daylight Pass yielded additional Death Valley bloomers: *Phacelia crenulata*, *Mentzelia reflexa*, *Camissonia brevipes*, *Boerhavia annulata*, *Cryptantha maritima*, *Viguiera reticulata*, *Lupinus sparsiflorus*, *Dalea mollis*, *Lotus humistratus*, *Oligomeris linifolia*, *Xylorhiza tortifolia*, and others.

And on to Ash Meadows for camp and an evening around campfires and smorgy tables while watching Mars sink slowly to the western horizon while spring constellations blazed in the overhead black sky. It was get-acquainted time with our dozen-or-so visitors from around the state.

Daylight Savings Time got us up an hour early for our peek at Devel's HOLE and its pupfish environs. Also nearby were *Mammillaria tetransistra*, *Nemacladus rubescens*, *Erioneuron (Tridens) Pulchellum*, *Amphipappus fremontii*, *Cryptantha racemosa*, *Oxystylis lutea*, *Encelia frutescens*, and most of the regulars, all in bloom. As we left for Ash Meadows a canyon wren gave a cascading song of goodbye for us.

Ash Meadows is a large, flattish area dotted with alkaline meadows and springs. It derives its name from the desert ash, *Fraxinus velutina*, scattered throughout. In Addition, we found *Enceliopsis nudicaulis var. corrugata*, *Ivesia kingii*, *Haplopappus acradenius*, *Iva acerosa*. At Jackrabbit Spings we found *Atriplex parryi*, *Sisyrinchium halophilum*, *Astragalus phoenix* and *Cryptantha confertiflora* around and near a beautiful blue-green pool fed by a strong spring.

The trip ended on our way out to Death Valley Junction with a stop at Carson Slough to see the rare *Nitrophila mohavensis* in the barren salt flats (back in California).

We all agreed that this was a rewarding weekend. I don't remember anyone even mentioning the Racetrack as we left for the long trip home.

. Vince Yoder

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We extend a warm welcome to two new members:

- Bruce Pavlik, Biology Dept., Mills College, Oakland, CA 94613
- Mr. and Mrs. W. C. Effinger, 310 Calle de Collie, Ridgecrest, CA

DEDECKERA CANYON CHECKLIST: There have been requests for a plant list of Dedeckera Canyon. That is a scenic desert canyon, walled by dolomite cliffs, located in the Last Chance Mountains southeast of the Eureka Dunes. It is the type locality of *Dedeckera eurekaensis*.

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
Chaetadelpa 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
viguiera reticulata Golden-eye
Xylorhiza tortifolia Mojave aster

BORAGINACEAE Borage Family

Cryptantha angustifolia Panamint cryptantha
Cryptantha circumscissa Capped forget-me-not
Cryptantha decipiens Gravel forget-me-not
Cryptantha inaequata Darwin cryptantha
Cryptantha nevadensis Nevada cryptantha
Cryptantha pterocarya
 var. *cycloptera* Wing-nut forget-me-not
Cryptantha racemosa Bushy cryptantha
Cryptantha recurvata Curved cryptantha

<i>Cryptantha utahensis</i>	Fragrant forget-me-not
<i>Cryptantha virginensis</i>	Virginia forget-me-not
BRASSICACEAE Mustard Family	
<i>Lepidium fremontii</i>	Bush peppergrass
<i>Lepidium lasiocarpum</i>	Modest peppergrass
<i>Stanleya elata</i>	Prince's plume
CACTACEAE Cactus Family	
<i>Echinocactus polycephalus</i>	Cottontop cactus
<i>Echinocereus engelmannii</i>	Torch cactus, Engelmann cactus
<i>Opuntia basilaris</i>	Beavertail cactus
CARYOPHYLLACEAE Pink Family	
<i>Arenaria macradenia</i>	
var. <i>parishiorum</i>	Green sandwort
<i>Scropulophila rixfordii</i>	Rixfort rockwort
CHENOPODIACEAE Goosefoot or Saltbush Family	
<i>Atriplex canescens</i>	Fourwing saltbush
<i>Atriplex confertifolia</i>	Shadscale
FABACEAE Pea Family	
<i>Astragalus panamintensis</i>	Cliff milk-vetch
<i>Psoralea arborescens</i>	
var. <i>minutifolius</i>	Blister dalea, indigo bush
HYDROPHYLLACEAE Waterleaf or Phacelia Family	
<i>Phacelia crenulata</i>	Purple phacelia
<i>Phacelia fremontii</i>	Yellow-throats
<i>Phacelia perityloides</i>	Cliff phacelia
<i>Phacelia rotundifolia</i>	Round-leaved phacelia
LAMIACEAE Mint Family	
<i>Salvia funerea</i>	Death Valley sage
LOASACEAE Loasa Family	
<i>Eucnide urens</i>	Rock nettle
<i>Mentzelia albicaulis</i>	Little blazing star
<i>Mentzelia oreophila</i>	Inyo blazing star
LOGANIACEAE Logania Family	
<i>Buddleja utahensis</i>	Utah buddleja
MALVACEAE Mallow Family	
<i>Sphaeralcea ambigua</i>	Apricot mallow
NYCTAGINACEAE Four O'Clock Family	
<i>Allonia incarnata</i>	Windmills
<i>Mirabilis bigelovii</i>	Wishbone bush
ONAGRACEAE Evening Primrose Family	
<i>Camissonia claviformis</i>	
ssp. <i>lancifolia</i>	Inyo-Mono yellow primrose
<i>Camissonia walkeri</i>	
ssp. <i>tortilis</i>	Rock primrose

- * Tecate Cypress and other rare Plants in Orange County.
- * Native plant habitat in the Danta Monica and Santa Susanna mountains.
- * Additions to our Redwood State Parks.

At least another \$500 million will go to park, open space and fish and wildlife protection projects throughout California. CNPS decided to devote considerable energy to this project because there is little chance of the legislature providing sufficient resources to the vital habitat preservation projects we all know are necessary to preserve our native plant heritage.

WE NEED YOUR HELP TO MAKE THIS BOND ACT A REALITY

Some time in late June you will receive a petition and a fund appeal for the initiative. Please get as many signatures as possible, and respond to the request for help. Working with many other conservation groups around California we need to gather nearly 600,000 signatures in five months. Then we need to run a campaign which alerts Californians to what could be lost unless the initiative passes.

If you'd like to volunteer now to work on the initiative, please contact Californians for Parks and Wildlife at 909 12th Street, Suite 203, Sacramento, CA 95814, or call campaign headquarters at 916/448-1786. Local coordinators will work with you to gather the signatures we need. Many thanks for your help.

Bob Berka, Vice-President, Legislation, CNPS.

ASSEMBLY BILL 354. Would appropriate from the OFF HIGHWAY VEHICLE FUND (Green Sticker Fund) for allocation of \$5,000,000 to the ACCOUNT TO PAY THE COSTS OF ADMINISTRATION OF THE California Rare and Endangered Species Act and for allocation of an unspecified sum to the State Mandates Claims Fund. The ORV people warn, "THIS BILL CAN PASS" We must see that it does. It was introduced by Assemblyman Jim Costa (Fresno).

WATCH CALIFORNIA WATER BILLS! A test of power.

AB 1710, Jim Costa (D, Fresno) would mandate the construction of a facility to move water across the Delta. It requires the construction of facilities that would result in fisheries destruction. SB 182, supported by PCL Senator Dan Boatwright (D, Contra Costa) would provide new funds for maintaining Delta levees. SB 32 Ruben Ayala (D, San Bernardino) would mandate the immediate development of harmful water development facilities.

SB 34, also by Ayala, would prohibit the State Water Board from providing interim protection for San Francisco Bay.

It would be encouraging to see some really good bills introduced. When it comes to water though, it is evident that it does not bring out the best in the political arena.

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.

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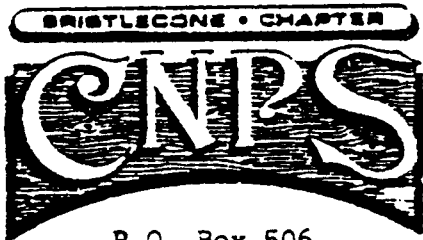
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| _____ Individual or Library | 18 | Please make check payable to: |
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GIFT contribution: Where most needed _____ Conservation _____

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California Native Plant Society



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