



CALIFORNIA NATIVE PLANT SOCIETY  
*San Diego Chapter Newsletter*

APRIL 2007

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**PREZ SEZ**

Welcome to April! Most of you probably want to know where the wildflowers are blooming? Hopefully Tom Chester will post a message to the listserve soon and let us know some of the local blooming hotspots. If you're not on the listserve – you can sign up through our website. Also – the last issue of the state CNPS newsletter included some wildflower hot-spots throughout the state. Another way to get current information on what's blooming is the message board on the state website – just visit [www.cnps.org](http://www.cnps.org), click on 'message board', it's divided into four categories including one for 'great wildflower hotspots', you can view the posts without subscribing. Please remember to stay on the trail and do not collect plants or seeds from the wild.

If you need to know where to buy wildflower seeds – visit our website, we list sources of seeds and plants under 'gardening with native plants.' You can also buy wildflower seeds for your yard at any of our monthly meetings and, of course, at our fall plant sale.

Some good news to report is that the toll road which could ruin San Onofre State park, many vernal pools, and populations of the wildflower thread-leaved brodiaea (an endangered wildflower) has been delayed by two years! Consider this a partial victory for conservationists and do continue your support for the many groups that want to stop the toll road. Hopefully the delay will result in complete abandonment of this awful project; for more information visit [www.savesanonofre.com](http://www.savesanonofre.com).

Hope to see you out on the local trails!

Carolyn

**SPRING PLANT SALE UP NORTH**

**SEE PAGE 6**

**APRIL MEETING PROGRAM**

**THE SAN DIEGO RIVER  
LAKESIDE RESTORATION PROJECT**

an integrated approach to Restoration  
by Robin Rierdan  
Executive Director  
Lakeside River Park Conservancy

Lakeside's River Park Conservancy (Conservancy) has embarked on an ambitious 100 acre restoration project along the San Diego River, which includes many sort of restoration types. A variety of habitats will be created and restored, including emergent wetlands, riparian, coastal sage and a mix of grasslands. Flood control and water quality are also integral to the project. Phase one has been completed and when phase two begins, Caltrans will come and remove 500,000 cubic yards of fill to allow the Conservancy to create a seasonal wetland in the void. Robin Rierdan will describe the project in detail.

**CALENDAR**

**Apr 11 (2nd Wed) CHAPTER BOARD MEETING**, 6:30-8:30 p.m., Tecolote Nature Center. Take the Sea World Drive/Tecolote exit from I-5. Proceed east until the road ends at the Tecolote Nature Center. Board Members, please e-mail Carolyn Martus if you are unable to attend. Members are always welcome at the board meetings, please RSVP.

**Apr 17 (3rd Tue) CHAPTER MEETING & PROGRAM** Meeting at 7:00 p.m., Program at 7:30 p.m., Room 104, Casa del Prado, Balboa Park.

**May 9 (2nd Wed) CHAPTER BOARD MEETING**

**May 15 (3rd Tue) CHAPTER MEETING & PROGRAM** Innovative Irrigation Systems for Native Plant Restoration

## **PROPAGATION DAY**

Sat. April 21 9am – 12pm at Recon's Native Plant Nursery  
**CNPS members only** are invited to come and learn about native plant propagation, to help get plants ready for our fall plant sale on Saturday October 13, and to learn what is involved with being a plant caretakers through the summer.

RSVP to [plantsale@cnpsd.org](mailto:plantsale@cnpsd.org), include how many will be attending the workshop and if you can care for plants at your house over the summer.

Wear closed toed shoes, hat and comfortable clothes. Bring a pen/pencil and paper if you want to take notes. If you're not yet a member or need to renew you can join on-line at [www.cnps.org](http://www.cnps.org) or at the event, just remember to bring your checkbook.

## **FALL PLANT SALE**

Fall Plant Sale, Saturday October 13 in the Casa del Prado Courtyard at Balboa Park, mark your calendars and tell all your friends!

We need a few volunteers to help coordinate the sale. These duties include soliciting donations for food, publicity (marketing), and other important administrative duties that need to be done in advance. If you're interesting in helping the behind the scenes effort and working on this fall's plant sale, drop an e-mail to [plantsale@cnpsd.org](mailto:plantsale@cnpsd.org) – no plant experience necessary.

Seed sales: The seed team coordinates the seeds sales; this includes ordering, collecting, drying and packaging all our seeds.

Plant propagation: Are you interested in growing plants for the sale? Do you have some plants at home you can pot up and donate for the sale?

If you want to help out with the fall plant sale, drop us an e-mail at [plantsale@cnpsd.org](mailto:plantsale@cnpsd.org).

## **SCHOOL GRANTS AVAILABLE**

California Department of Education (CDE) will award \$15 million for funding grants to promote, create, and support California instructional school gardens.

The grants will complement a school's academic program and create opportunities for children to participate more successfully

Public schools with fewer than 1,000 students can receive \$2,500, and over 1,000 students can receive \$5,000. School sites must submit applications via their school districts.

See [www.creec.org/region9a](http://www.creec.org/region9a) for information

## **SPRING PLANT SALE COORD.**

We need a volunteer to take on the responsibility of coordinating and organizing our spring plant sale at the Tree of Life Nursery in San Juan Capistrano.

This volunteer(s) works directly with the staff at TOLN to set the date, advertise the sale, and recruit volunteers to help at the sale. TOLN provides all the plants and their staff on sale day. It's a great opportunity for someone (or 2-3 people) interested in native plant horticulture.

The sale is usually scheduled for a Saturday in February or March and requires planning six months in advance. Send an e-mail to [info@cnpsd.org](mailto:info@cnpsd.org) or contact any board member if you're interested.

## **CONSERVATION CHAIR and COMMITTEE MEMBERS**

Members needed: As many of you know we cannot just expect conservation to happen on its own free will. It would be nice if everyone just followed all the rules and regulations and surveyed and accurately reported all threatened and endangered plants that occurred on their property.

As volunteers, one of our most important responsibilities is to be involved in protecting our natural resources. If you're interested in being on the CNPS San Diego Conservation Committee – please e-mail [conservation@cnpsd.org](mailto:conservation@cnpsd.org).

The Conservation Committee reviews development projects throughout San Diego County to ensure that environmental rules and regulations concerning native plant habitats are followed. We have a team of volunteers that works to review environmental documents (such as EIRs and EISs), write comment letters, attend public hearings, or meet with public officials and resource managers.

We are in the process of designating a bi-monthly meeting schedule. Committee meetings would be held on a weeknight evening and the location could rotate around the county. Committee members would have responsibilities to fulfill such as reviewing environmental documents, conducting surveys, or attending public hearings.

# CNPS RARE AND ENDANGERED PLANT INVENTORY CHANGES

About a year ago, CNPS announced changes to the ranking system used within the Inventory of Rare and Endangered Plants. While information regarding these changes and current rank for CNPS list plants is available on the web, the new ranking system is only just coming into use. For those who are not familiar with the new system, we are summarizing these changes and show how these changes have affected our Orange County sensitive plants species. The last published version of the Inventory was released in 2001, and in that publication each species was assigned what has been called the "R-E-D" code, Rarity, Endangerment, and Distribution. Under each category, a value of 1-3 was listed denoting certain characteristics within each category as summarized below:

## R - Rarity

- 1 – Rare, but found in sufficient numbers and distributed widely enough that the potential for extinction is low at this time.
- 2 – Distributed in a limited number of occurrences, occasionally more if each occurrence is small.
- 3 – Distributed in one to several highly restricted occurrences, or present in such small numbers that it is seldom reported.

## E - Endangerment

- 1 – Not very endangered in California.
- 2 – Fairly endangered in California.
- 3 – Seriously endangered in California.

## D - Distribution

- 1 – More or less widespread outside California.
- 2 – Rare outside California.
- 3 – Endemic to California.

While the standard rankings of List 1A, 1B, 2, 3, and 4 were widely used, the R-E-D code often received less attention. Under the new system, the R-E-D code has been abandoned. Instead, the Inventory uses a simplified system that conveys much of the same information. A code extension now replaces the endangered portion of the R-E-D code. This is the Threat extension. The extension is added to the List rank following a decimal point, for example List 2.2 or List 1B.1. The codes are defined as follows:

- 1 - Seriously endangered in California.
- 2 – Fairly endangered in California.
- 3 – Not very endangered in California.

List 1A (presumed extinct in California) and some List 3 (need more information- a review list) are not given extensions at this time due to lack of threat information. Other factors, such as habitat vulnerability and specificity, distribution, and condition of occurrences are also considered in setting the Threat Code. Other elements of the R-E-D code will appear in the California Native Natural Diversity Database but these codes will not appear in the Inventory. CNPS has elected to use State Rank and Global Rank in their place. If you are interested in reading more about the revised species rankings or other details regarding distribution and natural habitat, check out the "7th Edition" Online Inventory is at [//cnps.web.aplus.net/cgi-bin/inv/inventory.cgi](http://cnps.web.aplus.net/cgi-bin/inv/inventory.cgi). It can also be accessed via the CNPS website ([www.cnps.org](http://www.cnps.org)).

The advantage of this new system is that it is easier to remember and work with than the old R-E-D code. The reviewer instantly knows one additional piece of information simply by looking at the threat extension. However, the system is new, and local experts have generally not had the opportunity to fully review it. Most threat extensions appear to be correct but a few should probably be modified. For example, Coulter's saltbush (CNPS 1B.2) and mud nama (CNPS 2.2) may be more appropriately treated as "high risk" species (CNPS 1B.1 and CNPS 2.1 respectively). In both species, the overall extant populations are limited and significantly threatened. On the other hand, southwestern spiny rush (CNPS 4.2), considering its association with protected wetlands and its broad distribution in coastal southern California, might better be considered a species of low risk (CNPS 4.3). It should be noted that Jennifer's pennyroyal (*Monardella stoneana*) and San Bernardino aster (*Aster defoliatus* or *Symphotrichum defoliatum*) has been added to the Inventory since the Sixth Edition was published.

-Fred Roberts, Rare Plant Coordinator

Please note: In the lists on next two pages, the occasional line with only an orphan entry such as 'List 2,1' is the remaining last few characters from the preceding line (which is too long for the column width allowed).

- Abronia maritima*, red sand-verbena, List 4.2  
*Abronia villosa* var. *aurita*, chaparral sand-verbena, List 1B.1  
*Acanthomintha ilicifolia*, San Diego thorn-mint, List 1B.1  
*Achnatherum diegoense*, San Diego County needle grass, List 4.2  
*Adolphia californica*, California adolphia, List 2.1  
*Agave shawii*, Shaw's agave, List 2.1  
*Allium parishii*, Parish's onion, List 4.3  
*Ambrosia chenopodiifolia*, San Diego bur-sage, List 2.1  
*Ambrosia pumila*, San Diego ambrosia, List 1B.1  
*Androsace elongata* ssp. *acuta*, California androsace, List 4.2  
*Aphanisma blitoides*, aphanisma, List 1B.2  
*Arabis hirshbergiae*, Hirshberg's rock cress, List 1B.2  
*Arctostaphylos glandulosa* ssp. *crassifolia*, Del Mar manzanita, List 1B.1  
*Arctostaphylos otayensis*, Otay manzanita, List 1B.2  
*Arctostaphylos rainbowensis*, Rainbow manzanita, 1B.1  
*Artemisia palmeri*, San Diego sagewort, List 4.2  
*Asplenium vespertinum*, western spleenwort, List 4.2  
*Aster* [*Symphyotrichum*] *defoliatum*, San Bernardino aster, List 1B.2  
*Astragalus crotalariae*, Salton milk-vetch, List 4.3  
*Astragalus deanei*, Dean's milk-vetch, List 1B.1  
*Astragalus douglasii* var. *perstrictus*, Jacumba milk-vetch, List 1B.2  
*Astragalus insularis* var. *harwoodii*, Harwood's milk-vetch, List 2.2  
*Astragalus lentiginosus* var. *borreganus*, Borrego milk-vetch, List 4.3  
*Astragalus oocarpus*, San Diego milk-vetch, List 1B.2  
*Astragalus pachypus* var. *jaegeri*, Jaeger's milk-vetch, List 1B.1  
*Atriplex coulteri*, Coulter's saltbush, List 1B.2  
*Atriplex davidsonii* [*A. serenana* var. *davidsonii*], Davidson's saltscale, List 1B.2  
*Atriplex pacifica*, South Coast saltscale, List 1B.1  
*Ayenia compacta*, ayenia, List 2.3  
*Azolla mexicana*, Mexican mosquito fern, List 4.2  
*Baccharis vanessae*, Encinitas baccharis, List 1B.1  
*Berberis fremontii*, Fremont barberry, List 3  
*Berberis nevinii*, Nevin's barberry, List 1B.1  
*Bergerocactus emoryi*, golden-spined cereus, List 2.2  
*Brodiaea filifolia*, thread-leaved brodiaea, List 1B.1  
*Brodiaea orcuttii*, Orcutt's brodiaea, List 1B.1  
*Bursera microphylla*, elephant tree, List 2.3  
*Calandrinia breweri*, Brewer's calandrinia, List 4.2  
*Calandrinia maritima*, seaside calandrinia, List 4.2  
*California microphylla* [*Erodium macrophyllum*], round-leaved filaree, List 2.1  
*Calliandra eriophylla*, fairyduster, List 2.3  
*Calochortus dunnii*, Dunn's mariposa lily, List 1B.2  
*Camissonia lewisii*, Lewis's evening-primrose, List 3  
*Carex obispoensis*, San Luis Obispo sedge, List 1B.2  
*Carlowrightia arizonica*, Arizona carlowrightia, List 2.2  
*Castilleja lasiorhyncha*, San Bernardino Mountains owl's-clover, List 1B.2  
*Caulanthus simulans*, Payson's jewel-flower, List 4.2  
*Ceanothus cyaneus*, Lakeside ceanothus, List 1B.2  
*Ceanothus otayensis*, Otay Mountain ceanothus, List 1B.2  
*Ceanothus verrucosus*, wart-stemmed ceanothus, List 2.2  
*Centromadia parryi* ssp. *australis*, southern tarplant, List 1B.1  
*Centromadia pungens* ssp. *laevis*, smooth tarplant, List 1B.1  
*Chaenactis carphoclinia* var. *peirsonii*, Peirson's pincushion, List 1B.3  
*Chaenactis glabriuscula* var. *orcuttiana*, Orcutt's pincushion, List 1B.1  
*Chaenactis parishii*, Parish's chaenactis, List 1B.3  
*Chamaebatia australis*, southern mountain misery, List 4.2  
*Chamaesyce arizonica*, Arizona spurge, List 2.3  
*Chamaesyce platysperma*, flat-seeded spurge, List 1B.2  
*Chamaesyce revoluta*, revolute spurge, List 4.3  
*Chorizanthe leptotheca*, Peninsular spineflower, List 4.2  
*Chorizanthe orcuttiana*, Orcutt's spineflower, List 1B.1  
*Chorizanthe polygonoides* var. *longispina*, long-spined spineflower, List 1B.2  
*Clarkia delicata*, delicate clarkia, List 1B.2  
*Colubrina californica*, Las Animas colubrina, List 2.3  
*Comarostaphylis diversifolia* ssp. *diversifolia*, summer holly, List 1B.2  
*Convolvulus simulans*, small-flowered morning-glory, List 4.2  
*Cordylanthus maritimus* ssp. *maritimus*, salt marsh bird's-beak, List 1B.2  
*Cordylanthus orcuttianus*, Orcutt's bird's-beak, List 2.1  
*Coreopsis maritima*, sea dahlia, List 2.2  
*Corethrogyne filaginifolia* var. *incana*, San Diego sand aster, List 1B.1  
*Corethrogyne filaginifolia* var. *linifolia*, Del Mar Mesa sand aster, List 1B.1  
*Cryptantha costata*, ribbed cryptantha, List 4.3  
*Cryptantha ganderi*, Gander's cryptantha, List 1B.1  
*Cryptantha holoptera*, winged cryptantha, List 4.3  
*Cupressus forbesii*, Tecate cypress, List 1B.1  
*Cupressus stephensonii*, Cuyamaca cypress, List 1B.1  
*Cylindropuntia* [*Opuntia*] *californica* var. *californica*, snake cholla, List 1B.1  
*Cylindropuntia* [*Opuntia*] *wolfii*, Wolf's cholla, List 4.3  
*Cynanchum utahense*, Utah vine milkweed, List 4.3  
*Deinandra conjugens*, Otay tarplant, List 1B.1  
*Deinandra floribunda*, Tecate tarplant, List 1B.2  
*Deinandra mohavensis*, Mojave tarplant, List 1B.3  
*Deinandra paniculata*, paniculate tarplant, List 4.2  
*Delphinium hesperium* ssp. *cuyamaca*, Cuyamaca larkspur, List 1B.2  
*Delphinium parishii* ssp. *subglobosum*, Colorado Desert larkspur, List 4.3  
*Dichondra occidentalis*, western dichondra, List 4.2  
*Digitaria californica*, Arizona cottontop, List 2.3  
*Ditaxis serrata* var. *californica*, California ditaxis, List 3.2  
*Downingia concolor* var. *brevior*, Cuyamaca Lake downingia, List 1B.1  
*Dudleya alainae*, Banner dudleya, List 3.2  
*Dudleya attenuata* ssp. *orcuttii*, Orcutt's dudleya, List 2.1  
*Dudleya blochmaniae* ssp. *blochmaniae*, Blochman's dudleya, List 1B.1  
*Dudleya brevifolia*, short-leaved dudleya, List 1B.1  
*Dudleya multicaulis*, many-stemmed dudleya, List 1B.2  
*Dudleya variegata*, variegated dudleya, List 1B.2  
*Dudleya viscida*, sticky dudleya, List 1B.2  
*Ericameria cuneata* var. *macrocephala*, Laguna Mountains goldenbush, List 1B.3  
*Ericameria palmeri* ssp. *palmeri*, Palmer's goldenbush, List 2.2  
*Eriogonum foliosum*, leafy buckwheat, List 1B.2  
*Eryngium aristulatum* var. *parishii*, San Diego button-celery, List 1B.1  
*Eryngium pendletonensis*, Pendleton button-celery, List 1B.1  
*Eucnide rupestris*, rock nettle, List 2.2  
*Euphorbia misera*, cliff spurge, List 2.2  
*Ferocactus viridescens*, San Diego barrel cactus, List 2.1  
*Frankenia palmeri*, Palmer's frankenia, List 2.1  
*Fremontodendron mexicanum*, Mexican flannelbush, List 1B.1  
*Galium angustifolium* ssp. *borregoense*, Borrego bedstraw, List 1B.3  
*Geraea viscida*, sticky geraea, List 2.3  
*Githopsis diffusa* ssp. *filicaulis*, Mission Canyon bluecup, List 3.1  
*Grindelia hirsutula* var. *hallii*, San Diego gumplant, List 1B.2

- Harpagonella palmeri*, Palmer's grapplinghook, List 4.2  
*Hazardia orcuttii*, Orcutt's hazardia, List 1B.1  
*Herissantia crispa*, curly herissantia, List 2.3  
*Heuchera brevistaminea*, Laguna Mountains alumroot, List 1B.3  
*Heuchera rubescens* var. *versicolor*, San Diego County alumroot, List 2.3  
*Holocarpha virgata* ssp. *elongata*, graceful tarplant, List 4.2  
*Hordeum intercedens*, vernal barley, List 3.2  
*Horkelia truncata*, Ramona horkelia, List 1B.3  
*Horsfordia newberryi*, Newberry's velvet-mallow, List 4.3  
*Hulsea californica*, San Diego sunflower, List 1B.3  
*Hulsea mexicana*, Mexican hulsea Asteraceae, List 2.3  
*Hulsea vestita* ssp. *callicarpa*, beautiful hulsea, List 4.2  
*Hymenothrix wrightii*, Wright's hymenothrix, List 4.3  
*Ipomopsis tenuifolia*, slender-leaved ipomopsis, List 2.3  
*Isonoma menziesii* var. *decumbens*, decumbent goldenbush, List 1B.2  
*Iva hayesiana*, San Diego marsh-elder, List 2.2  
*Juglans californica*, Southern California black walnut, List 4.2  
*Juncus acutus* subsp. *leopoldii*, southwestern spiny rush, List 4.2  
*Juncus cooperi*, Cooper's rush, List 4.3  
*Lasthenia glabrata* ssp. *coulteri*, Coulter's goldfields, List 1B.1  
*Lathyrus splendens*, pride-of-California, List 4.3  
*Lepechinia cardiophylla*, heart-leaved pitcher sage, List 1B.2  
*Lepechinia ganderi*, Gander's pitcher sage, List 1B.3  
*Lepidium flavum* var. *felipense*, Borrego Valley pepper-grass, List 1B.2  
*Lepidium virginicum* var. *robinsonii*, Robinson's pepper-grass, List 1B.2  
*Leptosiphon floribundus* subsp. *hallii*, Santa Rosa Mountains leptosiphon, List 1B.3  
*Lessingia glandulifera* var. *tomentosa*, Warner Springs lessingia, List 1B.3  
*Lewisia brachycalyx*, short-sepaled lewisia, List 2.2  
*Lilium humboldtii* subsp. *ocellatum*, ocellated Humboldt lily, List 4.2  
*Lilium parryi*, lemon lily, List 1B.2  
*Limnanthes gracilis* subsp. *parishii*, Parish's meadowfoam, List 1B.2  
*Linanthus bellus* desert beauty, List 2.3  
*Linanthus orcuttii*, Orcutt's linanthus, List 1B.3  
*Lotus crassifolius* var. *otayensis*, Otay Mountain lotus, List 1B.1  
*Lotus nuttallianus*, Nuttall's lotus, List 1B.1  
*Lotus haydonii*, pygmy lotus, List 1B.3  
*Lupinus excubitus* var. *medius*, Mountain Springs bush lupine, List 1B.3  
*Lycium californicum*, California box-thorn, List 4.2  
*Lycium parishii*, Parish's desert-thorn, List 2.3  
*Lyrocarpa coulteri* var. *palmeri*, Coulter's lyrepod, List 4.3  
*Machaeranthera asteroides* var. *lagunensis*, Mount Laguna aster, List 2.1  
*Machaeranthera juncea*, rush-like bristleweed, List 4.3  
*Malperia tenuis*, brown turbans, List 2.3  
*Matelea parvifolia*, spearleaf, List 2.3  
*Mentzelia hirsutissima*, hairy stickleaf, List 2.3  
*Mentzelia tridentata*, creamy blazing star, List 1B.3  
*Microseris douglasii* ssp. *platycarpa*, small-flowered microseris, List .2  
*Mimulus aridus*, low bush monkeyflower, List 4.3  
*Mimulus clevelandii*, Cleveland's bush monkeyflower, List 4.2  
*Mimulus diffusus*, Palomar monkeyflower, List 4.3  
*Mirabilis tenuiloba*, slender-lobed four o'clock, List 4.3  
*Monardella hypoleuca* ssp. *lanata*, felt-leaved monardella, List 1B.2  
*Monardella macrantha* ssp. *hallii*, Hall's monardella, List 1B.3  
*Monardella nana* ssp. *leptosiphon*, San Felipe monardella, List 1B.2  
*Monardella stoneana*, Jennifer's monardella, List 1B.2  
*Monardella viminea*, willowy monardella, List 1B.1  
*Mucronea californica*, California spineflower, List 4.2  
*Muilla clevelandii*, San Diego goldenstar, List 1B.1  
*Myosurus minimus* ssp. *apus*, little mousetail, List 3.1  
*Nama stenocarpum*, mud nama, List 2.2  
*Navarretia fossalis*, spreading navarretia, List 1B.1  
*Navarretia peninsularis*, Baja navarretia, List 1B.2  
*Navarretia prostrata*, prostrate navarretia, List 1B.1  
*Nemacaulis denudata* var. *denudata*, coast woolly-heads, List 1B.2  
*Nemacaulis denudata* var. *gracilis*, slender woolly-heads, List 2.2  
*Nolina cismontana*, chaparral nolina, List 1B.2  
*Nolina interrata*, Dehesa nolina, List 1B.1  
*Ophioglossum californicum*, California adder's-tongue, List 4.2  
*Orcuttia californica*, California Orcutt grass, List 1B.1  
*Ornithostaphylos oppositifolia*, Baja California birdbush, List 2.1  
*Orobanche parishii* ssp. *brachyloba*, short-lobed broomrape, List 4.2  
*Penstemon clevelandii* var. *connatus*, San Jacinto beardtongue, List 4.3  
*Penstemon thurberi*, Thurber's beardtongue, List 4.2  
*Pentachaeta aurea*, golden-rayed pentachaeta, List 4.2  
*Phacelia stellaris*, Brand's phacelia, List 1B.1  
*Pilostyles thurberi*, Thurber's pilostyles, List 4.3  
*Pinus torreyana* ssp. *torreyana*, Torrey pine, List 1B.2  
*Piperia cooperi*, chaparral rein orchid, List 4.2  
*Piperia leptopetala*, narrow-petaled rein orchid, List 4.3  
*Poa atropurpurea*, San Bernardino blue grass, List 1B.2  
*Pogogyne abramsii*, San Diego mesa mint, List 1B.1  
*Pogogyne nudiuscula*, Otay Mesa mint, List 1B.1  
*Polygala cornuta* var. *fishiae*, Fish's milkwort, List 4.3  
*Proboscidea althaeifolia*, desert unicorn-plant, List 4.3  
*Quercus cedrosensis*, Cedros Island oak, List 2.2  
*Quercus dumosa*, Nuttall's scrub oak, List 1B.1  
*Quercus engelmannii*, Engelmann oak, List 4.2  
*Rhus trilobata* var. *simplicifolia*, single-leaved skunkbrush, List 2.3  
*Ribes canthariforme*, Moreno currant, List 1B.3  
*Ribes viburnifolium*, Santa Catalina Island currant, List 1B.2  
*Romneya coulteri*, Coulter's matilija poppy, List 4.2  
*Rosa minutifolia*, small-leaved rose, List 2.1  
*Rubus glaucifolius* var. *ganderi*, Cuyamaca raspberry, List 1B.3  
*Rupertia rigida*, Parish's rupertia, List 4.3  
*Saltugilia caruifolia*, caraway-leaved woodland-gilia, List 4.3  
*Salvia eremostachya*, desert sage, List 4.3  
*Salvia munzii*, Munz's sage, List 2.2  
*Satureja chandleri*, San Miguel savory, List 1B.2  
*Scutellaria bolanderi* ssp. *austromontana*, southern skullcap, List 1B.2  
*Selaginella asprella*, bluish spike-moss, List 4.3  
*Selaginella eremophila*, desert spike-moss, List 2.2  
*Senecio aphanactis*, rayless ragwort, List 2.2  
*Senecio ganderi*, Gander's ragwort Asteraceae, List 1B.2  
*Senna covesii*, Coves' cassia, List 2.2  
*Sibaropsis hammittii*, Hammitt's clay-crest, List 1B.2  
*Sidalcea neomexicana*, salt spring checkerbloom, List 2.2  
*Spermolepis echinata*, bristly scaleseed, List 2.3  
*Stemodia durantifolia*, purple stemodia, List 2.1  
*Streptanthus bernardinus*, Laguna Mountains jewel-flower, List 4.3  
*Streptanthus campestris*, southern jewel-flower, List 1B.3  
*Suaeda esteroa*, estuary seablite, List 1B.2  
*Suaeda taxifolia*, woolly seablite, List 4.2  
*Tetracoccus dioicus*, Parry's tetracoccus, List 1B.2  
*Thermopsis californica* var. *semota*, velvety false lupine, List 1B.2  
*Viguiera laciniata*, San Diego County viguiera, List 4.2  
*Viola aurea*, golden violet, List 2.2  
*Xylorhiza orcuttii*, Orcutt's woody-aster, List 1B.2

# Spring Native Plant Sale

Saturday March 31  
9 AM – 4 PM

At the beautiful **Tree of Life Nursery** , just north of San Diego

33201 Ortega Highway, San Juan Capistrano, CA

7 miles east of San Juan Capistrano on Ortega Highway (Highway 74)

Enter at the green gate on the north side of the highway,

For more information, contact Tree of Life Nursery

[www.treeoflifenuresery.com](http://www.treeoflifenuresery.com), or 949-728-0685

**Books, posters, seeds and free advice will be available.**

## Free Talk at 11:00 am: “Native Plants for Containers”

**Mike Evans**, co-owner of the nursery will discuss some design basics, selection guidelines, and maintenance requirements. After his talk, make your own “Habitat in Miniature” for a \$20 fee

## Free Talk at 2:00 pm: “Maintenance tips for Home Gardeners”

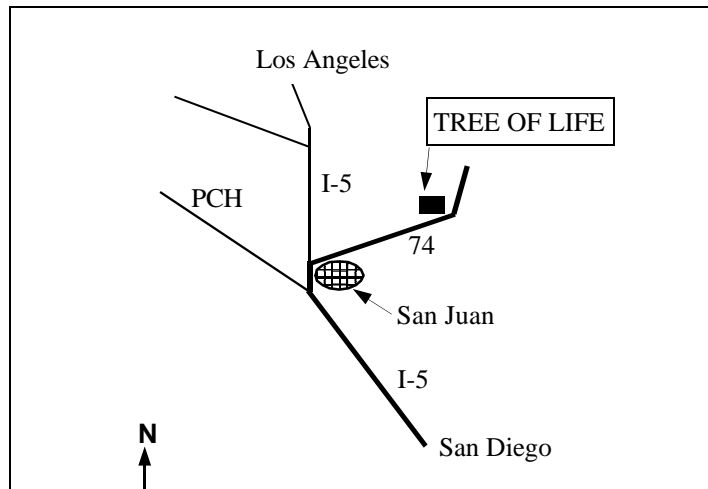
**Dan Songster**, Orange Cty Chapter, will will help you keep your gardens looking their best with practical advice. To learn right now about plants that are good for containers, see TOL website Sage Advice page and select Native Plants for Containers,

CNPS members will be available to help you choose plants  
and give free native plant gardening advice.

some of the proceeds benefit the Orange County Chapter of the  
California Native Plant Society.

[dsongster@gwc.cccd.org](mailto:dsongster@gwc.cccd.org)

[www.occnps.org](http://www.occnps.org)



## FIELD TRIPS

### GENERAL NOTES

- \* Heavy rain cancels all field trips.
- \* Wear sturdy shoes, bring water, sunscreen, etc.
- \* Unless noted, trips are open to both public & members

With the late rains, we may still have a decent spring. There's an opportunity to get out and enjoy the spring blooms every weekend, with basic and some more in-depth field trips:

#### **Sunday, April 8, 9 a.m. - 1 p.m. Torrey Pines Extension** ➔ **OPEN ONLY TO CNPS MEMBERS**

Join photographer and author Margaret Fillius on a visit to a less-traveled portion of our favorite State Park. San Diego sea-dahlia, warty-stemmed ceanothus, and Del Mar manzanita are likely to be in bloom.

No food is allowed in the Reserve, but beverages are OK. Bring Easter eggs or other snacks if you'd like to lunch at the beach afterwards. No admission charge.

Directions: Exit I-5 at Carmel Valley Rd, turn right on Del Mar Scenic Way to the cul-de-sac (Thomas Guide 1207 H-1).

**Sat., Apr 14, 10 a.m. - noon. Del Rey Canyon, Chula Vista**  
An introductory walk led by Betsy Cory and Dave Flietner. Bring a friend! Meet in parking lot behind Paseo del Rey Church, 900 Paseo del Rey (TG 1310 H-7).

Directions: Exit I-805, go east on H Street, right on Paseo del Rey to corner of East J (lot is on left).

**Saturday, April 21, 10 a.m. – noon. Mount Soledad**  
Free and open to the public.

Learn about common native and invasive plants with Arne Johanson and Julie Kircher. Bring a friend! (TG 1227 J-7).

Directions: Take SR-52 or I-5 to La Jolla Pkwy, left on Hidden Valley Rd, right on Via Capri, left on Soledad Rd, left into park and immediately left into first lot.

**Saturday, April 28, 10 a.m. – 1 p.m. Goodan Ranch**  
**Open only to CNPS/ Friends of Goodan Ranch,**  
**applications for both will be available.**

Join Phoenix Von Hendy and Brenda McMillan for oak groves, native grasses, wildflowers, and a Native American grinding station.

Directions: From I-15 exit Poway Rd east through town, turn right at Garden Rd (light); right at Sycamore Canyon Rd until it ends, at Goodan Ranch (TG 1191 C-6).

Dave Flietner  
Field Trip Chair

Copy submissions are due by the first of the month prior to month of publication. (for example, copy for inclusion in the July issue must be received by June 1).

Send copy submittals to: [newsletter@cnpsd.org](mailto:newsletter@cnpsd.org)

## OUTREACH COMMITTEE

The Outreach Committee had fun at the 22nd Annual San Diego Home & Garden Show at the Del Mar Fairgrounds, Friday March 2nd through Sunday, March 4th. We talked a lot of people and handed out a lot of good information. We were able to extol the virtues of our natives for their beauty, variety, drought tolerance, and limited maintenance requirements.

Many stopped to visit after seeing the native plants donated by Tree of Life nursery. It was amazing how many people wanted to buy them. But we would simple say: "They're not for sale BUT you can have one free with a new membership."

It was also an opportunity to walk around the show grounds and visit with some of the over 500 other exhibitors. This is an excellent volunteer opportunity and we have lots of open positions on the Outreach Committee for anyone who wants to increase the interest of your neighbors in the virtues of native plants. Not experience is necessary!

Many thanks to Dave Flietner and to David Maung for their invaluable assistance. And boy did the wind on Saturday test the structure of our information booth. It held up in the teeth of almost gale force winds!

We are able to welcome the following new members because of the committee's efforts over the weekend: Richard & Mary Borevitz, Ann M Forseth-Smith, Karen Hutchinson, Linda Ardelle Smith, Trevor Williamson, Elaine Villanova and Espino & Everett Mehner.

The Outreach Committee does want your input and your assistance in promoting CNPS, getting people to consider native plants, and grow our membership. If you'd like to help or have suggestions, contact Alan Bennett (619) 955-3275 or [alanbennett@hotmail.com](mailto:alanbennett@hotmail.com).

### Neighborhood Canyon Walks

Betsy Cory and Alan Bennett kicked off the CNPS SD "Neighborhood Canyon Walks" at Rice Canyon in Chula Vista, Sat March 10. We had a great cross-section of people from across all age groups (3 to 63), women and men. Even a dog (leashed) trailed along. We took a "moderate" walk along the nature reserve's pathway for about 1 1/2 hours and a little over one mile length, identifying mainly native plants and some obnoxious invasives. The weather was just right and the companions very enjoyable. New members are welcome to come out and learn more about our native plants in our neighboring canyons.

For more information, check the CNPSSD website.

Alan Bennett

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CNPS, 2707 K Street Ste. 1; Sacramento, CA 95816

## Dedicated to the Preservation of the Native Flora

The California Native Plant Society is a statewide non-profit organization of amateurs and professionals with a common interest in California's native plants. 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. Membership is open to all.

Membership includes informative publications, free field trips and monthly programs and discounts on books and posters. Also included are *Fremontia*, a quarterly journal with articles on all aspects of native plants, the *Bulletin*, a quarterly statewide report of activities and schedules, and the chapter newsletter. Please call the membership chairperson for more information.

## CALIFORNIA NATIVE PLANT SOCIETY

### SAN DIEGO CHAPTER

c/o San Diego Natural History Museum  
P. O. Box 121390  
San Diego, CA 92112-1390



## CHAPTER BOARD MEMBERS AND COMMITTEE CHAIRPERSONS APRIL 2007

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Open positions include CALENDAR, CONSERVATION, EDUCATION and HORTICULTURE, please contact any board member if interested in any of these positions

NOTE: For mailing label issues contact Jim Harrison at [newsletter@cnpsd.org](mailto:newsletter@cnpsd.org) or (858) 273-5242