I've been pondering the concept of invasive California native plants. I grabbed onto this idea at a recent SoCalHort program where a respected California native plant horticulturist was chided for suggesting purple three-awn (Aristida purpurea) for use in the home garden. The criticism was that this grass would come up everywhere and be a “problem.” I and others thought that this perceived invasiveness was a definite plus; we won the plant in the raffle and took it home to invade the west San Fernando Valley. So to carry this idea a little further, I've been making a list of useful invasive California native plants – no, I'm not suggesting invading the wildlands or exporting to non-California locales but to the urban SoCal non-wilderness - plants that might set seed and spread to empty lots or unused back yards or parking strips. Successful invaders in my own garden include purple needle grass, California fuchsia, Hooker's evening primrose, chaparral mallow, and milkweed. These pop up all over my yard, and I love them for it. I hope that they are doing this beyond my property line. Is this guerrilla gardening? Yes, but it is also partial payback for Mexican fan palms, pennisetum, lantana, and ice plant. Annuals such as California poppy and elegant clarkia can be excellent “invaders” aka reseeders. So come to our Chapter plant sale Oct. 25 & 26, buy plants and seed, put them in the ground and spread the native plant wealth.

On another front, the Santa Monica Mountains Conservancy officially turned over stewardship of the 83-acre Malibu Bluffs Park to the City of Malibu in trade for the 532-acre Charmlee Wilderness Park. This happened quietly in mid-June with little or no fanfare. The goal is to put eight campsites on the Charmlee property; the City of Malibu in trade for the 532-acre Charmlee Wilderness Park. The Charmlee property on Malibu Coast Road is in invasive ice plant complete with an irrigation system. Our Chapter will also being encroached upon by neighboring property owners who have done draconian brush clearance there and also planted several acres of coastal sage scrub and native grassland at the Bluffs into soccer and baseball fields. Note that our tax dollars purchased the Bluffs property as open, natural space – not for ball fields – and coastal sage scrub is widely regarded as an endangered habitat along our coast. The Bluffs property on Malibu Coast Road is also being encroached upon by neighboring property owners who have done draconian brush clearance there and also planted several acres of invasive ice plant complete with an irrigation system. Our Chapter will try to get these issues mitigated through the City of Malibu; if you are a Malibu resident, I urge you to ask that City to do a better job of wildland management at the Bluffs.

UPCOMING PROGRAMS of the Los Angeles/Santa Monica Mountains Chapter

SEPTEMBER 9, 2014 – 7:30 - 9:30PM
SEPVULVEDA GARDEN CENTER
16633 MAGNOLIA BLVD. ENCINO

MAINTENANCE MANUALS FOR RESIDENTIAL NATIVE PLANT GARDENS

Presenter: Ellen Mackey
After the dust clears from removing your lawn and replacing it with native plants, you need a long-term-care plan to keep your garden healthy and happy for years into the future. Ms Mackey will review the process and resources needed to create tailor-made manuals for residential native plant gardens. Before losing track of their garden plans, irrigation info, species info, and other resources, native plant gardeners would be prudent to pull together all of this data into one package. Maintenance manuals document the garden concept, planting plan, irrigation plan, storm water plan (if present), common weeds, and hardscape care and can be targeted to various audiences. Unique to these plans is the Maintenance Checklist, a site-specific month by month schedule of tasks.

OCTOBER 14, 2014 – 7:30 - 9:00PM
FIRST UNITED METHODIST CHURCH
SANTA MONICA

NATIVE WILDFLOWERS OF THE PALOS VERDES PENINSULA: A HIKER’S GUIDE

Presenters:
Ann Dalkey and Yvetta Williams
The presentation will begin with a short description of the Palos Verdes Peninsula Land Conservancy. Then the authors will talk about how they met and began their partnership in creating the guidebook of Native Wildflowers of the Palos Verdes Peninsula. Their goal was to create a user-friendly guidebook so that people with no botanical knowledge can easily identify a plant while hiking on the Palos Verdes Peninsula. Their presentation will show how the guidebook is organized and how one can use it, featuring pretty photos of flowers throughout. Afterwards, the authors will be happy to autograph books for people who want to purchase a copy ($20, proceeds go to the Palos Verdes Peninsula Land Conservancy).

Sign up for Chapter email notifications!
Our chapter is modernizing! Soon we will be sending out emails to remind members of activities such as monthly meetings, hikes, and plant sales. Please take a minute now, go to www.lacnps.org and sign up to start receiving emails from our chapter. We ask you to fill in only your email address and name. Soon after that, you will receive an email asking you to reaffirm your wish to receive further emails; once you confirm this electronically, you are done! (Check your junk mail if you don’t immediately get a reply after sign up.)

Programs are free to the public. Refreshments will be served. For directions, see CNPS Programs on page 3.
HIKES AND RESTORATION - SEPTEMBER & OCTOBER 2014

SAT 9/6  8:45am
Cold Creek Valley Preserve
Be a Restorationist for a Day: Join the habitat repair team as we care for newly planted native plants that will energetically displace the invasive weeds that provide no food or shelter for the native animals and certainly do not please human sensibilities. Oak trees, shrubs and bunch grasses that feed and shelter wildlife are awaiting your help. Receive community service credit. Reservations required: 818-591-1701 x202 or volunteer@treepeople.org. Meet along the first 0.5 mile of Stunt Road after turning off Mulholland Hwy, Calabasas. 3.5hrs*

SAT 9/9  8:45am
Malibu Creek State Park
Return of the Lost Oak Woodlands There once was a valley where giant oaks held an ecosystem together. Since 1992, volunteers have enjoyed a wonderful day in the park planting and caring for oak trees and their understory plants. The oaks still need your help to rebuild a native landscape. Receive community service credit. Reservations required: volunteer@treepeople.org or Jo at 818-591-1701 x203. 3.5hrs*

SUN 9/14  8:30am
Santa Monica Mountains - White Oak Farms
Weed War – Volunteers are turning an area along Las Virgenes Creek into an oak woodland. We remove weeds and water and then wait for the first rains to plant oak trees, mulefat and coffeeberries. The Weed Wars were started by the California Native Plant Society in the early 1980s and has brought diversity and eco-balance back to disturbed lands. Join us for a satisfying day of weeding and watering at White Oak Farm, 2577 Las Virgenes Road, Calabasas. Receive community service credit. Call or email for directions. Reservations required: 818-348-5910 or volunteer@treepeople.org. 3.5hrs*

SAT 9/20  8:30am
La Sierra Preserve
Restoration of a Hidden Gem. You won’t find this beauty spot on maps, but after we meet at Peter Strauss Ranch the way will be shown. Unseemly land uses created great swaths of invasive weeds but have also created the perfect site for an endangered, very small sunflower. Newly planted natives need you to help them through the drought. Bring snack, water. Receive community service credit. Reservations required: volunteer@treepeople.org or 818-591-1701 x202. From Kanan Road, Agoura Hills, turn onto Troutdale, then left on Mulholland Highway, cross the bridge then right into Peter Strauss parking lot. 3.5hrs*

SAT 9/27  9am-11am
Silver Lake Meadow Native Garden
Restoration Help needed for weeding, watering, mulching; bring hat, water, weeding tools. Meet in the Garden at the north end of Silver Lake Meadow Park near the intersection of Armstrong Ave. & Silver Lake Blvd. Contact: meadownativegarden@silverlakenc.org for further info. Street parking available on Silver Lake Blvd.

SAT 9/27  9am–4pm
Temescal Canyon Park
Temescal Canyon Pacific Palisades Native Plant Garden
Restoration We’re just a few steps east of ~700 Temescal Canyon Road, Pacific Palisades, 90272 (between the PCH and Sunset Blvd., below Bowdoin St.). Community Service Credit. Contact Barbara Marinacci at barbara.marinacci@verizon.net or Michael G. Terry at michaelgterry@hotmail.com.

SUN 9/28  8:30am
Topanga State Park
Lower Topanga Park Restoration Volunteers are restoring natural diversity by bring back California's native plants to the lower Topanga Creek area of the park. They need a boost from you by watering and removing those noxious weeds!! Bring water, and snack; wear sturdy footwear. Receive credit for community service. Directions: entrance is a few hundred feet from Pacific Coast Highway on Topanga Canyon Road. Reservations required: volunteer@treepeople.org or 818-591-1701 x202. 3.5hrs*

SUN 9/28  10am
Malibu Bluffs Park
Bluffs Ramble to the Sea – Hike to the beach while viewing an endangered coastal sage scrub habitat. Meet in parking lot at the corner of PCH and Malibu Cyn Rd. across from Pepperdine. Info: 818-782-9346 2 hrs.

SAT 10/4  8:45am
Cold Creek Preserve
Be a Restorationist for a Day See 9/6 write-up.

SUN 10/5  8:45am
Malibu Creek State Park
Return of the Lost Oak Woodlands See 9/13 write-up.

SAT 10/18  8:45am
La Sierra Preserve
Restoration of a Hidden Gem. See 9/20 write-up.

SAT 10/18  9am-noon
El Segundo Dunes
LAX Dunes Volunteer Day Help remove non-native plants. Free parking is available in the dunes. Enter through the gate across from Trask Triangle Park at the Trask and Waterview Streets intersection in Playa Del Rey, CA 90293. Please bring your own drinking water and snacks, and wear gloves, sun protection, closed-toe shoes, and long pants. Shelter and cold water refills will be provided. Please be on time and plan to stay until the end of the volunteer event as this is a secured area. Info: 818-782-9346

SUN 10/19  8:30am
Santa Monica Mountains - White Oak Farm
Weed War See 9/14 write-up.

SAT 10/25  9am-11am
Silver Lake Meadow Native Garden
Restoration See 9/27 write-up.

SAT 10/25  9am–4pm
Temescal Canyon Park
Weeding in the City Park at Temescal Canyon See write-up for 9/27.

SUN 10/26  8:30am
Topanga State Park
Lower Topanga Park Restoration See 9/28 write-up.

* Co-sponsored by LA/SMM CNPS, Mountains Restoration Trust, and TreePeople.
TUES 9/9  7:30-9:30PM
Sepulveda Garden Center, Encino
MAINTENANCE MANUALS FOR RESIDENTIAL NATIVE PLANT GARDENS
Presenter: Ellen Mackey
Ellen Mackey is a Senior Ecologist who edited the Los Angeles River Landscaping Guidelines and Plant Palettes (2004); coauthored the Care and Maintenance of Southern California Native Plant Gardens (2006); co-authored the Old Marengo Park Maintenance Manual and Elmer Avenue Maintenance Manuals. She leads the Native Seed Resources Coalition, creating a reliable supply of locally native plants for local landscaping projects. Her front-yard native plant landscaping is certified by the National Wildlife Federation’s Wildlife Habitat Program.

Directions: the Sepulveda Garden Center, 16633 Magnolia Blvd. in Encino, is on the north side of Magnolia between Balboa & Hayvenhurst. Park in the lighted lot at the end of the garden, walk west along the path to the garden center building. Native plant and gardening books will be for sale and refreshments are served. A no-host dinner precedes the meeting at 6:00 pm at Tony Roma’s Restaurant, 16575 Ventura Blvd., Encino. (818-461-8400)

TUES 10/14    7:30-9:00PM
First United Methodist Church, Santa Monica
NATIVE WILDFLOWERS OF THE PALOS VERDES PENINSULA: A HIKER’S GUIDE
Presenters: Ann Dalkey and Yvetta Williams
Ann is a career marine biologist. Yvetta, a life-long learner who grew up and still lives on the Palos Verdes Peninsula, possesses a naturalist’s knowledge of the plants along with an understanding of the Native Americans’ uses of the plants.

Directions: The First United Methodist Church, 1008 11th Street, Santa Monica CA 90403, is one and a half blocks north of Wilshire Boulevard on 11th Street in Santa Monica. From the 10 freeway, exit at Lincoln. Go right, or north to Wilshire. Turn right. In three blocks turn left on 11th Street. The church is on the left, just past California. Church parking is on the right under an apartment complex. The Fireside Room is at the north end of the church’s large patio, next to the Sanctuary. Native plant and gardening books will be for sale and refreshments are served. A no-host dinner precedes the meeting at 6:00 pm at El Cholo Mexican Restaurant in Santa Monica at 1025 Wilshire Blvd.

For information about the above programs, please see “Upcoming Programs” on front page.

CHAPTER BOARD MEETING
October 2, 7pm
15811 Leadwell Street, Van Nuys 91406
At the home of Snowdy Dodson. Members welcome! Call 818-782-9346 for directions.

NATIVE PLANT SALE
OCTOBER 25 & 26, 10AM TO 3:00PM
Sepulveda Garden Center,
16633 Magnolia Blvd., Encino (near Hayvenhurst)

With over 1000 plants of over 50 California native species, there is a plant that can fill your garden’s needs — from hot and dry to moist and shady. Many native plants can survive quite well with natural rainfall once they get established. Sale items include seeds, irises, mints, sages, berries, hummingbird and butterfly plants, shrubs, perennials, and trees. Ten species of bulk wildflower seeds available for purchase. Also for sale are natural history and native gardening books, field guides, posters. Visit displays and exhibits by local environmental agencies and non-profits. Refreshments and lunch will be available for purchase.

During the sale, experienced CNPSers can assist you in selecting plants that are suitable for your garden! Proceeds from the plant sale help support the activities of the Los Angeles / Santa Monica Mountains Chapter of the California Native Plant Society.

Featuring FREE Native Plant Gardening Talks:

Saturday - Noon
LANDSCAPING WITH CALIFORNIA NATIVES 101
Bob Sussman – Matilija Nursery

Bob will focus on home landscaping with an emphasis on the basic stuff – plants that are easy to grow and maintain. He will discuss plants that flower just about all year and will include those that attract and feed interesting insects, butterflies, bees, hummingbirds and other birds that add another dimension to your garden. His talk will be heavily illustrated with colorful examples of appropriate native plantings. He will explain that some plants are easy to grow and others are more challenging; most bloom in the spring but some flower in the summer, fall or winter.

Bob Sussman’s Matilija Nursery has been growing California natives for over 20-years. During that time, he has propagated numerous native species for home and commercial landscaping as well as for restoration. The nursery is located in the city of Moorpark in Ventura County. Bob’s nursery has supplied the plants at the Chapter annual plant sale for many years. Plants from his nursery will be sold at the plant sale this year too.

Sunday - Noon
LOOK MA, NO LAWN!
Lili Singer – Theodore Payne Foundation

Are you ready to lose the lawn? Lili will explain how to take it out and offer alternatives for the space – specifically low-care native plants that need no fertilizer and use a fraction of the water required for turf. If ID is needed, bring a sample of your soon-to-be-gone turfgrass. Lili is a horticulturist, educator and garden writer, and Director of Special Projects and Adult Education at Theodore Payne Foundation for Wild Flowers and Native Plants. A Los Angeles native, she is best known for the long-running ”The Garden Show” (a live call-in radio program on KCRW-fm) and her award-winning regional publications, The Southern California Gardener and The Gardener’s Companion. In 1996, she was named Horticulturist of the Year by the Southern California Horticultural Society.

September - October 2014
Los Angeles County Recognizes Rosi Dagit, CNPS Volunteer

The Los Angeles County Commission for Women, for the 29th year, honored women for their contributions to promoting equality. The Commission for Women was established in 1975 in order to “...represent the special interests and concerns of women of all races, ethnic and social backgrounds, religious convictions, sexual orientation and social circumstances.”

The Commission recognized dedicated women at their “Women of the Year” Awards and Scholarship Luncheon in March. Our own CNPS Volunteer, Rosi Dagit, was one of the honorees.

Rosi Dagit is an environmental scientist who has worked in the Santa Monica Mountains area for more than two decades. Rosi, who was chosen for the honor by Third District Supervisor Zev Yaroslavsky, is the senior conservation biologist and educator for the Resource Conservation District of the Santa Monica Mountains. She is currently a Senior Conservation Biologist at the Resource Conservation District of the Santa Monica Mountains, where she teams with landowners, community stakeholders and local governments to turn information from field studies into policies.

Dagit has served as a volunteer with Arson Watch and the Topanga Canyon Docents. She has taken part in annual surveys of the endangered Steelhead Trout and Tidewater Gobies, as well as western pond turtles, bat bridges and California’s native oaks.

She also organized the Topanga Creek Stream Team, whose yearly creek clean-ups include the removal of wrecked cars from the creek. She has published a children's book called "Grandmother Oak" to help fund the planting of oaks at Topanga State Park.

Currently Rosi serves as a member of the Los Angeles County Environmental Review Board and leader of the Topanga Creek Stream Team. Rosi is also a member of the Los Angeles County Beach Commission, technical advisor for the CA Oak Foundation and former member of the City of Malibu Environmental Review Board.

Her book, Grandmother Oak, is available through the CNPS store. It is a sweet children's book that tells the tale of a great oak that has been standing watch on a ridge in Topanga State Park for over 200 years, where it has witnessed various periods from the time of the Tongva Indians through the Spanish rancheros, up to today’s visitors.

State-wide Conservation Conference in San Jose, January 13-17, 2015—Update
Josie Crawford

We are planning the biggest and best of CNPS Conferences to kick off our 50th Anniversary Celebration in 2015. Go to www.cnps.org/2015 for up to date conference information.

Early Bird Registration has fantastic discounts, but ends October 31. Help us celebrate with over 250 speakers, Lightning Talks, a poster session, more than 25 workshops and field trips, banquet, mixers, auctions, artwork, photography, and poetry.

Michael Soule will be our featured Opening Plenary Speaker. Often referred to as “the grandfather of conservation biology,” he is Professor Emeritus of Environmental Studies, University of California, Santa Cruz and a founder of the Society of Conservation Biology and the Wildlands Network. Banquet speaker will be Jared Farmer, author of Trees in Paradise: A California History (Norton, 2013).

Newhall Ranch Decision Reaches California Supreme Court

In July, the California Supreme Court agreed to review the 2nd Court of Appeals opinion allowing the Santa Clara River Alteration Permit for the 20,000 unit Newhall Ranch project to proceed despite questions of water supply and species protection. The CA Supreme Court will consider three areas of the decision including how endangered species and global warming were determined. The coalition involved in this litigation include CNPS, the Center for Biological Diversity, Friends of the Santa Clara River, and the Ventura Coastkeeper/Wishtoyo Foundation.
GROWING NATIVE PLANTS: AN INTRODUCTION
Sat. Sept. 13 – 9:30-11:30 a.m.
Natural History Museum
900 Exposition Blvd., LA 90007
$10 members; $15 non – register via 213-763-3499
Session taught by Head Gardener, Richard Hayden, will focus on selection, planting, maintenance.

SANTA CLARA RIVER CLEAN UP & ENVIRONMENTAL EXPO
Sat. Sept. 20 – 8:00 – 11:00 a.m.
Wiley Canyon Rd. off the Via Princessa Bridge just east of Orchard Village Rd. Come help celebrate the 20th anniversary of this event on one of the last free-flowing rivers in southern California. Volunteer form available via: https://secure.rec1.com/CA/city-santa-clarita/Volunteer/2593c

COASTAL CLEANUP DAY
Sat. Sept. 20
See http://www.coastal.ca.gov/publiced/ccd/ccd.html for full schedule of events.

SOUTHERN CALIFORNIA BOTANISTS SYMPOSIUM
“Southern California Plant Communities: Threats and Solutions”
Nov. 1 – 9 am – 5 pm
Pomona College, North Seaver Auditorium & Rancho Santa Ana Botanic Garden, Claremont.
Presentations: 9 am – 5 pm; mixer & poster session: 5:6:45 pm; banquet: 7 pm – speaker Dan Gluesenkamp.
For registration details: http://www.socalbot.org/symposia.php

UPCOMING NATIVE PLANT SALES
Theodore Payne Foundation – Oct. 10 -11 member discounts; Oct. 17-18 public & member discounts
CNPS San Gabriel Mountains – Nov. 8 – 9 am – 2 pm Eaton Cyn Nature Center
CNPS South Coast – Oct. 3 – 5-7 pm members preview; Oct. 4 – 9 am – 2 pm public sale Madrona Marsh Nature Center
Grow Native Nursery Veterans Garden
(Brentwood VA) – Sept. 20 – Autumn Garden Party – plant sale, workshops, tastings. Contact: gnwestla@rsabg.org or 424-234-0481 for hours and information.
Rancho Santa Ana Botanic Garden – Oct. 4 – 8 – 10 am members only; 10 am – 4 pm public.

CNPS EDUCATIONAL GRANTS
The California Native Plant Society Educational Grant application period has opened. Proposals are due on Sept 30. Please see details on our webpage: http://www.cnps.org/cnps/education/grants.php

WESTWOOD NEIGHBORHOOD GREENWAY
Sarah Hays and Jonathan Weiss are members on the Westwood Neighborhood Greenway Steering Committee that is trying to get the Greenway built adjacent to the Expo light rail line extension into Westwood. The Greenway as currently envisioned will be a California native plant garden around a stream bed that will be cleaning water from the Overland storm drain (perennial stream from Brown Canyon, now Beverly Glen). The Committee has a Facebook page if you are interested in more info https://www.facebook.com/WestwoodNeighborhoodGreenway

SEPULVEDA BASIN WILDLIFE AREAS STEERING COMMITTEE RECOGNIZED BY CITY OF L.A. DURING L.A. RIVER DAY CEREMONIES
June 4 was LA River Day with a celebration at City Hall. The Sepulveda Basin Wildlife Areas Steering Committee received a "Hero of the Los Angeles River" Certificate of Commendation from Paul Koretz, Councilmember 5th District. The certificate reads "On the occasion of the first Los Angeles River Day, the City of Los Angeles salutes you for your tireless work and stewardship of the Sepulveda Basin Wildlife Area, the adjoining river, and the creatures which inhabit it. It is efforts like yours which make Los Angeles a better, more verdant, more livable city for all. Below, Steve Hartman, one of the Steering Committee's founding members, accepts the Commendation on behalf of the Committee during the ceremony at City Hall on June 4, 2014 (Councilmember Paul Koretz on left).
**Demo of low-cost Arundo control at Glendale Narrows**

By Bill Neill

With permission from the Army Corps of Engineers, during the past year I conducted a demonstration of low-cost Arundo control along the Los Angeles River at Glendale Narrows, near the crossings of Colorado Street, Fletcher Drive and the Glendale Freeway. Photos with captions of my project are posted at Flickr.com:

www.flickr.com/photos/21219306@N03/sets/72157645230290172/

Unlike most Arundo infestations in southern California, this section of the river is subject to intense flooding at intervals of one to several years. Because the soft-bottom channel is narrowly confined by concrete banks, this occasional flooding flattens most Arundo stalks and strips away some stalks completely. Subsequently, new stalks sprout and grow rapidly during spring months, and can be readily sprayed with herbicide during March and April, when between 4 and 8 feet tall.

Intense flooding on February 28, 2014, filled the river channel about 60% full, to a depth of about 10 to 15 feet. This flood was relatively minor, but was sufficient to flatten or remove most Arundo stalks upstream of the Glendale Freeway. For this demonstration of Arundo control, some patches of resprouts were selectively sprayed in early April, 6 to 7 weeks after flooding, using dilute imazapyr herbicide registered for aquatic use.

Photos 1-4 show the downstream side of Colorado Street bridge, taken before and after the intense flood of late February. No herbicide was applied at this location.

**Photo 1:** Mid-February 2014, 2 weeks pre-flood: Stalks from 2013 growing season are about 30 feet tall and are semi-dormant with yellow-green foliage due to cold winter temperatures.

**Photo 2:** Mid-March 2014, 2 weeks post-flood: Tall stalks from 2013 were almost completely flattened by the late February flood.

**Photo 3:** Early April 2014, 6 weeks post-flood: New, green post-flood resprouts are 6 to 8 feet tall.

**Photo 4:** Early June 2014, 14 weeks post-flood: Unsprayed new stalks approach 20 feet and will grow another 10 feet during summer.

Photos 5-7 show a mulberry tree surrounded by Arundo about 1/4 mile downstream from the Colorado Street bridge.

**Photo 5:** Mid-March 2014: The flood 2 weeks earlier flattened Arundo stalks and stripped off mulberry tree foliage.

**Photo 6:** Early April 2014: 6 weeks after flooding, Arundo stalks were sprayed with imazapyr herbicide after growing 6 to 8 feet.

**Photo 7:** Early June 2014: 8 weeks after herbicide treatment, Arundo resprouts have stopped growing and are turning yellow. Note that the mulberry tree is unaffected.

**Photo 8:** Early June 2014: View across river channel near mulberry tree, 8 weeks after partial herbicide treatment. Shorter stalks near water with yellowing foliage were sprayed and have stopped growing, whereas taller green stalks behind were not sprayed.

Photos 9-12 show two Arundo clumps about 1/4 mile upstream from Colorado Street bridge. The river channel is less obstructed by trees, so flooding in late February removed a sizeable fraction of tall year-old Arundo stalks and only a few old stalks remain erect. In photos taken in early April, when resprouts were sprayed, a straw hat is positioned about 6 feet above ground level. By early June, treated Arundo has stopped growing and is turning yellow.

**Photos 21-29** show the river channel between Fletcher Drive and the Glendale Freeway where herbicide treatment was initiated in July 2013.

**Photos 21 & 24 & 27:** Mid-July 2013: Partial herbicide treatment was started on the landward side of Arundo strip.

**Photos 22 & 25 & 28:** Mid-March 2014, 3 weeks post-flood: Scarcity of nearby trees allowed the flood to flatten all Arundo.

**Photos 23 & 26 & 29:** Early June 2014, 14 weeks post-flood, 7 weeks post-treatment: The former solid strip of Arundo is now mixture of dead Arundo sprayed in July 2013, plus areas of treated post-flood resprouts sprayed in April, and taller, untreated green resprouts.

**Photos 30-31** are close-up views of the partly dead Arundo strip between Fletcher Drive and the Glendale Freeway, where the landward side of the Arundo strip was sprayed in July 2013. At this location, the flood completely removed most tall stalks from the 2013 season, both dead or alive. In photo 30, taken 7 weeks after flooding, the left or land side of the Arundo strip has not resprouted, whereas the right or river side of the Arundo strip has resprouted. Photo 31 shows dead, exposed rhizomes on the land side of the Arundo strip that were partly eroded by the flooding.

**Photos 32-35** show the upstream side of the Glendale Freeway bridge.

**Photo 32:** Mid-July 2013: This large Arundo clump upstream of the bridge was mostly sprayed in July 2013 because access to the water side was possible via breaks in the Arundo by the neighboring large willow tree.

**Photo 33:** Mid-March 2014, 3 weeks post-flood: Most tall stalks are dead following herbicide spraying in July 2013, but were protected from flood-flattening and removal by the neighboring trees upstream.

**Photo 34:** Mid-April 2014, 7 weeks post-flood: Under the bridge, tall recumbent year-old stalks have developed more green foliage, and post-flood stalks have grown at the clumps upstream end. All green foliage was sprayed at the time of the photo.

**Photo 35:** Early June 2014, 7 weeks post-treatment: All Arundo foliage, both year-old and young post-flood, is turning yellow and has stopped growing. After another future flood, no evidence will remain except dead rhizomes.

This demonstration project required about 6 hours of volunteer labor and about $100 of imazapyr herbicide, to treat about 1/2 net acre of dense Arundo. Some herbicide was donated by the Los Angeles County Weed Management Area, and additional expenses for herbicide and travel will be reimbursed by the Los Angeles/Santa Monica Mountains Chapter of the California Native Plant Society.

On a commercial basis, Arundo in the Los Angeles River channel at Glendale Narrows could be controlled at a cost of about $1000 to $1500 per net acre, provided that herbicide treatment of resprouts can be scheduled during the several months immediately following major flood events, compared to costs of perhaps $100,000 per acre for manual biomass removal of tall Arundo with herbicide application.
PLANT SALE: Good Old Days?

The year is 1986 or 87. Margaret Huffman wanted help with the annual Native Plant Sale and was looking for a volunteer. So I volunteered. I did not realize that I had taken on the full Monty. Alas that is what it turned out to be.

By the second year I had gotten a lot smarter as to what was needed, what worked and what didn't. Under Jo Kitz' guidance we organized work parties for the next few years to drive to Las Pilitas Nursery, our then-plant-supplier, hand-wrote labels and affixed them to all containers prior to our Plant Sale held at Calamigos Ranch.

Angelika Brinkman-Busi, Doris Hoover, Linda Hardy-Scott and I sat in my kitchen, week after week after week, taking Nancy Dale books apart and cutting up posters to create labels for use at the sale. This was before computer generated artwork or digital photography. We used sticky shelf paper to encase the pictures and text, then surrounded the entire placard with electrical tape. Crude! But it served us well and worked for many years.

Then came the mad scramble the morning of the Plant Sale to unload a huge truck with 3 interior shelves jam-packed with gallon containers. These plants were not exactly in any particular order. So not only was the unloading an ordeal, the sorting was quite a challenge. Thank goodness for all those knowledgeable plant people and David Hollombe's expertise.

By 10 am there was still quite a bit of confusion and lots of loose ends, but on the surface things looked pretty orderly. All of us were exhausted. And we had two long sale days ahead of us.

After all these years, there are customers I recognize who came then and helped us. Some were little kids who came with their parents, some college students still in school, some had just started careers. Now they are proud home owners planting their gardens and hillsides with natives or just adorning their patios with that one special native plant. Doug Schwartz, you are one of those loyal Native Plant Society volunteers and now a loyal patron. Thank you. And thank you all who's names I do not recall.

Ten years later Steve Hartman became Plant Sale Co-Chair. What a relief. It also made it easier for all volunteers that we changed locations. Calamigos Ranch was beautiful with mature oaks shading us on the "North 40" during the Plant Sale; our hosts, the Gersons, always offered to help and we are delighted to have a good relationship with the folks who run the facility. We are

The Plant Sale was quite different in the 80's and 90's. We had many vendors; a wood carver, a basket maker, a ceramic potter, ladies with spinning wheels, many others. Bottom line, though, was and still is, this is our major fund raiser and we want to sell plants.

Some names come to mind: Helen Schramm, who was an expert in American Indian lore, and an expert basket weaver. She was a fixture at our Calamigos Plant Sales.

Erika Van Auker created the most beautiful ceramic and earthenware containers. Lotte Melhorn represented the Hillside Home Owners with useful information on fire safety and hillside planting; Susan hand-painted aprons and napkins with plant motifs. Later in the 90s Peter and Sylvia Asco sold their lovely t-shirts showing off Peter's photography skills.

Times change. We moved on. A fairly new addition to our Plant Sale now are the well attended and very popular daily lectures. Snowdy has taken on many of the Plant Sale responsibilities; and Mary recently became a board member and does all the publicity for the chapter including the Plant Sale. Jo maintains a good inventory in our book store. And Henrietta - I met her along with the rest of the old-timers - year after year cooks up the most delicious pea soup, chili and other goodies – ably assisted by her husband Bill and occasionally granddaughter Michelle. It is all streamlined and oh so much easier then in the "old" days.

See you October 25 & 26.

Halli Mason

Chapter Board Officer
Nominations Requested

We are seeking candidates for offices on the chapter board. The term of office is one year. You may nominate yourself or be nominated by another chapter member (with your permission) for the office of president, chapter delegate, vice president, secretary or treasurer of the chapter board of the Los Angeles/Santa Monica Mountains Chapter. Chapter officers are expected to attend monthly meetings, held on the first Tuesday of the month. In addition to the monthly meetings the chapter delegate is expected to attend four statewide CNPS chapter council meetings held at various locations around the State.

The qualifications are:

1. Candidates must affirm they are members in good standing of the Los Angeles/Santa Monica Mountains Chapter – that their dues are paid up.
2. Candidates must be active or have been active in one or more of LA/SMM Chapter's recognized or scheduled programs and projects in education, plant science, conservation, field trips, events, publication and outreach.
3. Nomination letters and e-mails must contain your name, address, phone number, e-mail address and a short statement about your CNPS activities and why you want to serve on the LA/SMM Chapter Board.
4. Nomination letters must be mailed to the CNPS Nominating Committee, 15811 Leadwell St., Van Nuys, CA 91406 or e-mailed to lacnps@lacnps.org by Sept. 30, 2014.
RETURN SERVICE REQUESTED

ANNUAL PLANT SALE
October 25 & 26, 2014
Sepulveda Garden Center, Encino
SEE PAGE 3 FOR DETAILS

TIME VALUE

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