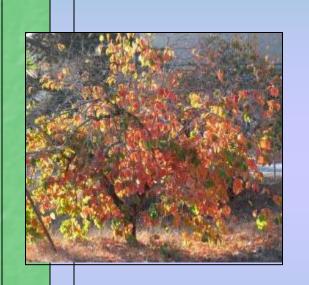
DROUGHT TOLERANT







PLANT SELECTION

Deva Luna EarthCare Landscaping 408-871-2792 deva@earthcareland.com

Second of a 4 part series

Drought Tolerant Landscape Design March 22, 2018



Drought Tolerant Plant Selection April 5, 2018

Drought Tolerant Landscape Installation April 19, 2018

Drought Tolerant Landscape Maintenance May 3, 2018

Which plants are drought tolerant?

WUCOLS IV

Water Use Classification of Landscape Species

- 3500 species of landscape plants (Including 44 different Manzanitas, 49 Oaks, and 90 Sages!)
- Listed by the amount of water they need
- Compared to irrigated turf grass (% ET_o)

Abbreviation	Percentage of ET _o
Н	70-90
М	40-60
L	10-30
VL	< 10
	Н

HELP WITH HYDROZONING! www.waterwonk.us

California plant database search tool

Choose city > Plant search > My plant list





A plant's water needs vary with the climate region where it will live. Choose a city and the tool will place your search in the correct WUCOLS climate region.

Proceed to the plant search page, and search to your heart's content. There are 12 different search criteria you could specify, or just bring up the entire regional list, or the full list showing all plants and all 6 regions. You will be presented with the WUCOLS water-use value for each plant.

Create a list of plants for your project. This list can be printed or downloaded to your favorite spreadsheet program. We will save your plant lists for you in our database.

- · You may have one courtesy plant list for each region. To access your existing plant list for any given region, you must first choose a city in that region, and then go to the plant search page. Your list may be accessed from the "Plant Search" page.
- · In order for you to create plant lists, you must register for the site. Signing up is free, quick, and easy to do.

What is WUCOLS?

Get started

Water Use Classifications of Landscape Species

Water Use Classifications of Landscape Species (WUCOLS) provides a guide to estimating irrigation water needs of landscape plantings in each of 6 distinct California climate regions. WUCOLS was developed by the University of California Cooperative Extension in cooperation with landscape professionals and funded by the California Department of Water Resources.

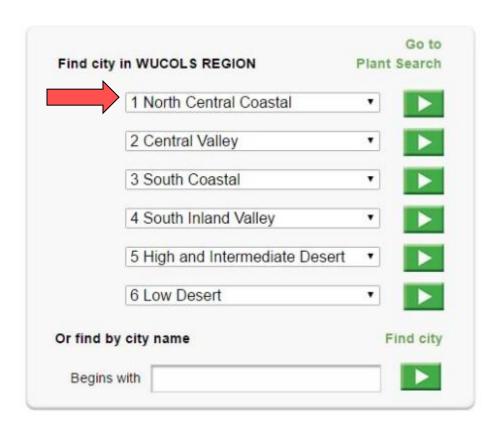


Click pofficen to view or download WUCOLS IV plant list. Learn more about WUCOLS here

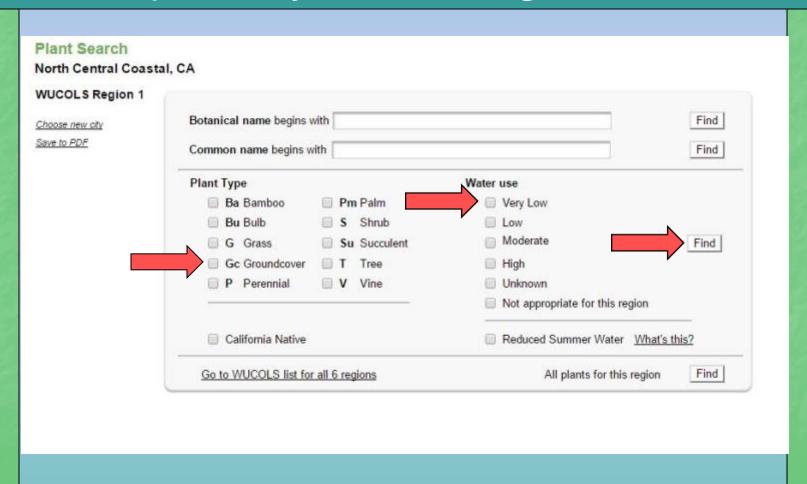


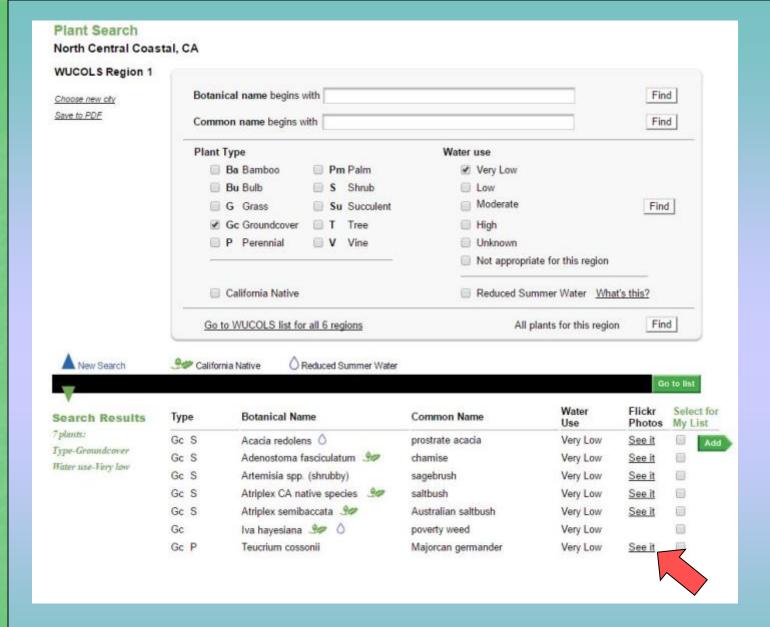
Choose City to identify WUCOLS REGION

Show instructions



Search for a category Example: very low water ground covers



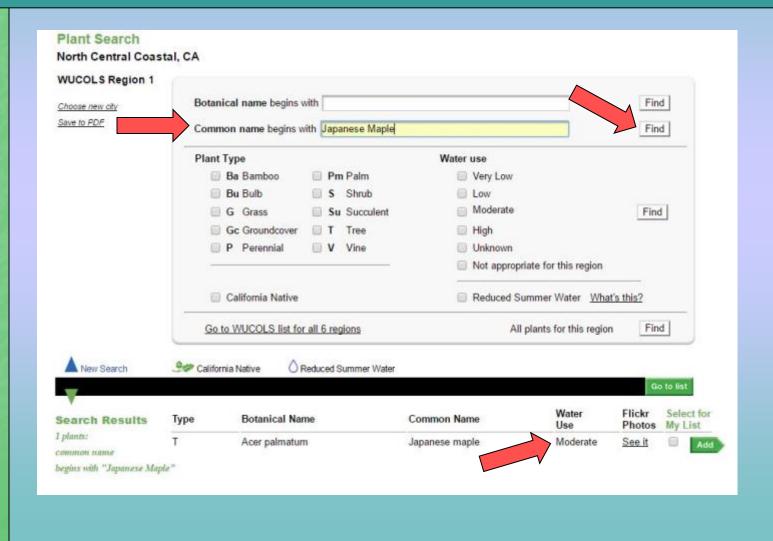


Results for "Very Low Groundcover" Click on "See it" for a picture!

Teucrium cossoni - Majorcan Germander



Search for a plant and find out its water requirement



Not all natives are DT

Many non-natives are DT

Mediterranean plants

- From 5 regions of the world with shared climates
- Grey, small or fuzzy leaves
- Leaves held sideways to the sun

Succulents & cacti

- Fleshy, water holding leaves
- No leaves!
- Summer dormancy

Trees

An Assortment of Low Water

Trees

Acacia

California Buckeye

Canary Island Pine

Carolina Cherry

Chinese Pistache

Chitalpa

Crape Myrtle

Deodar Cedar

Elm

Eucalyptus

Live Oak

Locust

Majestic Beauty Indian Hawthorn

Marina Strawberry Tree

Palo Verde

Pepper Tree

Toyon

Weeping Bottlebrush

Western Redbud



Coast live oak: Quercus agrifolia



Desert Museum Palo Verde: Cercidium hybrid



Wild lilac: Ceanothus 'Ray Hartman'
Photo from book "Ceanothus" by David Fross



Manzanita Arctostaphylos 'Dr. Hurd'



California Buckeye

Aesculus californica







Buckeye: Aesculus californica



Western Redbud

Cercis occidentalis



Toyon - Heteromeles arbutifolia



x Chitalpa taskentensis

Low Water

Edible Trees

Apricot

Avocado

Chinese Jujube

Date Palm

Elderberry

Filbert

Loquat

Nectarine/Peach

Olive

Pecan

Persimmon

Pinyon Pine

Pistachio

Plum

Pomegranate

Quince

Strawberry Tree

Sweet Bay

- Drought tolerant
- •Fall color
- •Disease and pest free
- •Gorgeous edible fruit

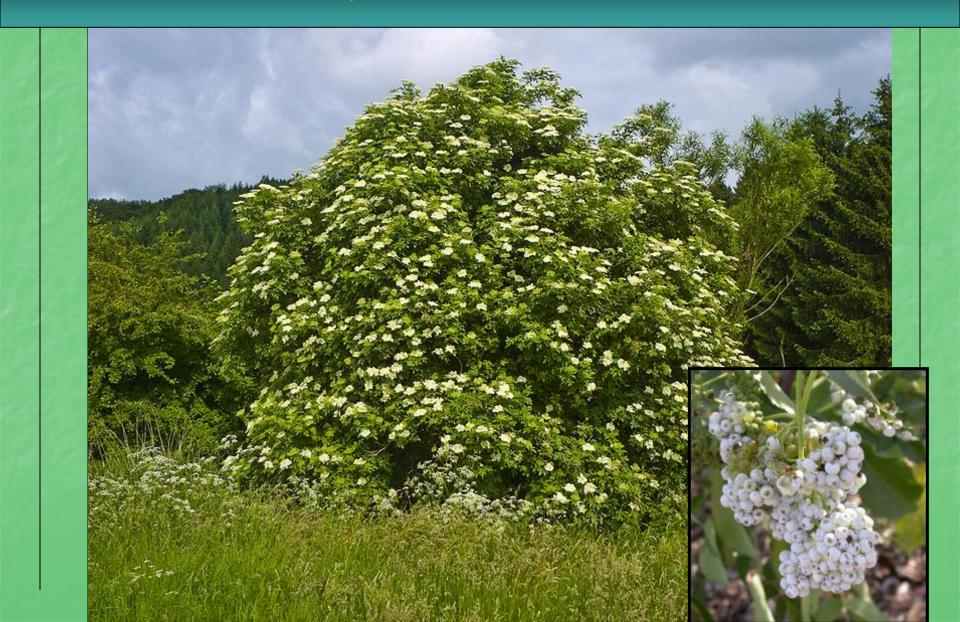
Persimmon





Pomegranate: Punica granatum

Elderberry: Sambucus mexicana



Shrubs



California Coffeeberry Rhamnus californica 'Mound San Bruno'



California native. Birds like the seeds which look like Coffee Beans.

Dwarf Bottlebrush Callistemon 'Little John'



No pruning necessary. Attracts hummingbirds

Australian Fuchsia Correa 'Dusky Bells'



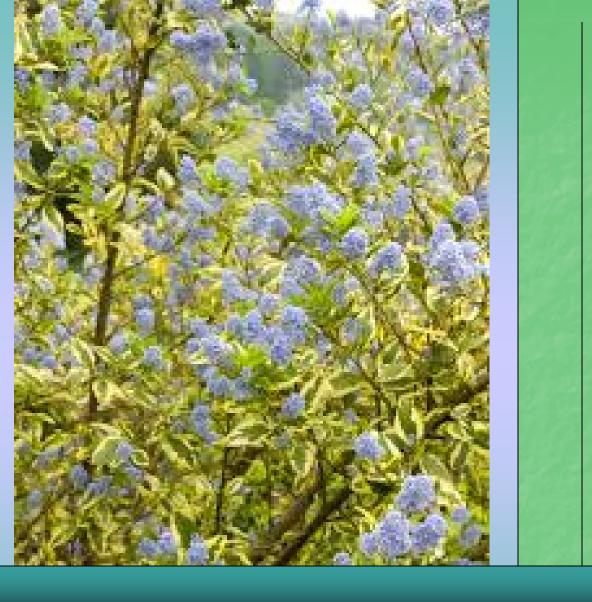
Dry shade okay, deer don't eat it, hummers like it



Wild lilac: Ceanothus 'Julia Phelps'



California Lilac: Ceanothus 'Valley Violet'



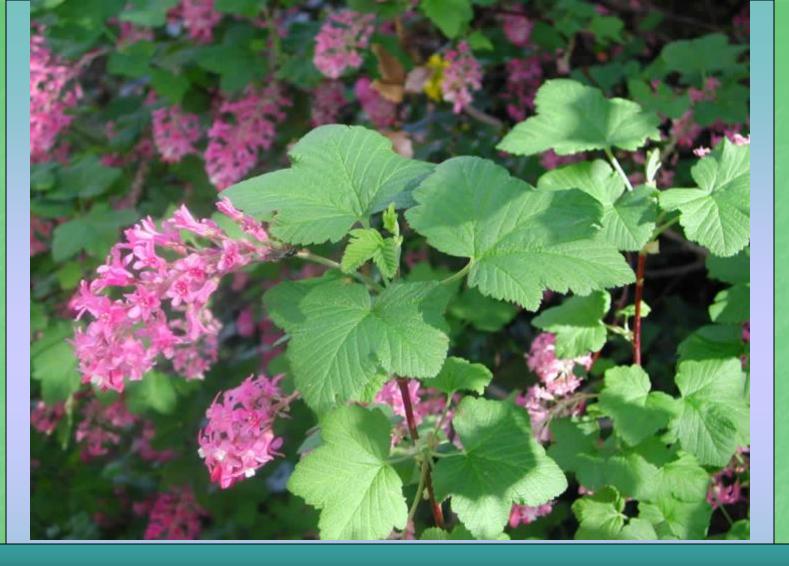
Ceanothus 'El Dorado'



Blooms a long time



Cedros Island Verbena Verbena lilacina 'De La Mina'



Flowering Currant

Ribes sanguineum var. glutinosum



St. Catherine's Lace



California bush anemone: Carpenteria californica



Cleveland Sage Salvia clevelandii



Manzanita: Arctostaphylos densiflorus 'Howard McMinn'

Perennials



Golden Aster

Heterotheca sessiliflora 'San Bruno Mountain'

California Fuchsia Epilobium 'Everett's Choice'



Sun. Blooms in late summer/fall when hummingbirds don't have many flowers California native.

Cut back to ground after bloom (November)



California Fuchsia

Epilobium canum

Coyote Mint Monardella villosa



California native perennial attractive to butterflies, bees & hummers. Fragrant leaves.



Monkey Flower Mimulus aurantiacus 'Pumpkin'



Sticky monkeyflower varieties: *Mimulus* 'Valentine' & 'Eleanor'

Foothill Penstemon Penstemon 'Margarita BOP'



California native perennial attractive to hummingbirds. Cut back after bloom.



Sulfur buckwheat: Eriogonum umbellatum var. polyanthum



Rosy Buckwheat (CN)

Eriogonum grande var. rubescens



Beach Aster Erigeron glaucus 'Wayne Roderick'



Yarrow Achillea millefolium

Ground Covers

Reliable low groundcover (better than Emerald Carpet)



Carmel Sur Manzanita

Arctostaphylos edmundsii 'Carmel Sur'

Evergreen, 2' high ground cover



Dwarf Coyote Bush Baccharis 'Pigeon Point'



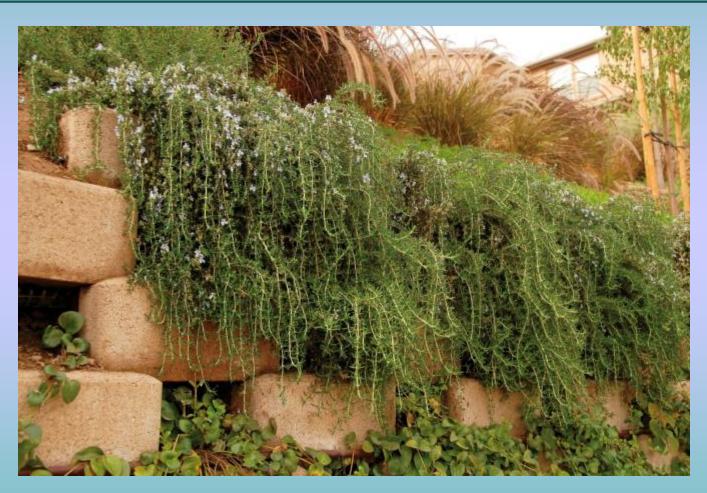
California native that spreads 9'! Selected from a coastal dwarf plant. Great for erosion control. Can be cut back to the ground to renew.

Grevillea 'Coastal Gem'



Sun. Spreader from Australia. Blooms in winter when hummingbirds don't have many flowers.

Rosemary Rosmarinus 'Huntington Carpet'



Sun. Blooms in February, great for bees. European spreader.



Wild lilac: Ceanothus 'Yankee Point'



Ceanothus 'Diamond Heights'



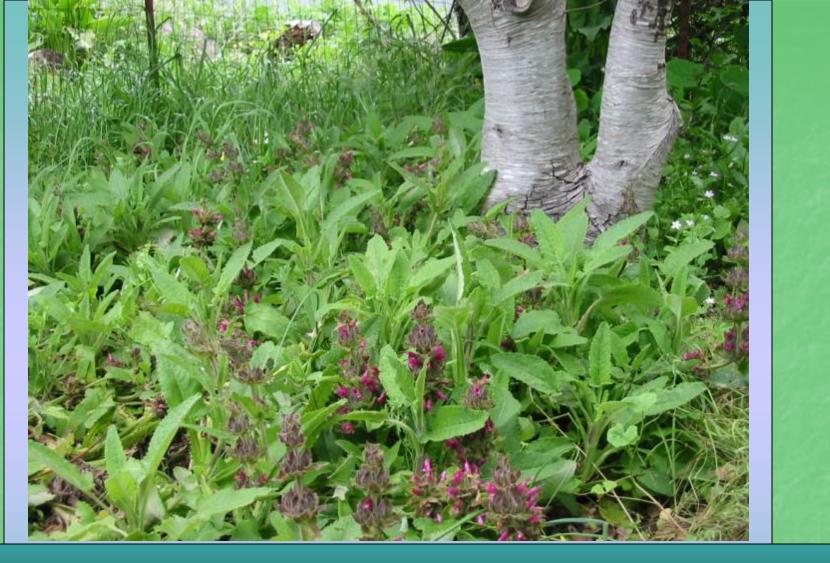
Salvia 'Bee's Bliss'

Design: Stephanie Morris Installation: Curtis Horticulture

Yerba Buena Satureja douglasiana



California native ground cover for dry shade with fragrant leaves. Non-invasive member of mint family. Grows under oaks.



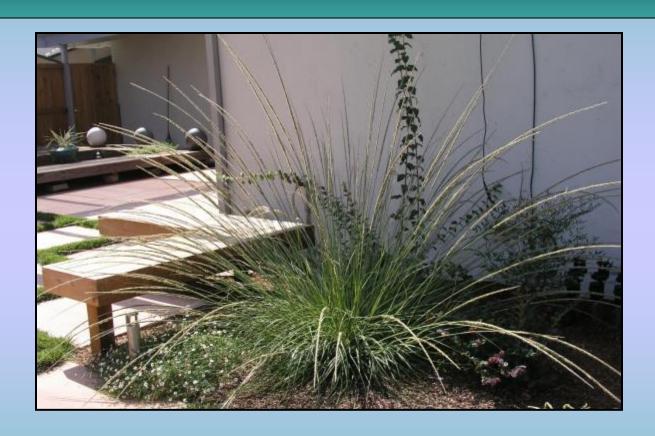
Hummingbird Sage

Salvia spathacea

The only Salvia that grows in the shade.

Grasses

Dramatic accent grass



Deer Grass - Muhlenbergia rigens

Berkeley Sedge Carex divulsa (tumulicola)



Versatile green mophead: grows with drought or water, sandy or clay soil, sun or shade! Non-native, despite its name.



Design& Installation: Erin Dougherty Photo: Deva Luna

BERKELEY SEDGE



Design & Installation: Erin Dougherty

Photo: Laura Gardner

Berkeley Sedge after haircut



Design & Photo: Agi Kehoe

Berkeley Sedge with Wildflowers



Idaho fescue: Festuca idahoensis



RED FESCUE



NATIVE SOD NOW AVAILABLE

Vines

Catalina Perfume
Grapes
Bougainvillea
Cecile Brunner & Lady Banks Rose
California Pipe Vine
Blue Dawn Flower
Carolina Jessamine
Catclaw Vine
Hops

A reasonable sized plant for a trellis



Bougainvillea



Lady Banks – Rosa banksia lutea





Cecile Brunner Climbing Rose

Drought tolerant roses!

Bulbs





Pacific Coast hybrid iris: Iris 'Idylwild'

Annuals

California natives

Plant seeds in Fall, for rainfall



Farewell-to-Spring: Clarkia amoena



Succulents

Succulents have great texture



Soap Aloe Aloe saponaria



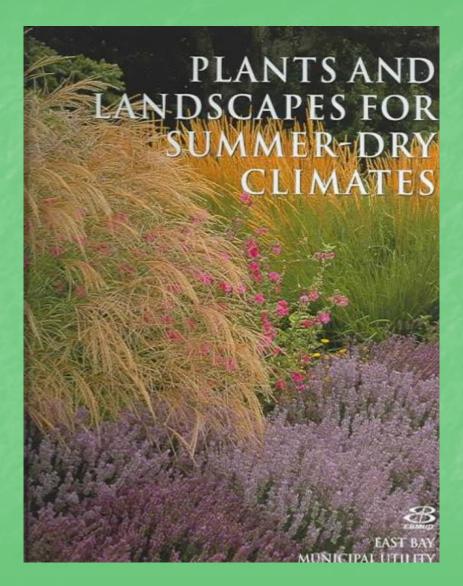


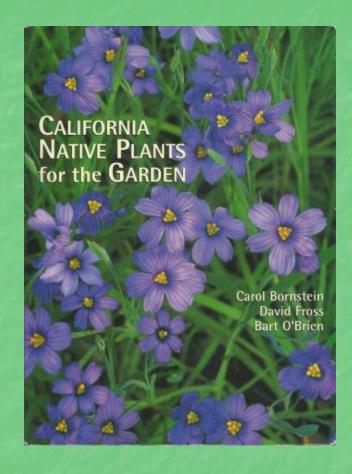
Ferns



California Polypody

Good reference books





Nurseries with a good selection of natives

- California Native Plant Society Sales, Hidden Villa, Los Altos Hills, (monthly for members) October
- Summerwinds, Palo Alto and other locations
- Almaden Nursery, San Jose
- Capitol Nursery, San Jose (wholesale/retail)
- Yerba Buena Nursery, Half Moon Bay
- East Bay Wilds, Oakland
- Larner Seeds, mail order seeds
- Annie Annuals, Richmond and online
- Las Pilitas online



Going Native Garden Tour 2018

North: Sat, Apr 07, 2018, 10:00am to 4:00pm South: Sun, Apr 08, 2018, 10:00am to 4:00pm



A free tour of native gardens in Santa Clara Valley & Peninsula, San Francisco Bay Area

Organized by the California Native Plant Society (Santa Clara Valley Chapter) in association with UCCE Master Gardeners of Santa Clara County.

Access Garden Addresses Here ...



Since 2003, the Bay Area's pioneering native garden tour has showcased gardens featuring California native plants. This community-based tour is free of charge to the public. Each tour features up to 60 gardens, most of them private home gardens, which are open on tour day in a do-it-yourself, open house format.

The gardens on the tour demonstrate reduced water use, reduced chemical and pesticide use, improved habitat, and the unique aesthetic appeal of gardens designed with California native plants. Our website also provides resources to help Bay Area gardeners to "go native" in their own gardens.

On tour day, sponsoring nurseries will conduct native plant sales at select gardens. Part of the proceeds benefit Going Native Garden Tour. Please pay by cash or check.



Click Here To Register For The 2018 Tour

Registration will close on Sun, Apr 08, 2018, 3:00 pm.

Note: there will be no e-mail help available on the tour day.

Click here to preview the gardens on the 2018 tour.

TOUR ORGANIZERS





GNGT

NG NATIVE GARDENITOUR

Be a 2018 Tour Volunteer

Tour volunteers can visit tour gardens throughout the year through a series of Garden Preview events and receive a custom GNGT T-shirt with artwork that changes yearly.

Tour volunteers work one 3-hour shift on tour day at one of the gardens either as a docent or as a greeter.

Click here to sign up.





If you live in Santa Clara County or San Mateo County, and California native plants are a significant percentage (60% or more) of your garden, we invite you to submit your garden for inclusion in the Going Native Garden Tour 2019. The submission deadline is Wed, Oct 31, 2018, 11:59 pm.

Click here to submit your garden. Additional details are on the How do I submit my garden to be included in the Tour? page.

