

## NOVEMBER 2020 MINUTES as approved

### Conservation Committee Special Zoom meeting Agenda November 24, 2020

Present: Chiariello, Coleman, DeStaebler, Heiple, Magill, Murphy, Plunder, Stromeyer (from Argentina!), Walz

Absent: John Richards, Council liaison

Also Present:; Jeremy Dennis, Town Manager; Alex Kawaja, student representative; Guests –Caroline Vertongen, Claire Jernyk

1. Call to Order 2:02
2. Oral communications
  - a. Murphy reports: Bay Visions Symposium 1/13/21 on line. The Power of Plants Will Protect the Bay. Adaption, regeneration and the role plants play in mitigating the challenges facing SF Bay. Sponsored by a consortium of bay area garden clubs. Will send flyer to members.
  - b. Murphy reminds members of Town Council workshop for Committees 1/27/21 (?time) – all members invited to attend.
  - c. Increasingly we see dense water needy plants being planted under oak trees. Murphy suggests we agendize and resume creating a document on Care of Your Oaks that was begun in March 2011.
  - d. Vertongen expresses concern about 1. the lack of coordination between committees 2.the possibility that flashing beacons will be installed on Alpine and Portola Roads for traffic safety despite not being approved by ASCC and 3. lack of access to the Fire Safety map produced by Moritz for the 2010 Fire Safety Ad Hoc committee. Plunder responds that the 2010 plan and map are out of date and being updated by the current Ad Hoc Fire Safety committee. Fire concerns should be taken to that committee. Murphy responds that flashing beacons have never come to us for review; if she wants us to opine she should provide us with relevant information and I will put on agenda.
  - e. Plunder expresses concern that staff may be overlooking CC; she references 2 recent events – failure to include all the pertinent information re 880 Westridge in the materials given to us, and the failure to include our report in the packet put together for the Spring Ridge Winery request.
  - f. Jeremy Dennis joined us for a frank discussion of several issues and answered our questions.
    - i. Our request for a change to the protected trees list is because it requires a code revision, which is a complicated process. Denis is willing to work on this if it is a priority for us.
    - ii. Our suggestion for increased control of invasives on construction lots will be looked at along with a more extensive review of other things ASCC would like to see changed. The possibility of longer term requirements is being investigated.

- iii. Our concerns that legally required quick staff only review of ADUs doesn't allow for sufficient consideration of landscaping issues. We understand we cannot legally review, and staff cannot deny for those reasons, but in the spirit of educating the homeowner about the local environment, climate and culture, suggestions might be made.
        - iv. Our request for a process that will ensure Public Works follow up cutting back of suckers on Eucalyptus and acacias after the town has cut them down. Currently committee gets tasks like this done only after repeated nagging. It seems there is no use of scheduling software that would bring tasks like this to the table as they need to be done. We would like this cost effective maintenance to be proactive rather than reactive, and to set a better example for residents on how to handle this sprouting problem. Dennis explains this is another situation where it would be desirable to do this, but there are not sufficient time and manpower resources to do it. He suggests we might create a yearly calendar for Public Works. He confirmed that CC members are welcome to remove vegetation on the public right of way by hand or using chain saws on committee approved projects.
        - v. Frog Pond Road Remnant update: at Council meeting 12/9 staff will present to Council several alternative ways to proceed to make this a reality.
3. Unanimous approval of Minutes for October 27.
4. Site permits –
  - a. Neely Winery – our original report was included in the latest packet. There is no formal landscaping plan because they express no intention to landscape other than a few Toyons for screening. New submission expresses a preference for Parking Plan B which was our preference. They now plan to have the overflow parking on unsurfaced area.
  - b. 880 Westridge has been withdrawn. Murphy offered to send to landscape architect our unsent report on the property after we learned about the conservation easements.
  - c. Portola Road firehouse will be coming back to us with a revised landscaping plan.
  - d. revised boilerplate (see Appendix B) deferred till January
5. Tree Permits –
  - a. Suggestions for revision reviewed. The fact that Manzanitas are not low fire risk was discussed. They should be cleared from near houses and not planted in new landscaping within the defensible space of the buildings, but the committee felt it was still important to protect the ancient beautiful valuable for habitat specimens. (See Appendix C). Dennis explains that the delay is because this requires a code revision which is not a simple process. See 2.f.i.
6. Old Business
  - a. Oversight of Significant Town Owned Properties.
    - i. Spring Down - webcam for Pond is in Public Works budget for this year. It will be installed in the spring. Nona will send Young contact information for the person who manages the Jasper Ridge webcams.

- ii. Town Center –
    - 1. Brochure will be submitted for inclusion on our page of the Town web site.
    - 2. Walz has completed tagging all the trees at Town center and has made both a map and as spread sheet with the information. He will distribute this to us after Young has seen it.
  - iii. Frog Pond – see 2.f.v.
  - iv. Triangle Park – nothing new
  - v. Ford Field – deStaebler reports substantial ground squirrel activity between the field and the trail. Perhaps because decreased use of rodenticides? Live trapping is most effective.
  - vi. Rosottis Field -deStaebler reports brush cuttings are piled along the trail between the field and tennis courts.
  - vii. ROW: request to Council for scheduled follow-up of resprouting trees. (Appendix A) See 2.f.iv
  - b. Committee/Town cooperation
    - i. Public Works – Coleman reports Public Works is busy with fall trail maintenance, fallen trees and culvert clearing
    - ii. Sustainability and Environmental Resources Committee – Murphy - nothing to report
    - iii. Trails –. Special meeting of Trails on 12/1 to discuss the 3<sup>rd</sup> round submittal of the Stanford Wedge project.
    - iv. Open space – Chiariello nothing to report
    - v. Fire Ad Hoc – Plunder
      - 1. Low Fire Hazard Native Plant list was completed and approved at the last special meeting on 11/23. It will be given to AdHoc Fire committee and also added to CC page on Town web site. Many thanks to those who worked hard on this for more than a year, and to Megan Richards who added valuable information at last meeting. (Appendix F)
    - vi. Nature and Science – Murphy reports this committee is undergoing re-organization.
  - c. Milkweed/Monarchs – Gibson Anderson, Heiple, Kawaja
  - d. Tip of the Month – Magill : Planning your fire safe garden – roll out of Low Fire Hazard Plant list.
  - e. What's blooming now - Magill
  - f. Kudos - Plunder
  - g. What are our Singing Frogs doing now? Heiple reports that although the rains have begun, until there has been sufficient rain to create pools of water, the frogs will not migrate back to the Pond and begin their mating calls.
  - h. Predators / Rodenticides – nothing new.
7. New Business
- a. 2021 Membership. After decades of numerous valuable contributions, including initiating and overseeing the Backyard Habitat Program, Marge deStaebler will be retiring. After 2 years of hard work and pragmatic input, because of relocation to Patagonia for half of the year and responsibilities to her aging parents in Europe, Katharina Strohmeyer is retiring. Huge thanks to both who will be sorely missed. We will have a big GoodBye

- party when we can once again gather. Election of officers at January meeting.
- b. Dittrichia control on construction sites. (Appendix D) See 2.f.ii
  - c. Goals for 2021 (Appendix E) Deferred until January meeting.
8. Adjournment
  9. Next meeting: Tuesday, January 26, 2021 2:00 pm Zoom
    - a. NO DECEMBER MEETING

## **Appendix A**

Expensive removal of large undesirable Eucalyptus and Acacia trees in the ROW is generally followed by suckering regrowth of those trees unless stump grinding has been done. The regrowth results in trees that are multitrunked and less stable than the original, and contribute to the fire risk of ladder fuel. The worst example is the large multi trunk Eucalyptus that has grown at the corner of Portola Road and the lane to the tennis courts and equestrian center. These many trunks are now as tall as the original tree was, much less stable, much more flammable and will cost thousands of dollars to remove.

Conservation Committee proposes that Public Works establish a scheduled follow-up pruning of the regrowing suckers every 3 to 6 months for several years after tree removal as well as painting the fresh cuts with Round-up to reduce sprouting. With time, the tree will give up. Within one year the regrowth can reach 10 feet in height. If sucker removal is delayed for several years the suckers provide food and energy to the root system and the trees continue unchecked re-growing multi-trunked to substantial heights.

Modern planning software would make this very easy. Conservation Committee would be happy to advise with the creation of such a schedule.

## **Appendix B**

### **BOILERPLATE FOR SITE REPORTS - REVISED OCTOBER 2020**

#### **Goals of report:**

1. Guide ASCC in issuing conditions for approval of permits
2. Educate residents about site appropriate landscaping and plants.

**ALWAYS MAKE COPY AND WORK ON COPY NOT THIS BOILERPLATE!! This boilerplate is a guide to make sure we remember things and to provide uniformity to our reports. Please delete the sections that are not applicable.**

***3 members go on site visit – 1 a plant expert***

#### ***Leader:***

- ***arranges site visit***
- ***careful look at plan BEFORE meeting at site,***
- ***explain to others at the site, then do walkaround looking for issues not obvious from just the plan.***
- ***Bring to next CC meeting for group discussion unless:***

- *Simple and straightforward*
- *No time before ASCC meeting where it will be considered*
- *Lead discussion at CC meeting with annotated, marked up plan*
- *Write up report using boilerplate as guideline; circulate to other subcommittee members for editing.*
- *Send report to Chair who may edit and will send to Planning staff and full committee.*
- *Track when site to be considered by ASCC*

## **Preliminary Conservation Committee Comments**

address

date

Committee members at site visit:

**Volume of Grading - Need to include this only if the grading has impact on landscape or planting.** Otherwise delete.

### **Impermeable Surfaces**

Impermeable surfaces should be kept to a minimum. This plan has extensive patio/pathways/decking all laid on concrete pad base. Consideration should be given to having some large portion of this laid on a pervious base.

### **Landscape Plan:**

#### **Current Site:**

Several inappropriate specimens are currently growing here xx,yy,zz. the committee strongly suggests removal of (would have no objection should the property owner decide to remove) these shrubs/trees.

Redwoods planted in the fog belt or in riparian areas are local treasures. The redwoods on this property will never do well without copious irrigation, and will rapidly grow to create unwanted shade and problematic surface roots. The committee strongly recommends the removal of these redwoods.

XX and yy are on the Town's list of Discouraged Plants. We recommend they be removed. Good substitutes would be a.b.c...

Young bays are found on the property. They are more flammable than the older bays and create ladder fuel and should be removed. Older bays put the heritage oaks at risk of SOD and should be removed.

The following invasive weeds are seen on the property and should be eliminated. X,y,z. This will take continued attention to removal over several years.

#### **Proposed:**

We appreciate and encourage areas left open and native.

We appreciate limited amount of turf – suggest use only lowest water use varieties...

We appreciate that no turf is included in this plan.

As the ground is disturbed by construction it is especially vulnerable to invasives like *Dittrichia*. This should be watched for and carefully eliminated before seeding during construction and for a few years following.

Planting in Right of Way should be minimal, drought tolerant and low maintenance. Native grasses and wildflowers are appreciated here.

Screening from neighbors is adequate except xxx

Only for properties abutting Jasper Ridge or Open Space: This property is adjacent to invaluable wildland. Given the potential risks posed by *P. ramorum* and other pathogenic *Phytophthora* species, planting nursery stock in and near native woodlands should be avoided in general. Nursery-grown plants should not be used where spores produced on the plants could be dispersed into native stands or where contaminated soil or water runoff from the planted area can reach native stands.

Only for properties that have swales that drain to creeks and have animal enclosures - horses, goats: Swales that drain to seasonal tributaries of creeks should be protected from toxic materials and animal waste runoff.

### **Plants List**

We appreciate that a good percentage of the plants are native.

The non natives are appropriately low water use and not invasive, except xxx . Consider substituting non invasives like xx, yy

Some of the proposed plants require considerable water and are not appropriate in our Mediterranean climate. Consider substituting more water efficient plants like xx and yy

Are there native species that might make good substitutes?

Unless riparian: This property is not in a riparian area. Due to the spreading of Sudden oak death (SOD) through bay trees and the lack of natural water, the committee discourages planting a bay tree on this property.

*Carex tumulicola* is on the Town discouraged list because too few available nursery plants are actually true Berkeley Sedge; almost all sold under this name are actually the invasive *C. divulsa*. Substitute we suggest is Deerweed (*Acmispon glaber*, previously *Lotus scoparius*).

We recommend checking with the nursery to make sure that the Olive species is truly the sterile species and will not be invasive as most are.

Suggested substitute shrubs:

-Toyon (*Heteromeles arbutifolia*), which might eventually reach 20' tall. -Sugar Bush (*Rhus ovata*) is a first rate landscape bush to 15'-18'

-Lemon Berry Bush (*Rhus integrifolia*) can reach 18'.

-Hollyleaf Cherry (*Prunus ilicifolia*) to 18'

-Catalina Cherry (Prunus lyoni) to 25'-40'.

The plants chosen for area xyz do not have the same water and light requirements and will not do well long term as a result.

There is not enough room allowed for the plants to grow and mature – we suggest planting with less density in area xx.

The native trees on the property will receive too much summer water to maintain their health with the current irrigation plan.

Thought should be given to establishing a new generation of oaks to replace the older ones as they age. They are best grown from acorns from existing trees.

### **Fencing**

The Committee strongly discourages perimeter fencing. Wildlife corridors are essential.

We appreciate the corridors left for wildlife.

### **NATIVE AREAS**

In addition to the landscaped areas detailed in the submitted plan, there is an area (approximate size = ) of open and uncultivated hillside/land. It is currently primarily xxx habitat, in (undisturbed/good/fair/poor) condition.

The committee strongly recommends that this area remain undisturbed and the following steps taken to move it even closer to a native condition, both to preserve the rural atmosphere of the neighborhood and to provide habitat for local wildlife:

1. Removal of invasive plants xx, yy and zz.
2. Careful protection and maintenance of xx, yy and zz
3. Any additional plantings are discouraged and should be strictly limited to materials on the Town Native Plant List, and appropriate to the existing habitat.
4. Any paths should be of only pervious material.
5. Fire mitigation should be mindful and focus on removing fire ladders and opening breaks between clumps of vegetation while preserving important habitat.
6. Any work done on the property should fully protect this area from the effects of construction debris and runoff. Large machinery should not be allowed in this area, even for access – alternative routes should be used. Erosion control should be carefully implemented.

### **Lighting**

The lighting fixtures are appropriate and minimize light spread.

The number of light fixtures are appropriate except: xxx

### **KEY CONCERNS:**

- 1.
2. etc

Or: We have no major concerns about this application.

The Committee would like to accompany ASCC on their site visit to see if additional comments from us are warranted.

Submitted by \_\_\_\_\_

## **APPENDIX C**

Revised List of Significant Trees / Shrubs  
PROPOSED – Feb 24, 2020

<b>CC Recomm.</b>		<b>Circumference</b>	<b>Diameter</b>
Keep	Coast Live Oak ( <i>Quercus agrifolia</i> )	36"	11.5"
Keep	Black Oak ( <i>Quercus kelloggii</i> )	36"	11.5"
Keep	Valley Oak ( <i>Quercus lobata</i> )	36"	11.5"
Keep	Blue Oak ( <i>Quercus douglasii</i> )	16"	5.0"
Keep	Coast Redwood ( <i>Sequoia sempervirens</i> )	54"	17.2"
Keep	Douglas Fir ( <i>Pseudotsuga menziesii</i> )	54"	17.2"
Remove	<del>California Bay Laurel (<i>Umbellularia californica</i>)</del> — (If multiple trunk, measurements pertain to largest trunk)	<del>36"</del>	<del>11.5"</del>
Keep	Big Leaf Maple ( <i>Acer macrophyllum</i> )	24"	7.6"
Keep	Madrone ( <i>Arbutus menziesii</i> )	24"	7.6"
Add	Golden Oak ( <i>Quercus berberidifolia</i> )	6.3"	2.0"
Add	Leather Oak ( <i>Quercus durata</i> )	6.3"	2.0"
Add	Coastal Scrub Oak ( <i>Quercus dumosa</i> )	6.3"	2.0"
Add	Manzanita ( <i>Arctostaphylos spp.</i> ) – mature shrubs	All	All

## **Appendix D**

Planning Dept boilerplate conditions:

Current wording:

#3 Special attention shall be taken to keep invasive plant materials from entering the project site on construction equipment. Existing invasive plants shall be removed from the project site prior to final inspection.

Suggest change to:

Existing invasive plants shall be removed before they seed from the project site once the building or demolition permit has been issued, prior to beginning grading, demolition, or construction, yearly during prolonged construction, and prior to final inspection and for 2 years following completion.

Special attention shall be taken to keep invasive plant materials from entering the project site on construction equipment. Invasives of concern include Dittrichia (stinkwort) and thistles.

## **Appendix E**



## **Draft GOALS FOR 2021**

### **TASKS:**

#### **Mandated:**

Advisory function  
ASCC – landscape review: site visits and report  
Tree Removal Permits  
Public Works consultations  
Annual Report to Town Council  
Budget

#### **Requested:**

Town Owned properties Comprehensive Plan – Murphy, deStaebler, Magill  
Open Space oversight –

##### **Most Important**

*SpringDown* - Plunder; Murphy, Chiariello, Heiple

*Town Center* – Murphy, Chiariello, Magill

*Frog Pond* – Heiple, Murphy, Chiariello

*Rossotti's Field* – deStaebler, Walz

*Ford Field* – deStaebler, Walz

*Triangle Park* – Murphy, Heiple

##### **Intermediate**

*Blue Oaks/Lost Trancos Pond* - Murphy, Walz

*Dengler* - Heiple, Magill

*Shady Trail parklet* – Plunder, with Open Space and

Lipman

*Roadside strips* – Chiariello

#### **Committee Initiated:**

Liaison to other committees:

Trails – Stromeyer

Sustainability – Murphy

Parks and Rec –

Open Space - Chiariello

Broom Pull – all

Earth Day/Town Picnic Day - all

BYH – deStaebler

Tip of Month –Magill

What's Blooming now - Magill

Kudos of Month - Plunder

Monarch Butterfly support – Murphy/Heiple with Anderson, Kajawa

Weed seedling Information Sheet – Heiple/Plunder

Guide to Town Center plantings brochure– Chiariello

Poison Bait advisory – Chiariello, deStaebler, Heiple

Web site upgrade – Plunder, Chiariello

Native and low water use Garden tour (with Sustainability) – Murphy,  
deStaebler

Dittrichia control - Plunder

## APPENDIX F

Low Fire Hazard California Native Plant list - Portola Valley Conservation Committee					Version 24 Nov 2020
Common name	Scientific name	Local Native	Light requirement	Comments	
Local native plants are California natives currently found in or likely to become naturalized in Portola Valley habitats					
Some species of listed plants are very sensitive to local conditions; before selecting plants, carefully check their suitability for the intended location					
Trees require trimming, clean up of dead branches and limbing up to avoid ladder fuel; shrubs require removal of dead wood					
Many of the listed plants can be found in the Portola Valley Town Center demonstration gardens					
<b>Trees</b>					
California Buckeye	<i>Aesculus californica</i>	yes	sun, part shade		
Madrone	<i>Arbutus menziesii</i>	yes	sun, part shade	difficult to plant or transplant	
Oak, Coast Live	<i>Quercus agrifolia</i>	yes	sun, part shade		
Oak, Blue	<i>Quercus douglasii</i>	yes	sun, part shade		
Oak, Black	<i>Quercus kelloggii</i>	yes	sun, part shade		
Oak, Valley	<i>Quercus lobata</i>	yes	sun		
Oak, Canyon Live	<i>Quercus chrysolepis</i>	yes	sun, part shade		
Oak, Interior Live	<i>Quercus wislizeni</i>	yes	sun, part shade		
<b>Trees, Riparian</b>					
Coast Redwood	<i>Sequoia sempervirens</i>	yes	sun or shade		
Maple, Big Leaf	<i>Acer macrophyllum</i>	yes	sun, part shade		
Oregon Ash	<i>Fraxinus latifolia</i>	yes	sun, part shade		
Willow, Arroyo	<i>Salix lasiolepis</i>	yes	sun		
Willow, Red	<i>Salix laevigata</i>	yes	sun		
Willow, Sandbar	<i>Salix exigua</i>	yes	sun		
Willow, Scouler's	<i>Salix scouleriana</i>	yes	sun		
Willow, Shining	<i>Salix lasiandra</i>	yes	sun		
Willow, Sitka	<i>Salix sitchensis</i>	yes	sun		

Low Fire Hazard California Native Plant list - Portola Valley Conservation Committee					Version 24 Nov 2020
Common name <i>Scientific name</i> Local Native Light requirement					Comments
<b>Shrubs</b>					
	Beargrass	<i>Nolina bigelovii</i>	no	sun	
	Blue Witch	<i>Solanum umbelliferum</i>	yes	sun, part shade	
	Island Bush Poppy	<i>Dendromecon harfordii</i>	no	sun	
	Bush Poppy	<i>Dendromecon rigida</i>	yes	sun	
	California Lilac	<i>Ceanothus</i> spp.	yes	sun	short lived; difficult to transplant
	Coffeeberry	<i>Frangula californica</i> ( <i>Rhamnus californica</i> )	yes	sun, part shade	
	Chaparral Currant	<i>Ribes malvaceum</i>	yes	sun, part shade	
	Holly-leaved Cherry	<i>Prunus ilicifolia</i>	yes	sun, part shade	
	Lemonade Berry	<i>Rhus integrifolia</i>	no	sun, part shade	
	Mountain Grape	<i>Berberis aquifolium</i>	no	sun, part shade	
	Parry's Nolina	<i>Nolina parryi</i>	no	sun	native to Ca deserts
	Pacific Aster	<i>Symphyotrichum chilense</i>	yes	sun, part shade	tendency to spread
	Pacific Rhododendron	<i>Rhododendron macrophyllum</i>		part shade	evergreen
	Silk Tassel Bush	<i>Garrya elliptica</i>	yes	sun, part shade	
	Spiny Redberry	<i>Rhamnus crocea</i>	yes	sun, part shade	
	Snowberry	<i>Symphoricarpos albus</i>	yes	shade, part shade	
	Toyon	<i>Heteromeles arbutifolia</i>	yes	sun, part shade	
	Western Azalea	<i>Rhododendron occidentale</i>	yes	part shade	deciduous
	Western Redbud	<i>Cercis occidentalis</i>	yes	sun, part shade	

<b>Low Fire Hazard California Native Plant list - Portola Valley Conservation Committee</b>	Version 24 Nov 2020
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Common name		Scientific name	Local Native	Light requirement	Comments
Wood Rose		<i>Rosa gymnocarpa</i>	yes	sun, part shade	
Bush Anemone		<i>Carpenteria californica</i>	no	part shade	
Sugar Bush		<i>Rhus ovata</i>	no	sun, part shade	
St. Catherine's Lace		<i>Eriogonum giganteum</i>	no	sun	
Coast Buckwheat		<i>Eriogonum latifolium</i>	yes	sun	
Golden Buckwheat		<i>Eriogonum luteolum</i>	yes	sun	
Nude Buckwheat		<i>Eriogonum nudum</i>	yes	sun	
Slender Woolly Buckwheat		<i>Eriogonum gracile</i>	yes	sun	
Santa Cruz Island Buckwheat		<i>Eriogonum arborescens</i>	no	sun	
Summer Holly		<i>Comarostaphylis diversifolia</i> , <i>Comarostaphylis planifolia</i>	no	sun, part shade	
<b>Shrubs, Riparian</b>					
Blue Elderberry		<i>Sambucus mexicana</i>	yes	sun, part shade	
California Barberry		<i>Berberis pinnata</i>	yes	sun, part shade	
Creek Dogwood		<i>Cornus sericea</i>	yes	sun, part shade	
Flowering Currant		<i>Ribes sanguineum</i> var. <i>glutinosum</i>	yes	sun, part shade	
Mock Orange		<i>Philadelphus lewisii</i>	no	sun, part shade	

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Low Fire Hazard California Native Plant list - Portola Valley Conservation Committee				Version 24 Nov 2020	
Common name		Scientific name	Local Native	Light requirement	Comments
<b>Ground Covers, Perennials and Bunchgrasses</b>					
Beach Aster		<i>Erigeron glaucus</i>	yes	sun, part shade	
Beach Strawberry		<i>Fragaria chiloensis</i>	yes	sun, part shade	
Bearberry		<i>Arctostaphylos uva-ursi</i>	yes	sun, part shade	
Beardtongue		<i>Penstemon heterophyllus</i> <i>Penst. eatonii</i> , <i>Penst. monrovia</i>	no	sun	
Blue Eyed Grass or Grass Iris		<i>Sisyrinchium bellum</i>	yes	sun	

California Buttercup	<i>Ranunculus californicus</i>	yes	sun, part shade	
California Fescue	<i>Festuca californica</i>	yes	sun, part shade	cut back annually; irrigate
California Fuchsia	<i>Epilobium canum</i>	yes	sun	
California Goldenrod	<i>Solidago californica</i>	yes	sun, part shade	invasive
California Poppy	<i>Eschscholzia californica</i>	yes	sun	
Checkerbloom	<i>Sidalcea malviflora</i>	yes	sun, part shade	
Common Lippia	<i>Phyla nodiflora</i>	no	sun	
Common Thrift	<i>Armeria maritima</i>	yes	sun	
Coral Bells	<i>Heuchera sanguinea</i>	no	sun, part shade	
Coreopsis	<i>Leptosyne</i> spp.	no	sun	
Coyote Mint	<i>Monardella villosa</i>	yes	sun, part shade	
Creeping Oregon Grape/Dwarf Mahonia	<i>Berberis aquifolium</i> var <i>repens</i>	no	sun, part shade	invasive by underground runners
Creeping Sage	<i>Salvia sonomensis</i>	no	sun, part shade	prune vigorously to remove dead material
Creeping Snowberry	<i>Symphoricarpos mollis</i>	yes	part shade	
Crevice Alumroot	<i>Heuchera micrantha</i>	yes	sun, part shade	
Deer Grass	<i>Muhlenbergia rigens</i>	no	sun	cut back annually; irrigate
Dudleya	<i>Dudleya cymosa</i>	no	sun	
Foothill (Sanddune) Wallflower	<i>Erysimum capitatum</i>	yes	sun	
Golden Yarrow	<i>Eriophyllum confertiflorum</i>	yes	sun	
Gumplant	<i>Grindelia stricta</i>	yes	sun, part shade	
Hummingbird Sage	<i>Salvia spathacea</i>	yes	shade, part shade	needs moisture

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<b>Common name</b>	<b>Scientific name</b>	<b>Local Native</b>	<b>Light requirement</b>	<b>Comments</b>
Ithuriel's Spear	<i>Triteleia laxa</i>	yes	sun	
Lizard Tail	<i>Eriophyllum staechadifolium</i>	yes	sun, part shade	

Lupine	<i>Lupinus formosus</i> , <i>Lup. albiflorus</i>	yes	sun	
Red Fescue	<i>Festuca rubra</i>	yes	sun, part shade	
Spreading Rush	<i>Juncus patens</i>	yes	sun	
Sticky Monkeyflower	<i>Diplacus aurantiacus</i> ( <i>Mimulus a.</i> )	yes	sun	
Yellow Stonecrop	<i>Sedum spathulifolium</i>	yes	sun, part shade	
Western Sword Fern	<i>Polystichum munitum</i>	yes	part shade	
Western Bleeding Heart	<i>Dicentra formosa</i>	yes	part shade	
Western Columbine; Crimson Columbine	<i>Aquilegia formosa</i>	yes	sun, part shade	
White Brodiaea	<i>Triteleia hyacinthina</i>	yes	sun	
Wild Ginger	<i>Asarum caudatum</i>	yes	sun, part shade	
Wood Strawberry	<i>Fragaria vesca</i>	yes	sun, part shade	
Yarrow	<i>Achillea millefolium</i>	yes	sun	
Yelloweyed Grass	<i>Sisyrinchium californicum</i>	yes	sun, part shade	
Yerba Buena	<i>Clinopodium douglasii</i> ( <i>Satureja douglasii</i> )	yes	part shade	

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<b>Low Fire Hazard California Native Plant list - Portola Valley Conservation Committee</b>				Version 24 Nov 2020
<b>Common name</b>	<b>Scientific name</b>	<b>Local Native</b>	<b>Light requirement</b>	<b>Comments</b>
<b>Bulbs, tubers, vines</b>				
Iris, Central Coast	<i>Iris longipetala</i>	yes	shade, part shade	
Iris, Douglas	<i>Iris douglasii</i>	yes	sun, part shade	
Iris, Fernald's	<i>Iris fernaldii</i>	yes	sun, part shade	
Iris, Ground	<i>Iris macrosiphon</i>	yes	sun, part shade	
Pink or Hairy Honeysuckle	<i>Lonicera hispidula</i>	yes	sun, part shade	leggy and vigorous spreader
Star Lily	<i>Toxicoscordion fremontii</i> ( <i>Zigadenus fremontii</i> )	yes	sun	poisonous