
Introduction

Open Space Sausalito has started eradicating invasive, non-native plants from the Saucelito Creek Wildlife Refuge including French Broom, Himalayan Blackberry, and ivy, and replacing them with plants native to Sausalito. This document describes the native plants we will use in the restoration, and where we will place the plants within the refuge.

For each selected plant, we show a photo and the following attributes: the common and scientific names, the animals it benefits, flower color and blooming season, plant height and width, whether it grows in sun, part shade, or shade, compatible plants, and fire resistance.

The Saucelito Creek Wildlife Refuge can be thought of as consisting of four parts:

1. The Flatlands which historically have been occupied by French Broom and Himalayan Blackberry;
2. The Meadow where currently non-native grasses grow;
3. The Hillside which is currently covered with ivy;
4. The Creek and Creek Banks which are currently overgrown with Himalayan Blackberry.

Each of these regions will have a different set of plants and its own plant layout. Each region's plants will be described in the subsequent sections.

The plant attributes are from calscape.org, and the fire resistance information is from www.laspilitas.com/easy/deerfire.htm.

The Flatlands

Introduction

The Flatlands is about one-third of an acre and contains a Himalayan Blackberry patch (one-fourth of an acre) and a smaller section of French Broom which was removed in the Spring 2018. The region is roughly rectangular and about 160' by 90'. For planting purposes, we subdivide it into three sections:

1. The Outer Rim - a 10' wide strip along the outer perimeter that will contain large shrubs about 8' tall and 8' wide such as Manzanita, Huckleberry, Coffeeberry, and Ceanothus. These plants are attractive to butterflies and will provide nesting sites for birds.
2. The Inner Rim - a 5' wide strip just inside the Outer Rim that will contain shorter shrubs, 3' to 5' tall, that are compatible with the outer rim shrubs. Inner Rim plants include Deerweed, California Buckwheat, Monkeyflower, and Pearly Everlasting.
3. Interior - the bulk of the flatlands will contain roughly twenty "Blueblossom Mounds" each of which is about 25' in diameter and consists of large shrubs in its center surrounded by wildflowers and smaller plants attractive to Monarch Butterflies and Mission Blue Butterflies.

The Flatlands

Outer Rim - Tall Plants



Mulefat or Coyote Brush (*Baccharis salicifolia*)

Monarch butterflies, birds, bees

Flower: Pink, White, Yellow in Winter, Spring, Summer, and Fall.

6' - 12' tall, 3' - 9' wide

Sun

Grows near Red Willow, Black Willow, Sandbar Willow



Mulefat or Coyote Brush (*Baccharis salicifolia*)



Coffeeberry (*Rhamnus californica* or *Frangula californica* ssp. *californica*)

Butterflies, birds, bees, deer resistant, fire resistant.

Flowers in Spring and Summer.

6' - 15' tall, 6' - 15' wide

Makes a great and fire resistant hedge (Calscape), and on Fire Safe San Mateo's list.



Coffeeberry (*Rhamnus californica* or *Frangula californica* ssp. *californica*)



Red Flowering Currant (*Ribes sanguineum*)

Monarch butterflies, birds, hummingbirds, bees, deer resistant.

Flowers: Red, Pink, Purple in Winter and Spring.

6.5' - 13' tall, 7' wide

Part Shade

Grows near Coffeeberry, Ceanothus, and Manzanita.



California Yerba Santa (*Eriodictyon californicum*)

Use California Yerba Santa as an alternative to Red Flowering Current in areas that get full sun.

Butterflies, bees, deer resistant.

Flower: Purple, Blue, Pink, White in Spring.

3.3' - 10' tall, 3' wide

Sun, Part Shade

Grows near Buck Brush Ceanothus.



California Yerba Santa (*Eriodictyon californicum*)



Buck Brush Ceanothus (*Ceanothus cuneatus*)

Monarch butterflies, birds, bees, deer resistant.

Flowers in Winter, Spring, and Summer.

5' - 12' tall, 5' - 12' wide

Sun

Grows near Manzanita and Coffeeberry.



Buck Brush Ceanothus (*Ceanothus cuneatus*)



Common Manzanita (*Arctostaphylos manzanita*)

Butterflies, birds, hummingbirds, bees, deer resistant

Flowers: White, Green in Winter and Spring

6' - 20', 10' wide

Sun, Part Shade

Grows near California Buckwheat, Huckleberry, Red Flowering Currant, and California Yerba Santa.



Common Manzanita (*Arctostaphylos manzanita*)



Arroyo de la Cruz Ceanothus (*Ceanothus thyrsiflorus* 'Arroyo de la Cruz')

Monarch butterflies, birds, bees

4' tall, 8' wide

Sun, Part Shade

Plants in the Ceanothus genus are host plants to the Spring Azure, Echo Blue, Pacuvius Duskywing, California Tortoiseshell, Pale Swallowtail, and Hedgerow Hairstreak butterflies.



Arroyo de la Cruz Ceanothus (*Ceanothus thyrsiflorus* 'Arroyo de la Cruz')



Golden Fleece (*Ericameria arborescens*)

Rarely available from nurseries.

Monarch butterflies, deer resistant.

Flower: Yellow

6.6' - 10' tall

Sun, Part Shade

Grows in chaparral communities and open woodlands.



Silver Lupine (*Lupinus albifrons*)

Butterflies including Mission Blue, birds, bees, deer resistant.

Flowers: Blue, Lavender, Purple in Winter, Spring and Summer.

3' - 5' tall

Sun

Grows near Ceanothus and Buckwheat. Has many companion plants.



Silver Lupine (*Lupinus albifrons*)



California Buckwheat (*Eriogonum fasciculatum* var. *fasciculatum*)

Butterflies, birds, bees, deer resistant.

Best in full sun, tolerates part-day sun.

2' - 6.6' tall, 3' wide

Flowers: Long-flowering, white, pink, then rust colored flowers in Spring, Summer, and Fall.

Grows near Ceanothus and Manzanita.



California Buckwheat (*Eriogonum fasciculatum* var. *fasciculatum*)



Another **Common Manzanita** (*Arctostaphylos manzanita*)

Grows near California Buckwheat, Huckleberry, Red Flowering Currant, and California Yerba Santa. Coffeeberry will probably work, too.



Huckleberry (*Vaccinium ovatum*)

Butterflies, birds, hummingbirds, deer resistant

Flowers: White, black, blue urn-shaped flowers in Winter and Spring.

1.6' - 8' tall, 15' wide

Part shade, Sun

Grows near Manzanita.



Huckleberry (*Vaccinium ovatum*)

Start over at the top but skip Mulefat since it only grows near water. Resume with one of these options:

1. Coffeeberry, in which case skip Huckleberry above.
2. Red Flowering Currant in part shade (use Huckleberry and skip Coffeeberry) .
3. California Yerba Santa in full sun (use Huckleberry and skip Coffeeberry) .

The Flatlands

Inner Rim - Medium Size Plants

These medium size plants are placed in an arc directly in front of the tall outer rim plants that surround The Flatlands.



Silver Lupine (*Lupinus albifrons*)

Butterflies, birds, bees, deer resistant

Flowers: Blue, Lavender, Purple in Winter, Spring and Summer.

3' - 5' tall

Sun

Grows with many plants.

Place in front of Red Flowering Current



Deerweed (*Acmispon glaber*)

Butterflies, bees; it is host plant to Bramble Hairstreak, Afranius Duskywing, Persius Duskywing, and Acmon Blue butterflies. It is a nectar plant for other butterflies including the Chalcedon Checkerwing.

Flowers: Yellow in Winter, Spring and Summer.

2' tall, 3' wide

Grows with virtually any other native.

Place in front of Buck Brush Ceanothus.



Deerweed (*Acmispon glaber*)



California Goldenrod (*Solidago velutina*)

Nectar plant for Monarchs and Skipper butterflies, host for Northern Checkerspot; bees.

Flower: Yellow in Summer and Fall.

0.7' - 3' tall

Grows with a variety of native plants.

Place in front of first Manzanita.



Golden Yarrow (*Eriophyllum confertiflorum*)

Butterflies, bees, deer resistant.

Flowers: Yellow in Winter, Spring, Summer

1.6' - 2.3' tall, 1.5' wide

Sun

Grows with Manzanita, Ceanothus, Monkeyflower, native grasses.

Place in front of Blueblossom Ceanothus.



Monkeyflower (*Mimulus aurantiacus*)

Butterflies, birds, hummingbirds, bees, deer resistant.

Flowers: Orange, Yellow in Winter, Spring, and Summer.

3.9' - 5' tall, 5' wide

Sun, Part Shade

Fire resistance: 60 and on Marin Firesafe's list.

Grows with Coyote Mint, California Fuchsia, Golden Yarrow, California Wild Rose, Franciscan Manzanita, Torrey's Melicgrass. Grows in many habitats and is associated with many plants.



Pearly Everlasting (*Anaphalis margaritacea*)

Butterflies, deer resistant.

Flower: Yellow, White in Summer

3' - 4' tall, 4' wide

Sun, Part Shade

Grows with many forest, woodland and chaparral plants of Coastal Range.

Place in front of Silver Lupine.



Coyote Mint (*Monardella villosa*)

Butterflies, birds, hummingbirds, bees, deer resistant.

Flower: Pink, Lavender in Summer.

2' tall, 3' wide

Sun, Part Shade

Use along paths or in front of larger shrubs where their fragrance can be appreciated and butterflies can be observed. Use with other low growing perennials, annuals, native grasses, or succulents including: low-growing Buckwheats, groundcover Manzanitas, California Poppy, Monkeyflower, Blue-eyed Grass.

Place in front of California Buckwheat.



Coyote Mint (*Monardella villosa*)



Creeping Blueblossom (*Ceanothus thyrsiflorus* var. *thyrsiflorus*)

Butterflies, birds, bees.

Flower: white, light blue, dark blue or purple.

2' - 3' tall, 6' - 10' wide.

Grows with Manzanita, Coffeeberry, Silver Lupine.

Place in front of second Manzanita and Huckleberry or Coffeeberry.

The Flatlands

Blueblossom Mounds and surrounding Wildflowers

The Himalayan Blackberry currently grow in a quarter acre area about 140' wide by 90' deep. As the blackberry is eradicated it will be replaced with "Blueblossom Mounds", a roughly 25' diameter circular set of plants arranged in a target pattern. The bullseye of the target will contain two plants, an Arroyo de la Cruz, a variant of *Ceanothus thrysiflorus*, and a Buck Brush *Ceanothus*. Each is about 8' in diameter. These will be surrounded by some small and medium size nectar plants and wildflowers. I call these "mounds" because the taller plants will be located in the center, and the plants will shrink in size as you move outward.

The first ring around the Blueblossom bullseye will contain California Goldenrod, Pearly Everlasting, Western Goldenrod, Golden Fleece, California Buckwheat, California Fuchsia, Silver Lupine, and Deerweed. The *Ceanothus* and the first three plants are from Xerces' list of Monarch plants. NPS Ranger Mia Monroe recommends the Golden Fleece, and the next two (Buckwheat and Fuchsia) are from Calscape.org's list of Monarch plants. The Silver Lupine attracts Mission Blue butterflies. These plants are about 4' tall.

The next ring contains smaller plants: California Aster, Sandaster, Monkeyflower, Summer Lupine, Multicolored Lupine, California Poppy, and Golden Yarrow. The first two are from Xerces' and the Monkeyflower is from Calscape's Monarch lists. These plants are 2' to 3' tall.

Additional Xerces' Monarch plants will be placed between the mounds as described in the next section.

In the first year we planted a test mound in the southeast corner of the flatlands where some French Broom was eradicated. I estimate it will take about twenty mounds to fill out the Himalayan Blackberry area.



Arroyo de la Cruz Ceanothus (*Ceanothus thyrsiflorus*)

Monarch butterflies, birds, bees

4' tall, 8' wide

Sun, Part Shade

Plants in the Ceanothus genus are host plants to the Spring Azure, Echo Blue, Pacuvius Duskywing, California Tortoiseshell, Pale Swallowtail, and Hedgerow Hairstreak butterflies.



Arroyo de la Cruz Ceanothus (*Ceanothus thyrsiflorus* var.)



Buck Brush Ceanothus (*Ceanothus cuneatus*)

Monarch butterflies, birds, bees, deer resistant.

Flowers in Winter, Spring, and Summer.

5' - 12' tall, 5' - 12' wide

Sun

Grows near Manzanita and Coffeeberry.



California Goldenrod (*Solidago velutina*)

Nectar plant for Monarchs and Skipper butterflies, host for Northern Checkerspot; bees.

Flower: Yellow in Summer and Fall.

0.7' - 3' tall

Grows with a variety of native plants.



Pearly Everlasting (*Anaphalis margaritacea*)

Butterflies, deer resistant.

Flower: Yellow, White in Summer

3' - 4' tall, 4' wide

Sun, Part Shade

Grows with many forest, woodland and chaparral plants of the Coastal Range.



Golden Fleece (*Ericameria arborescens*)

Rarely available from nurseries.

Monarch butterflies, deer resistant.

Flower: Yellow

6.6' - 10' tall

Sun, Part Shade

Grows in chaparral communities and open woodlands.



Western Goldenrod (*Euthamia occidentalis*)

Requires moderate to high water and moist soil.

Monarch butterflies.

Flower: Yellow, Green in Summer and Fall.

Sun



California Buckwheat (*Eriogonum fasciculatum* var. *fasciculatum*)

Butterflies, birds, bees, deer resistant.

Best in full sun, tolerates part-day sun.

2' - 6.6' tall, 3' wide

Flowers: Long-flowering, white, pink, then rust colored flowers in Spring, Summer, and Fall.

Grows near Ceanothus and Manzanita.



California Fuchsia (*Epilobium canum*)

Monarch butterflies, birds, hummingbirds, deer resistant.

Flower: Red in Summer and Fall

0.25 - 1.5' tall, 2 - 3' wide

Grows with Blue-eyed Grass, Monkeyflower, Sand Aster, Buckwheat, Milkweed.



Silver Lupine (*Lupinus albilfrons*)

Butterflies including Mission Blue, birds, bees, deer resistant

Flowers: Blue, Lavender, Purple in Winter, Spring and Summer.

3' - 5' tall

Sun

Grows near Ceanothus and Buckwheat. Has many companion plants.



Deerweed (*Acmispon glaber*)

Butterflies, bees; it is host plant to Bramble Hairstreak, Afranius Duskywing, Persius Duskywing, and Acmon Blue butterflies. It is a nectar plant for other butterflies including the Chalcedon Checkerwing.

Flowers: Yellow in Winter, Spring and Summer.

2' tall, 3' wide

Grows with virtually any other native.



California Aster (*Symphyotrichum chilense*)

Monarch butterflies, birds, bees, deer resistant.

Flowers: Blue, Lavender, Yellow in Summer

1.3' - 3.3' tall, 3' wide

Sun, Part Shade



Common Sandaster (*Corethrogyne filaginifolia*)

Monarch butterflies, birds, bees, deer resistant.

Flowers: pink, purple, white in Summer, Fall, Winter.

1' to 3' tall

Sun, Part Shade

Grows with Buckwheat, Sticky Monkeyflower



Monkeyflower (*Mimulus aurantiacus*)

Butterflies, birds, hummingbirds, bees, deer resistant.

Flowers: Orange, Yellow in Winter, Spring, and Summer.

3.9' - 5' tall, 5' wide

Sun, Part Shade

Fire resistance: 60 and on Marin Firesafe's list.

Grows with Coyote Mint, California Fuchsia, Golden Yarrow, California Wild Rose, Franciscan Manzanita, Torrey's Melicgrass. Grows in many habitats and is associated with many plants.



Summer Lupine (*Lupinus formosus*)

Poisonous especially when young.

Butterflies, birds, bees.

Flowers: Purple in the Summer and Fall.

0.7' - 2.6' tall

Sun

Fire resistance: on Marin Firesafe list.



Manycolored Lupine (*Lupinus variicolor*)

Rarely available at nurseries.

Birds, bees.

Flowers: Lavender, White



California Poppy (*Eschscholzia californica*)

Butterflies, birds, bees, deer resistant.

Flower: Orange, Yellow in Winter, Spring, Summer and Fall

0.16' - 2' tall, 1' - 2' wide

Does best in Full Sun, tolerates Part Shade.

Grows with Lupine, California Buckwheat, California Fuchsia.



Golden Yarrow (*Eriophyllum confertiflorum*)

Butterflies, bees, deer resistant.

Flowers: Yellow in Winter, Spring, Summer

1.6' - 2.3' tall, 1.5' wide

Sun

Grows with Manzanita, Ceanothus, Monkeyflower, native grasses.

The Flatlands

Periphery - Blue-eyed Grass and Small Wildflowers

Blue-eyed Grass and small wildflowers are placed in between the Arroyo de la Cruz mounds, and in between the meadow and the mounds. This arrangement is nice because the Blue-eyed Grass can be used as a background or groundcover, and each of the wildflowers (Coyote Mint, California Fuchsia, Common Woolly Sunflower, and California Buttercup) is compatible with Blue-eyed Grass.

Other parts of the periphery can be filled with 6' diameter circles containing a single wildflower such as Silver Lupine, Summer Lupine, Manycolored Lupine, Pearly Everlasting, California Aster, Sandaster, Harvest Brodiaea (*Brodiaea elegans*), and California Poppy.



Blue-eyed Grass (*Sisyrinchium bellum*)

Grows with Coyote Mint, California Fuchsia, Common Woolly Sunflower, California Buttercup, Clustered Field Sedge.



Blue-eyed Grass (*Sisyrinchium bellum*)



Coyote Mint (*Monardella villosa*)

Butterflies, birds, hummingbirds, bees, deer resistant.

Flower: Pink, Lavender in Summer.

2' tall, 3' wide

Sun, Part Shade

Use along paths or in front of larger shrubs where their fragrance can be appreciated and butterflies can be observed. Use with other low growing perennials, annuals, native grasses, or succulents including: Blue-eyed Grass, low-growing Buckwheats, groundcover Manzanitas, California Poppy, Monkeyflower.



Coyote Mint (*Monardella villosa*)



California Fuchsia (*Epilobium canum*)

Monarch butterflies, birds, hummingbirds, deer resistant.

Flower: Red in Summer and Fall

0.25 - 1.5' tall, 2 - 3' wide

Grows with Blue-eyed Grass, Monkeyflower, Sandaster, Buckwheat, Milkweed.



Common Woolly Sunflower (*Eriophyllum lanatum*)

Flower: Yellow in Spring and Summer

Monarch butterflies, bees, deer resistant.

Sun, Part Shade

1' - 3.3' tall, 2' wide

Grows with Blue-eyed Grass, Lupines, Penstemon, Madrone, California Bay Laurel, Toyon.



California Buttercup (*Ranunculus californicus*)

Bees

Flower: Yellow in Winter and Spring.

0.6' - 2.3' tall, 0.5' wide

Sun, Part Shade

Grows with Blue-eyed Grass.



California Buttercup (*Ranunculus californicus*)

The Flatlands

The Edge and Barrier - Madrone and California Wildrose

The Edge is the 20' wide strip of land on the south side of The Flatlands between The Outer Rim and the tall eucalyptus trees at the bottom of the hillside. Once we eradicate all the Himalayan Blackberry from The Flatlands we will need some other barrier plant to keep out trespassers. California Wildrose is dense and thorny and should make a good barrier as long as we can control its spread. Another advantage is that it is one of the few plants that grow beneath Eucalyptus. We can also plant a few Madrone trees in front of the Eucalyptus trees so that in 15 to 20 years we can consider removing the Eucalyptus and Acacia trees, both of which are a fire concern and unpopular among those who promote native plant restoration.



California Wildrose (*Rosa californica*)

Butterflies, birds, bees, deer resistant, hedges.

A deciduous thicket-forming shrub with prickly, curving stems. The plant is native to arid regions and can survive drought, but it grows most abundantly in moist soils near water sources. It is most often used as a barrier planting in a garden where it can be allowed to form a large thicket. It can go summer dormant (or partially) if it doesn't get enough water.

Flower: Red, Pink, White in Spring and Summer

8' - 10' tall, 10' wide

Grows with Huckleberry, Common Snowberry.

Fire resistance: on Fire Safe San Mateo's list.



Madrone (*Arbutus menziesii*)

Butterflies, birds, deer resistant, bank stabilization, hedges.

Flowers: Red, White in Spring

15' - 100' tall, 5' - 25' wide

Part Shade

Fire resistance: 4.5, on Marin Fire Safe list and San Mateo Fire Safe list.

The Meadow

Juncus, Sedges, Grasses, etc.



Common Rush (*Juncus patens*)

Bogs and ponds, birds, deer resistant.

Flowers: Red, Brown

1' - 3' tall, 3' wide

Sun

Grows with Sedges, Willows, Mulefat, Currants.



Common Rush (*Juncus patens*)



Clustered Field Sedge (*Carex praegracilis*)

Groundcover, deer resistant.

Flowers: Green in Spring.

2' - 3.5' tall, 3.5' wide

Sun

Grows with Rushes (*Juncus*), Blue-eyed Grass, Iris sp., California Yerba Santa.



Foothill Sedge (*Carex tumulicola*)

Groundcover, deer resistant, dry tolerant, not wetlands.

Flowers: Cream in Spring and Summer

0.5' to 1' tall, 2' wide

Sun, Part Shade



Blue Wildrye (*Elymus glaucus*)

Butterflies, bees, deer resistant.

The genus *Elymus* is host plant for the Woodland Skipper butterfly and Chytonix moth.

Flowers: Yellow in Summer.

1' - 5' tall, 1' wide

Sun, Part Shade



California Melicgrass (*Melica californica*)

Butterflies, deers.

Flowers: Yellow, Green, Purple in Summer.

1' - 4.3' tall, 1' wide.

Sun, Part Shade. Does best in Part Shade.

Grows in meadows with other native grasses, California Poppy and other wildflowers. Also, grows as oak understory.



Junegrass (*Koeleria macrantha*)

Butterflies, deer resistant.

Flowers: Yellow, Brown in Spring.

0.7' - 2.3' tall, 1' wide

Sun, Part Shade, Full Shade

Grows in meadows with other native grasses, California Poppy and other wildflowers. Also, grows as oak understory.



Blue-eyed Grass (*Sisyrinchium bellum*)

Grows with Coyote Mint, California Fuchsia, Common Woolly Sunflower, California Buttercup, Clustered Field Sedge.



Blue-eyed Grass (*Sisyrinchium bellum*)



Cobweb Thistle (*Cirsium occidentale*)

Butterflies, deer.

Flowers: Red, Purple, Pink, White in Spring and Summer.

2' - 10' tall

Sun, Part Shade



Cobweb Thistle (*Cirsium occidentale*)

Groundcover, deer resistant.

Flower: Blue, Pink, Purple, White, Yellow in Winter and Spring.

0.6' - 2.6' tall, 2' - 4' wide.



Douglas Iris (*Iris douglasiana*)

Requires summer water. Forms clumps that inhibit other vegetation.

Groundcover, deer resistant.

Sun, Part Shade, Full Shade

Flowers: Blue, Pink, Purple, White, Yellow in Winter and Spring.

0.6' - 2.6' tall, 2' - 4' wide, fast/moderate growth

Grows with Rushes (*Juncus*), Sedges (*Carex*), Willows.

The Hillside

Firesafe Plants - Blueblossom, Coffeeberry, Lupine, Blue-eyed Grass, etc.

At the top of The Hillside beneath the oak trees we'll place some plants that are recommended as an oak understory: Junegrass and California Melicgrass then, below this, Blue-eyed Grass, Checkerbloom, California Buttercup, Common Woolly Sunflower, and Coyote Mint. The Blue-eyed Grass and four wildflowers will be arranged the same as in the periphery of The Flatlands with the Blue-eyed Grass serving as groundcover, and the wildflowers placed within this groundcover.



Below this oak area, I estimate that the hillside is about 60' from the top to the bottom with long fallen logs at about the middle of The Hillside. The Hillside will be split into two horizontal strips that are each 30' wide: 30' from the top of the hill to the middle, and 30' from the middle to the bottom of the hill. These 30' wide strips will be subdivided into sub-regions that each contain a 6 by 4 grid of rectangles. Each rectangle is 5' x 5' and will contain a single type of plant.

The plant arrangement for the bottom of the hillside is the mirror image of the top.

The plants in the 6x4 grids for the hillside are arranged as follows:



Silver Lupine	Coffeeberry	Coffeeberry	Silver Lupine
Blueblossom	Coffeeberry	Coffeeberry	Blueblossom

Fallen Logs

Blueblossom	Coffeeberry	Coffeeberry	Blueblossom
Silver Lupine	Coffeeberry	Coffeeberry	Silver Lupine
Buckwheat	Summer Lupine	Summer Lupine	Buckwheat
Coyote Mint	Golden Fleece	Golden Fleece	Coyote Mint
Cal Poppies	3Nerve Goldenrod	3NerveGoldenrod	Cal Poppies
Cal Aster	Monkeyflower	Monkeyflower	Cal Aster



Checkerbloom (*Sidalcea malviflora*)

Butterflies, birds, groundcovers, deer resistant.

Flowers: Pink, Green in Spring and Summer.

0.3' - 1.5' tall, 3' - 6' wide

Part Shade, Sun

Fire resistance: on Marin Firesafe list

Companions: Many companion plants depending on region. Because it is low growing, plant with other short plants so it won't be obscured, such as native bunch grasses, annuals and bulbs.



California Aster (*Symphyotrichum chilense*)

Butterflies, birds, bees, deer resistant.

Flowers: Blue, Lavender, Yellow in Summer

1.3' - 3.3' tall, 3' wide

Fire resistance: on Marin Firesafe list

Sun, Part Shade



Monkeyflower (*Mimulus aurantiacus*)

Butterflies, birds, hummingbirds, bees, deer resistant.

Flowers: Orange, Yellow in Winter, Spring, and Summer.

3.9' - 5' tall, 5' wide

Sun, Part Shade

Fire resistance: 60 and on Marin Firesafe's list.

Grows with Coyote Mint, California Fuchsia, Golden Yarrow, California Wild Rose, Franciscan Manzanita, Torrey's Melicgrass. Grows in many habitats and is associated with many plants.



Coyote Mint (*Monardella villosa*)

Butterflies, birds, hummingbirds, bees, deer resistant.

Flower: Pink, Lavender in Summer.

2' tall, 3' wide

Sun, Part Shade

Fire resistance: 80

Use along paths or in front of larger shrubs where their fragrance can be appreciated and butterflies can be observed. Use with other low growing perennials, annuals, native grasses, or succulents including: low-growing Buckwheats, groundcover Manzanitas, California Poppy, Monkeyflower, Blue-eyed Grass.



California Poppy (*Eschscholzia californica*)

Butterflies, birds, bees, deer resistant.

Flowers: Orange, Yellow in Winter, Spring, Summer and Fall

0.16' - 2' tall, 1' - 2' wide

Grows best in Full Sun, but tolerates Part Shade and Full Shade.

Fire resistance: on the Marin Fire Safe list and the San Mateo Fire Safe list.

Grows with Lupine, California Buckwheat, California Fuschia.



California Goldenrod (*Solidago velutina*)

Nectar plant for Monarchs and Skipper butterflies, host for Northern Checkerspot; bees.

Flower: Yellow in Summer and Fall.

0.7' - 3' tall

Fire resistance: On the San Mateo Fire Safe list.

Grows with a variety of native plants.



Golden Fleece (*Ericameria arborescens*)

Rarely available from nurseries.

Monarch butterflies, deer resistant.

Flower: Yellow

6.6' - 10' tall

Sun, Part Shade

Fire resistance: Unknown

Grows in chaparral communities and open woodlands.



California Buckwheat (*Eriogonum fasciculatum* var. *fasciculatum*)

Butterflies, birds, bees, deer resistant.

Flowers: Long-flowering, white, pink, then rust colored flowers in Spring, Summer, and Fall.

2' - 6.6' tall, 3' wide

Fire resistance: 60

Best in full sun, tolerates part-day sun.

Grows near Ceanothus and Manzanita.



Coffeeberry (*Rhamnus californica* or *Frangula californica* ssp. *californica*)

Butterflies, birds, bees, deer resistant, fire resistant.

Flowers in Spring and Summer.

6' - 15' tall, 6' - 15' wide

Fire resistance: 60

Grows with a wide variety of plants.



Silver Lupine (*Lupinus albifrons*)

Butterflies, birds, bees, deer resistant

Flowers: Blue, Lavender, Purple in Winter, Spring and Summer.

3' - 5' tall

Sun

Fire resistance: 30

Grows with many plants.



Arroyo de la Cruz Ceanothus (*Ceanothus thyrsiflorus* 'Arroyo de la Cruz')

Monarch butterflies, birds, bees

4' tall, 8' wide

Sun, Part Shade

Fire resistance: 20

Plants in the Ceanothus genus are host plants to the Spring Azure, Echo Blue, Pacuvius

Duskywing, California Tortoiseshell, Pale Swallowtail, and Hedgerow Hairstreak butterflies

The Creek and Creek Banks

Both the creek and the creek banks are currently filled with Himalayan Blackberry that will have to be eradicated before we can plant natives. This will be very difficult as the creek banks are 25' deep and quite steep. But if we eradicate the Himalayan Blackberry we can put in Dutchman's Pipe (also known as California Pipevine) to attract Pipevine Swallowtail butterflies, and Salmon Berry.



Dutchman's Pipe (*Aristolochia californica*)

Butterflies, groundcover, deer resistant.

Flower: Cream, Purple in Winter and Spring.

1' - 20' tall

Part Shade



Dutchman's Pipe (*Aristolochia californica*)



Salmon Berry (*Rubus spectabilis*)

Birds, hummingbirds, bank stabilization, hedges, deer resistant.

Flowers: Purple flowers.

3.3' - 13.1' tall, 30' wide

Grows under Douglas Fir and Redwood, etc.



Salmon Berry (*Rubus spectabilis*)

Plants' Fire Resistance

The fire resistance numbers are from www.laspilitas.com/easy/deerfire.htm where they define the numbers as follows:

1. >60 Best (low and/or burns poorly);
2. 30-60 Better (medium height, medium burn)
3. <1 Think about it (high and flash)

Sisyrinchium bellum, Blue-eyed Grass (600)
Arctostaphylos Edmondsii, Edmonds Manzanita (100-300)
Arctostaphylos Hookeri 'Wayside', Wayside Manzanita (120)
Monardella villosa, Coyote Mint (80)
Eriogonum fasciculatum var. fasciculatum, California Buckwheat (60)
Lotus scoparius, Deerweed (60)
Mimulus aurantiacus, Monkeyflower (60)
Zauschneria californica mexicana, California Fuchsia (60)

Lupinus albifrons, Silver Lupine (30)
Ribes sanguineum glutinosum, Pink-Flowered Currant (30)
Eriodictyon californicum, California Yerba Santa (20)
Ceanothus Cuneatus, Buck Brush (15)
Rhamnus californica, Coffeeberry (15)
Heteromeles arbutifolia, Toyon (12)
Quercus Douglasii, Blue Oak (6)
Chlorogalum pomeridianum, Soap Plant (5)
Eriophyllum confertiflorum, Golden Yarrow (4)

Marin Firesafe List

Buttercup
California Poppy
Checkerbloom
Coyote Mint
Creeping Snowberry
Douglas Iris
Golden Yarrow
Lupine
Madrone
Monkeyflower (Mimulus sp.)
Oaks
California Aster
Buckwheat

Marin Fire Prone Plants

Acacia
California Bay Laurel
Cypress
Eucalyptus
Manzanita
Scrub Oaks

San Mateo Fire Safe List

Coffeeberry
Spiny Redberry
Golden Yarrow
California Rose
Snowberry
Creeping Snowberry

Toyon
Coyote Brush
Currant
Blue Elderberry
Thimbleberry
Flowering Currant
Yarrow
California Poppy
California Buttercup
Monkeyflower
California Fuchsia
California Goldenrod
Coyote Mint
Blue-eyed Grass
Douglas Iris
Common Rush (Spreading Rush)
Foothill Sedge
Coast Live Oak
Madrone
Willows