

Plant study area 1:

# Coastal Dune Scrub



Image credit: <https://calscape.org>  
Gartenflo, 2005



## Landscape archetype precedents



*Fragaria chiloensis*



*Armeria maritima* v *californica*



*Eriogonum latifolium*



*Achillea millefolium*

## Plant species

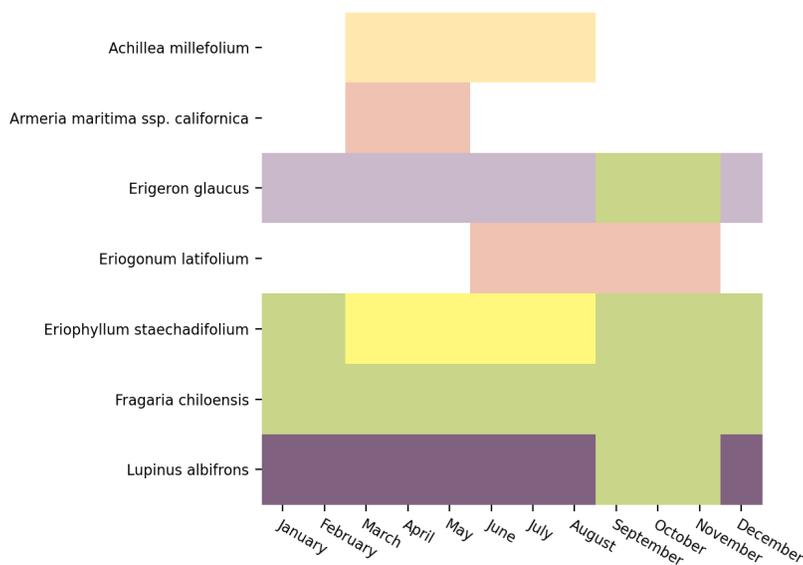
### Landscape inspiration:

“The dune scrub community is found on inland dunes landward of the foredune community. It is characterized by densely packed shrubs interspersed with scattered areas of grasses, wildflowers, and open sand.” - [www.nps.gov](http://www.nps.gov)

### Our design response to test:

- Select plant species that would naturally grow in this community that are native to San Francisco
- Cluster mid-size shrub planting together and cluster lower level planting together so that variation massing/ height variation is clear

### Plant colors during year:



### Plant study list:

#### Groundcover Layer (50%)

*Fragaria chiloensis*

#### Filler Species (5-10%)

*Achillea millefolium*

#### Seasonal Layer (25-40%)

*Armeria maritima* v *californica*

*Eriogonum glaucus*

#### Structural Layer (10-15%)

*Eriogonum latifolium*

*Lupinus albifrons*

*Eriophyllum staechadifolium*

Plant study area 2:

# Beach Strawberry Coastal Prairie



©JW - <https://www.calfloranursery.com/plants/calamagrostis-nutkaensis-king>

Landscape archetype precedent



Fragaria chiloensis



Phacelia californica



Calamagrostis nutkaensis  
©John Rusk



Deschampsia cespitosa  
©Christian Fischer

Plant species

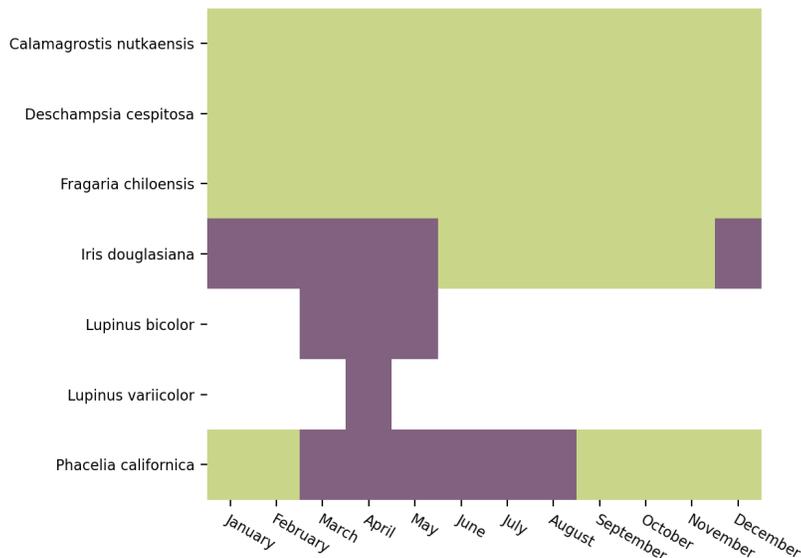
## Landscape inspiration:

A landscape of glossy green colors contrasting with fine grasses/ grass-like textures, with fountain and vase shape plants emerging from the groundcover layer in distinct tufts.

## Our design response to test:

- Use groundcover plants with glossy textures that will create a homogenously flat lower layer
- Leave enough space between grasses / clusters of grasses so the plant form is visible

## Plant colors during year:



## Plant study list:

### Groundcover Layer (50%)

*Fragaria chiloensis*

### Filler Species (5-10%)

*Lupinus bicolor*

### Seasonal Layer (25-40%)

*Lupinus variicolor*

*Phacelia californica*

### Structural Layer (10-15%)

*Calamagrostis nutkaensis*

*Deschampsia cespitosa*

Plant study area 3:

# Fescue Coastal Prairie



Landscape archetype precedents



*Achillea millefolium*  
'Sonoma Coast'



*Iris douglasiana*



*Festuca idahoensis*



*Artemisia pycnocephala*

Plant species

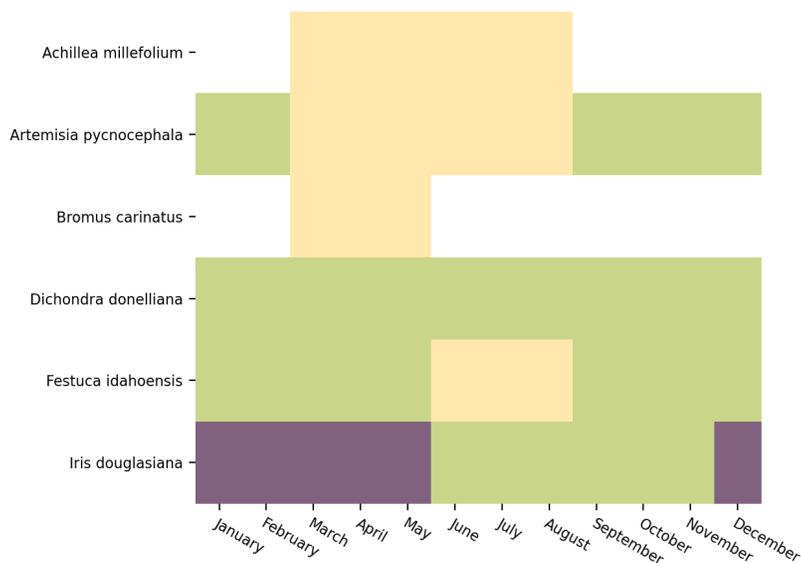
## Landscape inspiration:

Waves of blue-grey shrubs and grasses moving in response to the wind, with white and cream inflorescences that appear to float above the waves.

## Our design response to test:

- Wave-like swathes of *Festuca idahoensis* as the dominant species punctuated with similarly colored but more textural shrubs such as the *Artemisia pycnocephala*
- *Iris douglasiana* to be a blade-like focal plant and provide contrast to the fine textures of the other planting

## Plant colors during year:



## Plant study list:

### Groundcover Layer (50%)

*Dichondra donelliana*  
*Achillea millefolium* 'Sonoma Coast'

### Filler Species (5-10%)

*Achillea millefolium*

### Seasonal Layer (25-40%)

*Iris douglasiana*

### Structural Layer (10-15%)

*Festuca idahoensis*  
*Artemisia pycnocephala*

Plant study area 4:

# Coyote Bush Scrub



Image credits: www.laspilitas.com/nature-of-california/communities/coastal-sage-scrub

## Landscape archetype precedents



Baccharis pilularis  
spp pilularis



Eschscholzia californica



Mimulus aurantiacus  
© Ndotkah



Acmispon glaber

## Plant species

### Landscape inspiration:

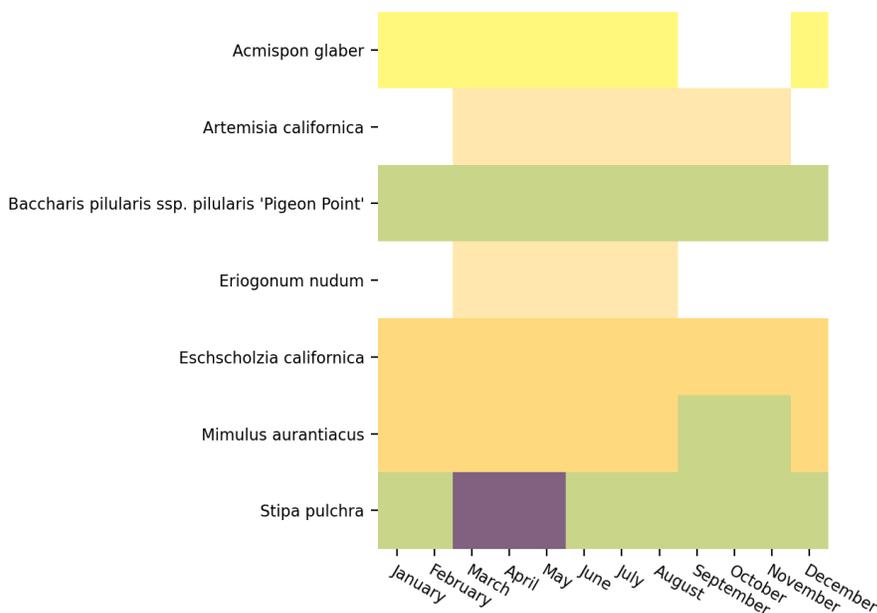
“Sclerophyllous (hard-leaved) plants commonly form the foundation of this plant community. They have small, hard leaves, that roll up, under, or fall off during the normal summer drought.” - www.laspilitas.com

Dominated by the aroma of coyote bush, a characteristic of many hikes through native chapparel and scrub.

### Our design response to test:

- Grayish green blanket of prostrate coyote bush setting an evergreen framework for seasonally dynamic and deciduous companion planting
- Use plants of similar heights with dusty blues, golds, and pink colors

### Plant colors during year:



### Plant study list:

#### Groundcover Layer (50%)

*Baccharis pilularis spp pilularis* (prostrate coyote bush)

#### Filler Species (5-10%)

*Eschscholzia californica*  
*Stipa pulchra*

#### Seasonal Layer (25-40%)

*Mimulus aurantiacus*

#### Structural Layer (10-15%)

*Acmispon glaber*  
*Artemisia californica*  
*Eriogonum nudum var. nudum*

Plant study area 5:

# Coffeeberry Scrub



Landscape archetype precedent



Frangula californica  
'Mound San Bruno'



Stipa pulchra



Ceanothus thyrsiflorus



Quercus agrifolia

## Plant species

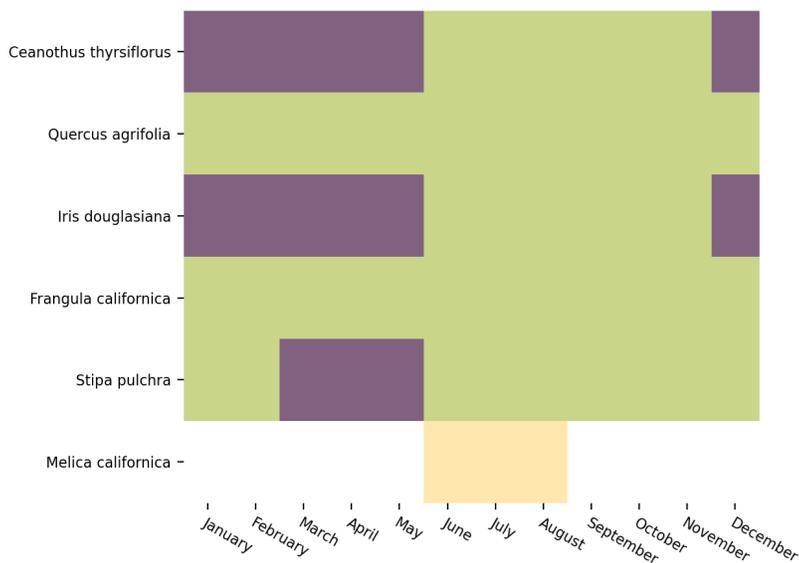
### Landscape inspiration:

An edge condition of an oak woodland that includes plants that are compatible underneath a canopy of oak trees, with glossy, deep green leaves of different sizes and types that create varied texture.

### Our design response to test:

- A braided river of coffeeberry with clusters/pockets of grasses emerging out of it with just a few individual ceanothus

### Plant colors during year:



### Plant study list:

#### Groundcover Layer (50%)

*Frangula californica* 'Mound San Bruno'

#### Filler Species (5-10%)

*Stipa pulchra*

#### Seasonal Layer (25-40%)

*Melica californica*  
*Iris douglasiana*

#### Structural Layer (10-15%)

*Ceanothus thyrsiflorus*  
*Quercus agrifolia* (existing)

Plant study area 6:

# Oak Understory



Image credit: [www.ucanr.edu/blogs/napanewspaper/index.cfm?tagname=tanoak](http://www.ucanr.edu/blogs/napanewspaper/index.cfm?tagname=tanoak)

## Landscape archetype precedent



Clinopodium douglasii



Salvia spathacea



Ribes sanguineum var. Glutinolum



Quercus agrifolia

## Plant species

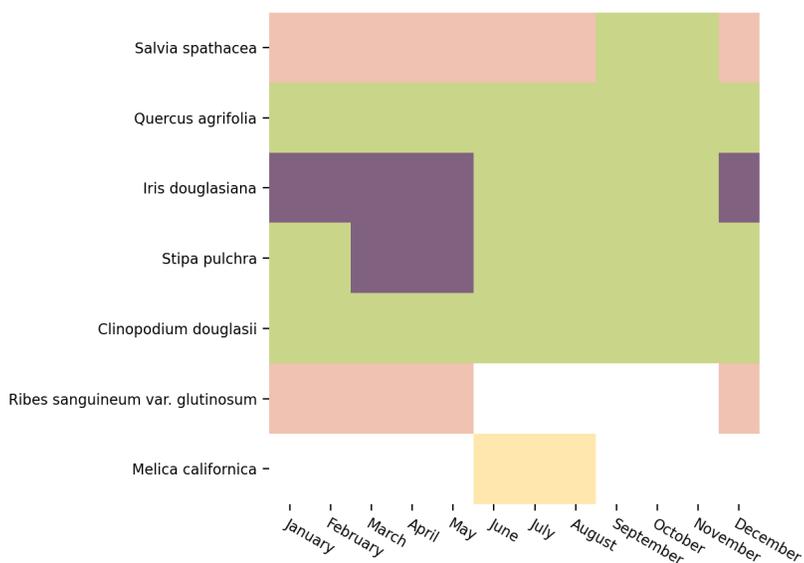
### Landscape inspiration:

An oak woodland understory with low swathes of medium height, lush, shade tolerant planting with singular vertical elements rising above.

### Our design response to test:

- Substantial swathes of planting tucked inbetween large areas of groundcovers - a green 'mulch' that mimics the leaf litter beneath the oak
- Use of dark green plants to evoke quality of shade

### Plant colors during year:



### Plant study list:

**Groundcover Layer (50%)**  
*Clinopodium douglasii*

**Filler Species (5-10%)**  
*Melica californica*  
*Stipa pulchra*

**Seasonal Layer (25-40%)**  
*Ribes sanguineum var. Glutinolum*  
*Salvia spathacea*  
*Iris douglasiana*

**Structural Layer (10-15%)**  
*Quercus agrifolia* (existing)

Plant study area 7:

# Oak Savanna



©SK- <https://www.calfloranursery.com/plants/quercus-agrifolia>

## Landscape archetype precedents



Carex praegracilis



Lupinus nanus



Stipa pulchra & Triteileia laxa



Koeleria macrantha  
©Matt Lavin

## Plant species

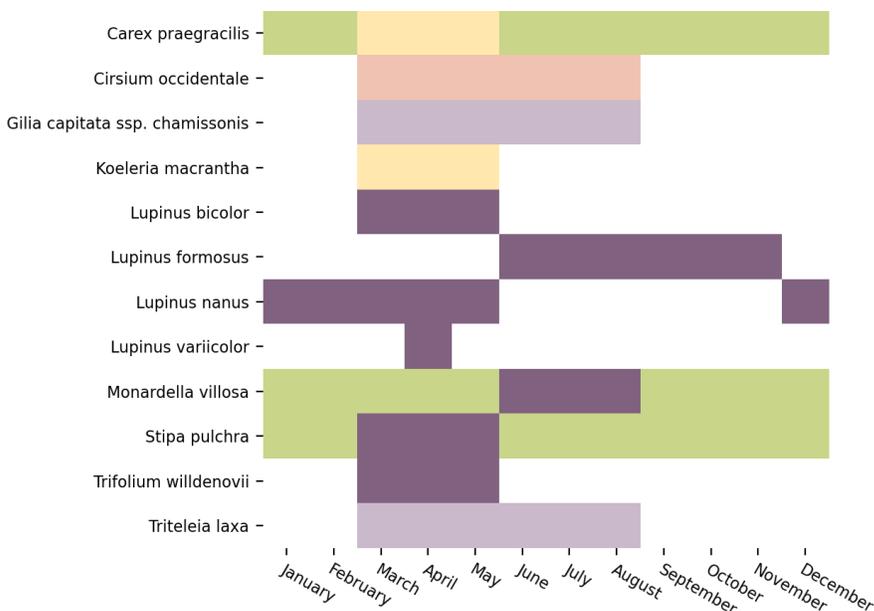
### Landscape inspiration:

An oak grassland where golden grasses provide a foil for inflorescence, textural and sculptural seed pods, and oaks.

### Our design response to test:

- Homogenous grasses as the base with random smatterings of annuals and herbacious perennials that provide seasonal interest
- Evergreen *Carex praegracilis* as a homogenous base for a mass of grasses, with taller, more seasonally dynamic and ethereal grasses such as *Stipa pulchra* and *Koeleria macrantha* creating a halo above

### Plant colors during year:



### Plant study list:

**Groundcover Layer (50%)**  
*Carex praegracilis*

**Filler Species (5-10%)**  
*Stipa pulchra*  
*Lupinus bicolor*  
*Lupinus nanus*  
*Gilia capitata ssp. chamissonis*  
*Trifolium willdenovii*

**Seasonal Layer (25-40%)**  
*Cirsium occidentale var. occidentale*  
*Lupinus formosus*  
*Lupinus variicolor*  
*Triteleia laxa*  
*Monardella villosa*

**Structural Layer (10-15%)**  
*Koeleria macrantha*

Plant study area 8:

# Serpentine Meadow



Image credit: <https://www.usbr.gov/mp/cvpcp/>



© Lech Naumovich - <https://ebcnps.org/news/serpentine-prairie-2020-06/>

## Landscape archetype precedents



Carex praegracilis



Castilleja exserta

©2018 Walter Siegmund "Castilleja exserta 8031.JPG" - [https://commons.wikimedia.org/w/File:Castilleja\\_exserta\\_8031.JPG](https://commons.wikimedia.org/w/File:Castilleja_exserta_8031.JPG)



Clarkia rubicunda



Lasthenia californica ssp. californica

## Plant species

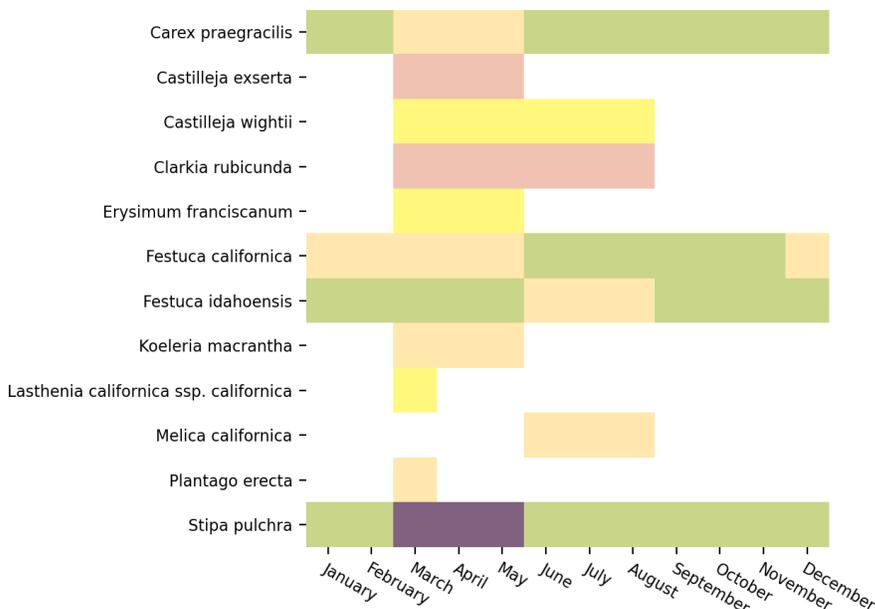
### Landscape inspiration:

A serpentine meadow consisting of a dynamic landscape of diverse grasses and wildflowers. Includes greens, yellows and pinks that are uniformly layered across the plane.

### Our design response to test:

- High, medium, and low layers of inflorescences within a homogenous matrix of grasses

### Plant colors during year:



### Plant study list:

#### Groundcover Layer (50%)

*Carex praegracilis*

#### Filler Species (5-10%)

*Castilleja exserta*

*Stipa pulchra*

#### Seasonal Layer (25-40%)

*Castilleja wightii*

*Erysimum franciscanum*

*Plantago erecta*

*Clarkia rubicunda*

*Lasthenia californica ssp. californica*

#### Structural Layer (10-15%)

*Festuca idahoensis*

*Festuca californica*

*Melica californica*