

Plant study area 1:

Coastal Dune Scrub

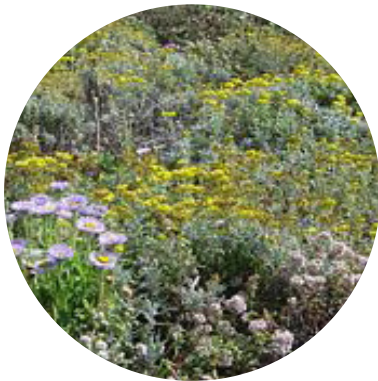


Image credit: <https://calscape.org>
Gartenflo, 2005



Landscape archetype precedents



Fragaria chiloensis



Armeria maritima v *californica*



Eriogonum latifolium



Achillea millefolium

Plant species

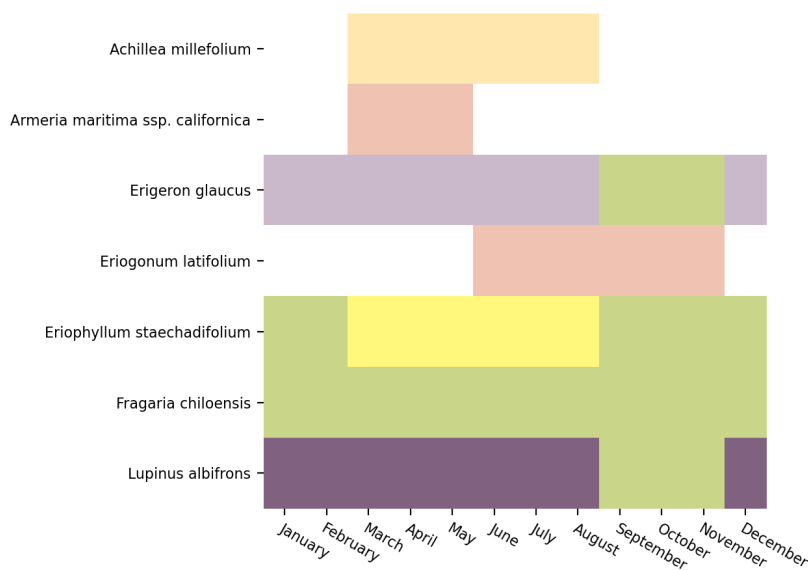
Landscape inspiration:

"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

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 albus
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

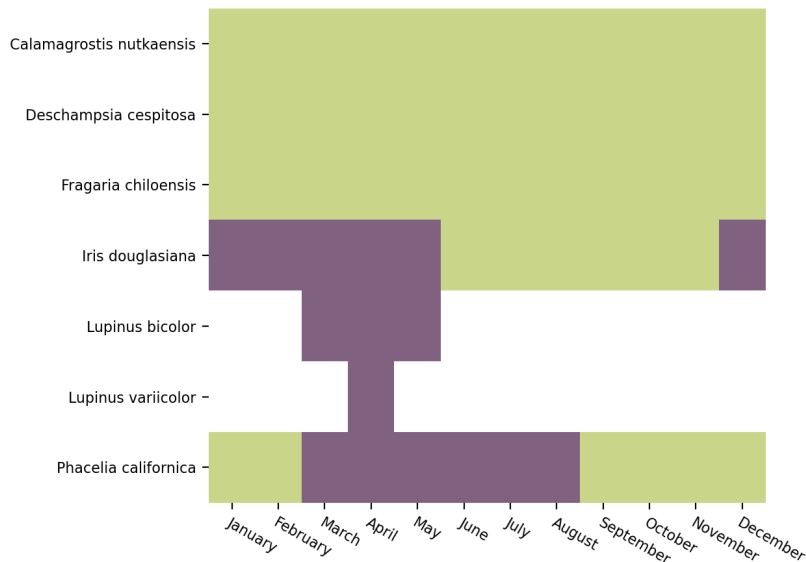
Landscape inspiration:

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

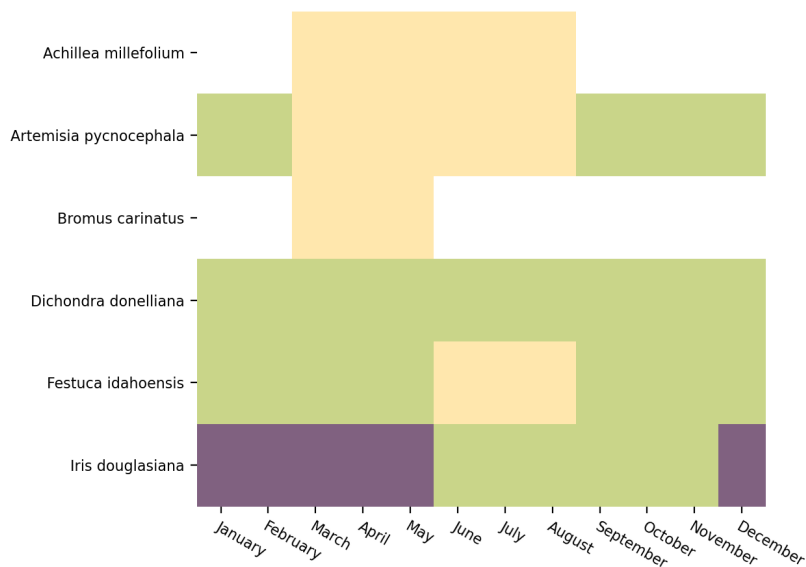
Landscape inspiration:

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:

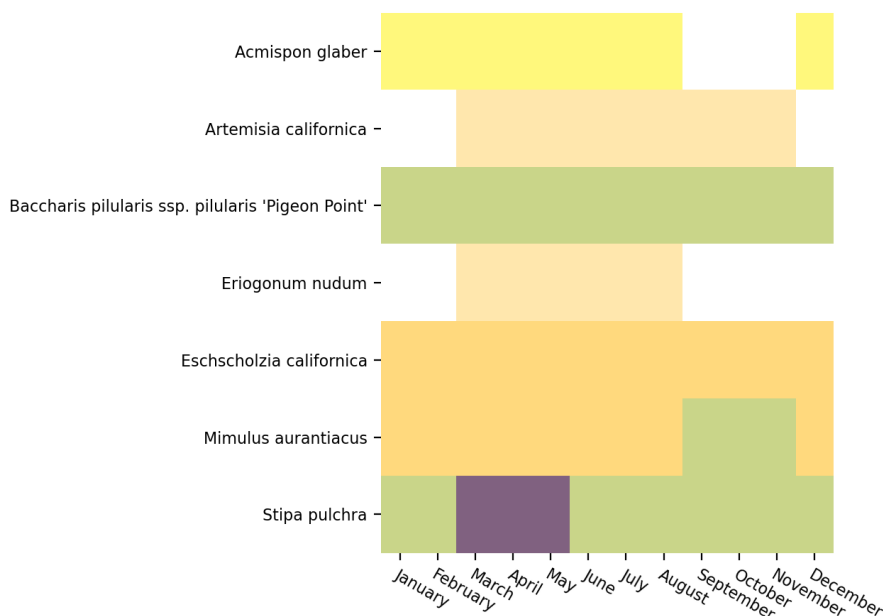
“Sclerophyllous (hard-leaved) plants commonly form the foundation of this plant community. They have small, hard leaves, that roll up, under, or fall off during the normal summer drought.” - www.laspilitas.com

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

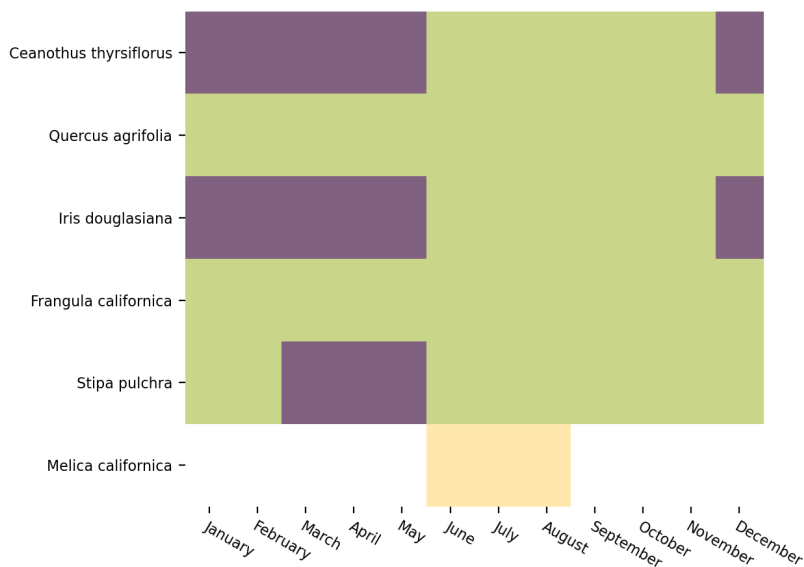
Landscape inspiration:

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

Landscape archetype precedent



Clinopodium douglasii



Salvia spathacea



Ribes sanguineum var. Glutinolum



Quercus agrifolia

Plant species

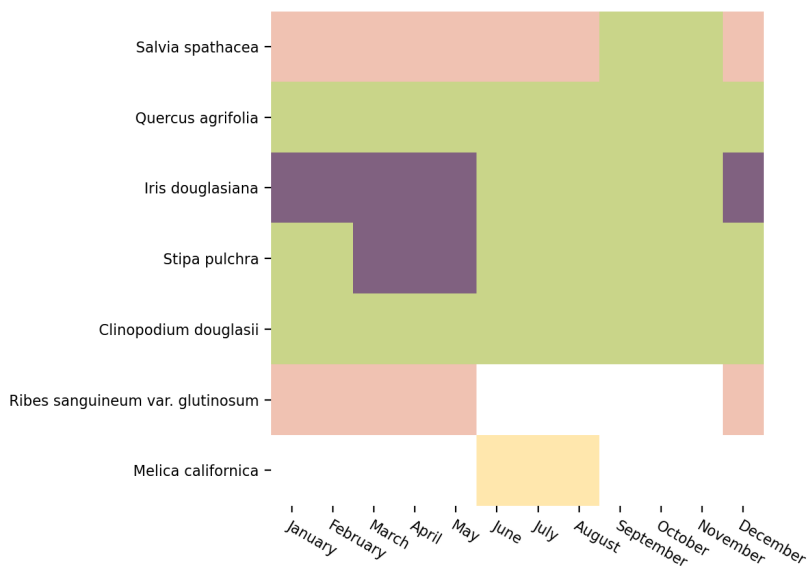
Landscape inspiration:

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

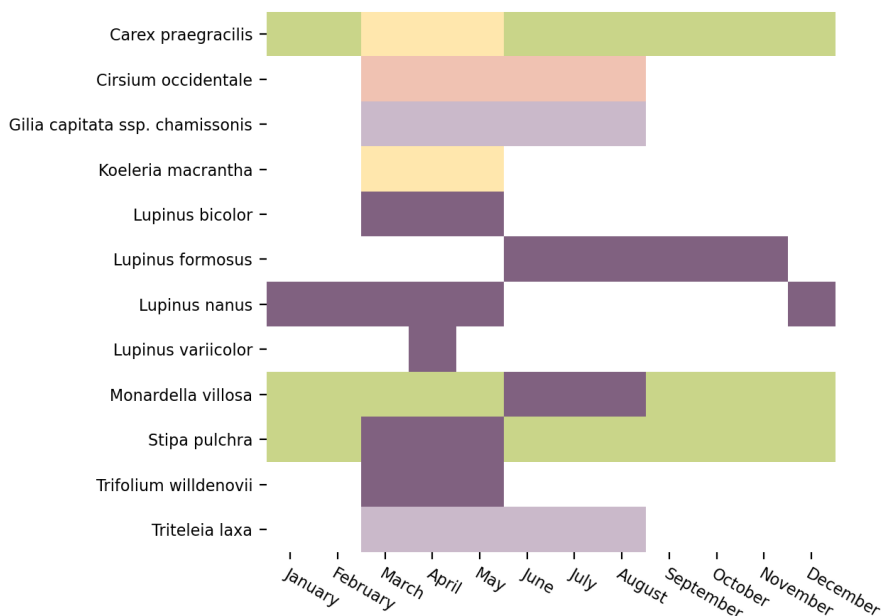
Landscape inspiration:

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



Clarkia rubicunda



Lasthenia californica ssp. californica

Plant species

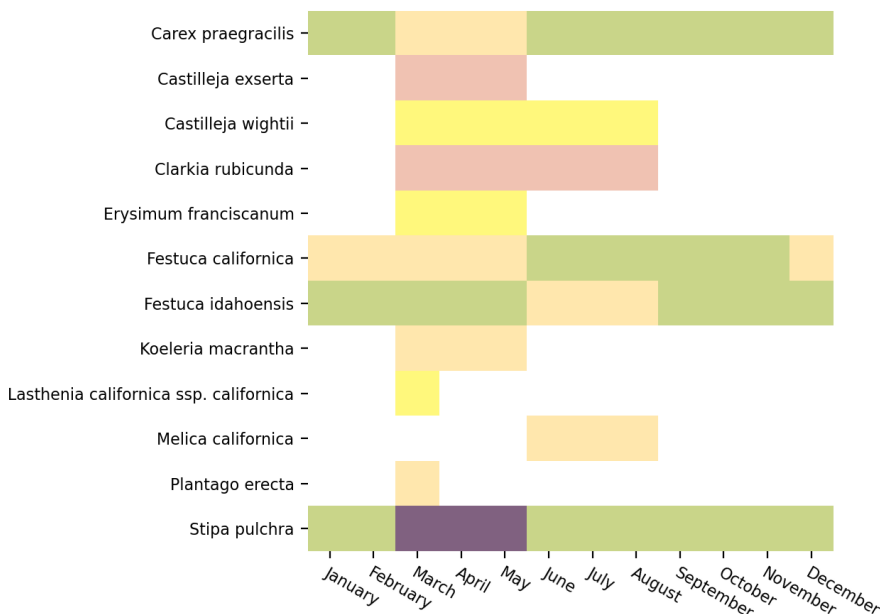
Landscape inspiration:

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