LEGEND

**Young Oak Savannah**
Initially a young oak planted in a prairie; over time, a broad (open grown) savannah oak with prairie + low shrub patches beneath. (See Old Oak Savannah design).

**Tree**
- Quercus garryana (Oregon White Oak)
  - 2" Cal. - B&B or Cont.

**Perennial Grass/Rush/Sedge Matrix**
- Carex tumulicola (Foothill Sedge) (33%)
- Festuca roemeri (Roemer’s Fescue) (34%)
- Juncus tenuis or J. Patens (Rushes) (33%)
- Carex tumulicola (Foothill Sedge) (33%)

**Wildflower Edge**
- Achillea millefolium (Western Yarrow)
- Fragaria virginiana ssp. platypetala (Field Strawberry)
- Enophyllum lanatum (Oregon Sunshine)

**Wildflower Patch 1**
- Asclepias speciosa or A. fascicularis (Milkweeds)
- Camassia leitchlinii (Great Camas Lily)
- Ranunculus occidentalis (Western Buttercup)
- Grindelia integrifolia (Gum Weed)

**Wildflower Patch 2**
- Aquilegia formosa (Western Columbine)
- Potentilla gracilis (Slender Cinquefoil)
- Sidalcea virgata (Rose Checkermallow)
- Symphyotrichum hallii (Hall’s Aster)

**Annual Grass & Wildflower Matrix**
- Deschampsia danthonioides + Deschampsia elongata (Hairgrass)
- Clarkia amoena (Farewell to Spring)
- Calliopsis grandiflora (Shasta Daisy)
- Gilia capitata (Blue Field Gilia)

**Species** | **Plant Size/Type** | **Spacing/Seed Rate**
--- | --- | ---
Tree | | |
Perennial Grass/Rush/Sedge Matrix | Plug (All) | 3' O.C. (All)
Wildflower Edge | | |
Wildflower Patch 1 | 4" Pot | |
Wildflower Patch 2 | 4" Pot | |
Annual Grass & Wildflower Matrix | Seed (All) | < .01 oz./100 sq. ft. (All)

**Note:**
1. Seed all areas with Annual Grass & Wildflower Matrix except Wildflower Patches and Edge. Seed mix provides short term weed suppression and erosion control.
2. Distribute Perennial Grass/Rush/Sedge Matrix species evenly throughout the entire planting area.
3. Wildflower Patch outlines are shown overlapping to indicate that where patches edges meet, plants within each zone can be combined and feathered into one another to create a natural transition.
LEGEND

Oak Shrubland
Dense thickets of shrubs with small openings of wildflowers beneath a partially open oak canopy.

Species

Dominant Overstory Tree
Quercus garryana (Oregon White Oak)

Occasional Trees
Arbutus menziesii (Pacific Madrone)
Rhamnus purshiana (Cascara)

SCALE: 3/16" = 1' - 0"

Note:
1. Seed all areas with Annual Grass & Wildflower Matrix except Low Shrubs and Wildflower Patch. Seed mix provides short term weed suppression and erosion control.
LEGEND

Old Oak Savannah
Openings of prairie grasses, wildflowers and low shrubs under a broad open canopy oak.

**Tall Shrubs**
- Lonicera hispida (Hairy Honeysuckle Vine)
- Mahonia aquifolium (Tall Oregon Grape)
- Symphoricarpos albiflorus (Common Snowberry)
- Philadelphus lewisii (Mockorange)
- Ribes sanguineum (Red Currant)
- Rosa gymnocarpa (Baldhip Rose)
- Rubus parviflorus (Thimbleberry)

**Perennial Grass/Rush/Sedge Matrix & Wildflower Patches**

**Perennial Grass/Rush/Sedge Matrix**
- (33%) Carex tumulicola (Foothill Sedge)
- (34%) Festuca roemeri (Roemer's Fescue)
- (33%) Juncus tenuis or J. patens (Rushes)

**Wildflower Patches**

**Sun Mix**
- Aquilegia formosa (Western Columbine)
- Asclepias speciosa or A. fascicularis (Milkweeds)
- Camassia leitchlinii (Great Camas Lily)
- Grindelia integrifolia (Gum Weed)
- Potentilla gracilis (Slender Cinquefoil)
- Ranunculus occidentalis (Western Buttercup)
- Symphyotrichum hallii (Hall's Aster)

**Shade Mix**
- Camassia leitchlinii (Great Camas Lily)
- Ranunculus occidentalis (Western Buttercup)
- Tellima grandiflora (Fringe Cup)

**Low Shrubs**
- Arctostaphylos uva-ursi (Kinnickinick)
- Mahonia nervosa (Leatherleaf Oregon Grape)
- Mahonia repens (Cascade Oregon Grape)
- Polystichum munitum (Swordfern)
- Symphoricarpos hesperius or S. mollis (Creeping Snowberry)

**Annual Grass & Wildflower Matrix**
- Deschampsia danthonioides +
- Deschampsia elongata (Hairgrasses)
- Clarkia amoena (Farewell to Spring)
- Calochortus grandiflorus (Large-leaf Calochortus)
- Gilia capitata (Blue Field Gilia)

**Note:**
1. Seed all areas with Annual Grass & Wildflower Matrix except Low Shrubs and Wildflower Patches. Seed mix provides short term weed suppression and erosion control.
2. Distribute Perennial Grass/Rush/Sedge Matrix species evenly throughout the entire planting area.
LEGEND

Oak Woodland
A closed canopy woodland of mixed age trees with an understory of tall (arborescent) and low growing shrubs.

Species

Occasional Trees
Arbutus menziesii (Pacific Madrone)
Rhododendron purshianum (Cascara)

Arborescent
Amelanchier alnifolia (Western Serviceberry)
Ceanothus cuneatus or C. Sanguineus (Wild Lilac)
Hokodiscus discolor (Oceanspray)
Oemleria cerasiformis (Indian Plum)
Prunus virginiana (Chokecherry)
Sambucus cerulea (Blue Elderberry)

Tall Shrubs/Vine
Lonicera hispidula (Hairy Honeysuckle Vine)
Mahonia aquifolium (Oregon Grape)
Symphoricarpos albus (Common Snowberry)
Philadelphus lewisi (Mock orange)
Rosa gymnocarpa (Baldhip Rose)
Rubus parviflorus (Thimbleberry)
Rubus ursinus (Pacific Blackberry)

Low Shrubs
Arctostaphylos uva-ursi (Kinnickinick)
Mahonia repens (Cascade Oregon Grape)
Mahonia nervosa (Letherleaf Oregon Grape)
Spiraea lucida (Shiny Leaf Spirea)
Symphoricarpus hesperius or S. mollis (Creeping Snowberry)

Perennial Grass/Rush/Sedge Matrix -
Carex tumulicola (Foothill Sedge)
Festuca roemeri (Roemer’s Fescue)
Juncus tenuis or J. Patens (Rushes)

Annual Grass & Wildflower Matrix -
Deschampsia danthonioides +
Deschampsia elongata (Hair grasses)
Clarkia amoena (Farewell to Spring)
Collomia grandiflora (Large-leaf Collomia)
Gilia capitata (Blue Field Gilia)

Plant in Openings

Species

Plug (All)
Seed (All)

Note:
1. Seed all areas with Annual Grass & Wildflower Matrix except Low Shrubs. Seed mix provides short term weed suppression and erosion control.