

| <b>DOCKETED</b>         |                                                                    |
|-------------------------|--------------------------------------------------------------------|
| <b>Docket Number:</b>   | 21-AFC-02                                                          |
| <b>Project Title:</b>   | Willow Rock Energy Storage Center                                  |
| <b>TN #:</b>            | 265165                                                             |
| <b>Document Title:</b>  | Ileene Anderson Testimony Exhibit - California Natural Communities |
| <b>Description:</b>     | N/A                                                                |
| <b>Filer:</b>           | Center for Biological Diversity                                    |
| <b>Organization:</b>    | Center for Biological Diversity                                    |
| <b>Submitter Role:</b>  | Intervenor Representative                                          |
| <b>Submission Date:</b> | 7/30/2025 3:05:36 PM                                               |
| <b>Docketed Date:</b>   | 7/30/2025                                                          |

# California Natural Community List

Thursday, February 27, 2025

This document provides the current list of vegetation Alliances, Associations, and Special Stands. State and Global rarity ranks are indicated for Alliances and some Associations; those with ranks of 1-3 are considered Sensitive. Associations considered Sensitive are marked with a Y in the rightmost column. A “?” indicates our best estimate of the rank when we know we have insufficient samples over the full expected range of the type, but existing information points to this rank. Semi-Natural Stands are included but not ranked and are denoted as GNA/SNA (global/state rank not applicable). Pending additions are at the bottom of the list. For more information, or to check for updates, please see:

<https://www.wildlife.ca.gov/Data/VegCAMP/Natural-Communities>

<https://explorer.natureserve.org/AboutTheData/Statuses>

## California Natural Community

### Primary Life for Tree

| CaCode                                                  | Name                                                                                                       | Rarity       | Sensitive       |
|---------------------------------------------------------|------------------------------------------------------------------------------------------------------------|--------------|-----------------|
| <b><i>Abies amabilis</i></b>                            |                                                                                                            |              | <b>Alliance</b> |
| <b>88.800.00</b>                                        | <b>Pacific silver fir forest</b>                                                                           | <b>G5 S1</b> |                 |
| 88.800.01                                               | <i>Abies amabilis</i>                                                                                      |              | Y               |
| <b><i>Abies bracteata</i></b>                           |                                                                                                            |              | <b>Alliance</b> |
| <b>88.300.00</b>                                        | <b>Santa Lucia fir groves</b>                                                                              | <b>G3 S3</b> |                 |
| 88.300.01                                               | <i>Abies bracteata</i> / <i>Galium clementis</i>                                                           |              | Y               |
| 88.300.02                                               | <i>Abies bracteata</i> / <i>Polystichum munitum</i>                                                        |              | Y               |
| <b><i>Abies concolor</i></b>                            |                                                                                                            |              | <b>Alliance</b> |
| <b>88.500.00</b>                                        | <b>White fir forest and woodland</b>                                                                       | <b>G4 S4</b> |                 |
| 88.500.10                                               | <i>Abies concolor</i> / <i>Arctostaphylos nevadensis</i>                                                   |              | N               |
| 88.500.12                                               | <i>Abies concolor</i> / <i>Achlys triphylla</i>                                                            |              | N               |
| 88.500.17                                               | <i>Abies concolor</i> / <i>Arnica cordifolia</i>                                                           |              | N               |
| 88.500.29                                               | <i>Abies concolor</i> – <i>Calocedrus decurrens</i> – <i>Quercus kelloggii</i>                             |              | N               |
| 88.500.30                                               | <i>Abies concolor</i> – <i>Calocedrus decurrens</i> / <i>Symphoricarpos mollis</i>                         |              | N               |
| 88.500.31                                               | <i>Abies concolor</i> – <i>Calocedrus decurrens</i> / <i>Pyrola pictaursinus</i>                           |              | N               |
| 88.500.33                                               | <i>Abies concolor</i> / <i>Amelanchier alnifolia</i>                                                       |              | N               |
| 88.500.35                                               | <i>Abies concolor</i> / <i>Symphoricarpos mollis</i>                                                       |              | N               |
| 88.500.37                                               | <i>Abies concolor</i> – <i>Chrysopsis chrysophylla</i>                                                     |              | Y               |
| 88.500.40                                               | <i>Abies concolor</i> – <i>Calocedrus decurrens</i> – <i>Pinus jeffreyi</i>                                |              | N               |
| 88.500.53                                               | <i>Abies concolor</i> / <i>Vicia americana</i>                                                             |              | N               |
| 88.500.54                                               | <i>Abies concolor</i> / <i>Mahonia nervosa</i>                                                             |              | N               |
| 88.500.57                                               | <i>Abies concolor</i> / <i>Trillium ovatum</i>                                                             |              | N               |
| 88.500.58                                               | <i>Abies concolor</i> / <i>Ceanothus velutinus</i>                                                         |              | N               |
| 88.500.60                                               | <i>Abies concolor</i> / <i>Acer glabrum</i>                                                                |              | N               |
| 88.500.61                                               | <i>Abies concolor</i> / <i>Pseudostellaria jamesiana</i>                                                   |              | N               |
| 88.500.67                                               | <i>Abies concolor</i> / <i>Ceanothus prostratus</i>                                                        |              | Y               |
| 88.500.68                                               | <i>Abies concolor</i> – <i>Pinus ponderosa</i> / <i>Amelanchier alnifolia</i>                              |              | N               |
| 88.500.69                                               | <i>Abies concolor</i> / <i>Chimaphila</i> spp. – <i>Pyrola picta</i>                                       |              | N               |
| <b><i>Abies concolor</i> – <i>Pinus lambertiana</i></b> |                                                                                                            |              | <b>Alliance</b> |
| <b>88.510.00</b>                                        | <b>White fir – sugar pine forest and woodland</b>                                                          | <b>G4 S4</b> |                 |
| 88.510.01                                               | <i>Abies concolor</i> – <i>Pinus lambertiana</i>                                                           | <b>G3 S3</b> | Y               |
| 88.510.03                                               | <i>Abies concolor</i> – <i>Pinus lambertiana</i> / <i>Maianthemum racemosum</i> – <i>Prosartes hookeri</i> | <b>G3?</b>   | Y               |
| 88.510.04                                               | <i>Abies concolor</i> – <i>Pinus lambertiana</i> – <i>Pinus jeffreyi</i>                                   | <b>G4 S4</b> | N               |

**Primary Life for Tree**

| CaCode    | Name                                                                                                                                       | Rarity | Sensitive |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------|--------|-----------|
| 88.510.05 | <i>Abies concolor</i> – <i>Pinus lambertiana</i> – <i>Calocedrus decurrens</i> / <i>Cornus nuttallii</i> / <i>Corylus cornuta</i>          | G3     | Y         |
| 88.510.06 | <i>Abies concolor</i> – <i>Pinus lambertiana</i> – <i>Calocedrus decurrens</i> / <i>Adenocaulon bicolor</i>                                | G3?    | N         |
| 88.510.07 | <i>Abies concolor</i> – <i>Pinus lambertiana</i> – <i>Calocedrus decurrens</i> / <i>Chrysolepis sempervirens</i>                           | G3?    | Y         |
| 88.510.08 | <i>Abies concolor</i> – <i>Pinus lambertiana</i> – <i>Calocedrus decurrens</i> / <i>Symphoricarpos mollis</i> / <i>Kelloggia galioides</i> | GNR    | N         |
| 88.510.09 | <i>Abies concolor</i> – <i>Pinus lambertiana</i> – <i>Calocedrus decurrens</i> – <i>Quercus chrysolepis</i>                                |        | N         |
| 88.510.10 | <i>Abies concolor</i> – <i>Calocedrus decurrens</i> – <i>Pseudotsuga macrocarpa</i> – <i>Pinus coulteri</i>                                |        | N         |
| 88.510.13 | <i>Abies concolor</i> – <i>Pinus lambertiana</i> / <i>Ceanothus cordulatus</i>                                                             |        | N         |
| 88.510.14 | <i>Abies concolor</i> – <i>Pinus lambertiana</i> – <i>Pseudotsuga menziesii</i> / <i>Carex rossii</i>                                      |        | N         |
| 88.510.15 | <i>Pinus ponderosa</i> – <i>Pinus lambertiana</i> / <i>Notholithocarpus densiflorus</i> var. <i>echinoides</i>                             |        | N         |
| 88.510.17 | <i>Abies concolor</i> – <i>Pinus lambertiana</i> – <i>Pinus ponderosa</i> / <i>Notholithocarpus densiflorus</i> var. <i>echinoides</i>     |        | N         |

***Abies concolor* – *Pseudotsuga menziesii*****Alliance****88.530.00 White fir – Douglas fir forest and woodland****G5 S4**

|           |                                                                                                                                        |             |   |
|-----------|----------------------------------------------------------------------------------------------------------------------------------------|-------------|---|
| 82.500.44 | <i>Abies concolor</i> – <i>Pseudotsuga menziesii</i> – <i>Notholithocarpus densiflorus</i>                                             |             | Y |
| 88.530.06 | <i>Abies concolor</i> – <i>Pseudotsuga menziesii</i> – ( <i>Quercus chrysolepis</i> )                                                  |             | Y |
| 88.530.14 | <i>Abies concolor</i> – <i>Pseudotsuga menziesii</i> / <i>Arnica cordifolia</i>                                                        |             | N |
| 88.530.15 | <i>Abies concolor</i> – <i>Pseudotsuga menziesii</i> / <i>Corylus cornuta</i>                                                          |             | Y |
| 88.530.16 | <i>Abies concolor</i> – <i>Pseudotsuga menziesii</i> / <i>Melica subulata</i>                                                          |             | N |
| 88.530.17 | <i>Abies concolor</i> – <i>Pseudotsuga menziesii</i> / <i>Quercus sadleriana</i>                                                       |             | N |
| 88.530.18 | <i>Abies concolor</i> – <i>Pseudotsuga menziesii</i> / <i>Quercus sadleriana</i> – <i>Arctostaphylos nevadensis</i>                    |             | N |
| 88.530.19 | <i>Abies concolor</i> – <i>Pseudotsuga menziesii</i> / <i>Quercus sadleriana</i> – <i>Quercus vacciniifolia</i>                        |             | N |
| 88.530.20 | <i>Abies concolor</i> – <i>Pseudotsuga menziesii</i> / <i>Quercus vacciniifolia</i>                                                    |             | N |
| 88.530.21 | <i>Abies concolor</i> – <i>Pseudotsuga menziesii</i> / <i>Rhododendron macrophyllum</i> – <i>Quercus sadleriana</i>                    |             | Y |
| 88.530.23 | <i>Abies concolor</i> – <i>Pseudotsuga menziesii</i> / <i>Rosa gymnocarpa</i> – <i>Linnaea borealis</i> – <i>Symphoricarpos mollis</i> |             | N |
| 88.530.24 | <i>Abies concolor</i> – <i>Pseudotsuga menziesii</i> / <i>Rosa gymnocarpa</i> – <i>Symphoricarpos mollis</i>                           |             | N |
| 88.530.25 | <i>Abies concolor</i> – <i>Pseudotsuga menziesii</i> / <i>Rosa gymnocarpa</i> / <i>Linnaea borealis</i>                                |             | Y |
| 88.530.26 | <i>Abies concolor</i> – <i>Pseudotsuga menziesii</i> / <i>Rubus parviflorus</i>                                                        |             | Y |
| 88.530.28 | <i>Abies concolor</i> – <i>Pseudotsuga menziesii</i> / <i>Xerophyllum tenax</i>                                                        | Provisional | N |
| 88.530.29 | <i>Abies concolor</i> – <i>Pseudotsuga menziesii</i> / <i>Pteridium aquilinum</i>                                                      |             | N |
| 88.530.30 | <i>Abies concolor</i> – <i>Pseudotsuga menziesii</i> – <i>Calocedrus decurrens</i>                                                     | G3?         | Y |
| 88.530.31 | <i>Abies concolor</i> – <i>Pseudotsuga menziesii</i> / <i>Rubus armeniacus</i>                                                         |             | N |
| 88.530.32 | <i>Abies concolor</i> – <i>Pseudotsuga menziesii</i> / <i>Corylus cornuta</i> / <i>Adenocaulon bicolor</i>                             |             | N |
| 88.530.33 | <i>Abies concolor</i> – <i>Pseudotsuga menziesii</i> / <i>Trientalis latifolia</i>                                                     |             | N |

**Primary Life for Tree**

| CaCode                           | Name                                                                                                                              | Rarity      | Sensitive       |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------|
| 88.530.34                        | <i>Abies concolor</i> – <i>Pseudotsuga menziesii</i> – (mixed conifer) / <i>Acer circinatum</i> – <i>Chrysolepis sempervirens</i> |             | N               |
| 88.530.35                        | <i>Abies concolor</i> – <i>Pseudotsuga menziesii</i> / <i>Amelanchier utahensis</i>                                               |             | N               |
| 88.530.36                        | <i>Abies concolor</i> – <i>Pseudotsuga menziesii</i> / <i>Cornus nuttallii</i>                                                    |             | N               |
| 88.530.37                        | <i>Abies concolor</i> – <i>Pseudotsuga menziesii</i> / <i>Cornus nuttallii</i> / <i>Corylus cornuta</i>                           |             | N               |
| 88.530.38                        | <i>Abies concolor</i> – <i>Pseudotsuga menziesii</i> / <i>Quercus sadleriana</i> – <i>Rhododendron macrophyllum</i>               |             | N               |
| 88.530.39                        | <i>Pseudotsuga menziesii</i> – <i>Abies concolor</i> / Sparse understory                                                          | Provisional | N               |
| <b><i>Abies concolor</i> Dry</b> |                                                                                                                                   |             | <b>Alliance</b> |
| <b>88.501.00</b>                 | <b>Dry White fir forest and woodland</b>                                                                                          | <b>G5</b>   | <b>S3</b>       |
| <b><i>Abies grandis</i></b>      |                                                                                                                                   |             | <b>Alliance</b> |
| <b>88.100.00</b>                 | <b>Grand fir forest</b>                                                                                                           | <b>G4</b>   | <b>S2</b>       |
| 88.100.01                        | <i>Abies grandis</i> – <i>Picea sitchensis</i> / <i>Gaultheria shallon</i> / <i>Polystichum munitum</i>                           | G1          | S1 Y            |
| 88.100.02                        | <i>Abies grandis</i> – <i>Tsuga heterophylla</i> / <i>Polystichum munitum</i>                                                     | G2          | S1 Y            |
| <b><i>Abies lasiocarpa</i></b>   |                                                                                                                                   |             | <b>Alliance</b> |
| <b>88.400.00</b>                 | <b>Subalpine fir forest and woodland</b>                                                                                          | <b>G5</b>   | <b>S2</b>       |
| 88.400.01                        | <i>Abies lasiocarpa</i>                                                                                                           |             | Y               |
| <b><i>Abies magnifica</i></b>    |                                                                                                                                   |             | <b>Alliance</b> |
| <b>88.200.00</b>                 | <b>Red fir forest and woodland</b>                                                                                                | <b>G5</b>   | <b>S4</b>       |
| 88.200.01                        | <i>Abies magnifica</i> / <i>Quercus sadleriana</i>                                                                                |             | N               |
| 88.200.02                        | <i>Abies magnifica</i> / <i>Vaccinium membranaceum</i>                                                                            |             | Y               |
| 88.200.03                        | <i>Abies magnifica</i> / <i>Achlys triphylla</i>                                                                                  |             | N               |
| 88.200.05                        | <i>Abies magnifica</i> / <i>Chimaphila umbellata</i>                                                                              |             | N               |
| 88.200.06                        | <i>Abies magnifica</i> / <i>Penstemon gracilentus</i>                                                                             |             | N               |
| 88.200.09                        | <i>Abies magnifica</i> / <i>Quercus sadleriana</i> – <i>Arctostaphylos nevadensis</i>                                             |             | N               |
| 88.200.10                        | <i>Abies magnifica</i> – ( <i>Calocedrus decurrens</i> )                                                                          |             | Y               |
| 88.200.11                        | <i>Abies magnifica</i> / <i>Orthilia secunda</i>                                                                                  |             | N               |
| 88.200.12                        | <i>Abies magnifica</i> / <i>Rhododendron macrophyllum</i>                                                                         |             | Y               |
| 88.200.14                        | <i>Abies magnifica</i> – <i>Picea breweriana</i> / <i>Quercus sadleriana</i> – <i>Vaccinium membranaceum</i>                      |             | N               |
| 88.200.15                        | <i>Abies magnifica</i> – <i>Tsuga mertensiana</i> / <i>Orthilia secunda</i>                                                       |             | N               |
| 88.200.16                        | <i>Abies magnifica</i> – <i>Pinus contorta</i> / <i>Sphenosciadium capitellatum</i>                                               |             | N               |
| 88.200.23                        | <i>Abies magnifica</i>                                                                                                            | G4          | S4 N            |
| 88.200.25                        | <i>Abies magnifica</i> – <i>Pinus contorta</i> ssp. <i>murrayana</i>                                                              |             | N               |
| 88.200.26                        | <i>Abies magnifica</i> / <i>Wyethia mollis</i>                                                                                    | G3?         | Y               |
| 88.200.28                        | <i>Abies magnifica</i> – ( <i>Pinus monticola</i> ) / <i>Arctostaphylos nevadensis</i>                                            | G3          | S3 Y            |
| 88.200.29                        | <i>Abies magnifica</i> – <i>Pinus monticola</i> – <i>Pinus contorta</i> ssp. <i>murrayana</i>                                     | G3          | S3 Y            |
| 88.200.30                        | <i>Abies magnifica</i> – <i>Pinus monticola</i>                                                                                   | G3          | S3 Y            |
| 88.200.31                        | <i>Abies magnifica</i> – <i>Pinus monticola</i> / <i>Chrysolepis sempervirens</i>                                                 | G3          | S3 Y            |
| 88.200.35                        | <i>Abies magnifica</i> / <i>Leucothoe davisiae</i>                                                                                |             | N               |
| 88.200.36                        | <i>Abies magnifica</i> / <i>Quercus vacciniifolia</i>                                                                             |             | N               |
| 88.200.37                        | <i>Abies magnifica</i> / <i>Linnaea borealis</i>                                                                                  |             | N               |
| 88.200.41                        | <i>Abies magnifica</i> / <i>Lupinus albifrons</i>                                                                                 |             | N               |

**Primary Life for Tree**

| CaCode                             | Name                                                                                                         | Rarity             | Sensitive       |
|------------------------------------|--------------------------------------------------------------------------------------------------------------|--------------------|-----------------|
| 88.200.43                          | <i>Abies magnifica</i> – <i>Pinus monticola</i> / <i>Quercus vaccinifolia</i>                                |                    | N               |
| 88.520.01                          | <i>Abies magnifica</i> – <i>Abies concolor</i>                                                               | G3 S3              | Y               |
| 88.520.02                          | <i>Abies magnifica</i> – <i>Abies concolor</i> / <i>Pteridium aquilinum</i>                                  |                    | N               |
| 88.520.03                          | <i>Abies magnifica</i> – <i>Abies concolor</i> / <i>Arnica cordifolia</i>                                    |                    | N               |
| 88.520.05                          | <i>Abies magnifica</i> – <i>Abies concolor</i> / <i>Symphoricarpos mollis</i> – <i>Rosa gymnocarpa</i>       |                    | N               |
| 88.520.06                          | <i>Abies magnifica</i> – <i>Abies concolor</i> / <i>Quercus sadleriana</i>                                   |                    | N               |
| 88.520.07                          | <i>Abies magnifica</i> – <i>Abies concolor</i> / <i>Arctostaphylos nevadensis</i>                            |                    | N               |
| 88.520.08                          | <i>Abies magnifica</i> – <i>Abies concolor</i> / <i>Achlys triphylla</i>                                     |                    | N               |
| 88.520.09                          | <i>Abies magnifica</i> – <i>Abies concolor</i> – <i>Pinus jeffreyi</i>                                       | G3 S3              | Y               |
| 88.520.10                          | <i>Abies magnifica</i> – <i>Abies concolor</i> / <i>Pinus lambertiana</i>                                    |                    | N               |
| 88.520.11                          | <i>Abies magnifica</i> – <i>Abies concolor</i> / <i>Acer glabrum</i>                                         |                    | N               |
| 88.520.13                          | <i>Abies magnifica</i> – <i>Abies concolor</i> / <i>Penstemon anguineus</i> – <i>Monardella odoratissima</i> |                    | N               |
| 88.520.16                          | <i>Abies magnifica</i> – <i>Abies concolor</i> / <i>Anemone deltoidea</i>                                    |                    | N               |
| <b><i>Acer macrophyllum</i></b>    |                                                                                                              |                    | <b>Alliance</b> |
| <b>61.450.00</b>                   | <b>Bigleaf maple forest and woodland</b>                                                                     | <b>G4 S3</b>       |                 |
| 61.450.01                          | <i>Acer macrophyllum</i> / ( <i>Rubus ursinus</i> )                                                          |                    | Y               |
| 61.450.02                          | <i>Acer macrophyllum</i> – <i>Pseudotsuga menziesii</i> / <i>Adenocaulon bicolor</i>                         |                    | Y               |
| 61.450.03                          | <i>Acer macrophyllum</i> – <i>Pseudotsuga menziesii</i> / <i>Dryopteris arguta</i>                           |                    | Y               |
| 61.450.04                          | <i>Acer macrophyllum</i> – <i>Pseudotsuga menziesii</i> / <i>Corylus cornuta</i>                             |                    | Y               |
| 61.450.05                          | <i>Acer macrophyllum</i> – <i>Pseudotsuga menziesii</i> / <i>Philadelphus lewisii</i>                        |                    | Y               |
| 61.450.06                          | <i>Acer macrophyllum</i> – <i>Pseudotsuga menziesii</i> / <i>Polystichum munitum</i>                         |                    | Y               |
| 74.100.10                          | <i>Umbellularia californica</i> – <i>Acer macrophyllum</i>                                                   | G3 S3?             | Y               |
| 74.100.17                          | <i>Umbellularia californica</i> / <i>Rhododendron occidentale</i>                                            | Provisional G3 S3? | Y               |
| <b><i>Acer negundo</i></b>         |                                                                                                              |                    | <b>Alliance</b> |
| <b>61.440.00</b>                   | <b>Box-elder forest and woodland</b>                                                                         | <b>G5 S3</b>       |                 |
| 61.440.01                          | <i>Acer negundo</i> – <i>Salix gooddingii</i>                                                                |                    | Y               |
| 61.440.02                          | <i>Acer negundo</i> / ( <i>Rubus ursinus</i> )                                                               |                    | Y               |
| <b><i>Aesculus californica</i></b> |                                                                                                              |                    | <b>Alliance</b> |
| <b>75.100.00</b>                   | <b>California buckeye groves</b>                                                                             | <b>G3 S3</b>       |                 |
| 75.100.01                          | <i>Aesculus californica</i> / <i>Toxicodendron diversilobum</i> / moss                                       |                    | Y               |
| 75.100.03                          | <i>Aesculus californica</i>                                                                                  |                    | Y               |
| 75.100.04                          | <i>Aesculus californica</i> / <i>Datisca glomerata</i>                                                       |                    | Y               |
| 75.100.05                          | <i>Aesculus californica</i> / <i>Lupinus albifrons</i>                                                       |                    | Y               |
| 75.100.07                          | <i>Aesculus californica</i> – <i>Umbellularia californica</i>                                                |                    | Y               |
| 75.100.08                          | <i>Aesculus californica</i> / ( <i>Fraxinus dipetala</i> – <i>Ptelea crenulata</i> )                         | Provisional        | Y               |
| <b><i>Alnus rhombifolia</i></b>    |                                                                                                              |                    | <b>Alliance</b> |
| <b>61.420.00</b>                   | <b>White alder groves</b>                                                                                    | <b>G4 S4</b>       |                 |
| 61.420.01                          | <i>Alnus rhombifolia</i> / <i>Polypodium californicum</i>                                                    |                    | Y               |
| 61.420.02                          | <i>Alnus rhombifolia</i> / <i>Aruncus dioicus</i>                                                            |                    | N               |
| 61.420.03                          | <i>Alnus rhombifolia</i> – <i>Acer macrophyllum</i>                                                          | Provisional        | N               |
| 61.420.04                          | <i>Alnus rhombifolia</i> – <i>Pseudotsuga menziesii</i> / <i>Rubus armeniacus</i>                            |                    | N               |
| 61.420.05                          | <i>Alnus rhombifolia</i> / <i>Darmera peltata</i>                                                            |                    | Y               |
| 61.420.06                          | <i>Alnus rhombifolia</i> / <i>Cornus sessilis</i>                                                            |                    | N               |

**Primary Life for Tree**

| CaCode                                  | Name                                                                                                   | Rarity       | Sensitive             |
|-----------------------------------------|--------------------------------------------------------------------------------------------------------|--------------|-----------------------|
| 61.420.07                               | <i>Alnus rhombifolia</i> / <i>Cornus sericea</i>                                                       |              | Y                     |
| 61.420.08                               | <i>Alnus rhombifolia</i> / <i>Galium triflorum</i>                                                     |              | N                     |
| 61.420.09                               | <i>Alnus rhombifolia</i> / <i>Baccharis salicifolia</i>                                                |              | N                     |
| 61.420.10                               | <i>Alnus rhombifolia</i>                                                                               | G2Q          | Y                     |
| 61.420.11                               | <i>Alnus rhombifolia</i> – <i>Platanus racemosa</i>                                                    | G3 S3        | Y                     |
| 61.420.13                               | <i>Alnus rhombifolia</i> – <i>Salix laevigata</i>                                                      |              | Y                     |
| 61.420.17                               | <i>Alnus rhombifolia</i> / <i>Rhododendron occidentale</i>                                             |              | Y                     |
| 61.420.18                               | <i>Alnus rhombifolia</i> / <i>Salix exigua</i> – ( <i>Rosa californica</i> )                           |              | Y                     |
| 61.420.21                               | <i>Alnus rhombifolia</i> / <i>Leucothoe davisiae</i>                                                   |              | N                     |
| 61.420.24                               | <i>Alnus rhombifolia</i> / <i>Carex (nudata)</i>                                                       |              | N                     |
| 61.420.26                               | <i>Alnus rhombifolia</i> / <i>Galium triflorum</i> – <i>Stachys ajugoides</i>                          |              | N                     |
| 61.420.27                               | <i>Alnus rhombifolia</i> / <i>Pteridium aquilinum</i>                                                  |              | N                     |
| 61.420.29                               | <i>Alnus rhombifolia</i> – <i>Pseudotsuga menziesii</i>                                                | Provisional  | N                     |
| 61.420.30                               | <i>Alnus rhombifolia</i> – <i>Pseudotsuga menziesii</i> / <i>Darmera peltata</i>                       | Provisional  | N                     |
| 61.420.31                               | <i>Alnus rhombifolia</i> – <i>Pseudotsuga menziesii</i> – <i>Calocedrus decurrens</i>                  |              | N                     |
| 61.420.32                               | <i>Alnus rhombifolia</i> – <i>Umbellularia californica</i> – ( <i>Quercus chrysolepis</i> )            |              | N                     |
| 85.100.03                               | <i>Calocedrus decurrens</i> – <i>Alnus rhombifolia</i>                                                 | G3?          | Y                     |
| <b><i>Alnus rubra</i></b>               |                                                                                                        |              | <b>Alliance</b>       |
| <b>61.410.00</b>                        | <b>Red alder forest</b>                                                                                | <b>G5 S4</b> |                       |
| 61.410.01                               | <i>Alnus rubra</i> – <i>Pseudotsuga menziesii</i> / <i>Acer circinatum</i> / <i>Claytonia sibirica</i> |              | Y                     |
| 61.410.02                               | <i>Alnus rubra</i> / <i>Gaultheria shallon</i>                                                         |              | Y                     |
| 61.410.05                               | <i>Alnus rubra</i> / <i>Salix lasiolepis</i> – <i>Rubus spp.</i>                                       | G4 S3        | Y                     |
| 61.410.06                               | <i>Alnus rubra</i> / <i>Rubus spectabilis</i> – <i>Sambucus racemosa</i>                               | G3G<br>4     | Y                     |
| <b><i>Arbutus menziesii</i></b>         |                                                                                                        |              | <b>Alliance</b>       |
| <b>73.200.00</b>                        | <b>Madrone forest</b>                                                                                  | <b>G4 S4</b> |                       |
| 73.200.03                               | <i>Arbutus menziesii</i> – ( <i>Quercus agrifolia</i> )                                                | G3 S3?       | Y                     |
| 73.200.04                               | <i>Arbutus menziesii</i> – <i>Umbellularia californica</i>                                             |              | Y                     |
| <b><i>Bursera microphylla</i></b>       |                                                                                                        |              | <b>Special Stands</b> |
| <b>33.120.00</b>                        | <b>Elephant tree stands</b>                                                                            | <b>G4 S1</b> |                       |
| <b><i>Callitropsis nootkatensis</i></b> |                                                                                                        |              | <b>Alliance</b>       |
| <b>81.200.00</b>                        | <b>Alaska yellow-cedar stands</b>                                                                      | <b>G4 S1</b> |                       |
| 81.200.01                               | <i>Callitropsis nootkatensis</i> Subalpine Parkland                                                    | G3 S1        | Y                     |
| <b><i>Calocedrus decurrens</i></b>      |                                                                                                        |              | <b>Alliance</b>       |
| <b>85.100.00</b>                        | <b>Incense cedar forest and woodland</b>                                                               | <b>G4 S3</b> |                       |
| 85.100.01                               | <i>Calocedrus decurrens</i> / <i>Listera convallarioides</i>                                           |              | Y                     |
| 85.100.04                               | <i>Calocedrus decurrens</i> – <i>Quercus chrysolepis</i> – <i>Quercus kelloggii</i>                    |              | Y                     |
| 85.100.05                               | <i>Calocedrus decurrens</i> – <i>Abies concolor</i> / <i>Senecio triangularis</i>                      |              | Y                     |
| <b><i>Chamaecyparis lawsoniana</i></b>  |                                                                                                        |              | <b>Alliance</b>       |
| <b>81.100.00</b>                        | <b>Port Orford cedar forest and woodland</b>                                                           | <b>G3 S3</b> |                       |
| 81.100.01                               | <i>Chamaecyparis lawsoniana</i> / <i>Rhododendron occidentale</i>                                      | G1           | Y                     |
| 81.100.02                               | <i>Chamaecyparis lawsoniana</i> – <i>Pseudotsuga menziesii</i> / <i>Quercus vacciniifolia</i>          |              | Y                     |

**Primary Life for Tree**

| CaCode    | Name                                                                                                                                                        | Rarity      | Sensitive |
|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------|
| 81.100.03 | <i>Chamaecyparis lawsoniana</i> – <i>Abies procera</i> / <i>Quercus sadleriana</i> – <i>Vaccinium membranaceum</i>                                          |             | Y         |
| 81.100.04 | <i>Chamaecyparis lawsoniana</i> / <i>Rhododendron macrophyllum</i> – <i>Gaultheria shallon</i>                                                              |             | Y         |
| 81.100.05 | <i>Chamaecyparis lawsoniana</i> / <i>Gaultheria shallon</i>                                                                                                 |             | Y         |
| 81.100.06 | <i>Chamaecyparis lawsoniana</i> – <i>Abies concolor</i> / <i>Rhododendron occidentale</i>                                                                   |             | Y         |
| 81.100.07 | <i>Chamaecyparis lawsoniana</i> – <i>Abies concolor</i> / <i>Quercus sadleriana</i>                                                                         |             | Y         |
| 81.100.08 | <i>Chamaecyparis lawsoniana</i> – <i>Abies concolor</i> / herb                                                                                              |             | Y         |
| 81.100.10 | <i>Chamaecyparis lawsoniana</i> – <i>Pinus monticola</i> / <i>Quercus vaccinifolia</i>                                                                      |             | Y         |
| 81.100.11 | <i>Chamaecyparis lawsoniana</i> / <i>Rhododendron occidentale</i> – <i>Notholithocarpus densiflorus</i> var. <i>echinoides</i>                              |             | Y         |
| 81.100.12 | <i>Chamaecyparis lawsoniana</i> / <i>Quercus vaccinifolia</i> – <i>Rhododendron occidentale</i>                                                             |             | Y         |
| 81.100.14 | <i>Chamaecyparis lawsoniana</i> – <i>Abies concolor</i> / <i>Chrysolepis sempervirens</i> – ( <i>Rhododendron occidentale</i> – <i>Leucothoe davisiae</i> ) |             | Y         |
| 81.100.15 | <i>Chamaecyparis lawsoniana</i> – <i>Pinus monticola</i> / <i>Rhododendron columbianum</i> / <i>Darlingtonia californica</i>                                |             | Y         |
| 81.100.16 | <i>Chamaecyparis lawsoniana</i> – <i>Pinus monticola</i> / <i>Alnus viridis</i>                                                                             |             | Y         |
| 81.100.17 | <i>Chamaecyparis lawsoniana</i> – <i>Pinus monticola</i> / <i>Vaccinium membranaceum</i>                                                                    |             | Y         |
| 81.100.18 | <i>Chamaecyparis lawsoniana</i> – <i>Pinus monticola</i> / wet herb complex                                                                                 |             | Y         |
| 81.100.19 | <i>Chamaecyparis lawsoniana</i> – <i>Pinus monticola</i> / dry herb complex                                                                                 | Provisional | Y         |
| 81.100.20 | <i>Chamaecyparis lawsoniana</i> – <i>Tsuga heterophylla</i> / <i>Chrysolepis sempervirens</i>                                                               |             | Y         |
| 81.100.21 | <i>Chamaecyparis lawsoniana</i> – <i>Tsuga heterophylla</i> / <i>Rhododendron columbianum</i>                                                               |             | Y         |
| 81.100.22 | <i>Chamaecyparis lawsoniana</i> – <i>Pseudotsuga menziesii</i> / <i>Calycanthus occidentalis</i>                                                            |             | Y         |
| 81.100.24 | <i>Chamaecyparis lawsoniana</i> – <i>Tsuga heterophylla</i> / <i>Leucothoe davisiae</i>                                                                     |             | Y         |
| 81.100.25 | <i>Chamaecyparis lawsoniana</i> – <i>Pseudotsuga menziesii</i> – <i>Notholithocarpus densiflorus</i> / <i>Quercus vaccinifolia</i>                          |             | Y         |
| 81.100.26 | <i>Chamaecyparis lawsoniana</i> – <i>Pseudotsuga menziesii</i> – <i>Notholithocarpus densiflorus</i> / <i>Rhododendron macrophyllum</i>                     |             | Y         |
| 81.100.30 | <i>Chamaecyparis lawsoniana</i> – <i>Abies concolor</i> / <i>Alnus viridis</i>                                                                              |             | Y         |
| 81.100.31 | <i>Chamaecyparis lawsoniana</i> – <i>Abies concolor</i> / <i>Acer circinatum</i>                                                                            |             | Y         |
| 81.100.32 | <i>Chamaecyparis lawsoniana</i> – <i>Abies ×shastensis</i> – <i>Picea breweriana</i> / <i>Quercus sadleriana</i> – <i>Quercus vaccinifolia</i>              |             | Y         |
| 81.100.33 | <i>Chamaecyparis lawsoniana</i> – <i>Abies ×shastensis</i> / <i>Alnus viridis</i> – <i>Quercus sadleriana</i>                                               |             | Y         |
| 81.100.34 | <i>Chamaecyparis lawsoniana</i> – <i>Abies ×shastensis</i> / <i>Alnus viridis</i> / <i>Darlingtonia californica</i>                                         | Provisional | Y         |
| 81.100.35 | <i>Chamaecyparis lawsoniana</i> – <i>Pseudotsuga menziesii</i> / <i>Corylus cornuta</i> var. <i>californica</i>                                             |             | Y         |
| 81.100.36 | <i>Chamaecyparis lawsoniana</i> – <i>Pseudotsuga menziesii</i> – <i>Alnus rubra</i> / <i>Acer circinatum</i> – <i>Mahonia nervosa</i>                       |             | Y         |

**Primary Life for Tree**

| CaCode                                                                                                | Name                                                                                                                                                                                      | Rarity                       | Sensitive |
|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-----------|
| 81.100.37                                                                                             | <i>Chamaecyparis lawsoniana</i> – <i>Pinus monticola</i> / <i>Rhododendron occidentale</i> – <i>Notholithocarpus densiflorus</i> var. <i>echinoides</i> – <i>Rhododendron columbianum</i> |                              | Y         |
| 81.100.39                                                                                             | <i>Chamaecyparis lawsoniana</i> – <i>Calocedrus decurrens</i> – <i>Alnus rhombifolia</i>                                                                                                  |                              | Y         |
| 81.100.40                                                                                             | <i>Chamaecyparis lawsoniana</i> – <i>Calocedrus decurrens</i> / <i>Quercus vacciniifolia</i>                                                                                              |                              | Y         |
| <b><i>Chilopsis linearis</i> – <i>Psorothamnus spinosus</i></b>                                       |                                                                                                                                                                                           | <b>Alliance</b>              |           |
| <b>61.555.00</b>                                                                                      | <b>Desert-willow – smoketree wash woodland</b>                                                                                                                                            | <b>G4 S3</b>                 |           |
| 61.550.01                                                                                             | <i>Chilopsis linearis</i>                                                                                                                                                                 | G3 S3                        | Y         |
| 61.550.02                                                                                             | <i>Chilopsis linearis</i> / <i>Ambrosia salsola</i>                                                                                                                                       |                              | Y         |
| 61.550.04                                                                                             | <i>Chilopsis linearis</i> / <i>Prunus fasciculata</i>                                                                                                                                     |                              | Y         |
| 61.550.05                                                                                             | <i>Chilopsis linearis</i> / ( <i>Ambrosia eriocentra</i> – <i>Salvia dorrii</i> )                                                                                                         |                              | Y         |
| 61.550.07                                                                                             | <i>Chilopsis linearis</i> / <i>Ericameria paniculata</i>                                                                                                                                  |                              | Y         |
| 61.550.08                                                                                             | <i>Chilopsis linearis</i> / <i>Atriplex polycarpa</i>                                                                                                                                     |                              | Y         |
| 61.570.01                                                                                             | <i>Psorothamnus spinosus</i>                                                                                                                                                              | G4G<br>5                     | Y         |
| 61.570.02                                                                                             | <i>Psorothamnus spinosus</i> / <i>Ambrosia salsola</i> – ( <i>Bebbia juncea</i> – <i>Ephedra californica</i> )                                                                            |                              | Y         |
| 61.570.04                                                                                             | <i>Psorothamnus spinosus</i> / <i>Senegalia greggii</i> – ( <i>Hyptis emoryi</i> )                                                                                                        | G4 S3                        | Y         |
| <b><i>Eucalyptus</i> spp. – <i>Ailanthus altissima</i> – <i>Robinia pseudoacacia</i></b>              |                                                                                                                                                                                           | <b>Semi-Natural Alliance</b> |           |
| <b>79.100.00</b>                                                                                      | <b>Eucalyptus – tree of heaven – black locust groves</b>                                                                                                                                  | <b>GNA SNA</b>               |           |
| 79.100.02                                                                                             | <i>Eucalyptus</i> ( <i>globulus</i> , <i>camaldulensis</i> )                                                                                                                              | GNA SNA                      | N         |
| 79.100.03                                                                                             | <i>Ailanthus altissima</i>                                                                                                                                                                | GNA SNA                      | N         |
| 79.100.04                                                                                             | <i>Robinia pseudoacacia</i>                                                                                                                                                               | Provisional GNA SNA          | N         |
| 79.100.05                                                                                             | <i>Acacia melanoxylon</i>                                                                                                                                                                 | Provisional                  | N         |
| 79.100.06                                                                                             | <i>Olea europea</i>                                                                                                                                                                       | Provisional                  | N         |
| <b><i>Fraxinus latifolia</i></b>                                                                      |                                                                                                                                                                                           | <b>Alliance</b>              |           |
| <b>61.960.00</b>                                                                                      | <b>Oregon ash groves</b>                                                                                                                                                                  | <b>G4 S3</b>                 |           |
| 61.960.02                                                                                             | <i>Fraxinus latifolia</i> – <i>Alnus rhombifolia</i>                                                                                                                                      |                              | Y         |
| 61.960.03                                                                                             | <i>Fraxinus latifolia</i> / <i>Cornus sericea</i>                                                                                                                                         |                              | Y         |
| 61.960.04                                                                                             | <i>Fraxinus latifolia</i>                                                                                                                                                                 |                              | Y         |
| 61.960.05                                                                                             | <i>Fraxinus latifolia</i> – <i>Salix laevigata</i>                                                                                                                                        |                              | Y         |
| <b><i>Hesperocyparis</i> (<i>pigmaea</i>, <i>abramsiana</i>, <i>macrocarpa</i>, <i>goveniana</i>)</b> |                                                                                                                                                                                           | <b>Alliance</b>              |           |
| <b>81.450.00</b>                                                                                      | <b>California coastal cypress woodland</b>                                                                                                                                                | <b>G2 S2</b>                 |           |
| 81.400.06                                                                                             | <i>Hesperocyparis pigmaea</i> – <i>Pinus contorta</i> ssp. <i>bolanderi</i> – <i>Pinus muricata</i> / <i>Rhododendron macrophyllum</i>                                                    | G1 S1                        | Y         |
| 81.400.07                                                                                             | <i>Hesperocyparis pigmaea</i> – <i>Pinus contorta</i> ssp. <i>bolanderi</i> / <i>Rhododendron columbianum</i>                                                                             | G1 S1                        | Y         |
| 81.400.08                                                                                             | <i>Hesperocyparis pigmaea</i> – <i>Pinus muricata</i> / <i>Arctostaphylos nummularia</i>                                                                                                  | G1 S1                        | Y         |
| 81.450.01                                                                                             | <i>Hesperocyparis abramsiana</i> / <i>Arctostaphylos</i> spp. – <i>Adenostoma fasciculatum</i>                                                                                            | Provisional G1 S1            | Y         |
| 81.450.02                                                                                             | <i>Hesperocyparis goveniana</i>                                                                                                                                                           | G1 S1                        | Y         |
| 81.604.02                                                                                             | <i>Hesperocyparis macrocarpa</i>                                                                                                                                                          | G1 S1                        | Y         |

**Primary Life for Tree**

| CaCode                                                                   | Name                                                                                          | Rarity         | Sensitive                                       |
|--------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------|-------------------------------------------------|
| <b><i>Hesperocyparis (sargentii, macnabiana)</i></b>                     |                                                                                               |                | <b>Alliance</b>                                 |
| <b>81.550.00</b>                                                         | <b>Ultramafic cypress woodland</b>                                                            | <b>G3 S3</b>   |                                                 |
| 81.300.02                                                                | <i>Hesperocyparis macnabiana</i> / <i>Arctostaphylos viscida</i>                              |                | Y                                               |
| 81.500.01                                                                | <i>Hesperocyparis sargentii</i>                                                               | G2 S2          | Y                                               |
| 81.500.02                                                                | <i>Hesperocyparis sargentii</i> / <i>Rhododendron occidentale</i>                             | G2? S2         | Y                                               |
| 81.500.04                                                                | <i>Hesperocyparis sargentii</i> / <i>Ceanothus jepsonii</i> – <i>Arctostaphylos</i> spp.      | Provisional    | Y                                               |
| 81.500.05                                                                | <i>Hesperocyparis sargentii</i> / <i>Quercus durata</i> (Mesic)                               |                | Y                                               |
| <b><i>Hesperocyparis bakeri</i></b>                                      |                                                                                               |                | <b>Alliance</b>                                 |
| <b>81.601.00</b>                                                         | <b>Baker cypress stands</b>                                                                   | <b>G2 S2</b>   |                                                 |
| 81.601.01                                                                | <i>Hesperocyparis bakeri</i> / <i>Arctostaphylos patula</i>                                   |                | Y                                               |
| <b><i>Hesperocyparis forbesii</i> – <i>Hesperocyparis nevadensis</i></b> |                                                                                               |                | <b>Alliance</b>                                 |
| <b>81.609.00</b>                                                         | <b>Tecate cypress – Piute cypress woodland</b>                                                | <b>G3 S3</b>   |                                                 |
| 81.605.01                                                                | <i>Hesperocyparis nevadensis</i>                                                              |                | Y                                               |
| 81.607.01                                                                | <i>Hesperocyparis forbesii</i>                                                                | Provisional    | Y                                               |
| <b><i>Hesperocyparis macrocarpa</i> – <i>Pinus radiata</i></b>           |                                                                                               |                | <b>Semi-Natural Alliance</b>                    |
| <b>79.400.00</b>                                                         | <b>Monterey cypress – Monterey pine Woodland stands</b>                                       | <b>GNA SNA</b> |                                                 |
| 81.604.01                                                                | <i>Hesperocyparis macrocarpa</i> Ruderal                                                      | GNA SNA        | N                                               |
| 87.240.04                                                                | <i>Pinus radiata</i> plantations                                                              | GNR SNR        | N                                               |
| <b><i>Hesperocyparis stephensonii</i></b>                                |                                                                                               |                | <b>Special Stands</b>                           |
| <b>81.610.00</b>                                                         | <b>Cuyamaca cypress stands</b>                                                                | <b>G1 S1</b>   |                                                 |
| <b><i>Juglans californica</i></b>                                        |                                                                                               |                | <b>Alliance</b>                                 |
| <b>72.100.00</b>                                                         | <b>California walnut groves</b>                                                               | <b>G3 S3</b>   |                                                 |
| 72.100.03                                                                | <i>Juglans californica</i> / annual herbaceous                                                | G3 S3          | Y                                               |
| 72.100.04                                                                | <i>Juglans californica</i> / <i>Artemisia californica</i> / <i>Leymus condensatus</i>         | G3 S3          | Y                                               |
| 72.100.05                                                                | <i>Juglans californica</i> / <i>Ceanothus spinosus</i>                                        | G3 S3          | Y                                               |
| 72.100.06                                                                | <i>Juglans californica</i> / <i>Heteromeles arbutifolia</i>                                   | G3 S3          | Y                                               |
| 72.100.07                                                                | <i>Juglans californica</i> / <i>Malosma laurina</i>                                           | GNR            | Y                                               |
| 72.100.08                                                                | <i>Juglans californica</i> – <i>Quercus agrifolia</i>                                         | G3 S3          | Y                                               |
| <b><i>Juglans hindsii</i> and Hybrids</b>                                |                                                                                               |                | <b>Special Stands and Semi-Natural Alliance</b> |
| <b>61.810.00</b>                                                         | <b>Hinds's walnut and related stands</b>                                                      | <b>G1 S1</b>   |                                                 |
| 61.810.01                                                                | <i>Juglans hindsii</i> / <i>Sambucus nigra</i>                                                | Provisional    | Y                                               |
| 61.810.02                                                                | <i>Juglans hindsii</i>                                                                        |                | Y                                               |
| <b><i>Juniperus californica</i></b>                                      |                                                                                               |                | <b>Alliance</b>                                 |
| <b>89.100.00</b>                                                         | <b>California juniper woodland</b>                                                            | <b>G4 S4</b>   |                                                 |
| 89.100.01                                                                | <i>Juniperus californica</i> / <i>Adenostoma fasciculatum</i> – <i>Eriogonum fasciculatum</i> |                | Y                                               |
| 89.100.02                                                                | <i>Juniperus californica</i> / <i>Ericameria linearifolia</i> / annual – perennial herb       |                | Y                                               |
| 89.100.03                                                                | <i>Juniperus californica</i> / <i>Agave deserti</i>                                           |                | N                                               |
| 89.100.04                                                                | <i>Juniperus californica</i> / <i>Coleogyne ramosissima</i>                                   | G3 S3.2        | Y                                               |

**Primary Life for Tree**

| CaCode                                     | Name                                                                                                                | Rarity       | Sensitive       |
|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------|--------------|-----------------|
| 89.100.05                                  | <i>Juniperus californica</i> / <i>Quercus cornelius-mulleri</i> – <i>Coleogyne ramosissima</i>                      | G3 S3.1      | Y               |
| 89.100.08                                  | <i>Juniperus californica</i> / <i>Yucca schidigera</i> / <i>Pleuraphis rigida</i>                                   | G3 S3        | Y               |
| 89.100.12                                  | <i>Juniperus californica</i> / <i>Eriogonum fasciculatum</i> – <i>Artemisia californica</i>                         |              | N               |
| 89.100.14                                  | <i>Juniperus californica</i> / ( <i>Cercocarpus montanus</i> – <i>Fraxinus dipetala</i> )                           | G3 S3        | Y               |
| 89.100.15                                  | <i>Juniperus californica</i> / herbaceous                                                                           |              | Y               |
| 89.100.16                                  | <i>Juniperus californica</i> / <i>Prunus ilicifolia</i> / moss                                                      |              | N               |
| 89.100.19                                  | <i>Juniperus californica</i> / <i>Salvia leucophylla</i>                                                            |              | Y               |
| <b><i>Juniperus grandis</i></b>            |                                                                                                                     |              | <b>Alliance</b> |
| <b>89.200.00</b>                           | <b>Mountain juniper woodland</b>                                                                                    | <b>G4 S4</b> |                 |
| 89.200.02                                  | <i>Juniperus grandis</i> / <i>Artemisia tridentata</i>                                                              | G3?          | Y               |
| 89.200.03                                  | <i>Juniperus grandis</i> – <i>Cercocarpus ledifolius</i> / <i>Artemisia tridentata</i>                              | G3?          | Y               |
| 89.200.04                                  | <i>Juniperus grandis</i> / <i>Holodiscus discolor</i>                                                               |              | N               |
| 89.200.06                                  | <i>Juniperus grandis</i> / ( <i>Arctostaphylos nevadensis</i> – <i>Quercus vacciniifolia</i> )                      |              | N               |
| <b><i>Juniperus occidentalis</i></b>       |                                                                                                                     |              | <b>Alliance</b> |
| <b>89.400.00</b>                           | <b>Western juniper woodland</b>                                                                                     | <b>G5 S4</b> |                 |
| 89.400.02                                  | <i>Juniperus occidentalis</i>                                                                                       |              | N               |
| 89.400.03                                  | <i>Juniperus occidentalis</i> – ( <i>Pinus jeffreyi</i> – <i>Pinus ponderosa</i> ) / <i>Cercocarpus ledifolius</i>  |              | N               |
| 89.400.04                                  | <i>Juniperus occidentalis</i> / <i>Artemisia arbuscula</i> / <i>Poa secunda</i>                                     |              | N               |
| 89.400.05                                  | <i>Juniperus occidentalis</i> / ( <i>Poa secunda</i> – <i>Festuca idahoensis</i> – <i>Pseudoroegneria spicata</i> ) |              | N               |
| 89.400.06                                  | <i>Juniperus occidentalis</i> / <i>Artemisia tridentata</i> – <i>Purshia tridentata</i>                             |              | N               |
| <b><i>Juniperus osteosperma</i></b>        |                                                                                                                     |              | <b>Alliance</b> |
| <b>89.300.00</b>                           | <b>Utah juniper woodland and forest</b>                                                                             | <b>G5 S3</b> |                 |
| 89.300.01                                  | <i>Juniperus osteosperma</i>                                                                                        | G5           | Y               |
| 89.300.05                                  | <i>Juniperus osteosperma</i> – <i>Yucca brevifolia</i> / <i>Bouteloua eriopoda</i>                                  |              | Y               |
| 89.300.06                                  | <i>Juniperus osteosperma</i> / <i>Atriplex confertifolia</i> – ( <i>Tetradymia axillaris</i> )                      |              | Y               |
| 89.300.07                                  | <i>Juniperus osteosperma</i> / <i>Ambrosia dumosa</i>                                                               |              | Y               |
| 89.300.08                                  | <i>Juniperus osteosperma</i> / <i>Coleogyne ramosissima</i>                                                         | GNR          | Y               |
| 89.300.11                                  | <i>Juniperus osteosperma</i> / <i>Ephedra nevadensis</i> / <i>Achnatherum speciosum</i>                             |              | Y               |
| 89.300.12                                  | <i>Juniperus osteosperma</i> / <i>Artemisia tridentata</i> ssp. <i>tridentata</i>                                   |              | Y               |
| 89.300.13                                  | <i>Juniperus osteosperma</i> / <i>Eriogonum fasciculatum</i> – <i>Yucca baccata</i>                                 |              | Y               |
| <b><i>Notholithocarpus densiflorus</i></b> |                                                                                                                     |              | <b>Alliance</b> |
| <b>73.100.00</b>                           | <b>Tanoak forest</b>                                                                                                | <b>G4 S3</b> |                 |
| 73.100.01                                  | <i>Notholithocarpus densiflorus</i> – <i>Pinus lambertiana</i> / <i>Toxicodendron diversilobum</i>                  |              | Y               |
| 73.100.02                                  | <i>Notholithocarpus densiflorus</i> / <i>Frangula californica</i>                                                   |              | Y               |
| 73.100.03                                  | <i>Notholithocarpus densiflorus</i> – <i>Arbutus menziesii</i>                                                      | G3 S3        | Y               |
| 73.100.04                                  | <i>Notholithocarpus densiflorus</i> / <i>Corylus cornuta</i>                                                        |              | Y               |
| 73.100.05                                  | <i>Notholithocarpus densiflorus</i> / <i>Gaultheria shallon</i>                                                     |              | Y               |
| 73.100.06                                  | <i>Notholithocarpus densiflorus</i> / <i>Mahonia nervosa</i>                                                        |              | Y               |
| 73.100.07                                  | <i>Notholithocarpus densiflorus</i> / <i>Quercus vacciniifolia</i> – <i>Rhododendron macrophyllum</i>               |              | Y               |

**Primary Life for Tree**

| CaCode                                             | Name                                                                                                                      | Rarity         | Sensitive                    |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|----------------|------------------------------|
| 73.100.08                                          | <i>Notholithocarpus densiflorus</i> / <i>Toxicodendron diversilobum</i> – <i>Lonicera hispidula</i> var. <i>vacillans</i> |                | Y                            |
| 73.100.09                                          | <i>Notholithocarpus densiflorus</i> / <i>Vaccinium ovatum</i>                                                             |                | Y                            |
| 73.100.10                                          | <i>Notholithocarpus densiflorus</i> – <i>Acer circinatum</i>                                                              |                | Y                            |
| 73.100.11                                          | <i>Notholithocarpus densiflorus</i> – <i>Acer macrophyllum</i>                                                            |                | Y                            |
| 73.100.12                                          | <i>Notholithocarpus densiflorus</i> – <i>Calocedrus decurrens</i> / <i>Festuca californica</i>                            |                | Y                            |
| 73.100.13                                          | <i>Notholithocarpus densiflorus</i> – <i>Chamaecyparis lawsoniana</i>                                                     |                | Y                            |
| 73.100.14                                          | <i>Notholithocarpus densiflorus</i> – <i>Chrysolepis chrysophylla</i>                                                     |                | Y                            |
| 73.100.15                                          | <i>Notholithocarpus densiflorus</i> – <i>Cornus nuttallii</i>                                                             |                | Y                            |
| 73.100.16                                          | <i>Notholithocarpus densiflorus</i> – <i>Cornus nuttallii</i> / <i>Toxicodendron diversilobum</i>                         |                | Y                            |
| 73.100.17                                          | <i>Notholithocarpus densiflorus</i> – <i>Quercus chrysolepis</i>                                                          |                | Y                            |
| 73.100.18                                          | <i>Notholithocarpus densiflorus</i> – <i>Quercus kelloggii</i>                                                            |                | Y                            |
| 73.100.20                                          | <i>Notholithocarpus densiflorus</i> – <i>Arbutus menziesii</i> / <i>Ceanothus integrerrimus</i>                           |                | Y                            |
| 73.100.21                                          | <i>Notholithocarpus densiflorus</i>                                                                                       |                | Y                            |
| <b>Parkinsonia florida – Olneya tesota</b>         |                                                                                                                           |                | <b>Alliance</b>              |
| <b>61.545.00</b>                                   | <b>Blue palo verde – ironwood woodland</b>                                                                                | <b>G4 S4</b>   |                              |
| 61.545.01                                          | <i>Olneya tesota</i>                                                                                                      |                | Y                            |
| 61.545.02                                          | <i>Olneya tesota</i> – <i>Psoralea schottii</i>                                                                           |                | Y                            |
| 61.545.03                                          | <i>Olneya tesota</i> / <i>Larrea tridentata</i> – <i>Encelia farinosa</i>                                                 |                | Y                            |
| 61.545.04                                          | <i>Olneya tesota</i> / <i>Hyptis emoryi</i>                                                                               | G4 S3          | Y                            |
| 61.545.05                                          | <i>Parkinsonia florida</i>                                                                                                |                | Y                            |
| 61.545.06                                          | <i>Parkinsonia florida</i> – <i>Senegalia greggii</i> – <i>Encelia frutescens</i>                                         |                | Y                            |
| 61.545.07                                          | <i>Parkinsonia florida</i> / <i>Chilopsis linearis</i>                                                                    | G3 S3          | Y                            |
| 61.545.08                                          | <i>Parkinsonia florida</i> / <i>Hyptis emoryi</i>                                                                         | G4 S3          | Y                            |
| 61.545.09                                          | <i>Parkinsonia florida</i> / <i>Larrea tridentata</i> – <i>Peucephyllum schottii</i>                                      |                | Y                            |
| 61.545.10                                          | <i>Parkinsonia florida</i> – <i>Olneya tesota</i>                                                                         |                | Y                            |
| 61.545.11                                          | <i>Parkinsonia florida</i> – <i>Olneya tesota</i> / <i>Hyptis emoryi</i>                                                  |                | Y                            |
| 61.545.12                                          | <i>Parkinsonia florida</i> – <i>Olneya tesota</i> / <i>Cylindropuntia munzii</i>                                          |                | Y                            |
| <b>Phoenix dactylifera – Washingtonia filifera</b> |                                                                                                                           |                | <b>Semi-Natural Alliance</b> |
| <b>79.300.00</b>                                   | <b>Date palm – California fan palm groves</b>                                                                             | <b>GNA SNA</b> |                              |
| 79.300.01                                          | <i>Phoenix dactylifera</i>                                                                                                | GNA SNA        | N                            |
| 79.300.02                                          | <i>Washingtonia filifera</i> / spring (non-native)                                                                        | Provisional    | N                            |
| <b>Picea breweriana</b>                            |                                                                                                                           |                | <b>Alliance</b>              |
| <b>83.300.00</b>                                   | <b>Brewer spruce forest and woodland</b>                                                                                  | <b>G3 S2</b>   |                              |
| 83.300.03                                          | <i>Picea breweriana</i> – <i>Abies concolor</i> / <i>Chimaphila umbellata</i> – <i>Pyrola picta</i>                       |                | Y                            |
| <b>Picea engelmannii</b>                           |                                                                                                                           |                | <b>Alliance</b>              |
| <b>83.100.00</b>                                   | <b>Engelmann spruce forest</b>                                                                                            | <b>G5 S2</b>   |                              |
| 83.100.01                                          | <i>Picea engelmannii</i> / <i>Clintonia uniflora</i>                                                                      | G3 S1          | Y                            |
| 83.100.02                                          | <i>Picea engelmannii</i> / <i>Senecio triangularis</i>                                                                    | G3 S1          | Y                            |
| <b>Picea sitchensis</b>                            |                                                                                                                           |                | <b>Alliance</b>              |
| <b>83.200.00</b>                                   | <b>Sitka spruce forest and woodland</b>                                                                                   | <b>G5 S2</b>   |                              |

**Primary Life for Tree**

| CaCode                                            | Name                                                                                                     | Rarity       | Sensitive       |
|---------------------------------------------------|----------------------------------------------------------------------------------------------------------|--------------|-----------------|
| 83.200.01                                         | <i>Picea sitchensis</i> / <i>Maianthemum dilatatum</i>                                                   |              | Y               |
| 83.200.02                                         | <i>Picea sitchensis</i> / <i>Rubus spectabilis</i>                                                       | G3           | Y               |
| 83.200.03                                         | <i>Picea sitchensis</i> / <i>Polystichum munitum</i>                                                     | G4?          | Y               |
| 83.200.04                                         | <i>Picea sitchensis</i> – <i>Tsuga heterophylla</i>                                                      |              | Y               |
| <b><i>Pinus albicaulis</i></b>                    |                                                                                                          |              | <b>Alliance</b> |
| <b>87.180.00</b>                                  | <b>Whitebark pine forest and woodland</b>                                                                | <b>G5 S4</b> |                 |
| 87.180.01                                         | <i>Pinus albicaulis</i> / <i>Achnatherum occidentale</i> ssp. <i>californicum</i>                        |              | N               |
| 87.180.02                                         | <i>Pinus albicaulis</i> / <i>Penstemon gracilentus</i>                                                   |              | N               |
| 87.180.03                                         | <i>Pinus albicaulis</i> / <i>Arenaria aculeata</i>                                                       |              | N               |
| 87.180.04                                         | <i>Pinus albicaulis</i> / <i>Holodiscus discolor</i>                                                     |              | N               |
| 87.180.05                                         | <i>Pinus albicaulis</i> / <i>Poa wheeleri</i>                                                            |              | N               |
| 87.180.06                                         | <i>Pinus albicaulis</i> / <i>Penstemon davidsonii</i>                                                    | G3G<br>4     | Y               |
| 87.180.07                                         | <i>Pinus albicaulis</i> – <i>Tsuga mertensiana</i>                                                       | G3G<br>4     | Y               |
| 87.180.08                                         | <i>Pinus albicaulis</i> / <i>Carex filifolia</i>                                                         | G3G<br>4     | Y               |
| 87.180.09                                         | <i>Pinus albicaulis</i> / <i>Carex rossii</i>                                                            | G3?          | Y               |
| 87.180.10                                         | <i>Pinus albicaulis</i> / <i>Artemisia tridentata</i> ssp. <i>vaseyana</i>                               |              | Y               |
| 87.180.11                                         | <i>Pinus contorta</i> ssp. <i>murrayana</i> – <i>Pinus albicaulis</i> / <i>Carex (filifolia, rossii)</i> |              | N               |
| 87.180.12                                         | <i>Pinus albicaulis</i> / <i>Juniperus communis</i>                                                      |              | Y               |
| <b><i>Pinus attenuata</i></b>                     |                                                                                                          |              | <b>Alliance</b> |
| <b>87.100.00</b>                                  | <b>Knobcone pine forest and woodland</b>                                                                 | <b>G4 S4</b> |                 |
| 87.100.01                                         | <i>Pinus attenuata</i> / <i>Arctostaphylos columbiana</i>                                                |              | N               |
| 87.100.02                                         | <i>Pinus attenuata</i> / <i>Arctostaphylos patula</i>                                                    |              | N               |
| 87.100.03                                         | <i>Pinus attenuata</i> / <i>Quercus vacciniifolia</i>                                                    |              | N               |
| 87.100.04                                         | <i>Pinus attenuata</i> / <i>Adenostoma fasciculatum</i>                                                  |              | N               |
| 87.100.05                                         | <i>Pinus attenuata</i> / <i>Arctostaphylos viscida</i>                                                   | G3           | Y               |
| 87.100.06                                         | <i>Pinus attenuata</i> / <i>Arctostaphylos glandulosa</i>                                                |              | N               |
| 87.100.07                                         | <i>Pinus attenuata</i> / <i>Ceanothus lemmonii</i>                                                       |              | N               |
| 87.100.08                                         | <i>Pinus attenuata</i> – mixed oak / <i>Arctostaphylos viscida</i>                                       |              | N               |
| 87.100.09                                         | <i>Pinus attenuata</i> / <i>Arctostaphylos (manzanita, canescens)</i>                                    |              | Y               |
| 87.100.10                                         | <i>Pinus attenuata</i> / <i>Arctostaphylos (crustacea)</i>                                               |              | Y               |
| <b><i>Pinus balfouriana</i></b>                   |                                                                                                          |              | <b>Alliance</b> |
| <b>87.150.00</b>                                  | <b>Foxtail pine woodland</b>                                                                             | <b>G3 S3</b> |                 |
| 87.150.01                                         | <i>Pinus balfouriana</i>                                                                                 |              | Y               |
| 87.150.02                                         | <i>Pinus balfouriana</i> / <i>Anemone drummondii</i>                                                     |              | Y               |
| 87.150.03                                         | <i>Pinus balfouriana</i> / <i>Chrysolepis sempervirens</i>                                               |              | Y               |
| 87.150.04                                         | <i>Pinus balfouriana</i> – <i>Abies magnifica</i>                                                        |              | Y               |
| 87.150.05                                         | <i>Pinus balfouriana</i> – <i>Pinus albicaulis</i>                                                       |              | Y               |
| 87.150.06                                         | <i>Pinus balfouriana</i> – <i>Pinus monticola</i>                                                        |              | Y               |
| 87.150.07                                         | <i>Pinus balfouriana</i> – <i>Pinus flexilis</i>                                                         |              | Y               |
| <b><i>Pinus contorta</i> ssp. <i>contorta</i></b> |                                                                                                          |              | <b>Alliance</b> |
| <b>87.060.00</b>                                  | <b>Beach pine forest and woodland</b>                                                                    | <b>G5 S3</b> |                 |
| 87.060.01                                         | <i>Pinus contorta</i> ssp. <i>contorta</i>                                                               |              | Y               |

**Primary Life for Tree**

| CaCode                                             | Name                                                                                                                               | Rarity        | Sensitive       |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------------|
| 87.060.02                                          | <i>Pinus contorta</i> ssp. <i>contorta</i> – <i>Picea sitchensis</i>                                                               |               | Y               |
| <b><i>Pinus contorta</i> ssp. <i>murrayana</i></b> |                                                                                                                                    |               | <b>Alliance</b> |
| <b>87.080.00</b>                                   | <b>Lodgepole pine forest and woodland</b>                                                                                          | <b>G4 S4</b>  |                 |
| 87.080.01                                          | <i>Pinus contorta</i> ssp. <i>murrayana</i>                                                                                        | G4?           | N               |
| 87.080.02                                          | <i>Pinus contorta</i> ssp. <i>murrayana</i> / <i>Artemisia tridentata</i>                                                          | G3?           | Y               |
| 87.080.03                                          | <i>Pinus contorta</i> ssp. <i>murrayana</i> / <i>Ligusticum grayi</i>                                                              | G4?           | N               |
| 87.080.05                                          | <i>Pinus contorta</i> ssp. <i>murrayana</i> / <i>Cistanthe umbellata</i>                                                           |               | N               |
| 87.080.06                                          | <i>Pinus contorta</i> ssp. <i>murrayana</i> / <i>Carex rossii</i>                                                                  | G3?           | Y               |
| 87.080.07                                          | <i>Pinus contorta</i> ssp. <i>murrayana</i> / <i>Thalictrum fendleri</i>                                                           |               | N               |
| 87.080.09                                          | <i>Pinus contorta</i> ssp. <i>murrayana</i> / <i>Vaccinium uliginosum</i>                                                          | G3 S3?        | Y               |
| 87.080.10                                          | <i>Pinus contorta</i> ssp. <i>murrayana</i> / <i>Carex filifolia</i>                                                               | G4 S4         | N               |
| 87.080.12                                          | <i>Pinus contorta</i> ssp. <i>murrayana</i> / <i>Penstemon newberryi</i>                                                           | G3?           | Y               |
| 87.080.13                                          | <i>Pinus contorta</i> ssp. <i>murrayana</i> / <i>Carex</i> spp.                                                                    |               | N               |
| 87.080.14                                          | <i>Pinus contorta</i> ssp. <i>murrayana</i> / <i>Rhododendron columbianum</i> – <i>Phyllodoce breweri</i>                          |               | N               |
| 87.080.15                                          | <i>Pinus contorta</i> ssp. <i>murrayana</i> / <i>Vaccinium cespitosum</i>                                                          |               | N               |
| 87.080.16                                          | <i>Pinus contorta</i> ssp. <i>murrayana</i> / <i>Vaccinium uliginosum</i> – <i>Rhododendron columbianum</i>                        |               | N               |
| <b><i>Pinus coulteri</i></b>                       |                                                                                                                                    |               | <b>Alliance</b> |
| <b>87.090.00</b>                                   | <b>Coulter pine woodland and forest</b>                                                                                            | <b>G4 S4</b>  |                 |
| 87.090.01                                          | <i>Pinus coulteri</i> – <i>Calocedrus decurrens</i> – <i>Pinus jeffreyi</i> / <i>Quercus durata</i>                                | G2 S2         | Y               |
| 87.090.02                                          | <i>Pinus coulteri</i> – <i>Calocedrus decurrens</i> / <i>Quercus durata</i> – <i>Arctostaphylos glauca</i>                         | G3 S3         | Y               |
| 87.090.03                                          | <i>Pinus coulteri</i> – <i>Pinus sabiniana</i> / <i>Quercus durata</i> – <i>Arctostaphylos pungens</i>                             | G3 S3         | Y               |
| 87.090.04                                          | <i>Pinus coulteri</i> – <i>Quercus chrysolepis</i>                                                                                 |               | N               |
| 87.090.06                                          | <i>Pinus coulteri</i> – <i>Quercus chrysolepis</i> / <i>Arctostaphylos pringlei</i>                                                |               | Y               |
| 87.090.07                                          | <i>Pinus coulteri</i> / <i>Arctostaphylos (auriculata, manzanita)</i>                                                              | Provisional   | Y               |
| 87.092.01                                          | <i>Pinus coulteri</i> / <i>Arctostaphylos glandulosa</i> – <i>Quercus wislizeni</i>                                                |               | N               |
| 87.092.02                                          | <i>Pinus coulteri</i> / <i>Arctostaphylos glauca</i>                                                                               | G3 S3         | Y               |
| 87.092.03                                          | <i>Pinus coulteri</i> – <i>Calocedrus decurrens</i> / <i>Frangula californica</i> ssp. <i>tomentella</i> / <i>Aquilegia eximia</i> | G2 S2         | Y               |
| 87.092.04                                          | <i>Pinus coulteri</i> / <i>Quercus durata</i>                                                                                      | G3 S3         | Y               |
| 87.092.05                                          | <i>Pinus coulteri</i> – <i>Quercus wislizeni</i>                                                                                   |               | N               |
| 87.092.07                                          | <i>Pinus coulteri</i> / <i>Arctostaphylos glandulosa</i>                                                                           |               | N               |
| 87.092.08                                          | <i>Pinus coulteri</i> – <i>Quercus kelloggii</i>                                                                                   |               | N               |
| <b><i>Pinus edulis</i></b>                         |                                                                                                                                    |               | <b>Alliance</b> |
| <b>87.050.00</b>                                   | <b>Two-needle pinyon stands</b>                                                                                                    | <b>G4 S2?</b> |                 |
| 87.050.01                                          | <i>Pinus edulis</i> – <i>Juniperus osteosperma</i> / <i>Quercus turbinella</i>                                                     |               | Y               |
| <b><i>Pinus flexilis</i></b>                       |                                                                                                                                    |               | <b>Alliance</b> |
| <b>87.160.00</b>                                   | <b>Limber pine woodland</b>                                                                                                        | <b>G5 S3</b>  |                 |
| 87.160.01                                          | <i>Pinus flexilis</i> / <i>Cercocarpus ledifolius</i>                                                                              | G4            | Y               |
| 87.160.02                                          | <i>Pinus flexilis</i> – <i>Pinus contorta</i> / <i>Chrysolepis sempervirens</i>                                                    |               | Y               |
| 87.160.03                                          | <i>Pinus flexilis</i> – <i>Pinus contorta</i> ssp. <i>murrayana</i>                                                                |               | Y               |
| 87.160.04                                          | <i>Pinus flexilis</i> / <i>Artemisia tridentata</i>                                                                                |               | Y               |

**Primary Life for Tree**

| CaCode           | Name                                                                                                                                      | Rarity    | Sensitive | Alliance |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------|----------|
|                  | <b><i>Pinus jeffreyi</i></b>                                                                                                              |           |           |          |
| <b>87.020.00</b> | <b>Jeffrey pine forest and woodland</b>                                                                                                   | <b>G4</b> | <b>S4</b> |          |
| 87.020.01        | <i>Pinus jeffreyi</i> / <i>Quercus sadleriana</i> / <i>Xerophyllum tenax</i>                                                              |           |           | N        |
| 87.020.02        | <i>Pinus jeffreyi</i> – <i>Pseudotsuga menziesii</i> / <i>Quercus vaccinifolia</i> / <i>Festuca californica</i>                           |           |           | Y        |
| 87.020.03        | <i>Pinus jeffreyi</i> / <i>Festuca idahoensis</i>                                                                                         |           |           | Y        |
| 87.020.04        | <i>Pinus jeffreyi</i> – <i>Calocedrus decurrens</i> / <i>Ceanothus cuneatus</i>                                                           |           |           | N        |
| 87.020.05        | <i>Pinus jeffreyi</i> – <i>Calocedrus decurrens</i> / <i>Quercus vaccinifolia</i> / <i>Xerophyllum tenax</i>                              |           |           | N        |
| 87.020.07        | <i>Pinus jeffreyi</i>                                                                                                                     | GNR       |           | N        |
| 87.020.08        | <i>Pinus jeffreyi</i> / <i>Quercus vaccinifolia</i>                                                                                       | G4?       |           | N        |
| 87.020.09        | <i>Pinus jeffreyi</i> / <i>Arctostaphylos patula</i>                                                                                      | G4?       |           | N        |
| 87.020.10        | <i>Pinus jeffreyi</i> / <i>Ceanothus cordulatus</i>                                                                                       | G3?       |           | Y        |
| 87.020.11        | <i>Pinus jeffreyi</i> / <i>Lupinus caudatus</i>                                                                                           |           |           | N        |
| 87.020.13        | <i>Pinus jeffreyi</i> / <i>Purshia tridentata</i> var. <i>tridentata</i> / <i>Cercocarpus ledifolius</i> / <i>Achnatherum occidentale</i> |           |           | Y        |
| 87.020.15        | <i>Pinus jeffreyi</i> – <i>Quercus kelloggii</i> / <i>Poa secunda</i>                                                                     |           |           | Y        |
| 87.020.16        | <i>Pinus jeffreyi</i> – <i>Quercus kelloggii</i> / <i>Rhus trilobata</i>                                                                  |           |           | Y        |
| 87.020.17        | <i>Pinus jeffreyi</i> / <i>Cercocarpus ledifolius</i>                                                                                     | GNR       |           | Y        |
| 87.020.18        | <i>Pinus jeffreyi</i> / <i>Symphoricarpos longiflorus</i> / <i>Poa wheeleri</i>                                                           |           |           | Y        |
| 87.020.20        | <i>Pinus jeffreyi</i> / <i>Chrysolepis sempervirens</i>                                                                                   | G3?       |           | Y        |
| 87.020.21        | <i>Pinus jeffreyi</i> / <i>Purshia tridentata</i> var. <i>tridentata</i>                                                                  | G3G<br>4  |           | Y        |
| 87.020.22        | <i>Pinus jeffreyi</i> / <i>Ericameria ophitidis</i>                                                                                       |           |           | Y        |
| 87.020.23        | <i>Pinus jeffreyi</i> / <i>Calamagrostis koelerioides</i>                                                                                 |           |           | Y        |
| 87.020.24        | <i>Pinus jeffreyi</i> / <i>Arctostaphylos nevadensis</i>                                                                                  |           |           | N        |
| 87.020.25        | <i>Pinus jeffreyi</i> – <i>Quercus kelloggii</i>                                                                                          |           |           | N        |
| 87.020.26        | <i>Pinus jeffreyi</i> – <i>Pinus monophylla</i>                                                                                           | GNR       |           | N        |
| 87.020.27        | <i>Pinus jeffreyi</i> / <i>Quercus vaccinifolia</i> – <i>Arctostaphylos nevadensis</i> / <i>Festuca idahoensis</i>                        |           |           | N        |
| 87.020.28        | <i>Pinus jeffreyi</i> – <i>Calocedrus decurrens</i> / <i>Ceanothus pumilus</i>                                                            |           |           | N        |
| 87.020.30        | <i>Pinus jeffreyi</i> – <i>Abies concolor</i>                                                                                             |           |           | N        |
| 87.020.32        | <i>Pinus jeffreyi</i> / <i>Artemisia tridentata</i> / <i>Penstemon centranthifolius</i>                                                   |           |           | N        |
| 87.020.33        | <i>Pinus jeffreyi</i> / <i>Quercus palmeri</i>                                                                                            |           |           | N        |
| 87.020.34        | <i>Pinus jeffreyi</i> / <i>Quercus wislizeni</i>                                                                                          |           |           | N        |
| 87.020.35        | <i>Pinus jeffreyi</i> / <i>Arctostaphylos patula</i> – <i>Ceanothus velutinus</i>                                                         |           |           | N        |
| 87.020.36        | <i>Pinus jeffreyi</i> / <i>Ceanothus cordulatus</i> – <i>Artemisia tridentata</i>                                                         |           |           | N        |
| 87.020.37        | <i>Pinus jeffreyi</i> – <i>Calocedrus decurrens</i> / <i>Quercus vaccinifolia</i>                                                         |           |           | N        |
| 87.020.38        | <i>Pinus jeffreyi</i> – <i>Quercus chrysolepis</i> / <i>Arctostaphylos viscida</i>                                                        |           |           | N        |
| 87.020.39        | <i>Pinus jeffreyi</i> – <i>Abies magnifica</i>                                                                                            | G3?       |           | Y        |
| 87.020.40        | <i>Pinus jeffreyi</i> – <i>Abies concolor</i> / <i>Festuca californica</i>                                                                |           |           | Y        |
| 87.020.41        | <i>Pinus jeffreyi</i> / <i>Ceanothus prostratus</i>                                                                                       |           |           | Y        |
| 87.020.42        | <i>Pinus jeffreyi</i> / <i>Wyethia mollis</i>                                                                                             |           |           | N        |
| 87.200.08        | <i>Pinus jeffreyi</i> – <i>Pinus ponderosa</i> – <i>Quercus kelloggii</i> / <i>Poa wheeleri</i> / <i>granite</i>                          |           |           | N        |
| 87.205.03        | <i>Pinus jeffreyi</i> – <i>Abies concolor</i> – <i>Abies magnifica</i>                                                                    |           |           | N        |
| 87.205.05        | <i>Pinus jeffreyi</i> – <i>Abies concolor</i> / <i>Quercus sadleriana</i>                                                                 |           |           | N        |

**Primary Life for Tree**

| CaCode                                                          | Name                                                                                                                                                                   | Rarity       | Sensitive       |
|-----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------------|
| 87.205.06                                                       | <i>Pinus jeffreyi</i> – <i>Abies concolor</i> / <i>Iris innominata</i>                                                                                                 |              | N               |
| 87.205.07                                                       | <i>Pinus jeffreyi</i> – <i>Abies concolor</i> / <i>Symphoricarpos rotundifolius</i> / <i>Elymus elymoides</i>                                                          | G3?          | Y               |
| <b><i>Pinus lambertiana</i></b>                                 |                                                                                                                                                                        |              | <b>Alliance</b> |
| <b>87.206.00</b>                                                | <b>Sugar pine forest and woodland</b>                                                                                                                                  | <b>G4 S3</b> |                 |
| 87.206.01                                                       | <i>Pinus lambertiana</i> – <i>Chrysolepis chrysophylla</i> / <i>Quercus vacciniifolia</i> – <i>Quercus sadleriana</i>                                                  |              | Y               |
| 87.206.02                                                       | <i>Pinus lambertiana</i> – <i>Pinus contorta</i> ssp. <i>contorta</i> / <i>Quercus vacciniifolia</i> – <i>Notholithocarpus densiflorus</i> var. <i>echinoides</i>      |              | Y               |
| 87.206.03                                                       | <i>Pinus lambertiana</i> – <i>Pinus contorta</i> ssp. <i>murrayana</i> / <i>Notholithocarpus densiflorus</i> var. <i>echinoides</i> – <i>Rhododendron macrophyllum</i> |              | Y               |
| 87.206.04                                                       | <i>Pinus lambertiana</i> – <i>Pinus monticola</i> / <i>Quercus vacciniifolia</i> – <i>Garrya buxifolia</i>                                                             |              | Y               |
| <b><i>Pinus longaeva</i></b>                                    |                                                                                                                                                                        |              | <b>Alliance</b> |
| <b>87.140.00</b>                                                | <b>Bristlecone pine woodland</b>                                                                                                                                       | <b>G4 S2</b> |                 |
| 87.140.01                                                       | <i>Pinus longaeva</i>                                                                                                                                                  | GNR          | Y               |
| 87.140.02                                                       | <i>Pinus longaeva</i> / <i>Cercocarpus intricatus</i>                                                                                                                  |              | Y               |
| 87.140.03                                                       | <i>Pinus longaeva</i> / ( <i>Ericameria discoidea</i> , <i>Ribes</i> spp.)                                                                                             |              | Y               |
| <b><i>Pinus monophylla</i> – (<i>Juniperus osteosperma</i>)</b> |                                                                                                                                                                        |              | <b>Alliance</b> |
| <b>87.040.00</b>                                                | <b>Singleleaf pinyon – Utah juniper woodlands</b>                                                                                                                      | <b>G5 S4</b> |                 |
| 87.040.04                                                       | <i>Pinus monophylla</i> / <i>Symphoricarpos rotundifolius</i> – <i>Ribes velutinum</i>                                                                                 |              | N               |
| 87.040.05                                                       | <i>Pinus monophylla</i> / <i>Garrya flavescens</i>                                                                                                                     |              | N               |
| 87.040.07                                                       | <i>Pinus monophylla</i> – <i>Juniperus osteosperma</i> / <i>Artemisia nova</i>                                                                                         |              | N               |
| 87.040.10                                                       | <i>Pinus monophylla</i> / <i>Prunus fasciculata</i> – <i>Rhus trilobata</i>                                                                                            |              | N               |
| 87.040.11                                                       | <i>Pinus monophylla</i> / <i>Ribes velutinum</i>                                                                                                                       | GNR          | N               |
| 87.040.12                                                       | <i>Pinus monophylla</i> – ( <i>Juniperus osteosperma</i> ) / <i>Cercocarpus ledifolius</i>                                                                             | GNR          | N               |
| 87.040.13                                                       | <i>Pinus monophylla</i> – <i>Juniperus osteosperma</i> / <i>Purshia stansburiana</i>                                                                                   |              | N               |
| 87.040.15                                                       | <i>Pinus monophylla</i> / <i>Artemisia tridentata</i> / <i>Elymus elymoides</i>                                                                                        | Provisional  | N               |
| 87.040.16                                                       | <i>Pinus monophylla</i> – ( <i>Juniperus osteosperma</i> ) / <i>Artemisia tridentata</i>                                                                               |              | N               |
| 87.040.17                                                       | <i>Pinus monophylla</i> – ( <i>Juniperus osteosperma</i> ) / <i>Cercocarpus intricatus</i>                                                                             |              | N               |
| 87.040.18                                                       | <i>Pinus monophylla</i> / <i>Quercus cornelius-mulleri</i>                                                                                                             |              | N               |
| 87.040.19                                                       | <i>Pinus monophylla</i> – ( <i>Juniperus osteosperma</i> ) / <i>Quercus turbinella</i>                                                                                 |              | Y               |
| 87.040.20                                                       | <i>Pinus monophylla</i> – <i>Juniperus osteosperma</i> / <i>Coleogyne ramosissima</i>                                                                                  |              | Y               |
| 87.040.21                                                       | <i>Pinus monophylla</i> – ( <i>Juniperus osteosperma</i> ) / <i>Sparse Understory</i>                                                                                  |              | N               |
| 87.040.22                                                       | <i>Pinus monophylla</i> / <i>Eriogonum fasciculatum</i>                                                                                                                |              | Y               |
| 87.040.23                                                       | <i>Pinus monophylla</i> / <i>Quercus john-tuckeri</i>                                                                                                                  |              | Y               |
| <b><i>Pinus monticola</i></b>                                   |                                                                                                                                                                        |              | <b>Alliance</b> |
| <b>87.170.00</b>                                                | <b>Western white pine forest and woodland</b>                                                                                                                          | <b>G5 S4</b> |                 |
| 87.170.01                                                       | <i>Pinus monticola</i> – <i>Pinus contorta</i> ssp. <i>murrayana</i> / <i>Notholithocarpus densiflorus</i> var. <i>echinoides</i>                                      |              | Y               |
| 87.170.02                                                       | <i>Pinus monticola</i> / <i>Arctostaphylos nevadensis</i>                                                                                                              |              | Y               |
| 87.170.03                                                       | <i>Pinus monticola</i> / <i>Xerophyllum tenax</i>                                                                                                                      |              | Y               |
| 87.170.06                                                       | <i>Pinus monticola</i> / <i>Achnatherum occidentale</i>                                                                                                                |              | N               |
| 87.170.07                                                       | <i>Pinus monticola</i> – <i>Pinus contorta</i> ssp. <i>murrayana</i>                                                                                                   |              | N               |

**Primary Life for Tree**

| CaCode                                              | Name                                                                                                                                             |             | Rarity       | Sensitive       |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------|-----------------|
| 87.170.08                                           | <i>Pinus monticola</i> – <i>Pseudotsuga menziesii</i> / <i>Quercus vaccinifolia</i> – <i>Notholithocarpus densiflorus</i> var. <i>echinoides</i> |             |              | N               |
| <b><i>Pinus muricata</i> – <i>Pinus radiata</i></b> |                                                                                                                                                  |             |              | <b>Alliance</b> |
| <b>87.240.00</b>                                    | <b>Bishop pine – Monterey pine forest and woodland</b>                                                                                           |             | <b>G3 S3</b> |                 |
| 87.070.01                                           | <i>Pinus muricata</i> – ( <i>Arbutus menziesii</i> – <i>Notholithocarpus densiflorus</i> ) / <i>Vaccinium ovatum</i>                             |             | G2 S2        | Y               |
| 87.070.04                                           | <i>Pinus muricata</i> – <i>Pseudotsuga menziesii</i>                                                                                             |             |              | Y               |
| 87.070.07                                           | <i>Pinus muricata</i> / <i>Arctostaphylos glandulosa</i>                                                                                         | Provisional | G2 S2        | Y               |
| 87.070.09                                           | <i>Pinus muricata</i> / <i>Xerophyllum tenax</i>                                                                                                 |             |              | Y               |
| 87.070.11                                           | <i>Pinus muricata</i> – <i>Chrysolepis chrysophylla</i> / <i>Arctostaphylos nummularia</i>                                                       |             | G2 S2        | Y               |
| 87.110.01                                           | <i>Pinus radiata</i> / <i>Arctostaphylos tomentosa</i> – <i>Vaccinium ovatum</i>                                                                 |             |              | Y               |
| 87.110.02                                           | <i>Pinus radiata</i> / <i>Toxicodendron diversilobum</i>                                                                                         |             | G1 S1        | Y               |
| 87.110.03                                           | <i>Pinus radiata</i> – <i>Pinus muricata</i> / <i>Arctostaphylos tomentosa</i> – <i>Arctostaphylos hookeri</i>                                   |             |              | Y               |
| 87.110.04                                           | <i>Pinus radiata</i> – <i>Quercus agrifolia</i> / <i>Toxicodendron diversilobum</i>                                                              |             |              | Y               |
| 87.240.01                                           | <i>Pinus muricata</i> / <i>Comarostaphylis diversifolia</i> ssp. <i>planifolia</i>                                                               | Provisional |              | Y               |
| 87.240.02                                           | <i>Pinus muricata</i> / <i>Arctostaphylos</i> spp.                                                                                               | Provisional |              | Y               |
| 87.240.03                                           | <i>Pinus muricata</i>                                                                                                                            | Provisional | G3? S3?      | Y               |
| 87.240.05                                           | <i>Pinus muricata</i> / <i>Ceanothus thyrsiflorus</i> – <i>Baccharis pilularis</i>                                                               |             |              | Y               |
| <b><i>Pinus ponderosa</i></b>                       |                                                                                                                                                  |             |              | <b>Alliance</b> |
| <b>87.010.00</b>                                    | <b>Ponderosa pine forest and woodland</b>                                                                                                        |             | <b>G5 S4</b> |                 |
| 87.010.02                                           | <i>Pinus ponderosa</i> / <i>Chamaebatia foliolosa</i>                                                                                            |             |              | Y               |
| 87.010.03                                           | <i>Pinus ponderosa</i> / <i>Arctostaphylos patula</i> – <i>Chamaebatia foliolosa</i>                                                             |             |              | Y               |
| 87.010.04                                           | <i>Pinus ponderosa</i> / <i>Artemisia tridentata</i>                                                                                             |             | GNR          | Y               |
| 87.010.05                                           | <i>Pinus ponderosa</i> / <i>Purshia tridentata</i> var. <i>tridentata</i>                                                                        |             |              | Y               |
| 87.010.06                                           | <i>Pinus ponderosa</i> / <i>Bromus carinatus</i>                                                                                                 |             |              | Y               |
| 87.010.07                                           | <i>Pinus ponderosa</i> / <i>Galium angustifolium</i>                                                                                             |             |              | Y               |
| 87.010.08                                           | <i>Pinus ponderosa</i> / <i>Ceanothus prostratus</i>                                                                                             |             |              | Y               |
| 87.010.09                                           | <i>Pinus ponderosa</i> / <i>Ceanothus cuneatus</i>                                                                                               |             |              | Y               |
| 87.010.10                                           | <i>Pinus ponderosa</i> / <i>Purshia tridentata</i> var. <i>tridentata</i> / <i>Balsamorhiza sagittata</i>                                        |             |              | Y               |
| 87.010.12                                           | <i>Pinus ponderosa</i> / <i>Purshia tridentata</i> var. <i>tridentata</i> / <i>Achnatherum nelsonii</i> / <i>pumice</i>                          |             |              | Y               |
| 87.010.13                                           | <i>Pinus ponderosa</i> / <i>Purshia tridentata</i> var. <i>tridentata</i> – <i>Arctostaphylos patula</i> / <i>Achnatherum nelsonii</i>           |             |              | Y               |
| 87.010.14                                           | <i>Pinus ponderosa</i> / <i>Purshia tridentata</i> var. <i>tridentata</i> – <i>Ceanothus velutinus</i>                                           |             |              | Y               |
| 87.010.15                                           | <i>Pinus ponderosa</i> / <i>Purshia tridentata</i> var. <i>tridentata</i> / <i>Senecio integerrimus</i> / <i>granite</i>                         |             |              | Y               |
| 87.010.16                                           | <i>Pinus ponderosa</i> / <i>Purshia tridentata</i> var. <i>tridentata</i> – <i>Ribes cereum</i> / <i>Bromus orcuttianus</i>                      |             |              | Y               |
| 87.010.18                                           | <i>Pinus ponderosa</i> / <i>Achnatherum nelsonii</i>                                                                                             |             |              | Y               |
| 87.010.19                                           | <i>Pinus ponderosa</i> / <i>Cercocarpus ledifolius</i> – <i>Purshia tridentata</i> var. <i>tridentata</i> / <i>Festuca idahoensis</i>            |             |              | Y               |
| 87.010.20                                           | <i>Pinus ponderosa</i> / <i>Cercocarpus ledifolius</i> / <i>Pseudoroegneria spicata</i>                                                          |             |              | Y               |

**Primary Life for Tree**

| CaCode                                                                                     | Name                                                                                                                                                 | Rarity        | Sensitive       |
|--------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------------|
| 87.010.23                                                                                  | <i>Pinus ponderosa</i> – <i>Pinus contorta</i> ssp. <i>murrayana</i> / <i>Amelanchier alnifolia</i>                                                  |               | Y               |
| 87.010.24                                                                                  | <i>Pinus ponderosa</i> / <i>Artemisia tridentata</i> ssp. <i>vaseyana</i> / <i>Festuca idahoensis</i>                                                |               | Y               |
| 87.010.25                                                                                  | <i>Pinus ponderosa</i> – <i>Pinus jeffreyi</i> / <i>Artemisia tridentata</i> ssp. <i>vaseyana</i> – <i>Purshia tridentata</i> var. <i>tridentata</i> |               | Y               |
| 87.010.26                                                                                  | <i>Pinus ponderosa</i> / <i>Amelanchier alnifolia</i> – <i>Prunus virginiana</i>                                                                     |               | Y               |
| 87.010.27                                                                                  | <i>Pinus ponderosa</i> / <i>Amelanchier alnifolia</i> – <i>Mahonia repens</i> / <i>Arnica cordifolia</i>                                             |               | Y               |
| 87.010.28                                                                                  | <i>Pinus ponderosa</i> / <i>Ceanothus velutinus</i> / <i>Achnatherum nelsonii</i>                                                                    |               | Y               |
| 87.010.29                                                                                  | <i>Pinus ponderosa</i> / <i>Symphoricarpos longiflorus</i>                                                                                           |               | Y               |
| 87.010.39                                                                                  | <i>Pinus ponderosa</i> / <i>Arctostaphylos viscida</i>                                                                                               |               | N               |
| 87.010.40                                                                                  | <i>Pinus ponderosa</i> / <i>Purshia tridentata</i> var. <i>tridentata</i> / <i>Galium bolanderi</i>                                                  |               | N               |
| 87.010.41                                                                                  | <i>Pinus ponderosa</i> / <i>Purshia tridentata</i> var. <i>tridentata</i> – <i>Prunus virginiana</i> / <i>Bromus orcuttianus</i>                     |               | N               |
| 87.010.43                                                                                  | <i>Pinus ponderosa</i> / <i>Notholithocarpus densiflorus</i> var. <i>echinoides</i>                                                                  |               | N               |
| 87.010.45                                                                                  | <i>Pinus ponderosa</i> – <i>Abies concolor</i> / <i>Notholithocarpus densiflorus</i> var. <i>echinoides</i>                                          |               | N               |
| 87.010.46                                                                                  | <i>Pinus ponderosa</i> – <i>Notholithocarpus densiflorus</i>                                                                                         |               | N               |
| 87.010.47                                                                                  | <i>Pinus ponderosa</i> – <i>Pinus lambertiana</i> / <i>Arctostaphylos patula</i> – <i>Notholithocarpus densiflorus</i> var. <i>echinoides</i>        |               | N               |
| 87.010.48                                                                                  | <i>Pinus ponderosa</i> – <i>Pinus lambertiana</i> – <i>Quercus chrysolepis</i> / <i>Notholithocarpus densiflorus</i> var. <i>echinoides</i>          |               | N               |
| 87.010.49                                                                                  | <i>Pinus ponderosa</i> – <i>Pinus jeffreyi</i> / <i>Cercocarpus ledifolius</i> / <i>Pseudoroegneria spicata</i>                                      |               | N               |
| 87.010.50                                                                                  | <i>Pinus ponderosa</i> – <i>Pinus jeffreyi</i> / <i>Purshia tridentata</i> var. <i>tridentata</i> / <i>Senecio integerrimus</i> / <i>granite</i>     |               | N               |
| 87.010.51                                                                                  | <i>Pinus ponderosa</i> – <i>Pinus jeffreyi</i> / <i>Frangula rubra</i> / <i>Poa secunda</i>                                                          |               | N               |
| 87.010.52                                                                                  | <i>Pinus ponderosa</i> – <i>Pinus jeffreyi</i> / <i>Quercus vaccinifolia</i> / <i>Wyethia mollis</i>                                                 |               | N               |
| 87.010.53                                                                                  | <i>Pinus ponderosa</i> – <i>Pinus jeffreyi</i> / <i>Quercus vaccinifolia</i>                                                                         |               | N               |
| 87.010.54                                                                                  | <i>Pinus ponderosa</i> – <i>Pinus jeffreyi</i> / <i>Achnatherum occidentale</i>                                                                      |               | N               |
| 87.010.55                                                                                  | <i>Pinus ponderosa</i> – <i>Pinus jeffreyi</i> / <i>Balsamorhiza sagittata</i>                                                                       |               | N               |
| 87.010.56                                                                                  | <i>Pinus ponderosa</i> / <i>Artemisia tridentata</i> ssp. <i>vaseyana</i> – <i>Purshia tridentata</i> var. <i>tridentata</i>                         |               | Y               |
| 87.010.57                                                                                  | <i>Pinus ponderosa</i> – <i>Pinus jeffreyi</i> / <i>Purshia tridentata</i> var. <i>tridentata</i> / <i>Festuca idahoensis</i>                        |               | Y               |
| 87.010.58                                                                                  | <i>Pinus ponderosa</i> – ( <i>Quercus agrifolia</i> – <i>Arbutus menziesii</i> )                                                                     | Provisional   | Y               |
| 87.010.59                                                                                  | <i>Pinus ponderosa</i> / <i>Chorizanthe pungens</i>                                                                                                  |               | Y               |
| <b><i>Pinus ponderosa</i> – <i>Calocedrus decurrens</i> – <i>Pseudotsuga menziesii</i></b> |                                                                                                                                                      |               | <b>Alliance</b> |
| <b>87.005.00</b>                                                                           | <b>Ponderosa pine – Incense Cedar – Douglas fir forest and woodland</b>                                                                              | <b>GNR S4</b> |                 |
| 82.200.64                                                                                  | <i>Pseudotsuga menziesii</i> / <i>Mahonia nervosa</i>                                                                                                |               | Y               |
| 82.400.02                                                                                  | <i>Pinus ponderosa</i> – <i>Pseudotsuga menziesii</i> – <i>Calocedrus decurrens</i>                                                                  | G3?           | Y               |
| 82.400.04                                                                                  | <i>Pinus ponderosa</i> – <i>Pseudotsuga menziesii</i>                                                                                                |               | Y               |
| 82.400.06                                                                                  | <i>Pinus ponderosa</i> – <i>Pseudotsuga menziesii</i> / <i>Purshia tridentata</i> var. <i>tridentata</i> / <i>Wyethia mollis</i>                     |               | N               |

**Primary Life for Tree**

| CaCode    | Name                                                                                                                              | Rarity      | Sensitive |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------|-------------|-----------|
| 82.400.07 | <i>Pinus ponderosa</i> – <i>Pseudotsuga menziesii</i> / <i>Antennaria rosea</i> – <i>Eriogonum nudum</i>                          |             | N         |
| 82.400.08 | <i>Pinus ponderosa</i> – <i>Pseudotsuga menziesii</i> – <i>Notholithocarpus densiflorus</i> / <i>Chamaebatia foliolosa</i>        |             | N         |
| 82.400.09 | <i>Pinus ponderosa</i> – <i>Pseudotsuga menziesii</i> – <i>Quercus chrysolepis</i> / <i>Galium bolanderi</i>                      |             | N         |
| 82.500.21 | <i>Pseudotsuga menziesii</i> – <i>Notholithocarpus densiflorus</i> / <i>Corylus cornuta</i>                                       |             | Y         |
| 82.500.43 | <i>Pseudotsuga menziesii</i> – <i>Notholithocarpus densiflorus</i> / <i>Cornus nuttallii</i>                                      |             | Y         |
| 87.005.01 | <i>Pseudotsuga menziesii</i> (Sierran Montane)                                                                                    | Provisional | N         |
| 87.010.38 | <i>Pinus ponderosa</i> – ( <i>Calocedrus decurrens</i> ) stream terrace                                                           |             | N         |
| 87.015.01 | <i>Pinus ponderosa</i> – <i>Calocedrus decurrens</i> (mixed conifer) / <i>Galium bolanderi</i> – <i>Polygala cornuta</i>          |             | N         |
| 87.015.02 | <i>Pinus ponderosa</i> – <i>Calocedrus decurrens</i> – <i>Quercus kelloggii</i>                                                   | G4?         | N         |
| 87.015.03 | <i>Pinus ponderosa</i> – <i>Calocedrus decurrens</i> / <i>Chamaebatia foliolosa</i>                                               | G4?         | N         |
| 87.015.04 | <i>Pinus ponderosa</i> – <i>Calocedrus decurrens</i> (mixed conifer) – <i>Quercus chrysolepis</i> / <i>Chamaebatia foliolosa</i>  | G4?         | N         |
| 87.015.05 | <i>Pinus ponderosa</i> – <i>Calocedrus decurrens</i> / <i>Quercus vacciniifolia</i> (serpentine)                                  |             | N         |
| 87.015.08 | <i>Pinus ponderosa</i> – <i>Calocedrus decurrens</i> (mixed conifer) / <i>Arctostaphylos</i> sp. – <i>Chamaebatia foliolosa</i>   |             | N         |
| 87.015.09 | <i>Pinus ponderosa</i> – <i>Calocedrus decurrens</i> / <i>Mahonia nervosa</i>                                                     |             | N         |
| 87.015.10 | <i>Pinus ponderosa</i> – <i>Calocedrus decurrens</i> / <i>Ceanothus prostratus</i>                                                |             | N         |
| 87.015.12 | <i>Pinus ponderosa</i> – <i>Calocedrus decurrens</i> / <i>Quercus chrysolepis</i> var. <i>nana</i> – <i>Quercus vacciniifolia</i> | Provisional | N         |

***Pinus ponderosa* / Shrub Understory****Alliance**

| 87.125.00 | Ponderosa pine / shrub understory woodland                                                                        | GNR | S4 |   |
|-----------|-------------------------------------------------------------------------------------------------------------------|-----|----|---|
| 87.020.19 | <i>Pinus jeffreyi</i> / <i>Artemisia tridentata</i> ssp. <i>vaseyana</i> / <i>Festuca idahoensis</i>              |     | S3 | Y |
| 87.120.01 | <i>Pinus ponderosa</i> var. <i>washoensis</i> / <i>Lupinus caudatus</i>                                           |     |    | Y |
| 87.120.02 | <i>Pinus ponderosa</i> var. <i>washoensis</i> / <i>Symphoricarpos</i> spp. / <i>Pseudostellaria jamesiana</i>     |     | S1 | Y |
| 87.120.03 | <i>Pinus ponderosa</i> var. <i>washoensis</i> / <i>Arctostaphylos nevadensis</i>                                  |     | S1 | Y |
| 87.125.04 | <i>Pinus</i> ( <i>jeffreyi</i> , <i>ponderosa</i> ) / ( <i>Ceanothus prostratus</i> – <i>Purshia tridentata</i> ) |     | S3 | Y |
| 87.125.05 | <i>Pinus ponderosa</i> / <i>Arctostaphylos patula</i> – <i>Purshia tridentata</i>                                 | G3  |    | Y |
| 87.125.06 | <i>Pinus ponderosa</i> – <i>Juniperus occidentalis</i> / <i>Artemisia tridentata</i> – <i>Purshia tridentata</i>  | G4  |    | Y |

***Pinus quadrifolia*****Alliance**

| 87.030.00 | Parry pinyon woodland                                       | G3 | S2 |   |
|-----------|-------------------------------------------------------------|----|----|---|
| 87.030.01 | <i>Pinus quadrifolia</i> / <i>Quercus cornelius-mulleri</i> |    |    | Y |

***Pinus sabiniana*****Alliance**

| 87.130.00 | Foothill pine woodland                                                                                              | G4 | S4 |   |
|-----------|---------------------------------------------------------------------------------------------------------------------|----|----|---|
| 87.130.02 | <i>Pinus sabiniana</i> – <i>Juniperus californica</i> / grass                                                       | G3 | S3 | Y |
| 87.130.03 | <i>Pinus sabiniana</i> / <i>Ceanothus cuneatus</i> / <i>Plantago erecta</i>                                         |    |    | Y |
| 87.130.06 | <i>Pinus sabiniana</i> / <i>Artemisia californica</i> – <i>Ceanothus ferrisiae</i> – <i>Heteromeles arbutifolia</i> |    |    | Y |

**Primary Life for Tree**

| CaCode                                                                               | Name                                                                                                                   | Rarity       | Sensitive       |
|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|--------------|-----------------|
| 87.130.07                                                                            | <i>Pinus sabiniana</i> / <i>Adenostoma fasciculatum</i>                                                                |              | N               |
| 87.130.08                                                                            | <i>Pinus sabiniana</i> / <i>Arctostaphylos viscida</i>                                                                 |              | N               |
| 87.130.10                                                                            | <i>Pinus sabiniana</i> / <i>Ceanothus cuneatus</i> – ( <i>Rhamnus ilicifolia</i> )                                     |              | N               |
| 87.130.13                                                                            | <i>Pinus sabiniana</i> / <i>Frangula californica</i> ssp. <i>tomentella</i>                                            |              | N               |
| 87.130.14                                                                            | <i>Pinus sabiniana</i> / <i>Eriogonum fasciculatum</i>                                                                 |              | Y               |
| 87.130.15                                                                            | <i>Pinus sabiniana</i> / <i>Cercis occidentalis</i>                                                                    |              | Y               |
| 87.130.16                                                                            | <i>Pinus sabiniana</i> / <i>herbaceous</i>                                                                             |              | Y               |
| 87.130.17                                                                            | <i>Pinus sabiniana</i> / <i>Quercus durata</i>                                                                         |              | Y               |
| <b><i>Pinus torreyana</i></b>                                                        |                                                                                                                        |              | <b>Alliance</b> |
| <b>87.190.00</b>                                                                     | <b>Torrey pine woodland</b>                                                                                            | <b>G1 S1</b> |                 |
| 87.190.01                                                                            | <i>Pinus torreyana</i> / <i>Artemisia californica</i> – <i>Rhus integrifolia</i>                                       | G1 S1        | Y               |
| 87.190.02                                                                            | <i>Pinus torreyana</i> ssp. <i>insularis</i>                                                                           | G1 S1        | Y               |
| <b><i>Platanus racemosa</i> – <i>Quercus agrifolia</i></b>                           |                                                                                                                        |              | <b>Alliance</b> |
| <b>61.310.00</b>                                                                     | <b>California sycamore – coast live oak riparian woodlands</b>                                                         | <b>G3 S3</b> |                 |
| 61.310.02                                                                            | <i>Platanus racemosa</i> – <i>Aesculus californica</i>                                                                 |              | Y               |
| 61.311.02                                                                            | <i>Platanus racemosa</i> / <i>Bromus hordeaceus</i>                                                                    |              | Y               |
| 61.311.03                                                                            | <i>Platanus racemosa</i> / <i>annual grass</i>                                                                         | G3 S3        | Y               |
| 61.312.01                                                                            | <i>Platanus racemosa</i> – <i>Quercus agrifolia</i>                                                                    | G3 S3        | Y               |
| 61.312.05                                                                            | <i>Platanus racemosa</i> – <i>Salix laevigata</i> / <i>Salix lasiolepis</i> – <i>Baccharis salicifolia</i>             |              | Y               |
| 61.312.08                                                                            | <i>Platanus racemosa</i> – <i>Quercus lobata</i>                                                                       |              | Y               |
| 61.313.01                                                                            | <i>Platanus racemosa</i> / <i>Baccharis salicifolia</i>                                                                |              | Y               |
| 61.313.02                                                                            | <i>Platanus racemosa</i> / <i>Toxicodendron diversilobum</i>                                                           |              | Y               |
| 61.313.03                                                                            | <i>Platanus racemosa</i> / <i>Adenostoma fasciculatum</i>                                                              |              | Y               |
| 61.314.03                                                                            | <i>Platanus racemosa</i> – <i>Populus fremontii</i> / <i>Salix lasiolepis</i>                                          |              | Y               |
| 71.060.47                                                                            | <i>Quercus agrifolia</i> / <i>Salix lasiolepis</i>                                                                     | G3 S3        | Y               |
| 74.100.13                                                                            | <i>Umbellularia californica</i> – <i>Platanus racemosa</i>                                                             | G3 S3        | Y               |
| <b><i>Populus fremontii</i> – <i>Fraxinus velutina</i> – <i>Salix gooddingii</i></b> |                                                                                                                        |              | <b>Alliance</b> |
| <b>61.130.00</b>                                                                     | <b>Fremont cottonwood forest and woodland</b>                                                                          | <b>G4 S3</b> |                 |
| 61.130.06                                                                            | <i>Populus fremontii</i>                                                                                               | G2Q          | Y               |
| 61.130.07                                                                            | <i>Populus fremontii</i> / <i>Acer negundo</i>                                                                         | G2Q          | Y               |
| 61.130.08                                                                            | <i>Populus fremontii</i> / <i>Acer negundo</i> / <i>Rubus armeniacus</i>                                               |              | Y               |
| 61.130.11                                                                            | <i>Populus fremontii</i> / <i>Rubus ursinus</i>                                                                        |              | Y               |
| 61.130.13                                                                            | <i>Populus fremontii</i> / <i>Vitis californica</i>                                                                    |              | Y               |
| 61.130.14                                                                            | <i>Populus fremontii</i> – <i>Salix gooddingii</i> / <i>Baccharis salicifolia</i>                                      | G2           | Y               |
| 61.130.15                                                                            | <i>Populus fremontii</i> – <i>Salix laevigata</i>                                                                      |              | Y               |
| 61.130.16                                                                            | <i>Populus fremontii</i> / <i>Baccharis salicifolia</i>                                                                | G2           | Y               |
| 61.130.17                                                                            | <i>Populus fremontii</i> / <i>Salix exigua</i>                                                                         |              | Y               |
| 61.130.18                                                                            | <i>Populus fremontii</i> – <i>Juglans californica</i>                                                                  |              | Y               |
| 61.130.19                                                                            | <i>Populus fremontii</i> – <i>Prosopis</i> spp.                                                                        | Provisional  | Y               |
| 61.130.20                                                                            | <i>Populus fremontii</i> – <i>Quercus agrifolia</i>                                                                    |              | Y               |
| 61.130.21                                                                            | <i>Populus fremontii</i> – <i>Salix laevigata</i> / <i>Salix lasiolepis</i> / <i>Vitis girdiana</i>                    |              | Y               |
| 61.130.22                                                                            | <i>Populus fremontii</i> – <i>Salix laevigata</i> / <i>Salix lasiolepis</i> – <i>Baccharis salicifolia</i>             |              | Y               |
| 61.130.23                                                                            | <i>Populus fremontii</i> – <i>Salix lasiolepis</i>                                                                     |              | Y               |
| 61.130.24                                                                            | <i>Populus fremontii</i> – <i>Salix</i> ( <i>laevigata</i> , <i>lasiolepis</i> , <i>lucida</i> ssp. <i>lasiandra</i> ) |              | Y               |

**Primary Life for Tree**

| CaCode    | Name                                                                 | Rarity | Sensitive |
|-----------|----------------------------------------------------------------------|--------|-----------|
| 61.130.25 | <i>Populus fremontii</i> – <i>Salix lucida</i> ssp. <i>lasiandra</i> |        | Y         |
| 61.130.26 | <i>Populus fremontii</i> – <i>Sambucus nigra</i>                     |        | Y         |
| 61.130.28 | <i>Populus fremontii</i> Great Valley                                |        | Y         |
| 61.130.29 | <i>Populus fremontii</i> / <i>Baccharis (emoryi, salicina)</i>       |        | Y         |
| 61.130.30 | <i>Populus fremontii</i> / <i>Baccharis sergiloides</i>              |        | Y         |
| 61.130.31 | <i>Populus fremontii</i> – <i>Fraxinus velutina</i>                  |        | Y         |
| 61.211.04 | <i>Populus fremontii</i> – <i>Salix gooddingii</i>                   |        | Y         |

**Populus tremuloides****Alliance****61.111.00 Aspen groves****G5 S3**

|           |                                                                                                                           |          |   |
|-----------|---------------------------------------------------------------------------------------------------------------------------|----------|---|
| 61.111.02 | <i>Populus tremuloides</i>                                                                                                |          | Y |
| 61.111.03 | <i>Populus tremuloides</i> / <i>Veratrum californicum</i>                                                                 | G3?      | Y |
| 61.111.05 | <i>Populus tremuloides</i> / <i>Symphyotrichum foliaceum</i>                                                              |          | Y |
| 61.111.06 | <i>Populus tremuloides</i> / <i>Artemisia tridentata</i>                                                                  | G3G<br>4 | Y |
| 61.111.07 | <i>Populus tremuloides</i> / <i>Artemisia tridentata</i> / <i>Monardella odoratissima</i> –<br><i>Kelloggia galioides</i> | GNR      | Y |
| 61.111.08 | <i>Populus tremuloides</i> / <i>Monardella odoratissima</i>                                                               | G3       | Y |
| 61.111.09 | <i>Populus tremuloides</i> / <i>Pinus jeffreyi</i>                                                                        |          | Y |
| 61.111.10 | <i>Populus tremuloides</i> / <i>Rosa woodsii</i>                                                                          | GNR      | Y |
| 61.111.11 | <i>Populus tremuloides</i> – <i>Pinus contorta</i> / <i>Artemisia tridentata</i> / <i>Poa<br/>pratensis</i>               |          | Y |
| 61.111.14 | <i>Populus tremuloides</i> / <i>Prunus</i>                                                                                |          | Y |
| 61.111.15 | <i>Populus tremuloides</i> / <i>Symphoricarpos albus</i>                                                                  | G3?      | Y |
| 61.111.16 | <i>Populus tremuloides</i> / <i>Symphoricarpos rotundifolius</i>                                                          |          | Y |
| 61.111.17 | <i>Populus tremuloides</i> / mesic forb                                                                                   |          | Y |
| 61.111.18 | <i>Populus tremuloides</i> / dry graminoid                                                                                |          | Y |
| 61.111.19 | <i>Populus tremuloides</i> / <i>Bromus carinatus</i>                                                                      |          | Y |
| 61.111.20 | <i>Populus tremuloides</i> / <i>Poa pratensis</i>                                                                         | G1?      | Y |

**Populus trichocarpa****Alliance****61.120.00 Black cottonwood forest and woodland****G5 S3**

|           |                                                                               |             |   |
|-----------|-------------------------------------------------------------------------------|-------------|---|
| 61.120.01 | <i>Populus trichocarpa</i>                                                    |             | Y |
| 61.120.03 | <i>Populus trichocarpa</i> – <i>Pinus jeffreyi</i>                            | G3?         | Y |
| 61.120.04 | <i>Populus trichocarpa</i> / <i>Artemisia tridentata</i> ssp. <i>vaseyana</i> |             | Y |
| 61.120.05 | <i>Populus trichocarpa</i> / <i>Symphoricarpos rotundifolius</i>              |             | Y |
| 61.120.06 | <i>Populus</i> spp. / <i>Salix</i> spp.                                       |             | Y |
| 61.120.07 | <i>Populus trichocarpa</i> / <i>Rhododendron occidentale</i>                  | Provisional | Y |
| 61.120.08 | <i>Populus trichocarpa</i> – <i>Quercus agrifolia</i>                         |             | Y |
| 61.120.09 | <i>Populus trichocarpa</i> – <i>Salix laevigata</i>                           |             | Y |
| 61.120.10 | <i>Populus trichocarpa</i> / <i>Salix lasiolepis</i>                          |             | Y |
| 61.120.11 | <i>Populus trichocarpa</i> – <i>Salix lucida</i>                              |             | Y |
| 61.120.13 | <i>Populus trichocarpa</i> / <i>Cornus sericea</i> / <i>Carex obnupta</i>     | Provisional | Y |
| 61.120.14 | <i>Populus trichocarpa</i> – <i>Alnus rubra</i>                               | Provisional | N |

**Prosopis glandulosa – Prosopis velutina – Prosopis pubescens****Alliance****61.514.00 Mesquite thickets****G5 S3**

|           |                                                  |     |   |
|-----------|--------------------------------------------------|-----|---|
| 61.512.01 | <i>Prosopis glandulosa</i> var. <i>torreyana</i> | GNR | Y |
|-----------|--------------------------------------------------|-----|---|

**Primary Life for Tree**

| CaCode                                                                                                 | Name                                                                                                                                                     | Rarity          | Sensitive |
|--------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------|
| 61.512.02                                                                                              | <i>Prosopis glandulosa</i> – <i>Sambucus nigra</i>                                                                                                       |                 | Y         |
| 61.512.06                                                                                              | <i>Prosopis glandulosa</i> / <i>Pluchea sericea</i>                                                                                                      |                 | Y         |
| 61.512.07                                                                                              | <i>Prosopis glandulosa</i> / <i>Rhus ovata</i> (upper desert spring)                                                                                     |                 | Y         |
| 61.512.09                                                                                              | <i>Prosopis glandulosa</i> – ( <i>Salix exigua</i> – <i>Salix lasiolepis</i> )                                                                           |                 | Y         |
| 61.513.02                                                                                              | <i>Prosopis pubescens</i> / <i>Pluchea sericea</i> Alkaline Spring                                                                                       |                 | Y         |
| 61.513.03                                                                                              | <i>Prosopis</i> / <i>Bebbia juncea</i> – <i>Petalonyx thurberi</i> (wash)                                                                                |                 | Y         |
| 61.514.01                                                                                              | <i>Prosopis pubescens</i> / <i>Baccharis sergiloides</i>                                                                                                 |                 | Y         |
| 61.514.02                                                                                              | <i>Prosopis glandulosa</i> / ( <i>Atriplex</i> spp. – <i>Suaeda moquinii</i> )                                                                           |                 | Y         |
| <b><i>Pseudotsuga macrocarpa</i></b>                                                                   |                                                                                                                                                          | <b>Alliance</b> |           |
| <b>82.100.00</b>                                                                                       | <b>Bigcone Douglas fir forest</b>                                                                                                                        | <b>G3 S3</b>    |           |
| 82.100.01                                                                                              | <i>Pseudotsuga macrocarpa</i> – <i>Quercus agrifolia</i>                                                                                                 |                 | Y         |
| 82.100.02                                                                                              | <i>Pseudotsuga macrocarpa</i> – <i>Quercus chrysolepis</i>                                                                                               |                 | Y         |
| 82.100.03                                                                                              | <i>Pseudotsuga macrocarpa</i> – <i>Quercus chrysolepis</i> – <i>Acer macrophyllum</i>                                                                    |                 | Y         |
| 82.100.04                                                                                              | <i>Pseudotsuga macrocarpa</i> – <i>Quercus chrysolepis</i> – <i>Abies concolor</i> – <i>Pinus</i> spp.                                                   |                 | Y         |
| <b><i>Pseudotsuga menziesii</i> – (<i>Notholithocarpus densiflorus</i> – <i>Arbutus menziesii</i>)</b> |                                                                                                                                                          | <b>Alliance</b> |           |
| <b>82.250.00</b>                                                                                       | <b>Douglas fir – tanoak forest – madrone forest and woodland</b>                                                                                         | <b>G4 S4</b>    |           |
| 82.200.05                                                                                              | <i>Pseudotsuga menziesii</i> – <i>Umbellularia californica</i> / ( <i>Toxicodendron diversilobum</i> )                                                   | G4 S4?          | N         |
| 82.200.09                                                                                              | <i>Pseudotsuga menziesii</i> – <i>Chrysolepis chrysophylla</i> / <i>Xerophyllum tenax</i>                                                                |                 | Y         |
| 82.200.10                                                                                              | <i>Pseudotsuga menziesii</i> – <i>Chrysolepis chrysophylla</i> / <i>Rhododendron macrophyllum</i> – <i>Mahonia nervosa</i>                               |                 | Y         |
| 82.200.11                                                                                              | <i>Pseudotsuga menziesii</i> – <i>Chrysolepis chrysophylla</i> / <i>Rhododendron macrophyllum</i> – <i>Quercus sadleriana</i> – <i>Xerophyllum tenax</i> |                 | Y         |
| 82.200.12                                                                                              | <i>Pseudotsuga menziesii</i> – <i>Chrysolepis chrysophylla</i> – <i>Notholithocarpus densiflorus</i>                                                     | G3 S3           | Y         |
| 82.200.19                                                                                              | <i>Pseudotsuga menziesii</i> – <i>Quercus garryana</i> var. <i>garryana</i> / grass                                                                      |                 | Y         |
| 82.200.20                                                                                              | <i>Pseudotsuga menziesii</i> / <i>Acer circinatum</i> – <i>Mahonia nervosa</i>                                                                           |                 | Y         |
| 82.200.49                                                                                              | <i>Pseudotsuga menziesii</i> / <i>Achlys triphylla</i>                                                                                                   |                 | Y         |
| 82.200.50                                                                                              | <i>Pseudotsuga menziesii</i> – <i>Arbutus menziesii</i>                                                                                                  |                 | Y         |
| 82.200.54                                                                                              | <i>Pseudotsuga menziesii</i> / <i>Adenocaulon bicolor</i>                                                                                                |                 | Y         |
| 82.200.56                                                                                              | <i>Pseudotsuga menziesii</i> / <i>Corylus cornuta</i> / <i>Polystichum munitum</i>                                                                       |                 | Y         |
| 82.200.59                                                                                              | <i>Pseudotsuga menziesii</i> / <i>Gaultheria shallon</i>                                                                                                 | G3G<br>4        | Y         |
| 82.200.60                                                                                              | <i>Pseudotsuga menziesii</i> – <i>Quercus kelloggii</i>                                                                                                  |                 | Y         |
| 82.200.61                                                                                              | <i>Pseudotsuga menziesii</i> / ( <i>Toxicodendron diversilobum</i> )                                                                                     | G4 S4           | N         |
| 82.200.69                                                                                              | <i>Pseudotsuga menziesii</i> – <i>Umbellularia californica</i> / <i>Polystichum munitum</i>                                                              | G4 S4?          | N         |
| 82.200.70                                                                                              | <i>Pseudotsuga menziesii</i> – ( <i>Umbellularia californica</i> ) / <i>Frangula californica</i>                                                         | G4 S4?          | N         |
| 82.200.71                                                                                              | <i>Pseudotsuga menziesii</i> – <i>Quercus agrifolia</i>                                                                                                  | G3 S3?          | Y         |
| 82.200.72                                                                                              | <i>Pseudotsuga menziesii</i> / <i>Baccharis pilularis</i>                                                                                                | G4 S4?          | N         |
| 82.200.79                                                                                              | <i>Pseudotsuga menziesii</i> – <i>Chrysolepis chrysophylla</i> / <i>Rhododendron macrophyllum</i> – <i>Gaultheria shallon</i>                            |                 | N         |

**Primary Life for Tree**

| CaCode    | Name                                                                                                                                                                    | Rarity  | Sensitive |
|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----------|
| 82.200.81 | <i>Pseudotsuga menziesii</i> – <i>Umbellularia californica</i> / <i>Holodiscus discolor</i>                                                                             |         | N         |
| 82.200.82 | <i>Pseudotsuga menziesii</i> – <i>Notholithocarpus densiflorus</i> / <i>Aralia californica</i>                                                                          |         | Y         |
| 82.200.83 | <i>Pseudotsuga menziesii</i> – <i>Chrysolepis chrysophylla</i> / <i>Rhododendron macrophyllum</i> – <i>Quercus sadleriana</i> – <i>Gaultheria shallon</i>               |         | Y         |
| 82.200.84 | <i>Pseudotsuga menziesii</i> – <i>Quercus garryana</i> var. <i>garryana</i> / <i>Holodiscus discolor</i>                                                                |         | Y         |
| 82.300.03 | <i>Pseudotsuga menziesii</i> – <i>Quercus chrysolepis</i>                                                                                                               | G3? S3? | Y         |
| 82.300.06 | <i>Pseudotsuga menziesii</i> – <i>Quercus chrysolepis</i> / <i>Arctostaphylos manzanita</i>                                                                             |         | N         |
| 82.300.07 | <i>Pseudotsuga menziesii</i> – <i>Quercus chrysolepis</i> – <i>Acer macrophyllum</i> / <i>Toxicodendron diversilobum</i>                                                |         | N         |
| 82.500.01 | <i>Pseudotsuga menziesii</i> – <i>Notholithocarpus densiflorus</i> / <i>Chimaphila umbellata</i>                                                                        |         | Y         |
| 82.500.03 | <i>Pseudotsuga menziesii</i> – <i>Notholithocarpus densiflorus</i> – ( <i>Quercus kelloggii</i> ) / <i>Rosa gymnocarpa</i>                                              |         | Y         |
| 82.500.04 | <i>Pseudotsuga menziesii</i> – <i>Notholithocarpus densiflorus</i> – <i>Umbellularia californica</i> / <i>Toxicodendron diversilobum</i>                                |         | Y         |
| 82.500.05 | <i>Pseudotsuga menziesii</i> – <i>Notholithocarpus densiflorus</i> – ( <i>Quercus chrysolepis</i> , <i>Quercus kelloggii</i> ) / <i>Toxicodendron diversilobum</i>      |         | Y         |
| 82.500.06 | <i>Pseudotsuga menziesii</i> – <i>Notholithocarpus densiflorus</i> – ( <i>Quercus chrysolepis</i> ) / <i>Mahonia nervosa</i> – <i>Gaultheria shallon</i>                |         | Y         |
| 82.500.07 | <i>Pseudotsuga menziesii</i> – <i>Notholithocarpus densiflorus</i> / <i>Mahonia nervosa</i>                                                                             |         | Y         |
| 82.500.08 | <i>Pseudotsuga menziesii</i> – <i>Notholithocarpus densiflorus</i> – ( <i>Quercus chrysolepis</i> ) / <i>Vaccinium ovatum</i>                                           |         | Y         |
| 82.500.10 | <i>Pseudotsuga menziesii</i> – <i>Notholithocarpus densiflorus</i> – ( <i>Quercus chrysolepis</i> ) / <i>Toxicodendron diversilobum</i>                                 |         | Y         |
| 82.500.11 | <i>Pseudotsuga menziesii</i> – <i>Notholithocarpus densiflorus</i> – ( <i>Quercus chrysolepis</i> ) / <i>rockpile</i>                                                   |         | Y         |
| 82.500.12 | <i>Pseudotsuga menziesii</i> – <i>Notholithocarpus densiflorus</i> – ( <i>Chrysolepis chrysophylla</i> ) / <i>Pteridium aquilinum</i>                                   |         | Y         |
| 82.500.13 | <i>Pseudotsuga menziesii</i> – <i>Notholithocarpus densiflorus</i> – ( <i>Quercus chrysolepis</i> ) / <i>Mahonia nervosa</i>                                            |         | Y         |
| 82.500.15 | <i>Pseudotsuga menziesii</i> – <i>Notholithocarpus densiflorus</i> – ( <i>Chrysolepis chrysophylla</i> ) / <i>Rhododendron macrophyllum</i> – <i>Gaultheria shallon</i> |         | Y         |
| 82.500.16 | <i>Pseudotsuga menziesii</i> – <i>Notholithocarpus densiflorus</i> – ( <i>Chrysolepis chrysophylla</i> ) / <i>Gaultheria shallon</i>                                    |         | Y         |
| 82.500.19 | <i>Pseudotsuga menziesii</i> – <i>Notholithocarpus densiflorus</i> / <i>Vaccinium ovatum</i>                                                                            |         | Y         |
| 82.500.22 | <i>Pseudotsuga menziesii</i> – <i>Notholithocarpus densiflorus</i> – ( <i>Calocedrus decurrens</i> ) / <i>Festuca californica</i>                                       |         | Y         |
| 82.500.23 | <i>Pseudotsuga menziesii</i> – <i>Notholithocarpus densiflorus</i> / ( <i>Toxicodendron diversilobum</i> – <i>Lonicera hispidula</i> )                                  |         | Y         |
| 82.500.24 | <i>Pseudotsuga menziesii</i> – <i>Notholithocarpus densiflorus</i> – ( <i>Chamaecyparis lawsoniana</i> – <i>Umbellularia californica</i> ) / <i>Vaccinium ovatum</i>    |         | Y         |
| 82.500.25 | <i>Pseudotsuga menziesii</i> – <i>Notholithocarpus densiflorus</i> – ( <i>Chamaecyparis lawsoniana</i> ) / <i>Mahonia nervosa</i> / <i>Linnaea borealis</i>             |         | Y         |

**Primary Life for Tree**

| CaCode                                                            | Name                                                                                                                                                                              | Rarity       | Sensitive       |
|-------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------------|
| 82.500.26                                                         | <i>Pseudotsuga menziesii</i> – <i>Notholithocarpus densiflorus</i> –<br>( <i>Chamaecyparis lawsoniana</i> ) / <i>Vaccinium ovatum</i>                                             |              | Y               |
| 82.500.27                                                         | <i>Pseudotsuga menziesii</i> – <i>Notholithocarpus densiflorus</i> –<br>( <i>Chamaecyparis lawsoniana</i> ) / <i>Vaccinium ovatum</i> – <i>Rhododendron</i><br><i>occidentale</i> |              | Y               |
| 82.500.28                                                         | <i>Pseudotsuga menziesii</i> – <i>Notholithocarpus densiflorus</i> –<br>( <i>Chamaecyparis lawsoniana</i> ) / <i>Vaccinium parvifolium</i>                                        |              | Y               |
| 82.500.29                                                         | <i>Pseudotsuga menziesii</i> – <i>Notholithocarpus densiflorus</i> –<br>( <i>Chamaecyparis lawsoniana</i> ) / <i>Gaultheria shallon</i>                                           |              | Y               |
| 82.500.30                                                         | <i>Pseudotsuga menziesii</i> – <i>Notholithocarpus densiflorus</i> –<br>( <i>Chamaecyparis lawsoniana</i> ) / <i>Acer circinatum</i>                                              |              | Y               |
| 82.500.31                                                         | <i>Pseudotsuga menziesii</i> – <i>Notholithocarpus densiflorus</i> –<br>( <i>Chamaecyparis lawsoniana</i> – <i>Alnus rubra</i> ) / riparian                                       |              | Y               |
| 82.500.35                                                         | <i>Pseudotsuga menziesii</i> – <i>Notholithocarpus densiflorus</i> / <i>Gaultheria</i><br><i>shallon</i>                                                                          |              | Y               |
| 82.500.36                                                         | <i>Pseudotsuga menziesii</i> – <i>Notholithocarpus densiflorus</i> / <i>Acer</i><br><i>circinatum</i>                                                                             |              | Y               |
| 82.500.38                                                         | <i>Pseudotsuga menziesii</i> – <i>Notholithocarpus densiflorus</i> / <i>Taxus</i><br><i>brevifolia</i>                                                                            |              | Y               |
| 82.500.39                                                         | <i>Pseudotsuga menziesii</i> – <i>Notholithocarpus densiflorus</i> – ( <i>Pinus</i><br><i>lambertiana</i> )                                                                       |              | Y               |
| 82.500.40                                                         | <i>Pseudotsuga menziesii</i> – <i>Notholithocarpus densiflorus</i> / <i>Achlys</i><br><i>triphylla</i>                                                                            |              | Y               |
| 82.500.46                                                         | <i>Pseudotsuga menziesii</i> – <i>Notholithocarpus densiflorus</i> / <i>Quercus</i><br><i>vacciniifolia</i> – <i>Holodiscus discolor</i>                                          |              | Y               |
| 82.500.47                                                         | <i>Pseudotsuga menziesii</i> – <i>Notholithocarpus densiflorus</i> / <i>Whipplea</i><br><i>modesta</i>                                                                            |              | Y               |
| 82.500.49                                                         | <i>Pseudotsuga menziesii</i> – <i>Notholithocarpus densiflorus</i> /<br><i>Rhododendron macrophyllum</i>                                                                          | G2 S2        | Y               |
| 82.500.50                                                         | <i>Pseudotsuga menziesii</i> – <i>Notholithocarpus densiflorus</i> – ( <i>Acer</i><br><i>macrophyllum</i> ) / <i>Polystichum munitum</i>                                          |              | Y               |
| 82.500.51                                                         | <i>Pseudotsuga menziesii</i> – <i>Notholithocarpus densiflorus</i> – <i>Thuja plicata</i><br>/ <i>Vaccinium ovatum</i> – <i>Gaultheria shallon</i>                                |              | Y               |
| 82.500.52                                                         | <i>Pseudotsuga menziesii</i> – <i>Notholithocarpus densiflorus</i> –<br>( <i>Chamaecyparis lawsoniana</i> – <i>Tsuga heterophylla</i> ) / <i>Vaccinium</i><br><i>ovatum</i>       |              | Y               |
| <b><i>Pseudotsuga menziesii</i> – <i>Calocedrus decurrens</i></b> |                                                                                                                                                                                   |              | <b>Alliance</b> |
| <b>82.600.00</b>                                                  | <b>Douglas fir – incense cedar forest and woodland</b>                                                                                                                            | <b>G3 S3</b> |                 |
| 82.200.15                                                         | <i>Pseudotsuga menziesii</i> / <i>Quercus vacciniifolia</i>                                                                                                                       |              | Y               |
| 82.200.16                                                         | <i>Pseudotsuga menziesii</i> / <i>Quercus vacciniifolia</i> – <i>Notholithocarpus</i><br><i>densiflorus</i> var. <i>echinoides</i>                                                |              | Y               |
| 82.200.57                                                         | <i>Pseudotsuga menziesii</i> / <i>Vancouveria planipetala</i>                                                                                                                     |              | Y               |
| 82.200.58                                                         | <i>Pseudotsuga menziesii</i> / <i>Rhododendron</i> spp.                                                                                                                           |              | Y               |
| 82.200.74                                                         | <i>Pseudotsuga menziesii</i> / <i>Quercus vacciniifolia</i> – <i>Rhododendron</i><br><i>macrophyllum</i>                                                                          |              | Y               |
| 82.600.01                                                         | <i>Pseudotsuga menziesii</i> – <i>Calocedrus decurrens</i> – <i>Umbellularia</i><br><i>californica</i> / <i>Toxicodendron diversilobum</i>                                        |              | Y               |
| 82.600.02                                                         | <i>Pseudotsuga menziesii</i> – <i>Calocedrus decurrens</i> / <i>Festuca californica</i>                                                                                           |              | Y               |
| 82.600.04                                                         | <i>Pseudotsuga menziesii</i> – <i>Calocedrus decurrens</i> / <i>Quercus vacciniifolia</i>                                                                                         |              | Y               |

**Primary Life for Tree**

| CaCode    | Name                                                                                                                | Rarity | Sensitive |
|-----------|---------------------------------------------------------------------------------------------------------------------|--------|-----------|
| 82.600.12 | <i>Pseudotsuga menziesii</i> – <i>Calocedrus decurrens</i> – <i>Pinus jeffreyi</i>                                  |        | Y         |
| 82.600.13 | <i>Pseudotsuga menziesii</i> – <i>Calocedrus decurrens</i> – <i>Pinus jeffreyi</i> / <i>Festuca californica</i>     |        | Y         |
| 82.600.14 | <i>Pseudotsuga menziesii</i> – <i>Calocedrus decurrens</i> – ( <i>Quercus kelloggii</i> ) / <i>Nassella pulchra</i> |        | Y         |
| 82.600.15 | <i>Pseudotsuga menziesii</i> – <i>Calocedrus decurrens</i> – ( <i>Pinus jeffreyi</i> ) / <i>Nassella pulchra</i>    |        | Y         |

**Quercus (agrifolia, douglasii, garryana, kelloggii, lobata, wislizeni)****Alliance****71.100.00 Mixed oak forest and woodland****G4 S4**

|           |                                                                                                                 |  |   |
|-----------|-----------------------------------------------------------------------------------------------------------------|--|---|
| 71.100.04 | Mixed oak – <i>Quercus kelloggii</i> / grass                                                                    |  | N |
| 71.100.05 | Mixed oak – <i>Aesculus californica</i> / grass                                                                 |  | N |
| 71.100.06 | Mixed oak – <i>Quercus agrifolia</i> / <i>Toxicodendron diversilobum</i>                                        |  | N |
| 71.100.07 | Mixed oak – <i>Pinus sabiniana</i> / grass                                                                      |  | N |
| 71.100.08 | Mixed oak / grass                                                                                               |  | N |
| 71.100.10 | Mixed oak / <i>Baccharis pilularis</i> – <i>Toxicodendron diversilobum</i>                                      |  | N |
| 71.100.14 | <i>Quercus douglasii</i> – <i>Quercus lobata</i> – <i>Quercus agrifolia</i> / <i>Toxicodendron diversilobum</i> |  | N |
| 71.100.15 | <i>Quercus agrifolia</i> – <i>Quercus garryana</i> – <i>Quercus kelloggii</i>                                   |  | Y |

**Quercus agrifolia****Alliance****71.060.00 Coast live oak woodland and forest****G5 S4**

|           |                                                                                                                             |             |   |
|-----------|-----------------------------------------------------------------------------------------------------------------------------|-------------|---|
| 71.060.02 | <i>Quercus agrifolia</i>                                                                                                    | G5 S5       | N |
| 71.060.03 | <i>Quercus agrifolia</i> – <i>Acer macrophyllum</i> / <i>Frangula californica</i> – <i>Holodiscus discolor</i>              |             | N |
| 71.060.04 | <i>Quercus agrifolia</i> / <i>Rubus</i> spp. / <i>Pteridium aquilinum</i>                                                   |             | N |
| 71.060.05 | <i>Quercus agrifolia</i> – <i>Umbellularia californica</i> / <i>Heteromeles arbutifolia</i> – <i>Quercus berberidifolia</i> |             | N |
| 71.060.06 | <i>Quercus agrifolia</i> / <i>Frangula californica</i> – <i>Heteromeles arbutifolia</i>                                     |             | N |
| 71.060.07 | <i>Quercus agrifolia</i> / <i>Adenostoma fasciculatum</i> – ( <i>Salvia mellifera</i> )                                     | G3 S3       | Y |
| 71.060.08 | <i>Quercus agrifolia</i> / <i>Artemisia californica</i>                                                                     | G3 S3       | Y |
| 71.060.09 | <i>Quercus agrifolia</i> / grass                                                                                            |             | N |
| 71.060.10 | <i>Quercus agrifolia</i> – <i>Arbutus menziesii</i> / <i>Corylus cornuta</i> – <i>Rubus</i> spp.                            |             | N |
| 71.060.11 | <i>Quercus agrifolia</i> / <i>Holodiscus discolor</i> – <i>Symphoricarpos albus</i>                                         |             | N |
| 71.060.13 | <i>Quercus agrifolia</i> / <i>Toxicodendron diversilobum</i>                                                                | GNR         | N |
| 71.060.14 | <i>Quercus agrifolia</i> / <i>Heteromeles arbutifolia</i>                                                                   |             | N |
| 71.060.17 | <i>Quercus agrifolia</i> / <i>Symphoricarpos albus</i>                                                                      |             | N |
| 71.060.18 | <i>Quercus agrifolia</i> – <i>Quercus kelloggii</i>                                                                         |             | Y |
| 71.060.22 | <i>Quercus agrifolia</i> / <i>Eriogonum wrightii</i>                                                                        | Provisional | N |
| 71.060.23 | <i>Quercus agrifolia</i> – <i>Pinus coulteri</i>                                                                            |             | N |
| 71.060.26 | <i>Quercus agrifolia</i> – <i>Arbutus menziesii</i> – <i>Umbellularia californica</i>                                       | G3 S3       | Y |
| 71.060.37 | <i>Quercus agrifolia</i> / <i>Quercus</i> ( <i>berberidifolia</i> , <i>xacutidens</i> )                                     | G3 S3       | Y |
| 71.060.45 | <i>Quercus agrifolia</i> – <i>Quercus engelmannii</i> / <i>Eriogonum fasciculatum</i>                                       |             | N |
| 71.060.48 | <i>Quercus agrifolia</i> – <i>Umbellularia californica</i>                                                                  | G3 S3       | Y |
| 71.060.52 | <i>Quercus agrifolia</i> – <i>Aesculus californica</i>                                                                      |             | N |
| 71.060.53 | <i>Quercus agrifolia</i> – <i>Quercus tomentella</i> / ( <i>Prunus ilicifolia</i> ssp. <i>lyonii</i> )                      | Provisional | Y |
| 71.060.54 | <i>Quercus agrifolia</i> / <i>Quercus pacifica</i>                                                                          |             | Y |
| 71.060.55 | <i>Quercus agrifolia</i> / <i>Arctostaphylos</i> ( <i>insularis</i> )                                                       | Provisional | Y |

**Primary Life for Tree**

| CaCode                            | Name                                                                                                                | Rarity       | Sensitive       |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------|--------------|-----------------|
| 71.060.56                         | <i>Quercus agrifolia</i> / <i>Ceanothus (oliganthus, spinosus)</i>                                                  |              | N               |
| 71.060.57                         | <i>Quercus agrifolia</i> / <i>Arctostaphylos (crustacea)</i>                                                        |              | Y               |
| <b>Quercus chrysolepis (tree)</b> |                                                                                                                     |              | <b>Alliance</b> |
| <b>71.050.00</b>                  | <b>Canyon live oak forest and woodland</b>                                                                          | <b>G5 S5</b> |                 |
| 71.050.01                         | <i>Quercus chrysolepis</i> – <i>Arbutus menziesii</i> – <i>Notholithocarpus densiflorus</i> var. <i>densiflorus</i> | G4 S4?       | N               |
| 71.050.02                         | <i>Quercus chrysolepis</i> – <i>Pinus lambertiana</i>                                                               |              | Y               |
| 71.050.03                         | <i>Quercus chrysolepis</i> / <i>Ceanothus integerrimus</i>                                                          |              | Y               |
| 71.050.04                         | <i>Quercus chrysolepis</i> tree                                                                                     |              | N               |
| 71.050.07                         | <i>Quercus chrysolepis</i> – <i>Quercus garryana</i> var. <i>garryana</i> / <i>Pentagramma triangularis</i>         |              | Y               |
| 71.050.08                         | <i>Quercus chrysolepis</i> / <i>Polystichum imbricans</i>                                                           |              | N               |
| 71.050.09                         | <i>Quercus chrysolepis</i> / <i>Arctostaphylos mewukka</i>                                                          |              | N               |
| 71.050.13                         | <i>Quercus chrysolepis</i> – <i>Umbellularia californica</i>                                                        | G4?          | N               |
| 71.050.14                         | <i>Quercus chrysolepis</i> / <i>Arctostaphylos viscida</i>                                                          | G4?          | N               |
| 71.050.15                         | <i>Quercus chrysolepis</i> / <i>Arctostaphylos patula</i>                                                           | G3?          | Y               |
| 71.050.16                         | <i>Quercus chrysolepis</i> – <i>Pinus sabiniana</i>                                                                 | G3?          | N               |
| 71.050.18                         | <i>Quercus chrysolepis</i> – <i>Pinus ponderosa</i>                                                                 | G3?          | Y               |
| 71.050.21                         | <i>Quercus chrysolepis</i> / <i>Toxicodendron diversilobum</i>                                                      |              | N               |
| 71.050.25                         | <i>Quercus chrysolepis</i> / <i>Notholithocarpus densiflorus</i> var. <i>echinoides</i>                             |              | N               |
| 71.050.26                         | <i>Quercus chrysolepis</i> – <i>Quercus kelloggii</i>                                                               |              | N               |
| 71.050.29                         | <i>Quercus chrysolepis</i> / <i>Quercus (wislizeni, parvula)</i>                                                    |              | N               |
| 71.050.30                         | <i>Quercus chrysolepis</i> / <i>Calycanthus occidentalis</i> – <i>Vitis californica</i>                             |              | Y               |
| 71.050.32                         | <i>Quercus chrysolepis</i> – <i>Pinus jeffreyi</i>                                                                  | Provisional  | N               |
| 71.050.33                         | <i>Quercus chrysolepis</i> / <i>Rhamnus ilicifolia</i>                                                              |              | N               |
| 71.050.34                         | <i>Quercus chrysolepis</i> / <i>Styrax redivivus</i>                                                                |              | Y               |
| 71.050.36                         | <i>Quercus chrysolepis</i> / <i>Arctostaphylos crustacea</i>                                                        | Provisional  | Y               |
| <b>Quercus douglasii</b>          |                                                                                                                     |              | <b>Alliance</b> |
| <b>71.020.00</b>                  | <b>Blue oak woodland and forest</b>                                                                                 | <b>G4 S4</b> |                 |
| 71.020.01                         | <i>Quercus douglasii</i> – <i>Quercus agrifolia</i>                                                                 |              | N               |
| 71.020.02                         | <i>Quercus douglasii</i> – <i>Pinus sabiniana</i> / grass                                                           | G4?          | N               |
| 71.020.03                         | <i>Quercus douglasii</i> – <i>Pinus sabiniana</i> / <i>Ceanothus cuneatus</i> – <i>Cercocarpus montanus</i>         |              | N               |
| 71.020.04                         | <i>Quercus douglasii</i> – <i>Pinus sabiniana</i> / <i>Arctostaphylos viscida</i>                                   |              | N               |
| 71.020.05                         | <i>Quercus douglasii</i> / Mixed herbaceous                                                                         |              | N               |
| 71.020.06                         | <i>Quercus douglasii</i> – <i>Quercus wislizeni</i>                                                                 |              | N               |
| 71.020.08                         | <i>Quercus douglasii</i> / <i>Ericameria linearifolia</i>                                                           |              | N               |
| 71.020.09                         | <i>Quercus douglasii</i> / understory oak                                                                           |              | N               |
| 71.020.12                         | <i>Quercus douglasii</i> / <i>Ceanothus cuneatus</i>                                                                | G3G<br>4     | Y               |
| 71.020.15                         | <i>Quercus douglasii</i> / <i>Ribes californicum</i> / <i>Bromus diandrus</i>                                       |              | N               |
| 71.020.16                         | <i>Quercus douglasii</i> / <i>Bromus</i> spp. – ( <i>Daucus pusillus</i> )                                          | G4?          | N               |
| 71.020.19                         | <i>Quercus douglasii</i> – <i>Juniperus californica</i> / <i>Ericameria linearifolia</i>                            |              | N               |
| 71.020.20                         | <i>Quercus douglasii</i> / <i>Eriogonum fasciculatum</i> / herbaceous                                               |              | N               |
| 71.020.21                         | <i>Quercus douglasii</i> / <i>Selaginella hansenii</i> – <i>Navarretia pubescens</i>                                |              | Y               |
| 71.020.22                         | <i>Quercus douglasii</i> / <i>Arctostaphylos manzanita</i> / herbaceous                                             |              | N               |

**Primary Life for Tree**

| CaCode    | Name                                                                                                              | Rarity      | Sensitive |
|-----------|-------------------------------------------------------------------------------------------------------------------|-------------|-----------|
| 71.020.24 | <i>Quercus douglasii</i> – <i>Aesculus californica</i> / grass                                                    |             | N         |
| 71.020.27 | <i>Quercus douglasii</i> / <i>Amsinckia (intermedia, menziesii)</i> – <i>Plagiobothrys nothofulvus</i>            |             | N         |
| 71.020.32 | <i>Quercus douglasii</i> / <i>Collinsia sparsiflora</i> – <i>Rigiopappus leptocladus</i>                          |             | N         |
| 71.020.33 | <i>Quercus douglasii</i> / <i>Delphinium parryi</i> – <i>Phacelia imbricata</i>                                   |             | N         |
| 71.020.34 | <i>Quercus douglasii</i> / <i>Eriogonum elongatum</i> / <i>Lotus subpinnatus</i> – <i>Plantago erecta</i>         |             | N         |
| 71.020.35 | <i>Quercus douglasii</i> / <i>Erodium moschatum</i> – <i>Hordeum murinum</i> ssp. <i>leporinum</i>                |             | N         |
| 71.020.36 | <i>Quercus douglasii</i> / <i>Euphorbia spathulata</i> – <i>Pentagramma triangularis</i>                          |             | N         |
| 71.020.37 | <i>Quercus douglasii</i> / <i>Galium andrewsii</i> – <i>Lupinus concinnus</i>                                     |             | N         |
| 71.020.38 | <i>Quercus douglasii</i> / <i>Hordeum murinum</i> ssp. <i>leporinum</i> – <i>Viola pedunculata</i>                |             | N         |
| 71.020.39 | <i>Quercus douglasii</i> / <i>Lupinus concinnus</i> – <i>Trifolium ciliolatum</i>                                 |             | N         |
| 71.020.40 | <i>Quercus douglasii</i> / <i>Lotus wrangelianus</i> – <i>Nassella pulchra</i>                                    |             | N         |
| 71.020.41 | <i>Quercus douglasii</i> – <i>Juniperus californica</i> / <i>Quercus john-tuckeri</i>                             | G3 S3       | Y         |
| 71.020.43 | <i>Quercus douglasii</i> / ( <i>Achnatherum lemmonii</i> – <i>Nassella pulchra</i> )                              |             | N         |
| 71.020.45 | <i>Quercus douglasii</i> / <i>Toxicodendron diversilobum</i> / grass                                              |             | N         |
| 71.020.46 | <i>Quercus douglasii</i> – <i>Quercus wislizeni</i> / <i>Lithophragma cymbalaria</i>                              |             | N         |
| 71.020.47 | <i>Quercus xepplingii</i> / Grass                                                                                 | Provisional | Y         |
| 71.020.48 | <i>Quercus douglasii</i> – <i>Juniperus californica</i> / <i>Ceanothus cuneatus</i> – <i>Cercocarpus montanus</i> |             | Y         |

***Quercus engelmannii*****Alliance****71.070.00 Engelmann oak woodland and forest****G3 S3**

|           |                                                                                                                                                                  |  |   |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---|
| 71.070.02 | <i>Quercus engelmannii</i> – <i>Quercus agrifolia</i> / <i>Artemisia californica</i>                                                                             |  | Y |
| 71.070.03 | <i>Quercus engelmannii</i> – <i>Quercus agrifolia</i> / chaparral ( <i>Adenostoma fasciculatum</i> – <i>Quercus berberidifolia</i> – <i>Rhamnus ilicifolia</i> ) |  | Y |
| 71.070.04 | <i>Quercus engelmannii</i> – <i>Quercus agrifolia</i> / <i>Toxicodendron diversilobum</i> / annual grass                                                         |  | Y |
| 71.070.05 | <i>Quercus engelmannii</i> / <i>Adenostoma fasciculatum</i> – <i>Arctostaphylos glauca</i>                                                                       |  | Y |
| 71.070.06 | <i>Quercus engelmannii</i> / annual grass – herb                                                                                                                 |  | Y |
| 71.070.07 | <i>Quercus engelmannii</i> / <i>Quercus berberidifolia</i>                                                                                                       |  | Y |
| 71.070.08 | <i>Quercus engelmannii</i> / <i>Salvia apiana</i> / grass – herb                                                                                                 |  | Y |
| 71.070.09 | <i>Quercus engelmannii</i> / <i>Toxicodendron diversilobum</i> / grass                                                                                           |  | Y |

***Quercus garryana (tree)*****Alliance****71.030.00 Oregon white oak woodland and forest****G4 S3**

|           |                                                                                                                         |  |   |
|-----------|-------------------------------------------------------------------------------------------------------------------------|--|---|
| 71.030.01 | <i>Quercus garryana</i> – <i>Quercus kelloggii</i> / <i>Arrhenatherum elatius</i>                                       |  | Y |
| 71.030.02 | <i>Quercus garryana</i> var. <i>garryana</i> – <i>Quercus garryana</i> var. <i>breweri</i> / <i>Festuca californica</i> |  | Y |
| 71.030.03 | <i>Quercus garryana</i> – <i>Pseudotsuga menziesii</i> / <i>Festuca californica</i>                                     |  | Y |
| 71.030.04 | <i>Quercus garryana</i> / <i>Toxicodendron diversilobum</i>                                                             |  | Y |
| 71.030.05 | <i>Quercus garryana</i> / <i>Symphoricarpos albus</i>                                                                   |  | Y |
| 71.030.06 | <i>Quercus garryana</i> / <i>Cynosurus cristatus</i>                                                                    |  | Y |
| 71.030.07 | <i>Quercus garryana</i> / <i>Ribes roezlii</i>                                                                          |  | Y |
| 71.030.08 | <i>Quercus garryana</i> / <i>Philadelphus lewisii</i>                                                                   |  | Y |
| 71.030.09 | <i>Quercus garryana</i> / <i>Delphinium trolliifolium</i>                                                               |  | Y |

**Primary Life for Tree**

| CaCode    | Name                                                                                              | Rarity | Sensitive |
|-----------|---------------------------------------------------------------------------------------------------|--------|-----------|
| 71.030.10 | <i>Quercus garryana</i> / <i>Dactylis glomerata</i>                                               |        | Y         |
| 71.030.11 | <i>Quercus garryana</i> / <i>Bromus carinatus</i>                                                 |        | Y         |
| 71.030.13 | <i>Quercus garryana</i> / <i>Melica subulata</i>                                                  |        | Y         |
| 71.030.14 | <i>Quercus garryana</i> – <i>Quercus kelloggii</i> / <i>Toxicodendron diversilobum</i>            |        | Y         |
| 71.030.15 | <i>Quercus garryana</i> – <i>Quercus kelloggii</i> / <i>Dichelostemma ida-maia</i>                |        | Y         |
| 71.030.16 | <i>Quercus garryana</i> – <i>Umbellularia californica</i> – <i>Quercus (agrifolia, kelloggii)</i> |        | Y         |
| 71.030.17 | <i>Quercus garryana</i> / ( <i>Cynosurus echinatus</i> – <i>Festuca californica</i> )             |        | Y         |
| 71.030.18 | <i>Quercus garryana</i> / <i>Ceanothus cuneatus</i> / <i>Festuca idahoensis</i>                   |        | Y         |

**Quercus kelloggii****Alliance****71.010.00 California black oak forest and woodland****G4 S4**

|           |                                                                                                                          |                 |    |   |
|-----------|--------------------------------------------------------------------------------------------------------------------------|-----------------|----|---|
| 71.010.01 | <i>Quercus kelloggii</i> – <i>Quercus chrysolepis</i> / <i>Toxicodendron diversilobum</i>                                |                 |    | N |
| 71.010.02 | <i>Quercus kelloggii</i> – <i>Quercus agrifolia</i> – pine / <i>Holodiscus discolor</i>                                  |                 |    | Y |
| 71.010.03 | <i>Quercus kelloggii</i> / <i>Ceanothus integerrimus</i>                                                                 |                 |    | N |
| 71.010.05 | <i>Quercus kelloggii</i> / <i>Triteleia</i> spp.                                                                         |                 |    | N |
| 71.010.06 | <i>Quercus kelloggii</i> / <i>Arctostaphylos patula</i>                                                                  | G3?             |    | Y |
| 71.010.08 | <i>Quercus kelloggii</i> / <i>Toxicodendron diversilobum</i>                                                             |                 |    | N |
| 71.010.10 | <i>Quercus kelloggii</i> / <i>Toxicodendron diversilobum</i> – <i>Styrax redivivus</i> / <i>Triteleia laxa</i>           |                 |    | Y |
| 71.010.11 | <i>Quercus kelloggii</i> – <i>Quercus lobata</i> / grass                                                                 |                 |    | Y |
| 71.010.12 | <i>Quercus kelloggii</i> – <i>Quercus chrysolepis</i>                                                                    |                 |    | N |
| 71.010.16 | <i>Quercus kelloggii</i> – <i>Pseudotsuga menziesii</i> – <i>Acer macrophyllum</i>                                       |                 |    | N |
| 71.010.17 | <i>Quercus kelloggii</i> – <i>Pseudotsuga menziesii</i>                                                                  |                 |    | Y |
| 71.010.20 | <i>Quercus kelloggii</i> / <i>Arctostaphylos mewukka</i> / <i>Chamaebatia foliolosa</i>                                  | G3?             |    | Y |
| 71.010.21 | <i>Quercus kelloggii</i> – <i>Calocedrus decurrens</i>                                                                   | Provisional G4? |    | N |
| 71.010.22 | <i>Quercus kelloggii</i> – <i>Arbutus menziesii</i> – <i>Quercus agrifolia</i>                                           | G3              | S3 | Y |
| 71.010.26 | <i>Quercus kelloggii</i> – <i>Pinus ponderosa</i>                                                                        |                 |    | N |
| 71.010.27 | <i>Quercus kelloggii</i> – <i>Pinus ponderosa</i> / <i>Arctostaphylos viscida</i>                                        | G4?             |    | N |
| 71.010.29 | <i>Quercus kelloggii</i> – <i>Pseudotsuga menziesii</i> – <i>Umbellularia californica</i>                                |                 |    | Y |
| 71.010.30 | <i>Quercus kelloggii</i> / grass – herb                                                                                  |                 |    | N |
| 71.010.31 | <i>Quercus kelloggii</i> / <i>Heteromeles arbutifolia</i> – <i>Toxicodendron diversilobum</i>                            |                 |    | N |
| 71.010.32 | <i>Quercus kelloggii</i> – <i>Pinus coulteri</i>                                                                         |                 |    | N |
| 71.010.33 | <i>Quercus kelloggii</i> – <i>Pinus coulteri</i> / <i>Arctostaphylos glandulosa</i>                                      |                 |    | N |
| 71.010.34 | <i>Quercus kelloggii</i> – <i>Pinus coulteri</i> / <i>Arctostaphylos pringlei</i>                                        |                 |    | N |
| 71.010.36 | <i>Quercus kelloggii</i> / <i>Ribes roezlii</i>                                                                          | Provisional     |    | Y |
| 71.080.47 | <i>Quercus wislizeni</i> – <i>Quercus kelloggii</i> / <i>Heteromeles arbutifolia</i> – <i>Toxicodendron diversilobum</i> |                 |    | N |

**Quercus lobata****Alliance****71.035.00 Valley oak woodland and forest****G3 S3**

|           |                                                                                  |             |  |   |
|-----------|----------------------------------------------------------------------------------|-------------|--|---|
| 71.040.05 | <i>Quercus lobata</i> / grass                                                    |             |  | Y |
| 71.040.06 | <i>Quercus lobata</i> – <i>Quercus agrifolia</i> / grass                         |             |  | Y |
| 71.040.18 | <i>Quercus lobata</i> – <i>Quercus douglasii</i>                                 |             |  | Y |
| 71.040.19 | <i>Quercus lobata</i> – <i>Quercus kelloggii</i>                                 |             |  | Y |
| 71.040.23 | <i>Quercus lobata</i> / <i>Baccharis pilularis</i> – <i>Diplacus aurantiacus</i> | Provisional |  | Y |

**Primary Life for Tree**

| CaCode                                               | Name                                                                                                                    | Rarity             | Sensitive       |
|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|--------------------|-----------------|
| <b>Quercus lobata Riparian</b>                       |                                                                                                                         |                    | <b>Alliance</b> |
| <b>71.045.00</b>                                     | <b>Valley oak riparian forest and woodland</b>                                                                          | <b>G3 S3</b>       |                 |
| 71.040.10                                            | <i>Quercus lobata</i> / <i>Rubus armeniacus</i>                                                                         |                    | Y               |
| 71.040.11                                            | <i>Quercus lobata</i> – <i>Alnus rhombifolia</i>                                                                        |                    | Y               |
| 71.040.12                                            | <i>Quercus lobata</i> – <i>Quercus wislizeni</i>                                                                        |                    | Y               |
| 71.040.13                                            | <i>Quercus lobata</i> / herbaceous semi-riparian                                                                        |                    | Y               |
| 71.040.16                                            | <i>Quercus lobata</i> – <i>Fraxinus latifolia</i> / <i>Vitis californica</i>                                            |                    | Y               |
| 71.040.20                                            | <i>Quercus lobata</i> – <i>Salix lasiolepis</i>                                                                         | G2 S2?             | Y               |
| 71.040.21                                            | <i>Quercus lobata</i> / <i>Carex barbarae</i>                                                                           |                    | Y               |
| 71.040.22                                            | <i>Quercus lobata</i> / <i>Rubus ursinus</i> – <i>Rosa californica</i>                                                  |                    | Y               |
| 71.045.01                                            | <i>Quercus lobata</i> – <i>Quercus agrifolia</i> / <i>Toxicodendron diversilobum</i> –<br>( <i>Symphoricarpos</i> spp.) |                    | Y               |
| 71.050.28                                            | <i>Quercus lobata</i> – <i>Quercus chrysolepis</i> / <i>Vitis californica</i>                                           |                    | Y               |
| <b>Quercus tomentella – Lyonothamnus floribundus</b> |                                                                                                                         |                    | <b>Alliance</b> |
| <b>77.100.00</b>                                     | <b>Island live oak – Catalina ironwood woodland and forest</b>                                                          | <b>G3 S3</b>       |                 |
| 77.100.01                                            | <i>Quercus tomentella</i>                                                                                               | G2 S2              | Y               |
| 77.100.02                                            | <i>Lyonothamnus floribundus</i>                                                                                         | G2 S2              | Y               |
| <b>Quercus wislizeni – Quercus parvula (tree)</b>    |                                                                                                                         |                    | <b>Alliance</b> |
| <b>71.080.00</b>                                     | <b>Interior live oak – shreve oak woodland and forest</b>                                                               | <b>G4 S4</b>       |                 |
| 71.080.01                                            | <i>Quercus wislizeni</i> – <i>Quercus douglasii</i> – <i>Pinus sabiniana</i>                                            | G4?                | N               |
| 71.080.02                                            | <i>Quercus wislizeni</i> – <i>Pinus sabiniana</i> / <i>Arctostaphylos manzanita</i>                                     |                    | Y               |
| 71.080.03                                            | <i>Quercus</i> ( <i>parvula</i> , <i>wislizeni</i> ) – <i>Arbutus menziesii</i> / <i>Toxicodendron diversilobum</i>     |                    | N               |
| 71.080.05                                            | <i>Quercus wislizeni</i> / <i>Eriodictyon californicum</i>                                                              |                    | N               |
| 71.080.09                                            | <i>Quercus wislizeni</i> – ( <i>Pinus sabiniana</i> ) / <i>Arctostaphylos viscida</i>                                   |                    | N               |
| 71.080.13                                            | <i>Quercus wislizeni</i> – <i>Salix laevigata</i> / <i>Frangula californica</i>                                         |                    | Y               |
| 71.080.14                                            | <i>Quercus wislizeni</i> – <i>Aesculus californica</i>                                                                  |                    | N               |
| 71.080.15                                            | <i>Quercus wislizeni</i> – <i>Pinus ponderosa</i>                                                                       |                    | Y               |
| 71.080.38                                            | <i>Quercus wislizeni</i> – <i>Quercus chrysolepis</i> tree                                                              | G4 S4              | N               |
| 71.080.39                                            | <i>Quercus wislizeni</i> – <i>Quercus chrysolepis</i> – <i>Pinus coulteri</i>                                           |                    | N               |
| 71.080.40                                            | <i>Quercus wislizeni</i> / <i>Heteromeles arbutifolia</i>                                                               | G4 S4              | N               |
| 71.080.42                                            | <i>Quercus wislizeni</i> – <i>Pinus sabiniana</i> / annual grass – herb                                                 |                    | N               |
| 71.080.44                                            | <i>Quercus wislizeni</i> – <i>Quercus douglasii</i> / herbaceous                                                        |                    | N               |
| 71.080.48                                            | <i>Quercus wislizeni</i> / <i>Toxicodendron diversilobum</i>                                                            |                    | N               |
| 71.080.49                                            | <i>Quercus parvula</i> var. <i>shrevei</i>                                                                              |                    | Y               |
| <b>Salix gooddingii – Salix laevigata</b>            |                                                                                                                         |                    | <b>Alliance</b> |
| <b>61.216.00</b>                                     | <b>Goodding's willow – red willow riparian woodland and forest</b>                                                      | <b>G4 S3</b>       |                 |
| 61.205.01                                            | <i>Salix laevigata</i>                                                                                                  | GNR                | Y               |
| 61.205.02                                            | <i>Salix laevigata</i> / <i>Salix lasiolepis</i>                                                                        |                    | Y               |
| 61.205.04                                            | <i>Salix laevigata</i> / <i>Rosa californica</i>                                                                        |                    | Y               |
| 61.205.05                                            | <i>Salix laevigata</i> / ( <i>Cornus sericea</i> – <i>Ribes</i> spp.) / <i>Scirpus microcarpus</i> – <i>Carex</i> spp.  | Provisional G3 S3? | Y               |
| 61.211.01                                            | <i>Salix gooddingii</i>                                                                                                 |                    | Y               |
| 61.211.02                                            | <i>Salix gooddingii</i> / <i>Baccharis salicifolia</i>                                                                  |                    | Y               |
| 61.211.03                                            | <i>Salix gooddingii</i> / <i>Lepidium latifolium</i>                                                                    |                    | Y               |
| 61.211.05                                            | <i>Salix gooddingii</i> – <i>Salix laevigata</i>                                                                        |                    | Y               |

**Primary Life for Tree**

| CaCode                                                            | Name                                                                                                                                                         | Rarity         | Sensitive                    |
|-------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------------------------|
| 61.211.06                                                         | <i>Salix gooddingii</i> – <i>Quercus lobata</i> / wetland herb                                                                                               |                | Y                            |
| 61.211.07                                                         | <i>Salix gooddingii</i> / <i>Rubus armeniacus</i>                                                                                                            |                | Y                            |
| 61.211.08                                                         | <i>Salix gooddingii</i> – <i>Salix lucida</i> – <i>Populus fremontii</i>                                                                                     |                | Y                            |
| 61.211.09                                                         | <i>Salix gooddingii</i> / <i>Salix exigua</i>                                                                                                                |                | Y                            |
| 61.211.10                                                         | <i>Salix gooddingii</i> – <i>Fraxinus latifolia</i>                                                                                                          | Provisional    | Y                            |
| <b><i>Salix lucida ssp. lasiandra</i></b>                         |                                                                                                                                                              |                | <b>Alliance</b>              |
| <b>61.204.00</b>                                                  | <b>Shining willow groves</b>                                                                                                                                 | <b>G4 S3</b>   |                              |
| 61.204.01                                                         | <i>Salix lucida ssp. lasiandra</i> / <i>Urtica urens</i> – <i>Urtica dioica</i>                                                                              |                | Y                            |
| 61.204.03                                                         | <i>Salix lucida ssp. lasiandra</i>                                                                                                                           |                | Y                            |
| 61.204.04                                                         | <i>Salix lucida ssp. lasiandra</i> / <i>Cornus sericea</i>                                                                                                   |                | Y                            |
| <b><i>Schinus (molle, terebinthifolius) – Myoporum laetum</i></b> |                                                                                                                                                              |                | <b>Semi-Natural Alliance</b> |
| <b>79.200.00</b>                                                  | <b>Pepper tree or Myoporum groves</b>                                                                                                                        | <b>GNA SNA</b> |                              |
| 79.200.01                                                         | <i>Myoporum laetum</i> / <i>Arundo donax</i>                                                                                                                 | GNA SNA        | N                            |
| 79.200.02                                                         | <i>Schinus molle</i>                                                                                                                                         | GNA SNA        | N                            |
| 79.200.03                                                         | <i>Schinus molle</i> / <i>Lepidospartum squamatum</i>                                                                                                        |                | N                            |
| <b><i>Sequoia sempervirens</i></b>                                |                                                                                                                                                              |                | <b>Alliance</b>              |
| <b>86.100.00</b>                                                  | <b>Redwood forest and woodland</b>                                                                                                                           | <b>G3 S3</b>   |                              |
| 86.100.02                                                         | <i>Sequoia sempervirens</i> / ( <i>Pteridium aquilinum</i> ) – <i>Woodwardia fimbriata</i>                                                                   | G3 S3          | Y                            |
| 86.100.03                                                         | <i>Sequoia sempervirens</i> / <i>Polystichum munitum</i> – <i>Trillium ovatum</i>                                                                            |                | Y                            |
| 86.100.04                                                         | <i>Sequoia sempervirens</i>                                                                                                                                  |                | Y                            |
| 86.100.05                                                         | <i>Sequoia sempervirens</i> / <i>Marah fabaceus</i> – <i>Vicia sativa ssp. nigra</i>                                                                         |                | Y                            |
| 86.100.06                                                         | <i>Sequoia sempervirens</i> – <i>Notholithocarpus densiflorus</i> / <i>Carex globosa</i> – <i>Iris douglasiana</i>                                           |                | Y                            |
| 86.100.08                                                         | <i>Sequoia sempervirens</i> / <i>Mahonia nervosa</i>                                                                                                         |                | Y                            |
| 86.100.10                                                         | <i>Sequoia sempervirens</i> – <i>Pseudotsuga menziesii</i> – <i>Arbutus menziesii</i>                                                                        |                | Y                            |
| 86.100.11                                                         | <i>Sequoia sempervirens</i> – <i>Pseudotsuga menziesii</i> / <i>Gaultheria shallon</i>                                                                       |                | Y                            |
| 86.100.12                                                         | <i>Sequoia sempervirens</i> – <i>Pseudotsuga menziesii</i> / <i>Vaccinium ovatum</i>                                                                         |                | Y                            |
| 86.100.13                                                         | <i>Sequoia sempervirens</i> / <i>Oxalis oregana</i>                                                                                                          |                | Y                            |
| 86.100.14                                                         | <i>Sequoia sempervirens</i> – <i>Acer macrophyllum</i> – <i>Umbellularia californica</i>                                                                     | G3 S3          | Y                            |
| 86.100.15                                                         | <i>Sequoia sempervirens</i> – <i>Arbutus menziesii</i> / <i>Vaccinium ovatum</i>                                                                             | G3 S3          | Y                            |
| 86.100.16                                                         | <i>Sequoia sempervirens</i> – <i>Notholithocarpus densiflorus</i> / <i>Vaccinium ovatum</i>                                                                  | G3 S3          | Y                            |
| 86.100.18                                                         | <i>Sequoia sempervirens</i> – <i>Chrysolepis chrysophylla</i> / <i>Arctostaphylos glandulosa</i>                                                             | G2 S2?         | Y                            |
| 86.100.20                                                         | <i>Sequoia sempervirens</i> – <i>Pseudotsuga menziesii</i> – <i>Umbellularia californica</i>                                                                 |                | Y                            |
| 86.100.21                                                         | <i>Sequoia sempervirens</i> – <i>Umbellularia californica</i>                                                                                                | G3 S3          | Y                            |
| 86.100.23                                                         | <i>Sequoia sempervirens</i> – <i>Pseudotsuga menziesii</i> – <i>Notholithocarpus densiflorus</i> – <i>Chamaecyparis lawsoniana</i> / <i>Vaccinium ovatum</i> |                | Y                            |
| 86.100.25                                                         | <i>Sequoia sempervirens</i> / <i>Polystichum munitum</i>                                                                                                     |                | Y                            |
| 86.100.26                                                         | <i>Sequoia sempervirens</i> – <i>Pseudotsuga menziesii</i> / <i>Rhododendron macrophyllum</i>                                                                |                | Y                            |
| 86.100.27                                                         | <i>Sequoia sempervirens</i> – <i>Tsuga heterophylla</i> / <i>Vaccinium ovatum</i>                                                                            |                | Y                            |
| 86.100.28                                                         | <i>Sequoia sempervirens</i> – <i>Tsuga heterophylla</i> / <i>Polystichum munitum</i>                                                                         |                | Y                            |
| 86.100.29                                                         | <i>Sequoia sempervirens</i> – <i>Alnus rubra</i> / <i>Rubus spectabilis</i>                                                                                  |                | Y                            |

**Primary Life for Tree**

| CaCode                                 | Name                                                                                             | Rarity            | Sensitive       |
|----------------------------------------|--------------------------------------------------------------------------------------------------|-------------------|-----------------|
| 86.100.30                              | <i>Sequoia sempervirens</i> – <i>Tsuga heterophylla</i> / <i>Rubus spectabilis</i>               |                   | Y               |
| 86.100.31                              | <i>Sequoia sempervirens</i> – <i>Pseudotsuga menziesii</i> – <i>Notholithocarpus densiflorus</i> |                   | Y               |
| 86.100.32                              | <i>Sequoia sempervirens</i> – <i>Hesperocyparis pigmaea</i>                                      | Provisional G1 S1 | Y               |
| 86.100.33                              | <i>Sequoia sempervirens</i> – <i>Pinus muricata</i>                                              | Provisional       | Y               |
| <b><i>Sequoiadendron giganteum</i></b> |                                                                                                  |                   | <b>Alliance</b> |
| <b>86.200.00</b>                       | <b>Giant sequoia forest and woodland</b>                                                         | <b>G3 S3</b>      |                 |
| 86.200.01                              | <i>Sequoiadendron giganteum</i> – <i>Pinus lambertiana</i> / <i>Cornus nuttallii</i>             |                   | Y               |
| <b><i>Tsuga heterophylla</i></b>       |                                                                                                  |                   | <b>Alliance</b> |
| <b>84.200.00</b>                       | <b>Western hemlock forest</b>                                                                    | <b>G5 S2</b>      |                 |
| 84.200.01                              | <i>Tsuga heterophylla</i> – <i>Pseudotsuga menziesii</i> – <i>Chamaecyparis lawsoniana</i>       |                   | Y               |
| <b><i>Tsuga mertensiana</i></b>        |                                                                                                  |                   | <b>Alliance</b> |
| <b>84.100.00</b>                       | <b>Mountain hemlock forest and woodland</b>                                                      | <b>G5 S4</b>      |                 |
| 84.100.01                              | <i>Tsuga mertensiana</i> / <i>Phyllodoce empetrifloris</i>                                       |                   | N               |
| 84.100.02                              | <i>Tsuga mertensiana</i> / <i>Juncus parryi</i>                                                  |                   | N               |
| 84.100.03                              | <i>Tsuga mertensiana</i> / <i>Quercus sadleriana</i>                                             |                   | N               |
| 84.100.04                              | <i>Tsuga mertensiana</i>                                                                         | G3G<br>4          | Y               |
| 84.100.07                              | <i>Tsuga mertensiana</i> / <i>Quercus vaccinifolia</i>                                           |                   | N               |
| 84.100.08                              | <i>Tsuga mertensiana</i> / <i>Pyrola picta</i>                                                   |                   | N               |
| 84.100.09                              | <i>Tsuga mertensiana</i> / <i>Arnica cordifolia</i>                                              |                   | N               |
| 84.100.10                              | <i>Tsuga mertensiana</i> – <i>Pinus monticola</i>                                                |                   | N               |
| 84.100.11                              | <i>Tsuga mertensiana</i> – <i>Pinus contorta</i> ssp. <i>murrayana</i> – <i>Pinus monticola</i>  | G3?               | Y               |
| 84.100.14                              | <i>Tsuga mertensiana</i> / steep                                                                 |                   | N               |
| 84.100.15                              | <i>Tsuga mertensiana</i> – <i>Pinus contorta</i> ssp. <i>murrayana</i>                           | G3G<br>4          | Y               |
| <b><i>Umbellularia californica</i></b> |                                                                                                  |                   | <b>Alliance</b> |
| <b>74.100.00</b>                       | <b>California bay forest and woodland</b>                                                        | <b>G4 S3</b>      |                 |
| 74.100.01                              | <i>Umbellularia californica</i>                                                                  | G3 S3             | Y               |
| 74.100.03                              | <i>Umbellularia californica</i> – <i>Arbutus menziesii</i>                                       |                   | Y               |
| 74.100.07                              | <i>Umbellularia californica</i> / <i>Ceanothus oliganthus</i>                                    | G3 S3             | Y               |
| 74.100.08                              | <i>Umbellularia californica</i> / <i>Polystichum munitum</i>                                     |                   | Y               |
| 74.100.09                              | <i>Umbellularia californica</i> / <i>Toxicodendron diversilobum</i>                              |                   | Y               |
| 74.100.11                              | <i>Umbellularia californica</i> – <i>Juglans californica</i> / <i>Ceanothus spinosus</i>         | G3 S3             | Y               |
| 74.100.12                              | <i>Umbellularia californica</i> – <i>Notholithocarpus densiflorus</i>                            | G3 S3             | Y               |
| 74.100.18                              | <i>Umbellularia californica</i> – <i>Quercus wislizeni</i>                                       |                   | Y               |
| 74.100.22                              | <i>Umbellularia californica</i> – <i>Quercus agrifolia</i> / <i>Toxicodendron diversilobum</i>   |                   | Y               |
| <b><i>Washingtonia filifera</i></b>    |                                                                                                  |                   | <b>Alliance</b> |
| <b>61.520.00</b>                       | <b>California fan palm oasis</b>                                                                 | <b>G3 S3</b>      |                 |
| 61.520.03                              | <i>Washingtonia filifera</i> / spring ( <i>Atriplex</i> – <i>Baccharis</i> – <i>Pluchea</i> )    |                   | Y               |
| 61.520.04                              | <i>Washingtonia filifera</i> – <i>Platanus racemosa</i> / <i>Salix</i> spp.                      |                   | Y               |

|                         |                                                                                                            | <u>Primary Life for</u> <u>Tree</u> |    |                 |           |
|-------------------------|------------------------------------------------------------------------------------------------------------|-------------------------------------|----|-----------------|-----------|
| CaCode                  | Name                                                                                                       |                                     |    | Rarity          | Sensitive |
| <i>Yucca brevifolia</i> |                                                                                                            |                                     |    | <i>Alliance</i> |           |
| 33.170.00               | Joshua tree woodland                                                                                       | G4                                  | S3 |                 |           |
| 33.170.02               | <i>Yucca brevifolia</i> / <i>Coleogyne ramosissima</i>                                                     | G4                                  | S3 |                 | Y         |
| 33.170.04               | <i>Yucca brevifolia</i> / ( <i>Artemisia tridentata</i> – <i>Atriplex confertifolia</i> )                  |                                     |    |                 | Y         |
| 33.170.06               | <i>Yucca brevifolia</i> / <i>Cylindropuntia acanthocarpa</i>                                               |                                     |    |                 | Y         |
| 33.170.08               | <i>Yucca brevifolia</i> / <i>Lycium andersonii</i> – <i>Ephedra nevadensis</i>                             |                                     |    |                 | Y         |
| 33.170.10               | <i>Yucca brevifolia</i> / <i>Larrea tridentata</i> – <i>Yucca schidigera</i> / <i>Pleuraphis rigida</i>    | G4                                  |    |                 | Y         |
| 33.170.13               | <i>Yucca brevifolia</i> / ( <i>Prunus fasciculata</i> – <i>Salazaria mexicana</i> )                        | G3                                  | S3 |                 | Y         |
| 33.170.16               | <i>Yucca brevifolia</i> / <i>Pleuraphis rigida</i>                                                         | G4                                  | S3 |                 | Y         |
| 33.170.18               | <i>Yucca brevifolia</i> / ( <i>Yucca baccata</i> ) / <i>Pleuraphis jamesii</i> – <i>Bouteloua eriopoda</i> |                                     |    |                 | Y         |
| 33.170.19               | <i>Yucca brevifolia</i> / <i>Juniperus californica</i> / <i>Ephedra nevadensis</i>                         | G3                                  | S3 |                 | Y         |

**Primary Life for Shrub**

CaCode

Name

Rarity

Sensitive

**Acacia spp. – Grevillea spp. – Leptospermum laevigatum****Semi-natural Alliance****32.220.00 Australian wattle - Grevillea - Tea tree ruderal patches****GNA SNA**32.220.01 *Acacia (cyclops, dealbata)*

N

**Acer glabrum****Provisional****Alliance****61.430.00 Rocky Mountain maple thickets****G5 S3?**61.430.01 *Acer glabrum drainage bottom*

Provisional

Y

61.430.02 *Acer glabrum Avalanche Chute*

Provisional

Y

**Adenostoma fasciculatum****Alliance****37.101.00 Chamise chaparral****G5 S5**37.101.06 *Adenostoma fasciculatum – (Ceanothus greggii / mafic)*

Y

37.101.07 *Adenostoma fasciculatum – (Arctostaphylos glandulosa)*

G4 S4

N

37.101.08 *Adenostoma fasciculatum – (Ceanothus crassifolius)*

N

37.101.10 *Adenostoma fasciculatum – (Ceanothus cuneatus)*

G4?

N

37.101.11 *Adenostoma fasciculatum – (Ceanothus tomentosus)*

N

37.101.12 *Adenostoma fasciculatum – Diplacus aurantiacus*

G4 S4

N

37.101.14 *Adenostoma fasciculatum – Eriogonum fasciculatum*

G4 S4

N

37.101.15 *Adenostoma fasciculatum – (Arctostaphylos glandulosa – Ceanothus jepsonii)*

Y

37.101.16 *Adenostoma fasciculatum*

G5 S5

N

37.101.17 *Adenostoma fasciculatum – (Lotus scoparius – Eriodictyon spp.)*

N

37.101.19 *Adenostoma fasciculatum – Arctostaphylos manzanita*

Y

37.101.20 *Adenostoma fasciculatum – (Ceanothus megacarpus)*

G3 S3

Y

37.101.21 *Adenostoma fasciculatum – Malosma laurina*

G4 S4

N

37.101.26 *Adenostoma fasciculatum – (Arctostaphylos pungens)*

N

37.101.28 *Adenostoma fasciculatum – Heteromeles arbutifolia / Melica torreyana*

Y

37.101.30 *Adenostoma fasciculatum / Selaginella bigelovii*

N

37.101.35 *Adenostoma fasciculatum – Arctostaphylos stanfordiana / Salvia sonomensis*

Y

37.101.36 *Adenostoma fasciculatum var. prostratum – (Quercus pacifica)*

Y

37.101.37 *Adenostoma fasciculatum var. prostratum – Salvia brandegeei / Selaginella bigelovii*

Provisional

Y

37.101.38 *Adenostoma fasciculatum Southern Maritime*

G2 S2.2

Y

37.103.03 *Adenostoma fasciculatum – Eriogonum fasciculatum – Salvia apiana*

Y

**Adenostoma fasciculatum – Salvia spp.****Alliance****37.110.00 Chamise – Sage chaparral****G4 S4**37.101.23 *Adenostoma fasciculatum – Salvia leucophylla*

G3 S3

Y

37.102.02 *Adenostoma fasciculatum – Salvia mellifera*

G4 S4

N

37.102.03 *Adenostoma fasciculatum – (Eriogonum fasciculatum – Salvia mellifera)*

Y

37.102.04 *Adenostoma fasciculatum – Salvia mellifera – Artemisia californica*

N

37.102.05 *Adenostoma fasciculatum – Salvia mellifera – Ceanothus crassifolius*

N

37.102.06 *Adenostoma fasciculatum – Salvia mellifera – Malosma laurina*

G4 S4

N

37.102.07 *Adenostoma fasciculatum – Salvia mellifera – Rhus ovata*

G3 S3

Y

37.103.01 *Adenostoma fasciculatum – Salvia apiana*

Y

37.103.02 *Adenostoma fasciculatum – Salvia apiana – Artemisia californica*

Y

**Primary Life for Shrub**

| CaCode                                 | Name                                                                                                                       | Rarity             | Sensitive  | Alliance |
|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------|--------------------|------------|----------|
| <b><i>Adenostoma sparsifolium</i></b>  |                                                                                                                            |                    |            |          |
| <b>37.501.00</b>                       | <b>Redshank chaparral</b>                                                                                                  | <b>G4</b>          | <b>S4</b>  |          |
| 37.501.01                              | <i>Adenostoma sparsifolium</i>                                                                                             | G3?                |            | Y        |
| 37.501.02                              | <i>Adenostoma sparsifolium</i> – <i>Artemisia tridentata</i>                                                               |                    |            | N        |
| 37.501.03                              | <i>Adenostoma sparsifolium</i> – <i>Ceanothus crassifolius</i>                                                             |                    |            | N        |
| 37.501.04                              | <i>Adenostoma sparsifolium</i> – <i>Ceanothus cuneatus</i>                                                                 |                    |            | N        |
| 37.501.06                              | <i>Adenostoma sparsifolium</i> – <i>Ericameria linearifolia</i> – <i>Eriogonum fasciculatum</i> – <i>Opuntia basilaris</i> |                    |            | N        |
| 37.501.07                              | <i>Adenostoma sparsifolium</i> – <i>Eriogonum fasciculatum</i> – <i>Lotus scoparius</i>                                    |                    |            | N        |
| 37.502.01                              | <i>Adenostoma sparsifolium</i> – <i>Cercocarpus montanus</i>                                                               |                    |            | N        |
| 37.503.01                              | <i>Adenostoma sparsifolium</i> – <i>Adenostoma fasciculatum</i> – <i>Cercocarpus montanus</i>                              |                    |            | Y        |
| 37.503.02                              | <i>Adenostoma sparsifolium</i> – <i>Adenostoma fasciculatum</i> – <i>Ceanothus greggii</i>                                 |                    |            | Y        |
| 37.503.03                              | <i>Adenostoma sparsifolium</i> – <i>Adenostoma fasciculatum</i> – <i>Arctostaphylos pungens</i>                            |                    |            | Y        |
| 37.503.04                              | <i>Adenostoma sparsifolium</i> – <i>Adenostoma fasciculatum</i> – <i>Ceanothus crassifolius</i>                            | G3                 | S3         | Y        |
| 37.503.05                              | <i>Adenostoma sparsifolium</i> – <i>Adenostoma fasciculatum</i> – <i>Arctostaphylos glauca</i>                             |                    |            | N        |
| 37.503.06                              | <i>Adenostoma sparsifolium</i> – <i>Adenostoma fasciculatum</i> – <i>Cylindropuntia californica</i> var. <i>parkeri</i>    |                    |            | N        |
| <b><i>Agave deserti</i></b>            |                                                                                                                            |                    |            |          |
| <b>33.075.00</b>                       | <b>Desert agave scrub</b>                                                                                                  | <b>G3</b>          | <b>S3</b>  |          |
| 33.075.01                              | <i>Agave deserti</i> – <i>Ambrosia salsola</i> (wash and terrace)                                                          |                    |            | Y        |
| 33.075.02                              | <i>Agave deserti</i> – <i>Yucca schidigera</i>                                                                             |                    |            | Y        |
| <b><i>Allenrolfea occidentalis</i></b> |                                                                                                                            |                    |            |          |
| <b>36.120.00</b>                       | <b>Iodine bush scrub</b>                                                                                                   | <b>G4</b>          | <b>S3</b>  |          |
| 36.120.01                              | <i>Allenrolfea occidentalis</i> / <i>Distichlis spicata</i>                                                                |                    |            | Y        |
| 36.120.02                              | <i>Allenrolfea occidentalis</i> – <i>Suaeda moquinii</i>                                                                   |                    |            | Y        |
| 36.120.06                              | <i>Allenrolfea occidentalis</i> / <i>Lasthenia gracilis</i>                                                                | Provisional        |            | Y        |
| 36.120.07                              | <i>Allenrolfea occidentalis</i> / ( <i>Frankenia salina</i> – <i>Centromadia</i> spp.)                                     |                    |            | Y        |
| 36.120.08                              | <i>Allenrolfea occidentalis</i> / <i>Sparse</i>                                                                            |                    |            | Y        |
| <b><i>Alnus incana</i></b>             |                                                                                                                            |                    |            |          |
| <b>63.210.00</b>                       | <b>Mountain alder thicket</b>                                                                                              | <b>G4</b>          | <b>S3</b>  |          |
| 63.210.01                              | <i>Alnus incana</i>                                                                                                        |                    |            | Y        |
| 63.210.02                              | <i>Alnus incana</i> / <i>Glyceria elata</i>                                                                                |                    |            | Y        |
| 63.210.03                              | <i>Alnus incana</i> / <i>bench</i>                                                                                         |                    |            | Y        |
| <b><i>Alnus viridis</i></b>            |                                                                                                                            | <b>Provisional</b> |            |          |
| <b>63.220.00</b>                       | <b>Sitka alder thickets</b>                                                                                                | <b>G5</b>          | <b>S3?</b> |          |
| <b><i>Ambrosia dumosa</i></b>          |                                                                                                                            |                    |            |          |
| <b>33.060.00</b>                       | <b>White bursage scrub</b>                                                                                                 | <b>G5</b>          | <b>S5</b>  |          |
| 33.060.01                              | <i>Ambrosia dumosa</i> – <i>Acamptopappus sphaerocephalus</i>                                                              |                    |            | Y        |
| 33.060.02                              | <i>Ambrosia dumosa</i>                                                                                                     |                    |            | Y        |
| 33.060.07                              | <i>Ambrosia dumosa</i> – <i>Ephedra californica</i> / <i>sandy</i>                                                         |                    |            | Y        |

**Primary Life for Shrub**

| CaCode                                                                                            | Name                                                                                                       | Rarity            | Sensitive       |
|---------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|-------------------|-----------------|
| 33.060.09                                                                                         | <i>Ambrosia dumosa</i> – <i>Olneya tesota</i> – <i>Calliandra eriophylla</i>                               |                   | Y               |
| <b><i>Ambrosia salsola</i> – <i>Bebbia juncea</i></b>                                             |                                                                                                            |                   | <b>Alliance</b> |
| <b>33.200.00</b>                                                                                  | <b>Cheesebush – sweetbush scrub</b>                                                                        | <b>G4 S4</b>      |                 |
| 33.200.01                                                                                         | <i>Ambrosia salsola</i>                                                                                    |                   | N               |
| 33.200.02                                                                                         | <i>Ambrosia salsola</i> – <i>Eriogonum fasciculatum</i>                                                    |                   | N               |
| 33.200.04                                                                                         | <i>Ambrosia salsola</i> – <i>Atriplex confertifolia</i>                                                    |                   | N               |
| 33.200.05                                                                                         | <i>Bebbia juncea</i>                                                                                       |                   | N               |
| 33.200.06                                                                                         | <i>Ambrosia salsola</i> – ( <i>Ambrosia eriocentra</i> – <i>Brickellia incana</i> )                        |                   | Y               |
| 33.200.08                                                                                         | <i>Senna armata</i> – <i>Ambrosia salsola</i>                                                              |                   | N               |
| 33.200.09                                                                                         | <i>Ambrosia salsola</i> – <i>Psoralea schottii</i>                                                         |                   | N               |
| 33.200.10                                                                                         | <i>Ambrosia salsola</i> – <i>Larrea tridentata</i>                                                         |                   | N               |
| 33.200.12                                                                                         | <i>Ambrosia eriocentra</i> – <i>Brickellia</i> spp.                                                        | Provisional       | Y               |
| 35.340.04                                                                                         | <i>Brickellia incana</i>                                                                                   | Provisional       | Y               |
| <b><i>Amelanchier utahensis</i> – <i>Cercocarpus montanus</i> – <i>Cercocarpus intricatus</i></b> |                                                                                                            |                   | <b>Alliance</b> |
| <b>76.300.00</b>                                                                                  | <b>Utah serviceberry – birch leaf mountain mahogany – small leaf mountain mahogany scrub</b>               | <b>G4 S3</b>      |                 |
| 76.300.01                                                                                         | <i>Cercocarpus intricatus</i>                                                                              |                   | Y               |
| 76.300.02                                                                                         | <i>Cercocarpus intricatus</i> – <i>Glossopetalon spinescens</i>                                            |                   | Y               |
| 76.300.03                                                                                         | <i>Philadelphus microphyllus</i>                                                                           | Provisional       | Y               |
| 76.300.04                                                                                         | <i>Amelanchier utahensis</i>                                                                               |                   | S1 Y            |
| 76.300.05                                                                                         | <i>Cercocarpus montanus</i> / <i>Pseudoroegneria spicata</i>                                               |                   | Y               |
| <b><i>Amphipappus fremontii</i> – <i>Salvia funerea</i></b>                                       |                                                                                                            |                   | <b>Alliance</b> |
| <b>33.305.00</b>                                                                                  | <b>Fremont's chaffbush – woolly sage scrub</b>                                                             | <b>G3 S3</b>      |                 |
| 33.305.01                                                                                         | <i>Amphipappus fremontii</i> (limestone)                                                                   |                   | Y               |
| 33.305.02                                                                                         | <i>Salvia funerea</i>                                                                                      | Provisional       | Y               |
| <b><i>Arctostaphylos (bakeri, montana)</i></b>                                                    |                                                                                                            |                   | <b>Alliance</b> |
| <b>37.324.00</b>                                                                                  | <b>Baker's or Mt. Tamalpais manzanita chaparral</b>                                                        | <b>G3 S3</b>      |                 |
| 37.307.01                                                                                         | <i>Arctostaphylos montana</i>                                                                              | G2 S2             | Y               |
| 37.307.02                                                                                         | <i>Arctostaphylos montana</i> – <i>Adenostoma fasciculatum</i>                                             | G2 S2             | Y               |
| 37.324.01                                                                                         | <i>Arctostaphylos bakeri</i>                                                                               | Provisional G2 S2 | Y               |
| <b><i>Arctostaphylos (canescens, manzanita, stanfordiana)</i></b>                                 |                                                                                                            |                   | <b>Alliance</b> |
| <b>37.323.00</b>                                                                                  | <b>Hoary, common, and Stanford manzanita chaparral</b>                                                     | <b>G3 S3</b>      |                 |
| 37.311.01                                                                                         | <i>Arctostaphylos canescens</i> – <i>Arctostaphylos glandulosa</i> – <i>Adenostoma fasciculatum</i>        | Provisional       | Y               |
| 37.323.01                                                                                         | <i>Arctostaphylos manzanita</i>                                                                            | G3 S3             | Y               |
| 37.323.02                                                                                         | <i>Arctostaphylos stanfordiana</i>                                                                         | Provisional G3 S3 | Y               |
| 37.323.03                                                                                         | <i>Arctostaphylos canescens</i>                                                                            | Provisional G3 S3 | Y               |
| 37.323.04                                                                                         | <i>Arctostaphylos auriculata</i>                                                                           | Provisional       | Y               |
| <b><i>Arctostaphylos (crustacea, tomentosa)</i></b>                                               |                                                                                                            |                   | <b>Alliance</b> |
| <b>37.308.00</b>                                                                                  | <b>Brittle leaf – woolly leaf manzanita chaparral</b>                                                      | <b>G3 S3</b>      |                 |
| 37.308.03                                                                                         | <i>Arctostaphylos crustacea</i>                                                                            | G3 S3             | Y               |
| 37.308.04                                                                                         | <i>Arctostaphylos crustacea</i> – <i>Adenostoma fasciculatum</i> – <i>Ceanothus (cuneatus, papillosus)</i> |                   | Y               |
| 37.308.05                                                                                         | <i>Arctostaphylos crustacea</i> – <i>Arctostaphylos gabilanensis</i>                                       |                   | Y               |

**Primary Life for Shrub**

| CaCode    | Name                                        | Rarity      | Sensitive |
|-----------|---------------------------------------------|-------------|-----------|
| 37.308.06 | <i>Arctostaphylos confertiflora</i>         | G2 S2       | Y         |
| 37.308.07 | <i>Arctostaphylos insularis</i>             |             | Y         |
| 37.308.08 | <i>Arctostaphylos catalinae</i>             | Provisional | Y         |
| 37.308.09 | <i>Arctostaphylos (andersonii, pallida)</i> | Provisional | Y         |
| 37.320.01 | <i>Arctostaphylos silvicola</i>             |             | Y         |

**Arctostaphylos (nummularia, sensitiva) – Chrysolepis chrysophylla****Alliance****37.340.00 Glossy leaf manzanita - Golden chinquapin chaparral****G2 S2**

|           |                                                                      |             |   |
|-----------|----------------------------------------------------------------------|-------------|---|
| 37.306.03 | <i>Arctostaphylos nummularia</i>                                     | G2 S2       | Y |
| 37.340.01 | <i>Arctostaphylos sensitiva</i>                                      |             | Y |
| 37.340.02 | <i>Arctostaphylos montaraensis</i> – <i>Arctostaphylos imbricata</i> | Provisional | Y |
| 37.340.03 | <i>Arctostaphylos glutinosa</i>                                      | Provisional | Y |
| 37.417.01 | <i>Chrysolepis chrysophylla</i> / <i>Vaccinium ovatum</i>            |             | Y |
| 37.417.02 | <i>Chrysolepis chrysophylla</i> – <i>Arctostaphylos glandulosa</i>   |             | Y |

**Arctostaphylos (purissima, rudis)****Special Stands****37.322.00 Burton Mesa chaparral****G1 S1****Arctostaphylos glandulosa****Alliance****37.302.00 Eastwood manzanita chaparral****G4 S4**

|           |                                                                                                   |        |   |
|-----------|---------------------------------------------------------------------------------------------------|--------|---|
| 37.106.01 | <i>Arctostaphylos glandulosa</i> – <i>Adenostoma fasciculatum</i> – <i>Cercocarpus montanus</i>   |        | N |
| 37.106.02 | <i>Arctostaphylos glandulosa</i> – <i>Adenostoma fasciculatum</i> – <i>Ceanothus leucodermis</i>  |        | N |
| 37.106.03 | <i>Arctostaphylos glandulosa</i> – <i>Adenostoma fasciculatum</i> – <i>Ceanothus greggii</i>      |        | N |
| 37.106.04 | <i>Arctostaphylos glandulosa</i> – <i>Adenostoma fasciculatum</i> – <i>Ceanothus crassifolius</i> |        | N |
| 37.106.05 | <i>Arctostaphylos glandulosa</i> – <i>Adenostoma fasciculatum</i> / mafic soils                   |        | Y |
| 37.106.07 | <i>Arctostaphylos glandulosa</i> – <i>Adenostoma fasciculatum</i> – <i>Ceanothus cuneatus</i>     |        | N |
| 37.106.10 | <i>Arctostaphylos glandulosa</i> – <i>Adenostoma fasciculatum</i> – <i>Quercus wislizeni</i>      | G3 S3? | Y |
| 37.106.11 | <i>Arctostaphylos glandulosa</i> – <i>Adenostoma fasciculatum</i> – <i>Quercus berberidifolia</i> |        | N |
| 37.106.12 | <i>Arctostaphylos glandulosa</i> – <i>Adenostoma fasciculatum</i> – <i>Arctostaphylos glauca</i>  |        | N |
| 37.106.13 | <i>Arctostaphylos glandulosa</i> – <i>Adenostoma fasciculatum</i>                                 |        | N |
| 37.106.14 | <i>Arctostaphylos glandulosa</i> – <i>Adenostoma fasciculatum</i> – <i>Chamaebatia australis</i>  |        | Y |
| 37.302.01 | <i>Arctostaphylos glandulosa</i>                                                                  | G3G4   | Y |
| 37.302.02 | <i>Arctostaphylos glandulosa</i> ssp. <i>adamsii</i>                                              |        | Y |
| 37.302.03 | <i>Arctostaphylos glandulosa</i> – <i>Cercocarpus montanus</i>                                    |        | N |
| 37.302.04 | <i>Arctostaphylos glandulosa</i> – <i>Quercus wislizeni</i>                                       | G3 S3? | Y |
| 37.302.07 | <i>Arctostaphylos glandulosa</i> – <i>Arctostaphylos pringlei</i>                                 |        | Y |

**Arctostaphylos glauca****Alliance****37.301.00 Bigberry manzanita chaparral****G4 S4**

**Primary Life for Shrub**

| CaCode                                                                 | Name                                                                                          | Rarity             | Sensitive       |
|------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|--------------------|-----------------|
| 37.104.01                                                              | <i>Arctostaphylos glauca</i> – <i>Adenostoma fasciculatum</i>                                 | G5 S4              | N               |
| 37.104.02                                                              | <i>Arctostaphylos glauca</i> – <i>Adenostoma fasciculatum</i> – <i>Ceanothus leucodermis</i>  |                    | N               |
| 37.104.03                                                              | <i>Arctostaphylos glauca</i> – <i>Adenostoma fasciculatum</i> – <i>Hesperoyucca whipplei</i>  |                    | N               |
| 37.104.04                                                              | <i>Arctostaphylos glauca</i> – <i>Adenostoma fasciculatum</i> – <i>Ceanothus greggii</i>      |                    | N               |
| 37.104.05                                                              | <i>Arctostaphylos glauca</i> – <i>Adenostoma fasciculatum</i> – <i>Ceanothus crassifolius</i> |                    | N               |
| 37.104.06                                                              | <i>Arctostaphylos glauca</i> – <i>Adenostoma fasciculatum</i> – <i>Quercus berberidifolia</i> |                    | N               |
| 37.104.07                                                              | <i>Arctostaphylos glauca</i> – <i>Adenostoma fasciculatum</i> – <i>Ceanothus cuneatus</i>     |                    | N               |
| 37.104.08                                                              | <i>Arctostaphylos glauca</i> – <i>Adenostoma fasciculatum</i> – <i>Diplacus aurantiacus</i>   |                    | N               |
| 37.104.09                                                              | <i>Arctostaphylos glauca</i> – <i>Adenostoma fasciculatum</i> – <i>Rhus ovata</i>             |                    | N               |
| 37.104.10                                                              | <i>Arctostaphylos glauca</i> – <i>Adenostoma fasciculatum</i> – <i>Salvia mellifera</i>       |                    | N               |
| 37.104.11                                                              | <i>Arctostaphylos glauca</i> – <i>Adenostoma fasciculatum</i> on serpentine                   | G3 S3              | Y               |
| 37.301.01                                                              | <i>Arctostaphylos glauca</i>                                                                  | G3G S3S<br>4 4     | Y               |
| 37.301.02                                                              | <i>Arctostaphylos glauca</i> / <i>Melica torreyana</i>                                        |                    | Y               |
| 37.301.03                                                              | <i>Arctostaphylos glauca</i> – <i>Artemisia californica</i> – <i>Salvia mellifera</i>         |                    | N               |
| 37.301.04                                                              | <i>Arctostaphylos glauca</i> – <i>Quercus durata</i> / <i>Pinus sabiniana</i>                 | G3 S3              | Y               |
| 37.301.05                                                              | <i>Arctostaphylos glauca</i> – <i>Cercocarpus montanus</i>                                    |                    | N               |
| 37.301.06                                                              | <i>Arctostaphylos glauca</i> – <i>Quercus john-tuckeri</i>                                    | Provisional        | Y               |
| <b><i>Arctostaphylos hookeri</i></b>                                   |                                                                                               | <b>Provisional</b> | <b>Alliance</b> |
| 37.321.00                                                              | Hooker's manzanita chaparral                                                                  | G2 S2              |                 |
| <b><i>Arctostaphylos hooveri</i></b>                                   |                                                                                               |                    | <b>Alliance</b> |
| 37.312.00                                                              | Hoover's manzanita chaparral                                                                  | G2 S2              |                 |
| 37.312.01                                                              | <i>Arctostaphylos hooveri</i>                                                                 |                    | Y               |
| <b><i>Arctostaphylos montereyensis</i></b>                             |                                                                                               | <b>Provisional</b> | <b>Alliance</b> |
| 37.314.00                                                              | Monterey manzanita chaparral                                                                  | G1 S1              |                 |
| <b><i>Arctostaphylos morroensis</i></b>                                |                                                                                               |                    | <b>Alliance</b> |
| 37.315.00                                                              | Morro manzanita chaparral                                                                     | G1 S1              |                 |
| 37.315.01                                                              | <i>Arctostaphylos morroensis</i>                                                              | Provisional        | Y               |
| <b><i>Arctostaphylos myrtifolia</i></b>                                |                                                                                               |                    | <b>Alliance</b> |
| 37.304.00                                                              | lone manzanita chaparral                                                                      | G1 S1              |                 |
| 37.304.01                                                              | <i>Arctostaphylos myrtifolia</i>                                                              |                    | Y               |
| <b><i>Arctostaphylos pajaroensis</i></b>                               |                                                                                               |                    | <b>Alliance</b> |
| 37.316.00                                                              | Pajaro manzanita chaparral                                                                    | G1 S1              |                 |
| 37.316.01                                                              | <i>Arctostaphylos pajaroensis</i>                                                             |                    | Y               |
| <b><i>Arctostaphylos patula</i> – <i>Arctostaphylos nevadensis</i></b> |                                                                                               |                    | <b>Alliance</b> |
| 37.303.00                                                              | Green leaf manzanita – Pinemat manzanita chaparral                                            | G5 S3S4            |                 |
| 37.303.01                                                              | <i>Arctostaphylos patula</i>                                                                  | G5?                | N               |

**Primary Life for Shrub**

| CaCode                                                                | Name                                                                                            | Rarity             | Sensitive       |
|-----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|--------------------|-----------------|
| 37.303.02                                                             | <i>Arctostaphylos patula</i> – <i>Quercus vacciniifolia</i>                                     |                    | N               |
| 37.303.03                                                             | <i>Arctostaphylos nevadensis</i>                                                                |                    | N               |
| 37.303.04                                                             | <i>Arctostaphylos patula</i> – <i>Ceanothus velutinus</i> – <i>Ceanothus prostratus</i>         | G3                 | Y               |
| 37.303.05                                                             | <i>Arctostaphylos</i> spp. – <i>Ceanothus fresnensis</i>                                        | Provisional        | Y               |
| <b><i>Arctostaphylos pumila</i></b>                                   |                                                                                                 | <b>Provisional</b> | <b>Alliance</b> |
| <b>37.318.00</b>                                                      | <b>Sandmat manzanita chaparral</b>                                                              | <b>G1 S1</b>       |                 |
| <b><i>Arctostaphylos pungens</i> – <i>Arctostaphylos pringlei</i></b> |                                                                                                 |                    | <b>Alliance</b> |
| <b>37.310.00</b>                                                      | <b>Pointleaf manzanita – pink-bract manzanita chaparral</b>                                     | <b>G4 S3</b>       |                 |
| 37.310.01                                                             | <i>Arctostaphylos pringlei</i> ssp. <i>drupacea</i> – <i>Arctostaphylos pungens</i>             |                    | Y               |
| 37.310.02                                                             | <i>Arctostaphylos pringlei</i> ssp. <i>drupacea</i>                                             |                    | Y               |
| 37.310.03                                                             | <i>Adenostoma fasciculatum</i> – <i>Arctostaphylos pringlei</i>                                 |                    | Y               |
| 37.310.04                                                             | <i>Arctostaphylos parryana</i>                                                                  | Provisional        | Y               |
| <b><i>Arctostaphylos viscida</i></b>                                  |                                                                                                 |                    | <b>Alliance</b> |
| <b>37.305.00</b>                                                      | <b>Whiteleaf manzanita chaparral</b>                                                            | <b>G4 S4</b>       |                 |
| 37.305.01                                                             | <i>Arctostaphylos viscida</i>                                                                   |                    | N               |
| 37.305.02                                                             | <i>Arctostaphylos viscida</i> – <i>Adenostoma fasciculatum</i>                                  |                    | N               |
| 37.305.03                                                             | <i>Arctostaphylos viscida</i> / <i>Salvia sonomensis</i> – <i>Carex (brainerdi, xerophilla)</i> | Provisional        | Y               |
| 37.305.04                                                             | ( <i>Arctostaphylos viscida</i> – <i>Adenostoma fasciculatum</i> ) / <i>Salvia sonomensis</i>   |                    | Y               |
| 37.305.06                                                             | <i>Arctostaphylos viscida</i> ssp. <i>pulchella</i>                                             |                    | N               |
| 37.305.07                                                             | <i>Arctostaphylos viscida</i> – <i>Quercus wislizeni</i>                                        |                    | N               |
| 37.305.08                                                             | <i>Arctostaphylos viscida</i> – <i>Ceanothus jepsonii</i>                                       | Provisional        | Y               |
| <b><i>Artemisia arbuscula</i> ssp. <i>arbuscula</i></b>               |                                                                                                 |                    | <b>Alliance</b> |
| <b>35.120.00</b>                                                      | <b>Little sagebrush scrub</b>                                                                   | <b>G5 S4</b>       |                 |
| 35.120.01                                                             | <i>Artemisia arbuscula</i> / <i>Trifolium andersonii</i> ssp. <i>monoense</i>                   |                    | Y               |
| 35.120.03                                                             | <i>Artemisia arbuscula</i> / <i>Festuca idahoensis</i>                                          | S3                 | Y               |
| 35.120.04                                                             | <i>Artemisia arbuscula</i> / <i>Linanthus pungens</i>                                           | G4?                | N               |
| 35.120.05                                                             | <i>Artemisia arbuscula</i> – <i>Eriogonum (microthecum, sphaerocephalum)</i>                    | G2G 3?             | Y               |
| 35.120.06                                                             | <i>Artemisia arbuscula</i> / <i>Carex exserta</i>                                               |                    | N               |
| 35.120.07                                                             | <i>Artemisia arbuscula</i>                                                                      |                    | N               |
| 35.120.08                                                             | <i>Artemisia arbuscula</i> / <i>Castilleja applegatei</i>                                       |                    | N               |
| 35.120.09                                                             | <i>Artemisia arbuscula</i> / <i>Castilleja schizotricha</i>                                     |                    | N               |
| 35.120.10                                                             | <i>Artemisia arbuscula</i> / <i>Eriogonum nudum</i> – <i>Monardella odoratissima</i>            |                    | N               |
| 35.120.13                                                             | <i>Artemisia arbuscula</i> / <i>Bromus</i> spp. – <i>Elymus caput-medusae</i>                   | GNA SNA            | N               |
| 35.120.14                                                             | <i>Artemisia arbuscula</i> / <i>Poa secunda</i>                                                 |                    | Y               |
| 35.120.15                                                             | <i>Artemisia arbuscula</i> (ssp. <i>longiloba</i> ) / <i>Stenotus acaulis</i>                   |                    | N               |
| <b><i>Artemisia californica</i> – (<i>Salvia leucophylla</i>)</b>     |                                                                                                 |                    | <b>Alliance</b> |
| <b>32.015.00</b>                                                      | <b>California sagebrush – (purple sage) scrub</b>                                               | <b>G5 S5</b>       |                 |
| 32.010.01                                                             | <i>Artemisia californica</i>                                                                    | G4 S4              | N               |
| 32.010.02                                                             | <i>Artemisia californica</i> – <i>Lotus scoparius</i>                                           |                    | N               |
| 32.010.03                                                             | <i>Artemisia californica</i> – <i>Keckiella cordifolia</i>                                      |                    | N               |
| 32.010.07                                                             | <i>Artemisia californica</i> – <i>Eriogonum cinereum</i>                                        | G4 S4              | N               |

California Natural Community

**Primary Life for Shrub**

| CaCode                             | Name                                                                                                               | Rarity       | Sensitive       |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------|--------------|-----------------|
| 32.010.09                          | <i>Artemisia californica</i> – <i>Lepidospartum squamatum</i>                                                      | G3 S3        | Y               |
| 32.010.11                          | <i>Artemisia californica</i> – <i>Diplacus aurantiacus</i>                                                         | G3 S3        | Y               |
| 32.010.12                          | <i>Artemisia californica</i> / <i>Amsinckia menziesii</i>                                                          |              | N               |
| 32.010.14                          | <i>Artemisia californica</i> – ( <i>Salvia leucophylla</i> ) / <i>Leymus condensatus</i>                           | G3 S3        | Y               |
| 32.010.16                          | <i>Artemisia californica</i> – <i>Opuntia littoralis</i>                                                           | Provisional  | Y               |
| 32.010.18                          | <i>Artemisia californica</i> – <i>Cleome isomeris</i>                                                              | Provisional  | Y               |
| 32.010.19                          | <i>Artemisia californica</i> – <i>Salvia brandegeei</i>                                                            |              | Y               |
| 32.010.20                          | <i>Artemisia californica</i> / <i>Nassella (pulchra)</i>                                                           |              | Y               |
| 32.090.01                          | <i>Salvia leucophylla</i> – <i>Artemisia californica</i>                                                           | G4 S4        | N               |
| 32.090.02                          | <i>Salvia leucophylla</i> – <i>Malosma laurina</i>                                                                 |              | N               |
| 32.090.03                          | <i>Salvia leucophylla</i>                                                                                          | G4 S4        | N               |
| 32.090.04                          | <i>Artemisia californica</i> – <i>Salvia leucophylla</i> – <i>Eriogonum cinereum</i> / <i>Nassella</i> spp.        | G3 S3        | Y               |
| 32.090.05                          | <i>Salvia leucophylla</i> – <i>Eriogonum cinereum</i> / annual herb                                                | G3 S3        | Y               |
| 32.110.01                          | <i>Artemisia californica</i> – <i>Eriogonum fasciculatum</i> – <i>Rhus ovata</i>                                   |              | N               |
| 32.110.02                          | <i>Artemisia californica</i> – <i>Eriogonum fasciculatum</i> – <i>Salvia apiana</i>                                |              | N               |
| 32.110.03                          | ( <i>Artemisia californica</i> ) – <i>Eriogonum fasciculatum</i> – <i>Salvia leucophylla</i>                       | G3 S3        | Y               |
| 32.110.04                          | <i>Artemisia californica</i> – <i>Eriogonum fasciculatum</i> – <i>Salvia mellifera</i>                             | G3 S3?       | Y               |
| 32.110.05                          | <i>Artemisia californica</i> – <i>Eriogonum fasciculatum</i>                                                       | G4 S4        | N               |
| 32.110.07                          | <i>Artemisia californica</i> – <i>Eriogonum fasciculatum</i> – <i>Ephedra californica</i>                          | G3 S3        | Y               |
| 32.110.08                          | <i>Artemisia californica</i> – <i>Eriogonum fasciculatum</i> – <i>Opuntia littoralis</i> / <i>Dudleya (edulis)</i> | G3 S2        | Y               |
| 32.110.09                          | <i>Artemisia californica</i> – <i>Eriogonum fasciculatum</i> – <i>Viguiera laciniata</i>                           |              | Y               |
| <b><i>Artemisia cana</i></b>       |                                                                                                                    |              | <b>Alliance</b> |
| <b>35.150.00</b>                   | <b>Silver sagebrush wet shrubland</b>                                                                              | <b>G5 S3</b> |                 |
| 35.150.04                          | <i>Artemisia cana</i> / <i>Juncus arcticus</i> var. <i>balticus</i>                                                |              | Y               |
| 35.150.06                          | <i>Artemisia cana</i> – <i>Muhlenbergia richardsonis</i>                                                           |              | Y               |
| 35.150.08                          | <i>Artemisia cana</i> (ssp. <i>bolanderi</i> , ssp. <i>viscidula</i> ) / <i>Poa secunda</i>                        |              | Y               |
| <b><i>Artemisia nova</i></b>       |                                                                                                                    |              | <b>Alliance</b> |
| <b>35.130.00</b>                   | <b>Black sagebrush scrub</b>                                                                                       | <b>G4 S3</b> |                 |
| 35.130.01                          | <i>Artemisia nova</i>                                                                                              | G3G<br>5     | Y               |
| 35.130.03                          | <i>Artemisia nova</i> – <i>Ambrosia salsola</i>                                                                    |              | Y               |
| 35.130.04                          | <i>Artemisia nova</i> / <i>Poa secunda</i>                                                                         |              | Y               |
| <b><i>Artemisia rothrockii</i></b> |                                                                                                                    |              | <b>Alliance</b> |
| <b>35.140.00</b>                   | <b>Rothrock's sagebrush</b>                                                                                        | <b>G3 S3</b> |                 |
| 35.140.01                          | <i>Artemisia rothrockii</i> / <i>Penstemon heterodoxus</i>                                                         |              | Y               |
| 35.140.02                          | <i>Artemisia rothrockii</i> / <i>Monardella odoratissima</i>                                                       | G3?          | Y               |
| <b><i>Artemisia tridentata</i></b> |                                                                                                                    |              | <b>Alliance</b> |
| <b>35.110.00</b>                   | <b>Big sagebrush</b>                                                                                               | <b>G5 S5</b> |                 |
| 35.110.01                          | <i>Artemisia tridentata</i> – <i>Ericameria nauseosa</i>                                                           |              | N               |
| 35.110.02                          | <i>Artemisia tridentata</i>                                                                                        |              | N               |
| 35.110.04                          | <i>Artemisia tridentata</i> – <i>Symphoricarpos longiflorus</i>                                                    |              | N               |
| 35.110.09                          | <i>Artemisia tridentata</i> – <i>Eriogonum fasciculatum</i>                                                        |              | N               |
| 35.110.10                          | <i>Artemisia tridentata</i> – <i>Eriogonum wrightii</i>                                                            |              | N               |
| 35.110.12                          | <i>Artemisia tridentata</i> – <i>Chrysothamnus viscidiflorus</i> / ( <i>Poa secunda</i> )                          |              | N               |

**Primary Life for Shrub**

| CaCode                                                  | Name                                                                                                           |             | Rarity       | Sensitive       |
|---------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|-------------|--------------|-----------------|
| 35.110.13                                               | <i>Artemisia tridentata</i> – <i>Ephedra nevadensis</i>                                                        |             |              | N               |
| 35.110.14                                               | <i>Artemisia tridentata</i> – <i>Ericameria teretifolia</i>                                                    |             |              | N               |
| 35.110.15                                               | <i>Artemisia tridentata</i> – <i>Purshia tridentata</i> / <i>Hesperostipa comata</i>                           |             |              | N               |
| 35.110.16                                               | <i>Artemisia tridentata</i> ssp. <i>parishii</i>                                                               | Provisional | G2 S2        | Y               |
| 35.110.17                                               | <i>Artemisia tridentata</i> / <i>Pleuraphis jamesii</i>                                                        |             |              | Y               |
| 35.110.18                                               | <i>Artemisia tridentata</i> – ( <i>Ericameria nauseosa</i> ) / <i>Bromus tectorum</i>                          |             |              | N               |
| 35.110.19                                               | <i>Artemisia tridentata</i> / <i>Distichlis spicata</i>                                                        | Provisional | S3           | Y               |
| 35.110.20                                               | <i>Artemisia tridentata</i> – <i>Ceanothus cuneatus</i>                                                        | Provisional |              | Y               |
| <b><i>Artemisia tridentata</i> ssp. <i>vaseyana</i></b> |                                                                                                                |             |              | <b>Alliance</b> |
| <b>35.111.00</b>                                        | <b>Mountain big sagebrush</b>                                                                                  |             | <b>G4 S4</b> |                 |
| 33.285.01                                               | <i>Artemisia tridentata</i> ssp. <i>vaseyana</i> – <i>Ephedra viridis</i>                                      |             |              | N               |
| 35.111.01                                               | <i>Artemisia tridentata</i> ssp. <i>vaseyana</i> / <i>Carex exserta</i>                                        |             |              | N               |
| 35.111.02                                               | <i>Artemisia tridentata</i> ssp. <i>vaseyana</i>                                                               |             |              | N               |
| 35.111.03                                               | <i>Artemisia tridentata</i> ssp. <i>vaseyana</i> – <i>Purshia tridentata</i> / <i>Festuca idahoensis</i>       |             |              | N               |
| 35.111.04                                               | <i>Artemisia tridentata</i> ssp. <i>vaseyana</i> / <i>Monardella odoratissima</i>                              |             |              | N               |
| 35.111.05                                               | <i>Artemisia tridentata</i> (ssp. <i>vaseyana</i> ) – <i>Salvia dorrii</i> – <i>Chamaebatiaria millefolium</i> |             | S3           | Y               |
| 35.111.06                                               | <i>Artemisia tridentata</i> ssp. <i>vaseyana</i> – <i>Symphoricarpos oreophilus</i> / <i>Bromus carinatus</i>  |             |              | N               |
| 35.111.07                                               | <i>Artemisia tridentata</i> ssp. <i>vaseyana</i> / <i>Festuca idahoensis</i>                                   |             | S3           | Y               |
| 35.111.08                                               | <i>Symphoricarpos oreophilus</i>                                                                               |             |              | N               |
| 35.111.09                                               | <i>Artemisia tridentata</i> ssp. <i>spiciformis</i>                                                            | Provisional |              | Y               |
| <b><i>Atriplex canescens</i></b>                        |                                                                                                                |             |              | <b>Alliance</b> |
| <b>36.310.00</b>                                        | <b>Fourwing saltbush scrub</b>                                                                                 |             | <b>G5 S4</b> |                 |
| 36.310.01                                               | <i>Atriplex canescens</i>                                                                                      |             | G5           | N               |
| 36.310.02                                               | <i>Atriplex canescens</i> – <i>Krascheninnikovia lanata</i>                                                    |             |              | N               |
| 36.310.03                                               | <i>Atriplex canescens</i> / herbaceous                                                                         |             |              | Y               |
| 36.310.04                                               | <i>Atriplex canescens</i> Desert Wash                                                                          |             |              | N               |
| <b><i>Atriplex confertifolia</i></b>                    |                                                                                                                |             |              | <b>Alliance</b> |
| <b>36.320.00</b>                                        | <b>Shadscale scrub</b>                                                                                         |             | <b>G5 S4</b> |                 |
| 36.320.02                                               | <i>Atriplex confertifolia</i> – <i>Ephedra nevadensis</i>                                                      |             | G5           | N               |
| 36.320.03                                               | <i>Atriplex confertifolia</i> – <i>Ambrosia dumosa</i>                                                         |             |              | N               |
| 36.320.06                                               | <i>Atriplex confertifolia</i> – <i>Atriplex canescens</i>                                                      | Provisional |              | N               |
| 36.320.07                                               | <i>Atriplex confertifolia</i> – <i>Lycium andersonii</i>                                                       |             | G3           | Y               |
| 36.320.08                                               | <i>Atriplex confertifolia</i> – <i>Krascheninnikovia lanata</i>                                                |             | G3G<br>5     | Y               |
| 36.320.10                                               | <i>Atriplex confertifolia</i> Great Basin                                                                      |             |              | N               |
| 36.320.13                                               | <i>Atriplex confertifolia</i> – <i>Lepidium fremontii</i>                                                      |             |              | Y               |
| 36.320.14                                               | <i>Atriplex confertifolia</i> – <i>Picrothamnus desertorum</i>                                                 |             |              | Y               |
| 36.340.01                                               | <i>Atriplex confertifolia</i> – <i>Atriplex polycarpa</i>                                                      |             |              | N               |
| <b><i>Atriplex hymenelytra</i></b>                      |                                                                                                                |             |              | <b>Alliance</b> |
| <b>36.330.00</b>                                        | <b>Desert holly scrub</b>                                                                                      |             | <b>G5 S4</b> |                 |
| 36.330.01                                               | <i>Atriplex hymenelytra</i>                                                                                    |             | G5           | N               |
| 36.330.02                                               | <i>Atriplex hymenelytra</i> – <i>Ambrosia dumosa</i>                                                           |             |              | N               |
| 36.330.03                                               | <i>Atriplex hymenelytra</i> – <i>Larrea tridentata</i>                                                         |             | G4 S3        | Y               |

**Primary Life for Shrub**

| CaCode                                                        | Name                                                                                                               | Rarity       | Sensitive       |
|---------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|--------------|-----------------|
| 36.330.04                                                     | <i>Atriplex hymenelytra</i> – <i>Tidestromia oblongifolia</i>                                                      |              | N               |
| 36.330.07                                                     | <i>Hoffmannseggia microphylla</i>                                                                                  | Provisional  | Y               |
| 36.330.08                                                     | <i>Atriplex hymenelytra</i> Sparse                                                                                 |              | N               |
| <b><i>Atriplex lentiformis</i></b>                            |                                                                                                                    |              | <b>Alliance</b> |
| <b>36.370.00</b>                                              | <b>Quailbush scrub</b>                                                                                             | <b>G4 S4</b> |                 |
| 36.370.01                                                     | <i>Atriplex lentiformis</i>                                                                                        |              | N               |
| 36.370.04                                                     | <i>Atriplex torreyi</i>                                                                                            |              | Y               |
| 36.370.05                                                     | <i>Atriplex torreyi</i> / <i>Distichlis spicata</i> – <i>Sporobolus airoides</i>                                   | Provisional  | Y               |
| <b><i>Atriplex polycarpa</i></b>                              |                                                                                                                    |              | <b>Alliance</b> |
| <b>36.340.00</b>                                              | <b>Allscale scrub</b>                                                                                              | <b>G4 S4</b> |                 |
| 36.340.04                                                     | <i>Atriplex polycarpa</i>                                                                                          |              | N               |
| 36.340.05                                                     | <i>Atriplex polycarpa</i> sparse playa                                                                             |              | N               |
| 36.340.06                                                     | <i>Atriplex polycarpa</i> / Annual herbaceous                                                                      | G4 S4        | N               |
| <b><i>Atriplex spinifera</i></b>                              |                                                                                                                    |              | <b>Alliance</b> |
| <b>36.350.00</b>                                              | <b>Spinescale scrub</b>                                                                                            | <b>G4 S4</b> |                 |
| 36.350.01                                                     | <i>Atriplex spinifera</i>                                                                                          |              | Y               |
| 36.350.02                                                     | <i>Atriplex spinifera</i> / herbaceous                                                                             | G3 S3        | Y               |
| 36.350.03                                                     | <i>Atriplex spinifera</i> – <i>Picrothamnus desertorum</i>                                                         |              | Y               |
| <b><i>Baccharis emoryi</i> – <i>Baccharis sergiloides</i></b> |                                                                                                                    |              | <b>Alliance</b> |
| <b>63.550.00</b>                                              | <b>Emory's and Broom baccharis scrub</b>                                                                           | <b>G4 S3</b> |                 |
| 63.520.01                                                     | <i>Baccharis emoryi</i>                                                                                            | Provisional  | Y               |
| 63.530.02                                                     | <i>Baccharis sergiloides</i> – <i>Prunus fasciculata</i> – <i>Rhus trilobata</i>                                   |              | Y               |
| 63.530.03                                                     | <i>Baccharis sergiloides</i> / ( <i>Muhlenbergia rigens</i> – <i>Typha domingensis</i> )                           |              | Y               |
| 63.550.01                                                     | <i>Baccharis sergiloides</i>                                                                                       |              | Y               |
| <b><i>Baccharis pilularis</i></b>                             |                                                                                                                    |              | <b>Alliance</b> |
| <b>32.060.00</b>                                              | <b>Coyote brush scrub</b>                                                                                          | <b>G5 S5</b> |                 |
| 32.060.01                                                     | <i>Baccharis pilularis</i> / <i>Eriophyllum staechadifolium</i>                                                    | G3 S3        | Y               |
| 32.060.02                                                     | <i>Baccharis pilularis</i> / <i>Deschampsia cespitosa</i>                                                          | G2 S1        | Y               |
| 32.060.03                                                     | <i>Baccharis pilularis</i> / <i>Leymus triticoides</i>                                                             |              | Y               |
| 32.060.05                                                     | <i>Baccharis pilularis</i> – <i>Artemisia californica</i>                                                          | G5 S5        | N               |
| 32.060.08                                                     | <i>Baccharis pilularis</i> / <i>Scrophularia californica</i>                                                       |              | N               |
| 32.060.11                                                     | <i>Baccharis pilularis</i> / <i>Danthonia californica</i>                                                          | G2 S2        | Y               |
| 32.060.13                                                     | <i>Baccharis pilularis</i> / <i>Carex obnupta</i> – <i>Juncus patens</i>                                           | G3 S3?       | Y               |
| 32.060.14                                                     | <i>Baccharis pilularis</i> – <i>Ceanothus thyrsiflorus</i>                                                         | G3 S3?       | Y               |
| 32.060.17                                                     | <i>Baccharis pilularis</i> – <i>Toxicodendron diversilobum</i>                                                     | G5 S5?       | N               |
| 32.060.20                                                     | <i>Baccharis pilularis</i> / Annual grass – herb                                                                   | G5 S5        | N               |
| 32.060.21                                                     | <i>Baccharis pilularis</i> / ( <i>Nassella pulchra</i> – <i>Elymus glaucus</i> – <i>Bromus carinatus</i> )         | G3 S3        | Y               |
| 32.060.23                                                     | <i>Baccharis pilularis</i>                                                                                         | G4           | N               |
| 32.060.27                                                     | <i>Baccharis pilularis</i> – <i>Salvia mellifera</i>                                                               |              | N               |
| 32.060.30                                                     | <i>Baccharis pilularis</i> – ( <i>Frangula californica</i> ) – <i>Rubus</i> spp.                                   |              | N               |
| 32.060.31                                                     | <i>Garrya elliptica</i>                                                                                            | Provisional  | Y               |
| 37.920.01                                                     | <i>Frangula californica</i> ssp. <i>californica</i> – <i>Baccharis pilularis</i> / <i>Scrophularia californica</i> | G4 S4        | N               |

**Primary Life for Shrub**

| CaCode                                                                                       | Name                                                                                      | Rarity             | Sensitive             |
|----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------|-----------------------|
| <b><i>Baccharis salicifolia</i></b>                                                          |                                                                                           |                    | <b>Alliance</b>       |
| <b>63.510.00</b>                                                                             | <b>Mulefat thickets</b>                                                                   | <b>G5 S4</b>       |                       |
| 63.510.01                                                                                    | <i>Baccharis salicifolia</i>                                                              | G5 S5              | N                     |
| 63.510.02                                                                                    | <i>Baccharis salicifolia</i> – <i>Lepidospartum squamatum</i> – <i>Hazardia squarrosa</i> | G3 S3              | Y                     |
| 63.510.03                                                                                    | <i>Baccharis salicifolia</i> – <i>Sambucus nigra</i>                                      |                    | N                     |
| 63.510.04                                                                                    | <i>Baccharis salicifolia</i> / <i>Stachys albens</i>                                      |                    | N                     |
| 63.510.05                                                                                    | <i>Baccharis salicifolia</i> – <i>Arundo donax</i>                                        |                    | N                     |
| 63.510.06                                                                                    | <i>Baccharis salicifolia</i> – <i>Pluchea sericea</i>                                     |                    | N                     |
| 63.510.07                                                                                    | <i>Baccharis salicifolia</i> – <i>Tamarix ramosissima</i>                                 |                    | N                     |
| <b><i>Betula glandulosa</i></b>                                                              |                                                                                           | <b>Provisional</b> | <b>Alliance</b>       |
| <b>63.620.00</b>                                                                             | <b>Resin birch thickets</b>                                                               | <b>G5 S2?</b>      |                       |
| <b><i>Betula occidentalis</i></b>                                                            |                                                                                           |                    | <b>Alliance</b>       |
| <b>63.610.00</b>                                                                             | <b>Water birch thicket</b>                                                                | <b>G4 S3</b>       |                       |
| 63.610.01                                                                                    | <i>Betula occidentalis</i> / <i>Salix</i> spp.                                            |                    | Y                     |
| 63.610.02                                                                                    | <i>Betula occidentalis</i> / <i>Mesic graminoids</i>                                      |                    | Y                     |
| <b><i>Carnegiea gigantea</i> – <i>Parkinsonia microphylla</i> – <i>Prosopis velutina</i></b> |                                                                                           | <b>Provisional</b> | <b>Alliance</b>       |
| <b>33.150.00</b>                                                                             | <b>Saguaro – foothill palo verde – velvet mesquite desert scrub</b>                       | <b>G4 S2</b>       |                       |
| 33.150.01                                                                                    | <i>Parkinsonia microphylla</i> – <i>Larrea tridentata</i>                                 | Provisional G4 S2  | Y                     |
| <b><i>Cassiope mertensiana</i></b>                                                           |                                                                                           | <b>Provisional</b> | <b>Alliance</b>       |
| <b>91.126.00</b>                                                                             | <b>White mountain heather heath</b>                                                       | <b>G5 S3?</b>      |                       |
| <b><i>Castela emoryi</i></b>                                                                 |                                                                                           |                    | <b>Special Stands</b> |
| <b>33.110.00</b>                                                                             | <b>Crucifixion thorn stands</b>                                                           | <b>G2 S1</b>       |                       |
| <b><i>Ceanothus (oliganthus, tomentosus)</i></b>                                             |                                                                                           |                    | <b>Alliance</b>       |
| <b>37.207.00</b>                                                                             | <b>Hairy leaf - woolly leaf ceanothus chaparral</b>                                       | <b>G3 S3</b>       |                       |
| 37.207.01                                                                                    | <i>Ceanothus oliganthus</i>                                                               | G4 S4              | N                     |
| 37.207.02                                                                                    | <i>Ceanothus oliganthus</i> – <i>Adenostoma fasciculatum</i>                              |                    | Y                     |
| 37.207.03                                                                                    | <i>Ceanothus oliganthus</i> – <i>Adenostoma fasciculatum</i> – <i>Xylococcus bicolor</i>  |                    | Y                     |
| 37.207.04                                                                                    | <i>Ceanothus oliganthus</i> – <i>Adenostoma sparsifolium</i>                              | G2 S2              | Y                     |
| 37.207.05                                                                                    | <i>Ceanothus oliganthus</i> – <i>Arctostaphylos glandulosa</i>                            |                    | Y                     |
| 37.207.06                                                                                    | <i>Ceanothus oliganthus</i> – <i>Eriodictyon crassifolium</i>                             |                    | Y                     |
| 37.207.07                                                                                    | <i>Ceanothus oliganthus</i> – <i>Heteromeles arbutifolia</i> – <i>Rhus ovata</i>          | G4                 | Y                     |
| 37.207.08                                                                                    | <i>Ceanothus oliganthus</i> – <i>Quercus berberidifolia</i>                               | G3 S3              | Y                     |
| 37.207.09                                                                                    | <i>Ceanothus tomentosus</i>                                                               | G3 S3              | Y                     |
| 37.207.10                                                                                    | <i>Ceanothus cyaneus</i>                                                                  | Provisional        | Y                     |
| <b><i>Ceanothus cordulatus</i> – <i>Ceanothus integerrimus</i></b>                           |                                                                                           |                    | <b>Alliance</b>       |
| <b>37.217.00</b>                                                                             | <b>Californian montane whitethorn - deerbrush chaparral</b>                               | <b>GNR S5</b>      |                       |
| 37.206.01                                                                                    | <i>Ceanothus integerrimus</i>                                                             | G4?                | N                     |
| 37.206.02                                                                                    | <i>Ceanothus integerrimus</i> / <i>Quercus chrysolepis</i> / <i>Elymus glaucus</i>        |                    | N                     |

**Primary Life for Shrub**

| CaCode                                                  | Name                                                                                                          | Rarity       | Sensitive       |
|---------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|--------------|-----------------|
| 37.206.03                                               | <i>Ceanothus integerrimus</i> / <i>Notholithocarpus densiflorus</i> – <i>Arbutus menziesii</i>                |              | N               |
| 37.206.04                                               | <i>Ceanothus integerrimus</i> – <i>Arctostaphylos viscida</i>                                                 |              | N               |
| 37.206.05                                               | <i>Ceanothus integerrimus</i> – <i>Quercus garryana</i> var. <i>fruticosa</i>                                 |              | Y               |
| 37.209.01                                               | <i>Ceanothus cordulatus</i>                                                                                   | G3?          | Y               |
| <b>Ceanothus crassifolius</b>                           |                                                                                                               |              | <b>Alliance</b> |
| <b>37.208.00</b>                                        | <b>Hoary leaf ceanothus chaparral</b>                                                                         | <b>G4 S4</b> |                 |
| 37.208.01                                               | <i>Ceanothus crassifolius</i>                                                                                 | G4 S4        | N               |
| 37.208.02                                               | <i>Ceanothus crassifolius</i> – <i>Adenostoma fasciculatum</i>                                                |              | N               |
| 37.208.03                                               | <i>Ceanothus crassifolius</i> – <i>Adenostoma fasciculatum</i> – <i>Malosma laurina</i>                       | G4 S4        | N               |
| 37.208.04                                               | <i>Ceanothus crassifolius</i> – <i>Adenostoma fasciculatum</i> – <i>Rhus ovata</i>                            |              | N               |
| 37.208.05                                               | <i>Ceanothus crassifolius</i> – <i>Adenostoma fasciculatum</i> – <i>Salvia mellifera</i>                      |              | N               |
| 37.208.06                                               | <i>Ceanothus crassifolius</i> – <i>Adenostoma fasciculatum</i> – <i>Xylococcus bicolor</i>                    |              | N               |
| 37.208.07                                               | <i>Ceanothus crassifolius</i> – <i>Cercocarpus montanus</i>                                                   |              | N               |
| 37.208.08                                               | <i>Ceanothus crassifolius</i> – <i>Malosma laurina</i>                                                        | G4 S4        | N               |
| <b>Ceanothus cuneatus</b>                               |                                                                                                               |              | <b>Alliance</b> |
| <b>37.211.00</b>                                        | <b>Wedge leaf ceanothus chaparral, Buck brush chaparral</b>                                                   | <b>G4 S4</b> |                 |
| 37.211.01                                               | <i>Ceanothus cuneatus</i>                                                                                     | G4? S4       | N               |
| 37.211.02                                               | <i>Ceanothus cuneatus</i> / <i>Calocedrus decurrens</i>                                                       |              | N               |
| 37.211.03                                               | <i>Ceanothus cuneatus</i> / <i>Elymus elymoides</i>                                                           |              | N               |
| 37.211.05                                               | <i>Ceanothus cuneatus</i> / <i>Plantago erecta</i>                                                            |              | Y               |
| 37.211.06                                               | <i>Ceanothus cuneatus</i> – <i>Adenostoma fasciculatum</i>                                                    |              | N               |
| 37.211.08                                               | <i>Ceanothus cuneatus</i> – <i>Eriodictyon californicum</i> – ( <i>Fremontodendron californicum</i> )         |              | N               |
| 37.211.09                                               | <i>Ceanothus cuneatus</i> – <i>Frangula californica</i> – <i>Arctostaphylos patula</i>                        |              | N               |
| 37.211.10                                               | <i>Ceanothus cuneatus</i> – <i>Adenostoma fasciculatum</i> – <i>Salvia mellifera</i> – <i>Malosma laurina</i> | G3 S3        | Y               |
| 37.211.11                                               | <i>Ceanothus cuneatus</i> / <i>Eriophyllum lanatum</i>                                                        |              | N               |
| 37.211.12                                               | <i>Ceanothus cuneatus</i> – ( <i>Arctostaphylos</i> spp.) Maritime                                            | Provisional  | Y               |
| <b>Ceanothus greggii – Fremontodendron californicum</b> |                                                                                                               |              | <b>Alliance</b> |
| <b>37.212.00</b>                                        | <b>Cup leaf ceanothus – California flannelbush chaparral</b>                                                  | <b>G4 S3</b> |                 |
| 37.212.01                                               | <i>Ceanothus greggii</i> (var. <i>vestitus</i> , var. <i>perplexans</i> )                                     |              | Y               |
| 37.212.03                                               | <i>Ceanothus greggii</i> – <i>Adenostoma fasciculatum</i>                                                     |              | Y               |
| 37.212.05                                               | <i>Fremontodendron californicum</i>                                                                           |              | Y               |
| <b>Ceanothus leucodermis</b>                            |                                                                                                               |              | <b>Alliance</b> |
| <b>37.205.00</b>                                        | <b>Chaparral whitethorn chaparral</b>                                                                         | <b>G4 S4</b> |                 |
| 37.205.01                                               | <i>Ceanothus leucodermis</i>                                                                                  | G4? S4       | N               |
| 37.205.02                                               | <i>Ceanothus leucodermis</i> / <i>Toxicodendron diversilobum</i>                                              |              | N               |
| <b>Ceanothus megacarpus</b>                             |                                                                                                               |              | <b>Alliance</b> |
| <b>37.201.00</b>                                        | <b>Bigpod ceanothus chaparral</b>                                                                             | <b>G4 S4</b> |                 |
| 37.201.01                                               | <i>Ceanothus megacarpus</i>                                                                                   | G4 S4        | N               |
| 37.201.02                                               | <i>Ceanothus megacarpus</i> – <i>Adenostoma fasciculatum</i>                                                  | G4 S4        | N               |
| 37.201.04                                               | <i>Ceanothus megacarpus</i> – <i>Adenostoma sparsifolium</i>                                                  | G3 S3        | Y               |
| 37.201.05                                               | <i>Ceanothus megacarpus</i> – <i>Cercocarpus montanus</i>                                                     | G3 S3        | Y               |

**Primary Life for Shrub**

| CaCode                                                                        | Name                                                                                               | Rarity      | Sensitive       |
|-------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|-------------|-----------------|
| 37.201.06                                                                     | <i>Ceanothus megacarpus</i> – <i>Malosma laurina</i>                                               | G4 S4       | N               |
| 37.201.08                                                                     | <i>Ceanothus megacarpus</i> – <i>Salvia mellifera</i>                                              | G3 S3       | Y               |
| 37.201.09                                                                     | <i>Ceanothus megacarpus</i> – <i>Prunus ilicifolia</i>                                             |             | N               |
| 37.201.10                                                                     | <i>Ceanothus megacarpus</i> var. <i>insularis</i>                                                  | Provisional | Y               |
| 37.203.01                                                                     | <i>Ceanothus megacarpus</i> – <i>Rhamnus ilicifolia</i>                                            |             | N               |
| <b><i>Ceanothus papillosus</i></b>                                            |                                                                                                    |             | <b>Alliance</b> |
| 37.215.00                                                                     | Wart leaf ceanothus chaparral                                                                      | G3 S3       |                 |
| 37.215.01                                                                     | <i>Ceanothus papillosus</i> – <i>Adenostoma fasciculatum</i>                                       |             | Y               |
| 37.215.02                                                                     | <i>Ceanothus papillosus</i> – <i>Eriodictyon californicum</i>                                      | Provisional | Y               |
| <b><i>Ceanothus thyrsiflorus</i></b>                                          |                                                                                                    |             | <b>Alliance</b> |
| 37.204.00                                                                     | Blue blossom chaparral                                                                             | G4 S4       |                 |
| 37.204.01                                                                     | <i>Ceanothus thyrsiflorus</i> – <i>Baccharis pilularis</i> – <i>Toxicodendron diversilobum</i>     | G4?         | N               |
| 37.204.02                                                                     | <i>Ceanothus thyrsiflorus</i> – ( <i>Rubus ursinus</i> )                                           | G3 S3?      | Y               |
| 37.204.04                                                                     | <i>Ceanothus incanus</i>                                                                           | Provisional | Y               |
| 37.204.05                                                                     | <i>Ceanothus arboreus</i>                                                                          |             | Y               |
| <b><i>Ceanothus velutinus</i></b>                                             |                                                                                                    |             | <b>Alliance</b> |
| 37.210.00                                                                     | Tobacco brush or snow bush chaparral                                                               | G5 S4       |                 |
| 37.210.01                                                                     | <i>Ceanothus velutinus</i>                                                                         | GNR         | N               |
| 37.210.02                                                                     | <i>Ceanothus velutinus</i> – <i>Prunus emarginata</i> – <i>Artemisia tridentata</i>                | G3?         | Y               |
| <b><i>Ceanothus verrucosus</i></b>                                            |                                                                                                    | Provisional | <b>Alliance</b> |
| 37.216.00                                                                     | Wart-stemmed ceanothus chaparral                                                                   | G2 S2       |                 |
| 37.216.01                                                                     | <i>Ceanothus verrucosus</i> – <i>Xylococcus bicolor</i>                                            | Provisional | Y               |
| <b><i>Celtis laevigata</i> var. <i>reticulata</i> – <i>Rhus trilobata</i></b> |                                                                                                    | Provisional | <b>Alliance</b> |
| 61.565.00                                                                     | Sugarberry – skunkbush sumac scrub                                                                 | G3 S1       |                 |
| 61.565.01                                                                     | <i>Celtis laevigata</i> var. <i>reticulata</i>                                                     | Provisional | Y               |
| <b><i>Cephalanthus occidentalis</i></b>                                       |                                                                                                    |             | <b>Alliance</b> |
| 63.300.00                                                                     | Button willow thickets                                                                             | G5 S2       |                 |
| 63.300.01                                                                     | <i>Cephalanthus occidentalis</i>                                                                   |             | Y               |
| <b><i>Cercocarpus ledifolius</i></b>                                          |                                                                                                    |             | <b>Alliance</b> |
| 76.200.00                                                                     | Curlleaf mountain mahogany scrub                                                                   | G5 S4       |                 |
| 76.200.01                                                                     | <i>Cercocarpus ledifolius</i> – <i>Artemisia tridentata</i>                                        |             | N               |
| 76.200.02                                                                     | <i>Cercocarpus ledifolius</i> / <i>Symphoricarpos rotundifolius</i>                                | G3G<br>4    | Y               |
| 76.200.03                                                                     | <i>Cercocarpus ledifolius</i>                                                                      |             | N               |
| 76.200.04                                                                     | <i>Cercocarpus ledifolius</i> – <i>Artemisia tridentata</i> ssp. <i>vaseyana</i>                   | S3          | Y               |
| 76.200.05                                                                     | <i>Cercocarpus ledifolius</i> – ( <i>Symphoricarpos rotundifolius</i> – <i>Prunus emarginata</i> ) |             | N               |
| <b><i>Cercocarpus montanus</i></b>                                            |                                                                                                    |             | <b>Alliance</b> |
| 76.100.00                                                                     | Birch leaf mountain mahogany chaparral                                                             | G5 S4       |                 |
| 37.600.01                                                                     | <i>Cercocarpus montanus</i> – <i>Eriogonum fasciculatum</i>                                        |             | N               |
| 37.600.02                                                                     | <i>Cercocarpus montanus</i> – <i>Eriogonum fasciculatum</i> – <i>Eriogonum wrightii</i>            |             | N               |
| 37.610.01                                                                     | <i>Cercocarpus montanus</i> var. <i>macrourus</i>                                                  | GNR         | N               |

**Primary Life for Shrub**

| CaCode                                                                 | Name                                                                                    | Rarity        | Sensitive       |
|------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|---------------|-----------------|
| 37.610.02                                                              | <i>Cercocarpus montanus</i> var. <i>minutiflorus</i>                                    |               | N               |
| 76.100.03                                                              | <i>Cercocarpus montanus</i> var. <i>glaber</i>                                          | G4 S4         | N               |
| 76.100.04                                                              | <i>Cercocarpus montanus</i> – <i>Arctostaphylos glauca</i>                              |               | N               |
| 76.100.05                                                              | <i>Cercocarpus montanus</i> – <i>Ceanothus spinosus</i>                                 | G3 S3         | Y               |
| 76.100.06                                                              | <i>Cercocarpus montanus</i> – <i>Adenostoma fasciculatum</i>                            | G4 S4         | N               |
| 76.100.09                                                              | <i>Cercocarpus montanus</i> – <i>Ceanothus cuneatus</i> – <i>Quercus john-tuckeri</i>   | G3 S3         | Y               |
| 76.100.10                                                              | <i>Cercocarpus montanus</i> – <i>Fremontodendron californicum</i>                       |               | N               |
| 76.100.12                                                              | <i>Cercocarpus montanus</i> – <i>Malosma laurina</i> – <i>Artemisia californica</i>     | G3 S3         | Y               |
| 76.100.13                                                              | <i>Cercocarpus montanus</i> – <i>Prunus ilicifolia</i> – <i>Adenostoma sparsifolium</i> |               | N               |
| 76.100.14                                                              | <i>Cercocarpus montanus</i> – <i>Prunus ilicifolia</i>                                  |               | N               |
| 76.100.16                                                              | <i>Cercocarpus montanus</i> – <i>Ceanothus cuneatus</i>                                 |               | N               |
| 76.100.18                                                              | <i>Cercocarpus montanus</i> var. <i>blancheae</i>                                       | Provisional   | Y               |
| <b><i>Chrysolepis sempervirens</i></b>                                 |                                                                                         |               | <b>Alliance</b> |
| <b>37.700.00</b>                                                       | <b>Bush chinquapin chaparral</b>                                                        | <b>G4 S3</b>  |                 |
| 37.700.01                                                              | <i>Chrysolepis sempervirens</i>                                                         | G3 S3         | Y               |
| <b><i>Chrysothamnus viscidiflorus</i></b>                              |                                                                                         |               | <b>Alliance</b> |
| <b>35.350.00</b>                                                       | <b>Yellow rabbitbrush shrubland</b>                                                     | <b>G5 S5</b>  |                 |
| 35.350.01                                                              | <i>Chrysothamnus viscidiflorus</i>                                                      | SNR           | N               |
| <b><i>Coleogyne ramosissima</i></b>                                    |                                                                                         |               | <b>Alliance</b> |
| <b>33.020.00</b>                                                       | <b>Black brush scrub</b>                                                                | <b>G5 S4</b>  |                 |
| 33.020.01                                                              | <i>Coleogyne ramosissima</i>                                                            | G4G<br>5      | Y               |
| 33.020.03                                                              | <i>Coleogyne ramosissima</i> – <i>Ephedra</i> spp.                                      |               | N               |
| 33.020.05                                                              | <i>Coleogyne ramosissima</i> – <i>Eriogonum fasciculatum</i>                            | G5            | N               |
| 33.020.07                                                              | <i>Coleogyne ramosissima</i> – <i>Larrea tridentata</i>                                 |               | N               |
| 33.020.08                                                              | <i>Coleogyne ramosissima</i> – <i>Lycium andersonii</i>                                 |               | N               |
| 33.020.14                                                              | <i>Coleogyne ramosissima</i> / <i>Pleuraphis jamesii</i>                                |               | Y               |
| 33.020.15                                                              | <i>Coleogyne ramosissima</i> – <i>Ericameria teretifolia</i>                            |               | N               |
| <b><i>Coreopsis gigantea</i></b>                                       |                                                                                         |               | <b>Alliance</b> |
| <b>43.100.00</b>                                                       | <b>Giant coreopsis scrub</b>                                                            | <b>G3 S3</b>  |                 |
| 43.100.01                                                              | <i>Coreopsis gigantea</i> – <i>Artemisia californica</i> – <i>Eriogonum cinereum</i>    | G3 S3         | Y               |
| 43.100.02                                                              | <i>Coreopsis gigantea</i> – <i>Ericameria ericoides</i> – <i>Encelia californica</i>    | G2 S2         | Y               |
| 43.100.03                                                              | <i>Coreopsis gigantea</i> – <i>Lotus dendroideus</i>                                    | Provisional   | Y               |
| 43.100.04                                                              | <i>Coreopsis gigantea</i> / ( <i>Dudleya greenei</i> )                                  |               | Y               |
| 43.100.05                                                              | <i>Coreopsis gigantea</i> – ( <i>Lycium californicum</i> – <i>Opuntia</i> spp.)         |               | Y               |
| <b><i>Cornus sericea</i></b>                                           |                                                                                         |               | <b>Alliance</b> |
| <b>63.330.00</b>                                                       | <b>Red osier thickets</b>                                                               | <b>G4 S3?</b> |                 |
| 80.100.06                                                              | <i>Cornus sericea</i> – <i>Salix</i> ( <i>lasiolepis</i> , <i>exigua</i> )              |               | Y               |
| <b><i>Cornus sericea</i> – <i>Rosa woodsii</i> – <i>Ribes</i> spp.</b> |                                                                                         |               | <b>Alliance</b> |
| <b>63.320.00</b>                                                       | <b>Red-osier dogwood - Interior rose - Currant thickets</b>                             | <b>G5 S3</b>  |                 |
| 63.320.01                                                              | <i>Rosa woodsii</i>                                                                     |               | Y               |
| 80.100.01                                                              | <i>Cornus sericea</i> / <i>Senecio triangularis</i>                                     |               | Y               |
| 80.100.02                                                              | <i>Cornus sericea</i>                                                                   |               | Y               |

**Primary Life for Shrub**

| CaCode                                                                                   | Name                                                                                            | Rarity              | Sensitive                    |
|------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|---------------------|------------------------------|
| <b><i>Corylus cornuta</i> var. <i>californica</i></b>                                    |                                                                                                 |                     | <b>Alliance</b>              |
| <b>37.950.00</b>                                                                         | <b>Hazelnut scrub</b>                                                                           | <b>G3 S2?</b>       |                              |
| 37.950.01                                                                                | <i>Corylus cornuta</i> / <i>Polystichum munitum</i>                                             | G2 S2?              | Y                            |
| <b><i>Cylindropuntia acanthocarpa</i> / <i>Pleuraphis rigida</i></b>                     |                                                                                                 |                     | <b>Alliance</b>              |
| <b>33.055.00</b>                                                                         | <b>Buckhorn cholla / big galleta grass scrub</b>                                                | <b>GNR S4</b>       |                              |
| 33.055.01                                                                                | <i>Cylindropuntia acanthocarpa</i> var. <i>coloradensis</i>                                     |                     | Y                            |
| 33.055.02                                                                                | <i>Pleuraphis rigida</i> / ( <i>Acamptopappus sphaerocephalus</i> – <i>Ericameria cooperi</i> ) |                     | N                            |
| 33.055.03                                                                                | <i>Ericameria cooperi</i> disturbance                                                           | Provisional         | N                            |
| <b><i>Cylindropuntia bigelovii</i></b>                                                   |                                                                                                 |                     | <b>Alliance</b>              |
| <b>33.050.00</b>                                                                         | <b>Teddy bear cholla patches</b>                                                                | <b>G4 S3</b>        |                              |
| 33.050.01                                                                                | <i>Cylindropuntia bigelovii</i>                                                                 | G4 S3               | Y                            |
| <b><i>Cytisus scoparius</i> – <i>Genista monspessulana</i> – <i>Cotoneaster</i> spp.</b> |                                                                                                 |                     | <b>Semi-Natural Alliance</b> |
| <b>32.180.00</b>                                                                         | <b>Broom patches</b>                                                                            | <b>GNA SNA</b>      |                              |
| 32.180.01                                                                                | <i>Genista monspessulana</i>                                                                    | GNA SNA             | N                            |
| 32.180.02                                                                                | <i>Spartium junceum</i>                                                                         | GNA SNA             | N                            |
| 32.180.03                                                                                | <i>Ulex europaeus</i>                                                                           | Provisional GNA SNA | N                            |
| 32.180.04                                                                                | <i>Cytisus scoparius</i>                                                                        | Provisional GNA SNA | N                            |
| 32.180.05                                                                                | <i>Cotoneaster (lacteus, pannosus)</i>                                                          | Provisional GNA SNA | N                            |
| 32.180.06                                                                                | <i>Hypericum canariense</i>                                                                     | Provisional         | N                            |
| <b><i>Dasiphora fruticosa</i></b>                                                        |                                                                                                 |                     | <b>Alliance</b>              |
| <b>38.110.00</b>                                                                         | <b>Shrubby cinquefoil scrub</b>                                                                 | <b>G5 S3?</b>       |                              |
| 38.110.01                                                                                | <i>Dasiphora fruticosa</i>                                                                      |                     | Y                            |
| 38.110.02                                                                                | <i>Dasiphora fruticosa</i> / <i>Danthonia intermedia</i>                                        |                     | Y                            |
| 38.110.03                                                                                | <i>Dasiphora fruticosa</i> / <i>Potentilla breweri</i>                                          |                     | Y                            |
| 38.110.04                                                                                | <i>Dasiphora fruticosa</i> / <i>Danthonia unispicata</i>                                        |                     | Y                            |
| 38.110.05                                                                                | <i>Dasiphora fruticosa</i> / <i>Veratrum californicum</i>                                       |                     | Y                            |
| <b><i>Deinandra clementina</i> – <i>Eriogonum giganteum</i></b>                          |                                                                                                 |                     | <b>Alliance</b>              |
| <b>43.110.00</b>                                                                         | <b>Island tar plant – Saint Catherine's lace scrub</b>                                          | <b>G2 S2</b>        |                              |
| 43.110.01                                                                                | <i>Deinandra clementina</i>                                                                     |                     | Y                            |
| 43.110.02                                                                                | <i>Constancea nevinii</i>                                                                       | Provisional         | Y                            |
| 43.110.03                                                                                | <i>Eriogonum giganteum</i> var. <i>compactum</i>                                                | Provisional         | Y                            |
| 43.110.04                                                                                | <i>Eriogonum giganteum</i> var. <i>giganteum</i>                                                | Provisional         | Y                            |
| <b><i>Diplacus aurantiacus</i></b>                                                       |                                                                                                 |                     | <b>Alliance</b>              |
| <b>32.082.00</b>                                                                         | <b>Bush monkeyflower scrub</b>                                                                  | <b>G3 S3?</b>       |                              |
| 32.082.01                                                                                | <i>Diplacus (aurantiacus, puniceus)</i>                                                         | G3 S3               | Y                            |
| 32.082.02                                                                                | <i>Diplacus parviflorus</i>                                                                     | Provisional         | Y                            |
| <b><i>Encelia (actonii, virginensis)</i> – <i>Viguiera reticulata</i></b>                |                                                                                                 |                     | <b>Alliance</b>              |
| <b>33.037.00</b>                                                                         | <b>Acton's and Virgin River brittle brush – net-veined goldeneye scrub</b>                      | <b>G3 S3</b>        |                              |
| 33.025.01                                                                                | <i>Encelia virginensis</i>                                                                      |                     | Y                            |
| 33.025.03                                                                                | <i>Encelia actonii</i>                                                                          | G3 S3               | Y                            |
| 33.033.01                                                                                | <i>Viguiera reticulata</i>                                                                      | G1 S1               | Y                            |

**Primary Life for Shrub**

| CaCode                                                                              | Name                                                                                                             | Rarity         | Sensitive       |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|----------------|-----------------|
| <b><i>Encelia californica</i> – <i>Eriogonum cinereum</i></b>                       |                                                                                                                  |                | <b>Alliance</b> |
| <b>32.051.00</b>                                                                    | <b>California brittle bush – Ashy buckwheat scrub</b>                                                            | <b>G3 S3</b>   |                 |
| 32.035.01                                                                           | <i>Eriogonum cinereum</i>                                                                                        | G2G S2S<br>3 3 | Y               |
| 32.050.01                                                                           | <i>Encelia californica</i> – <i>Artemisia californica</i>                                                        | G3             | Y               |
| 32.050.02                                                                           | <i>Encelia californica</i>                                                                                       | G3             | Y               |
| 32.050.03                                                                           | <i>Encelia californica</i> – <i>Artemisia californica</i> – <i>Salvia mellifera</i> – <i>Baccharis pilularis</i> |                | Y               |
| 32.050.04                                                                           | <i>Encelia californica</i> – <i>Eriogonum cinereum</i>                                                           | G3 S3          | Y               |
| 32.050.05                                                                           | <i>Encelia californica</i> – <i>Malosma laurina</i> – <i>Salvia mellifera</i>                                    | G3 S3?         | Y               |
| 32.050.06                                                                           | <i>Encelia californica</i> – <i>Rhus integrifolia</i>                                                            | G3 S3          | Y               |
| 32.051.01                                                                           | <i>Encelia californica</i> – <i>Eriogonum arborescens</i>                                                        | Provisional    | Y               |
| <b><i>Encelia farinosa</i></b>                                                      |                                                                                                                  |                | <b>Alliance</b> |
| <b>33.030.00</b>                                                                    | <b>Brittle bush scrub</b>                                                                                        | <b>G5 S4</b>   |                 |
| 33.030.01                                                                           | <i>Encelia farinosa</i>                                                                                          |                | N               |
| 33.030.02                                                                           | <i>Encelia farinosa</i> – <i>Peucephyllum schottii</i>                                                           |                | Y               |
| 33.030.03                                                                           | <i>Encelia farinosa</i> – <i>Eriogonum fasciculatum</i> – <i>Agave deserti</i>                                   |                | Y               |
| 33.030.04                                                                           | <i>Encelia farinosa</i> – <i>Artemisia californica</i>                                                           |                | N               |
| 33.030.06                                                                           | <i>Encelia farinosa</i> – <i>Mirabilis laevis</i>                                                                |                | N               |
| 33.030.07                                                                           | <i>Encelia farinosa</i> – <i>Ambrosia dumosa</i> – <i>Fouquieria splendens</i>                                   |                | N               |
| 33.030.08                                                                           | <i>Encelia farinosa</i> – <i>Ambrosia dumosa</i> – <i>Salvia greatae</i>                                         |                | N               |
| 33.030.09                                                                           | <i>Encelia farinosa</i> – <i>Ambrosia dumosa</i> – <i>Senna armata</i>                                           |                | N               |
| 33.060.06                                                                           | <i>Encelia farinosa</i> – <i>Ambrosia dumosa</i>                                                                 |                | N               |
| <b><i>Ephedra californica</i> – <i>Ephedra trifurca</i></b>                         |                                                                                                                  |                | <b>Alliance</b> |
| <b>33.270.00</b>                                                                    | <b>California joint fir – longleaf joint-fir scrub</b>                                                           | <b>G5 S4</b>   |                 |
| 33.270.02                                                                           | <i>Ephedra californica</i> – <i>Ambrosia salsola</i>                                                             |                | Y               |
| 33.270.03                                                                           | <i>Ephedra californica</i> / annual – perennial herb                                                             | G3 S3          | Y               |
| 33.270.04                                                                           | <i>Ephedra californica</i> – <i>Gutierrezia californica</i> / <i>Eriastrum pluriflorum</i>                       | G2 S2          | Y               |
| 33.270.05                                                                           | <i>Ephedra trifurca</i>                                                                                          | S3             | Y               |
| <b><i>Ephedra funerea</i></b>                                                       |                                                                                                                  |                | <b>Alliance</b> |
| <b>33.275.00</b>                                                                    | <b>Death Valley joint fir scrub</b>                                                                              | <b>G3 S3</b>   |                 |
| 33.275.01                                                                           | <i>Ephedra funerea</i>                                                                                           |                | Y               |
| <b><i>Ephedra nevadensis</i> – <i>Lycium andersonii</i> – <i>Grayia spinosa</i></b> |                                                                                                                  |                | <b>Alliance</b> |
| <b>33.185.00</b>                                                                    | <b>Nevada joint fir – Anderson's boxthorn – spiny hop sage scrub</b>                                             | <b>G5 S3S4</b> |                 |
| 33.180.01                                                                           | <i>Grayia spinosa</i>                                                                                            | GNR            | N               |
| 33.180.03                                                                           | <i>Grayia spinosa</i> – <i>Larrea tridentata</i>                                                                 |                | Y               |
| 33.180.04                                                                           | <i>Grayia spinosa</i> – <i>Lycium andersonii</i>                                                                 | G5             | Y               |
| 33.180.05                                                                           | <i>Grayia spinosa</i> / <i>Eriogonum ovalifolium</i>                                                             |                | Y               |
| 33.180.06                                                                           | <i>Grayia spinosa</i> – <i>Ephedra viridis</i>                                                                   |                | Y               |
| 33.180.07                                                                           | <i>Grayia spinosa</i> – <i>Picrothamnus desertorum</i>                                                           |                | Y               |
| 33.185.01                                                                           | <i>Lycium cooperi</i>                                                                                            | Provisional    | N               |
| 33.185.02                                                                           | <i>Ephedra nevadensis</i> / ( <i>Elymus elymoides</i> )                                                          | Provisional    | N               |
| 33.185.03                                                                           | <i>Grayia spinosa</i> – <i>Lycium pallidum</i>                                                                   |                | Y               |
| 33.185.04                                                                           | <i>Grayia spinosa</i> – <i>Tetradymia (axillaris, glabrata)</i>                                                  | Provisional    | N               |
| 33.280.01                                                                           | <i>Ephedra nevadensis</i> – ( <i>Salazaria mexicana</i> – <i>Ambrosia salsola</i> )                              |                | N               |

**Primary Life for Shrub**

| CaCode                                                         | Name                                                                              | Rarity             | Sensitive       |
|----------------------------------------------------------------|-----------------------------------------------------------------------------------|--------------------|-----------------|
| 33.280.04                                                      | <i>Ephedra nevadensis</i> – <i>Lycium andersonii</i>                              |                    | N               |
| 33.280.05                                                      | <i>Ephedra nevadensis</i> – <i>Ericameria cooperi</i>                             | G3G 4 S3S 4        | Y               |
| 33.360.01                                                      | <i>Lycium andersonii</i> – <i>Simmondsia chinensis</i> – <i>Pleuraphis rigida</i> | G4 S3              | Y               |
| 33.360.02                                                      | <i>Lycium andersonii</i>                                                          | Provisional        | Y               |
| <b><i>Ephedra viridis</i></b>                                  |                                                                                   |                    | <b>Alliance</b> |
| <b>33.285.00</b>                                               | <b>Mormon tea scrub</b>                                                           | <b>G4 S4</b>       |                 |
| 33.285.02                                                      | <i>Ephedra viridis</i>                                                            |                    | N               |
| 33.285.03                                                      | <i>Ephedra viridis</i> – <i>Purshia glandulosa</i>                                |                    | N               |
| 33.285.04                                                      | <i>Ephedra viridis</i> – <i>Ericameria linearifolia</i> / ( <i>Poa secunda</i> )  | Provisional        | N               |
| <b><i>Ericameria linearifolia</i> – <i>Cleome isomeris</i></b> |                                                                                   |                    | <b>Alliance</b> |
| <b>38.125.00</b>                                               | <b>Narrowleaf goldenbush – bladderpod scrub</b>                                   | <b>G4 S4</b>       |                 |
| 32.042.02                                                      | <i>Gutierrezia californica</i> / <i>Poa secunda</i>                               |                    | Y               |
| 38.125.01                                                      | <i>Ericameria linearifolia</i>                                                    |                    | Y               |
| 38.125.02                                                      | <i>Eastwoodia elegans</i>                                                         | G3 S3              | Y               |
| 38.125.03                                                      | <i>Cleome isomeris</i>                                                            |                    | Y               |
| 38.125.04                                                      | <i>Eastwoodia elegans</i> – <i>Krascheninnikovia lanata</i>                       |                    | Y               |
| <b><i>Ericameria nauseosa</i></b>                              |                                                                                   |                    | <b>Alliance</b> |
| <b>35.310.00</b>                                               | <b>Rubber rabbitbrush scrub</b>                                                   | <b>G5 S5</b>       |                 |
| 35.310.01                                                      | <i>Ericameria nauseosa</i> – <i>Juniperus californica</i> / herb                  |                    | N               |
| 35.310.02                                                      | <i>Ericameria nauseosa</i> / <i>Sporobolus airoides</i>                           |                    | N               |
| 35.310.03                                                      | <i>Ericameria nauseosa</i>                                                        | G5                 | N               |
| 35.310.04                                                      | <i>Lepidospartum latisquamum</i>                                                  |                    | Y               |
| 35.310.05                                                      | <i>Ericameria nauseosa</i> – <i>Atriplex torreyi</i>                              | Provisional        | N               |
| 35.310.06                                                      | <i>Ericameria nauseosa</i> / <i>Bromus tectorum</i>                               |                    | N               |
| <b><i>Ericameria palmeri</i></b>                               |                                                                                   | <b>Provisional</b> | <b>Alliance</b> |
| <b>38.130.00</b>                                               | <b>Palmer's goldenbush scrub</b>                                                  | <b>G3 S3?</b>      |                 |
| 38.130.01                                                      | <i>Ericameria palmeri</i>                                                         | Provisional        | Y               |
| <b><i>Ericameria paniculata</i></b>                            |                                                                                   |                    | <b>Alliance</b> |
| <b>35.340.00</b>                                               | <b>Black-stem rabbitbrush scrub</b>                                               | <b>G4 S3</b>       |                 |
| 35.340.01                                                      | <i>Ericameria paniculata</i>                                                      |                    | Y               |
| 35.340.02                                                      | <i>Ericameria paniculata</i> – <i>Ambrosia salsola</i>                            |                    | Y               |
| 35.340.03                                                      | <i>Ericameria paniculata</i> – <i>Ambrosia eriocentra</i>                         |                    | Y               |
| <b><i>Ericameria parryi</i></b>                                |                                                                                   |                    | <b>Alliance</b> |
| <b>35.320.00</b>                                               | <b>Parry's rabbitbrush scrub</b>                                                  | <b>G4 S3</b>       |                 |
| 35.320.01                                                      | <i>Ericameria parryi</i> / <i>Gayophytum diffusum</i>                             |                    | Y               |
| <b><i>Ericameria teretifolia</i></b>                           |                                                                                   |                    | <b>Alliance</b> |
| <b>35.330.00</b>                                               | <b>Needleleaf rabbitbrush scrub</b>                                               | <b>G4 S4</b>       |                 |
| 35.330.01                                                      | <i>Ericameria teretifolia</i>                                                     |                    | N               |
| <b><i>Eriogonum arborescens</i> – <i>Eriogonum grande</i></b>  |                                                                                   |                    | <b>Alliance</b> |
| <b>32.036.00</b>                                               | <b>Island Buckwheat scrub</b>                                                     | <b>G3 S3</b>       |                 |
| 32.010.17                                                      | <i>Artemisia californica</i> – <i>Eriogonum arborescens</i>                       |                    | Y               |
| 32.036.01                                                      | <i>Eriogonum arborescens</i> – <i>Hazardia detonsa</i>                            |                    | Y               |
| 32.036.02                                                      | <i>Eriogonum arborescens</i>                                                      |                    | Y               |

**Primary Life for Shrub**

| CaCode                                                          | Name                                                                                            |             | Rarity     |           | Sensitive       |
|-----------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------|------------|-----------|-----------------|
| 32.036.03                                                       | <i>Eriogonum grande</i> var. <i>grande</i>                                                      |             |            |           | Y               |
| 32.036.04                                                       | <i>Eriogonum grande</i> var. <i>rubescens</i>                                                   | Provisional | G1         | S1        | Y               |
| <b><i>Eriogonum fasciculatum</i></b>                            |                                                                                                 |             |            |           | <b>Alliance</b> |
| <b>32.040.00</b>                                                | <b>California buckwheat scrub</b>                                                               |             | <b>G5</b>  | <b>S5</b> |                 |
| 32.040.01                                                       | <i>Eriogonum fasciculatum</i> – <i>Scrophularia californica</i> – <i>Phacelia ramosissima</i>   |             |            |           | N               |
| 32.040.02                                                       | <i>Eriogonum fasciculatum</i>                                                                   |             | G5         | S5        | N               |
| 32.040.03                                                       | <i>Eriogonum fasciculatum</i> – <i>Artemisia tridentata</i>                                     |             |            |           | Y               |
| 32.040.07                                                       | <i>Eriogonum fasciculatum</i> – <i>Salvia mellifera</i> – <i>Malosma laurina</i>                |             | G4         | S4        | N               |
| 32.040.08                                                       | <i>Eriogonum fasciculatum</i> – <i>Bebbia juncea</i>                                            |             |            |           | N               |
| 32.040.09                                                       | <i>Eriogonum fasciculatum</i> – <i>Gutierrezia sarothrae</i>                                    |             |            |           | N               |
| 32.040.10                                                       | <i>Eriogonum fasciculatum</i> – <i>Cylindropuntia californica</i>                               |             |            |           | N               |
| 32.040.11                                                       | <i>Eriogonum fasciculatum</i> – <i>Rhus ovata</i>                                               |             |            |           | N               |
| 32.040.12                                                       | <i>Eriogonum fasciculatum</i> – <i>Simmondsia chinensis</i> – <i>Cylindropuntia californica</i> |             |            |           | N               |
| 32.040.13                                                       | <i>Eriogonum fasciculatum</i> var. <i>foliolosum</i> – <i>Juniperus californica</i>             |             | G3         | S3        | Y               |
| 32.040.15                                                       | <i>Eriogonum fasciculatum</i> var. <i>polifolium</i> / <i>Eriastrum pluriflorum</i>             |             | G2         | S2        | Y               |
| 32.040.16                                                       | <i>Eriogonum fasciculatum</i> var. <i>foliolosum</i> – <i>Hesperoyucca whipplei</i>             |             |            |           | N               |
| 32.040.17                                                       | <i>Eriogonum fasciculatum</i> – <i>Salvia mellifera</i>                                         |             |            |           | N               |
| 32.040.18                                                       | <i>Eriogonum fasciculatum</i> – <i>Encelia farinosa</i>                                         |             |            |           | N               |
| 32.040.20                                                       | <i>Eriogonum fasciculatum</i> – <i>Ephedra californica</i>                                      |             |            |           | Y               |
| 32.040.21                                                       | <i>Eriogonum fasciculatum</i> / <i>Salvia columbariae</i> – <i>Mirabilis laevis</i>             | Provisional |            |           | Y               |
| 32.040.22                                                       | <i>Hesperoyucca whipplei</i>                                                                    | Provisional | G3G<br>4   | S3S<br>4  | Y               |
| <b><i>Eriogonum fasciculatum</i> – <i>Salvia apiana</i></b>     |                                                                                                 |             |            |           | <b>Alliance</b> |
| <b>32.100.00</b>                                                | <b>California buckwheat – white sage scrub</b>                                                  |             | <b>G4</b>  | <b>S4</b> |                 |
| 32.100.01                                                       | <i>Eriogonum fasciculatum</i> – <i>Salvia apiana</i>                                            |             |            |           | Y               |
| 32.100.02                                                       | <i>Salvia apiana</i> – <i>Artemisia californica</i> – <i>Ericameria</i> spp.                    |             |            |           | Y               |
| <b><i>Eriogonum fasciculatum</i> – <i>Viguiera parishii</i></b> |                                                                                                 |             |            |           | <b>Alliance</b> |
| <b>33.032.00</b>                                                | <b>California buckwheat – Parish's goldeneye scrub</b>                                          |             | <b>G4</b>  | <b>S4</b> |                 |
| 32.040.05                                                       | <i>Eriogonum fasciculatum</i> – <i>Ambrosia dumosa</i>                                          |             |            |           | N               |
| 32.040.06                                                       | <i>Eriogonum fasciculatum</i> (Wash)                                                            |             |            |           | N               |
| 33.032.01                                                       | <i>Viguiera parishii</i> – <i>Agave deserti</i>                                                 |             |            |           | Y               |
| 33.032.02                                                       | <i>Viguiera parishii</i> – <i>Eriogonum fasciculatum</i>                                        |             | G4         | S4        | N               |
| 33.032.03                                                       | <i>Viguiera parishii</i>                                                                        |             |            |           | N               |
| 33.032.06                                                       | <i>Eriogonum fasciculatum</i> rock outcrop                                                      |             |            |           | Y               |
| 33.032.07                                                       | <i>Eriogonum fasciculatum</i> – <i>Ericameria</i> ( <i>laricifolia</i> , <i>linearifolia</i> )  |             |            |           | Y               |
| 33.032.08                                                       | <i>Viguiera parishii</i> – <i>Eriogonum fasciculatum</i> – <i>Simmondsia chinensis</i>          |             |            |           | Y               |
| <b><i>Eriogonum spp.</i> / <i>Poa secunda</i></b>               |                                                                                                 |             |            |           | <b>Alliance</b> |
| <b>32.037.00</b>                                                | <b>Buckwheat / pine bluegrass dwarf-shrubland</b>                                               |             | <b>GNR</b> | <b>S3</b> |                 |
| 32.037.01                                                       | <i>Eriogonum sphaerocephalum</i> / <i>Poa secunda</i>                                           |             |            |           | Y               |
| 32.037.02                                                       | <i>Eriogonum douglasii</i> / <i>Poa secunda</i>                                                 |             |            |           | Y               |
| 32.037.03                                                       | <i>Eriogonum strictum</i> / <i>Poa secunda</i>                                                  |             |            |           | Y               |

**Primary Life for Shrub**

| CaCode                                                                                      | Name                                                                                                                         | Rarity             | Sensitive       |
|---------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|--------------------|-----------------|
| <b><i>Eriogonum wrightii</i> – <i>Eriogonum heermannii</i> – <i>Buddleja utahensis</i></b>  |                                                                                                                              |                    | <b>Alliance</b> |
| <b>32.046.00</b>                                                                            | <b>Wright's buckwheat – Heermann's buckwheat – Utah butterfly-bush scrub</b>                                                 | <b>G3 S3</b>       |                 |
| 32.041.01                                                                                   | <i>Eriogonum wrightii</i> – <i>Eriophyllum confertiflorum</i> / <i>Monardella antonina</i> ssp. <i>benitensis</i>            | G2 S2              | Y               |
| 32.041.02                                                                                   | <i>Eriogonum wrightii</i> – <i>Juniperus californica</i>                                                                     | G3 S3              | Y               |
| 32.041.03                                                                                   | <i>Eriogonum wrightii</i> – <i>Corethrogyne filaginifolia</i>                                                                |                    | Y               |
| 32.046.01                                                                                   | <i>Hecastocleis shockleyi</i>                                                                                                | Provisional        | Y               |
| 32.046.02                                                                                   | ( <i>Buddleja utahensis</i> – <i>Eriogonum heermannii</i> ) – <i>Gutierrezia</i> spp. limestone                              |                    | Y               |
| 32.046.03                                                                                   | <i>Eriogonum heermannii</i>                                                                                                  | Provisional        | Y               |
| 32.046.04                                                                                   | <i>Eriogonum wrightii</i> (ssp. <i>subscaposum</i> , ssp. <i>wrightii</i> )                                                  |                    | Y               |
| <b><i>Fallugia paradoxa</i></b>                                                             |                                                                                                                              | <b>Provisional</b> | <b>Alliance</b> |
| <b>33.325.00</b>                                                                            | <b>Apache plume scrub</b>                                                                                                    | <b>GNR S3</b>      |                 |
| 33.325.01                                                                                   | <i>Fallugia paradoxa</i> Desert Wash                                                                                         |                    | Y               |
| <b><i>Frangula californica</i> – <i>Rhododendron occidentale</i> – <i>Salix breweri</i></b> |                                                                                                                              |                    | <b>Alliance</b> |
| <b>63.311.00</b>                                                                            | <b>California coffeeberry – western azalea scrub – Brewer's willow</b>                                                       | <b>G3 S3</b>       |                 |
| 37.920.03                                                                                   | <i>Frangula californica</i> ssp. <i>tomentella</i> / <i>Cirsium fontinale</i> var. <i>campylon</i> – <i>Mimulus guttatus</i> |                    | Y               |
| 37.920.04                                                                                   | <i>Frangula californica</i> ssp. <i>tomentella</i> / <i>Hoita macrostachya</i>                                               |                    | Y               |
| 61.215.01                                                                                   | <i>Salix breweri</i> / <i>Muhlenbergia asperifolia</i>                                                                       | G2 S2              | Y               |
| 61.215.02                                                                                   | <i>Salix breweri</i>                                                                                                         | Provisional        | Y               |
| 63.311.01                                                                                   | <i>Frangula californica</i> ssp. <i>californica</i>                                                                          | Provisional        | Y               |
| 63.311.02                                                                                   | <i>Rhododendron occidentale</i> – <i>Frangula californica</i> ssp. <i>tomentella</i>                                         |                    | Y               |
| <b><i>Gaultheria shallon</i> – <i>Rubus (ursinus)</i></b>                                   |                                                                                                                              |                    | <b>Alliance</b> |
| <b>63.909.00</b>                                                                            | <b>Salal – berry brambles</b>                                                                                                | <b>GNR S4</b>      |                 |
| 32.060.12                                                                                   | <i>Holodiscus discolor</i> – <i>Baccharis pilularis</i> – <i>Rubus ursinus</i>                                               | G3 S3?             | Y               |
| 32.060.28                                                                                   | <i>Gaultheria shallon</i> – <i>Baccharis pilularis</i> – <i>Ceanothus thyrsiflorus</i>                                       |                    | N               |
| 63.901.01                                                                                   | <i>Gaultheria shallon</i> – <i>Rubus spectabilis</i> – <i>Rubus parviflorus</i>                                              |                    | Y               |
| 63.901.03                                                                                   | <i>Rubus parviflorus</i>                                                                                                     |                    | Y               |
| 63.901.05                                                                                   | <i>Rubus ursinus</i>                                                                                                         |                    | Y               |
| 63.909.01                                                                                   | <i>Gaultheria shallon</i> – <i>Vaccinium ovatum</i> / <i>Pteridium aquilinum</i>                                             |                    | Y               |
| <b><i>Gutierrezia sarothrae</i> – <i>Gutierrezia microcephala</i></b>                       |                                                                                                                              |                    | <b>Alliance</b> |
| <b>32.043.00</b>                                                                            | <b>Snakeweed scrub</b>                                                                                                       | <b>G3 S3</b>       |                 |
| 32.043.01                                                                                   | <i>Gutierrezia sarothrae</i> / <i>Pleuraphis rigida</i> – <i>Sphaeralcea ambigua</i>                                         |                    | Y               |
| 32.043.02                                                                                   | <i>Gutierrezia</i> ( <i>microcephala</i> , <i>sarothrae</i> )                                                                |                    | Y               |
| 32.043.03                                                                                   | <i>Gutierrezia sarothrae</i> – <i>Erodium</i> spp. – <i>Nassella pulchra</i>                                                 | Provisional        | Y               |
| <b><i>Hazardia squarrosa</i></b>                                                            |                                                                                                                              |                    | <b>Alliance</b> |
| <b>32.055.00</b>                                                                            | <b>Sawtooth golden bush scrub</b>                                                                                            | <b>G3 S3</b>       |                 |
| 32.055.01                                                                                   | <i>Hazardia squarrosa</i> / <i>Nassella pulchra</i> – <i>Deinandra fasciculata</i>                                           | G3 S3              | Y               |
| 32.055.02                                                                                   | <i>Hazardia squarrosa</i> – <i>Artemisia californica</i>                                                                     | G3 S3              | Y               |

**Primary Life for Shrub**

| CaCode                                                   | Name                                                                                                        | Rarity             | Sensitive             |
|----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|--------------------|-----------------------|
| <b><i>Isocoma menziesii</i></b>                          |                                                                                                             |                    | <b>Alliance</b>       |
| <b>32.044.00</b>                                         | <b>Menzies's golden bush scrub</b>                                                                          | <b>G3 S3</b>       |                       |
| 32.044.03                                                | <i>Isocoma menziesii</i> – <i>Lupinus albifrons</i>                                                         | G3 S3              | Y                     |
| 32.044.04                                                | <i>Isocoma menziesii</i>                                                                                    | G3 S3              | Y                     |
| 32.044.05                                                | <i>Isocoma menziesii</i> – <i>Lotus dendroideus</i>                                                         | G1 S1              | Y                     |
| 32.044.06                                                | <i>Isocoma menziesii</i> – <i>Artemisia californica</i>                                                     | G3 S3              | Y                     |
| 32.044.07                                                | <i>Isocoma menziesii</i> / <i>Dudleya greenei</i>                                                           |                    | Y                     |
| 32.044.08                                                | <i>Isocoma menziesii</i> / ( <i>Astragalus miguelensis</i> – <i>Atriplex californica</i> )                  | G3 S3              | Y                     |
| <b><i>Kalmia microphylla</i></b>                         |                                                                                                             | <b>Provisional</b> | <b>Alliance</b>       |
| <b>45.406.00</b>                                         | <b>Alpine laurel heath</b>                                                                                  | <b>G4 S3?</b>      |                       |
| <b><i>Keckiella antirrhinoides</i></b>                   |                                                                                                             |                    | <b>Alliance</b>       |
| <b>32.065.00</b>                                         | <b>Bush penstemon scrub</b>                                                                                 | <b>G3 S3</b>       |                       |
| 32.065.01                                                | <i>Keckiella antirrhinoides</i>                                                                             |                    | Y                     |
| 32.065.02                                                | <i>Keckiella antirrhinoides</i> – <i>Artemisia californica</i>                                              |                    | Y                     |
| 32.065.03                                                | <i>Keckiella antirrhinoides</i> – <i>Eriogonum fasciculatum</i>                                             |                    | Y                     |
| 32.065.04                                                | <i>Keckiella antirrhinoides</i> – <i>Mixed Chaparral</i>                                                    |                    | Y                     |
| <b><i>Koeberlinia spinosa</i></b>                        |                                                                                                             |                    | <b>Special Stands</b> |
| <b>33.100.00</b>                                         | <b>Crown-of-thorns stands</b>                                                                               | <b>G2 S1</b>       |                       |
| <b><i>Krascheninnikovia lanata</i></b>                   |                                                                                                             |                    | <b>Alliance</b>       |
| <b>36.500.00</b>                                         | <b>Winterfat scrubland</b>                                                                                  | <b>G4 S3</b>       |                       |
| 36.500.01                                                | <i>Krascheninnikovia lanata</i>                                                                             |                    | Y                     |
| <b><i>Larrea tridentata</i></b>                          |                                                                                                             |                    | <b>Alliance</b>       |
| <b>33.010.00</b>                                         | <b>Creosote bush scrub</b>                                                                                  | <b>G5 S5</b>       |                       |
| 33.010.06                                                | <i>Larrea tridentata</i> / wash                                                                             |                    | N                     |
| 33.010.07                                                | <i>Larrea tridentata</i> – <i>Krameria grayi</i> – <i>Pleuraphis rigida</i>                                 |                    | Y                     |
| 33.010.10                                                | <i>Larrea tridentata</i> – <i>Ephedra nevadensis</i>                                                        | G5                 | N                     |
| 33.010.12                                                | <i>Larrea tridentata</i> – <i>Atriplex polycarpa</i>                                                        |                    | N                     |
| 33.010.13                                                | <i>Larrea tridentata</i> – <i>Pleuraphis rigida</i>                                                         | G4 S3              | Y                     |
| 33.010.14                                                | <i>Larrea tridentata</i> – <i>Pleuraphis rigida</i> – <i>Lycium andersonii</i>                              |                    | Y                     |
| 33.010.17                                                | <i>Larrea tridentata</i> – <i>Atriplex confertifolia</i>                                                    | G5                 | N                     |
| 33.010.19                                                | <i>Larrea tridentata</i> / <i>Cryptogamic crust</i>                                                         |                    | N                     |
| 33.010.20                                                | <i>Larrea tridentata</i> (sparse post-burn / herbaceous)                                                    |                    | N                     |
| 33.140.04                                                | <i>Larrea tridentata</i>                                                                                    | G5 S5              | N                     |
| <b><i>Larrea tridentata</i> – <i>Ambrosia dumosa</i></b> |                                                                                                             |                    | <b>Alliance</b>       |
| <b>33.140.00</b>                                         | <b>Creosote bush – white bursage scrub</b>                                                                  | <b>G5 S5</b>       |                       |
| 33.140.07                                                | <i>Larrea tridentata</i> – <i>Ambrosia dumosa</i> – <i>Psoralea schottii</i>                                | G4 S3              | Y                     |
| 33.140.08                                                | <i>Larrea tridentata</i> – <i>Ambrosia dumosa</i> – <i>Psoralea emoryi</i> – sandy                          |                    | Y                     |
| 33.140.09                                                | <i>Larrea tridentata</i> – <i>Ambrosia dumosa</i> – <i>Atriplex hymenelytra</i>                             |                    | N                     |
| 33.140.10                                                | <i>Larrea tridentata</i> – <i>Ambrosia dumosa</i> – <i>Galium angustifolium</i> – <i>Lyrocarpa coulteri</i> |                    | Y                     |
| 33.140.11                                                | <i>Larrea tridentata</i> – <i>Ambrosia dumosa</i> – <i>Yucca schidigera</i>                                 | G5 S5              | N                     |
| 33.140.12                                                | <i>Larrea tridentata</i> – <i>Ambrosia dumosa</i> – <i>Viguiera parishii</i>                                |                    | N                     |
| 33.140.13                                                | <i>Larrea tridentata</i> – <i>Ambrosia dumosa</i> – <i>Senna armata</i>                                     | G4 S3              | Y                     |

**Primary Life for Shrub**

| CaCode    | Name                                                                                                                | Rarity | Sensitive |
|-----------|---------------------------------------------------------------------------------------------------------------------|--------|-----------|
| 33.140.14 | <i>Larrea tridentata</i> – <i>Ambrosia dumosa</i> – <i>Salazaria mexicana</i>                                       |        | N         |
| 33.140.17 | <i>Larrea tridentata</i> – <i>Ambrosia dumosa</i> / <i>Pleuraphis rigida</i>                                        | G4 S3  | Y         |
| 33.140.25 | <i>Larrea tridentata</i> – <i>Ambrosia dumosa</i> – <i>Gutierrezia sarothrae</i>                                    |        | N         |
| 33.140.28 | <i>Larrea tridentata</i> – <i>Ambrosia dumosa</i> – <i>Eriogonum fasciculatum</i>                                   |        | N         |
| 33.140.29 | <i>Larrea tridentata</i> – <i>Ambrosia dumosa</i> – <i>Ephedra funerea</i>                                          |        | Y         |
| 33.140.31 | <i>Larrea tridentata</i> – <i>Ambrosia dumosa</i> – <i>Encelia virginensis</i>                                      |        | Y         |
| 33.140.32 | <i>Larrea tridentata</i> – <i>Ambrosia dumosa</i> – <i>Encelia farinosa</i>                                         | G5 S5  | N         |
| 33.140.34 | <i>Larrea tridentata</i> – <i>Ambrosia dumosa</i> / <i>Dalea mollissima</i>                                         |        | Y         |
| 33.140.35 | <i>Larrea tridentata</i> – <i>Ambrosia dumosa</i> / <i>Cryptogamic crust</i>                                        |        | Y         |
| 33.140.37 | <i>Larrea tridentata</i> – <i>Ambrosia dumosa</i> – <i>Atriplex canescens</i>                                       |        | N         |
| 33.140.38 | <i>Larrea tridentata</i> – <i>Ambrosia dumosa</i> – <i>Atriplex polycarpa</i>                                       |        | N         |
| 33.140.39 | <i>Larrea tridentata</i> – <i>Ambrosia dumosa</i> – <i>Atriplex confertifolia</i>                                   |        | N         |
| 33.140.40 | <i>Larrea tridentata</i> – <i>Ambrosia dumosa</i> – <i>Amphipappus fremontii</i>                                    |        | N         |
| 33.140.41 | <i>Larrea tridentata</i> – <i>Ambrosia dumosa</i> – <i>Fagonia laevis</i>                                           |        | Y         |
| 33.140.42 | <i>Larrea tridentata</i> – <i>Ambrosia dumosa</i>                                                                   | G5 S5  | N         |
| 33.140.44 | <i>Larrea tridentata</i> – <i>Ambrosia dumosa</i> – <i>Fouquieria splendens</i>                                     |        | N         |
| 33.140.48 | <i>Larrea tridentata</i> – <i>Ambrosia dumosa</i> – <i>Ericameria cooperi</i>                                       |        | N         |
| 33.140.49 | <i>Larrea tridentata</i> – <i>Ambrosia dumosa</i> – <i>Olneya tesota</i>                                            |        | N         |
| 33.140.50 | <i>Larrea tridentata</i> – <i>Ambrosia dumosa</i> – <i>Psoralea argophylla</i>                                      |        | N         |
| 33.140.51 | <i>Larrea tridentata</i> – <i>Ambrosia dumosa</i> – ( <i>Echinocactus polycephalus</i> – <i>Opuntia basilaris</i> ) |        | N         |
| 33.140.52 | <i>Larrea tridentata</i> – <i>Ambrosia dumosa</i> – ( <i>Ephedra nevadensis</i> – <i>Lycium andersonii</i> )        |        | N         |
| 33.140.53 | <i>Larrea tridentata</i> – <i>Ambrosia dumosa</i> – <i>Cylindropuntia (acanthocarpa, ramosissima)</i>               |        | N         |
| 33.140.54 | <i>Larrea tridentata</i> – <i>Ambrosia dumosa</i> – <i>Ambrosia salsola</i>                                         |        | N         |
| 33.140.55 | <i>Larrea tridentata</i> – <i>Ambrosia dumosa</i> – <i>Krameria (erecta, grayi)</i>                                 |        | N         |
| 33.140.56 | <i>Larrea tridentata</i> – <i>Ambrosia dumosa</i> – <i>Psoralea argophylla (arborescens, fremontii)</i>             |        | Y         |

**Larrea tridentata – Encelia farinosa****Alliance****33.027.00 Creosote bush – brittle bush scrub****G5 S4**

|           |                                                                                     |             |   |
|-----------|-------------------------------------------------------------------------------------|-------------|---|
| 33.027.02 | <i>Larrea tridentata</i> – <i>Encelia farinosa</i> – <i>Bebbia juncea</i>           |             | N |
| 33.027.03 | <i>Larrea tridentata</i> – <i>Encelia farinosa</i> – <i>Ambrosia dumosa</i>         | G5 S4       | N |
| 33.027.04 | <i>Larrea tridentata</i> – <i>Encelia farinosa</i> – <i>Fouquieria splendens</i>    | G5 S3       | Y |
| 33.027.05 | <i>Larrea tridentata</i> – <i>Encelia farinosa</i>                                  | G5 S5       | N |
| 33.027.06 | <i>Larrea tridentata</i> – <i>Encelia farinosa</i> – <i>Peucephyllum schottii</i>   | Provisional | N |
| 33.027.07 | <i>Larrea tridentata</i> – <i>Encelia farinosa</i> – <i>Pleurocoronis pluriseta</i> | Provisional | N |

**Lepidospartum squamatum****Alliance****32.070.00 Scale broom scrub****G3 S3**

|           |                                                                                                |       |   |
|-----------|------------------------------------------------------------------------------------------------|-------|---|
| 32.070.01 | <i>Eriogonum fasciculatum</i> – <i>Lepidospartum squamatum</i> alluvial fan                    |       | Y |
| 32.070.03 | <i>Lepidospartum squamatum</i> / ephemeral annuals                                             | G2 S2 | Y |
| 32.070.04 | <i>Lepidospartum squamatum</i> – <i>Atriplex canescens</i>                                     |       | Y |
| 32.070.05 | <i>Lepidospartum squamatum</i> – <i>Baccharis salicifolia</i>                                  |       | Y |
| 32.070.06 | <i>Lepidospartum squamatum</i> – <i>Eriogonum fasciculatum</i>                                 |       | Y |
| 32.070.07 | <i>Lepidospartum squamatum</i> / <i>Amsinckia menziesii</i>                                    |       | Y |
| 32.070.08 | <i>Lepidospartum squamatum</i> – <i>Eriodictyon trichocalyx</i> – <i>Hesperoyucca whipplei</i> |       | Y |

**Primary Life for Shrub**

| CaCode                                                                             | Name                                                                                                            | Rarity       | Sensitive                                 |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|--------------|-------------------------------------------|
| 32.070.09                                                                          | <i>Lepidospartum squamatum</i> – <i>Artemisia californica</i>                                                   |              | Y                                         |
| 32.070.10                                                                          | <i>Lepidospartum squamatum</i> / desert ephemeral annuals                                                       |              | Y                                         |
| <b><i>Lotus scoparius</i> – <i>Lupinus albifrons</i> – <i>Eriodictyon</i> spp.</b> |                                                                                                                 |              | <b>Alliance</b>                           |
| <b>37.070.00</b>                                                                   | <b>Deerweed – silver lupine – yerba santa scrub</b>                                                             | <b>G5 S5</b> |                                           |
| 32.081.01                                                                          | <i>Lupinus albifrons</i>                                                                                        |              | N                                         |
| 32.081.02                                                                          | <i>Lupinus albifrons</i> coastal                                                                                |              | N                                         |
| 32.081.03                                                                          | <i>Lupinus albifrons</i> – <i>Senecio flaccidus</i> var. <i>douglasii</i>                                       |              | N                                         |
| 35.080.01                                                                          | <i>Eriodictyon californicum</i> / herbaceous                                                                    |              | N                                         |
| 37.070.01                                                                          | <i>Eriodictyon parryi</i>                                                                                       | Provisional  | Y                                         |
| 37.070.02                                                                          | <i>Lupinus albifrons</i> – <i>Lotus scoparius</i> / <i>Chorizanthe pungens</i>                                  |              | Y                                         |
| 37.070.03                                                                          | <i>Lupinus albifrons</i> – <i>Lotus scoparius</i> / ( <i>Oenothera deltoides</i> – <i>Croton californicus</i> ) | Provisional  | Y                                         |
| 37.090.01                                                                          | <i>Eriodictyon crassifolium</i>                                                                                 | Provisional  | N                                         |
| 37.750.01                                                                          | <i>Dendromecon rigida</i>                                                                                       |              | N                                         |
| 52.240.01                                                                          | <i>Lotus scoparius</i>                                                                                          | G5 S5        | N                                         |
| <b><i>Lupinus arboreus</i></b>                                                     |                                                                                                                 |              | <b>Alliance and Semi-Natural Alliance</b> |
| <b>32.080.00</b>                                                                   | <b>Yellow bush lupine scrub</b>                                                                                 | <b>G4 S4</b> |                                           |
| 32.060.06                                                                          | <i>Baccharis pilularis</i> – <i>Lupinus arboreus</i>                                                            | G3 S3?       | N                                         |
| 32.080.01                                                                          | <i>Lupinus arboreus</i> / <i>Bromus diandrus</i>                                                                |              | N                                         |
| 32.080.02                                                                          | <i>Lupinus arboreus</i>                                                                                         |              | N                                         |
| 32.080.03                                                                          | <i>Lupinus arboreus</i> – <i>Ericameria ericoides</i>                                                           |              | Y                                         |
| 32.080.04                                                                          | <i>Lupinus arboreus</i> / <i>Anthoxanthum odoratum</i>                                                          |              | N                                         |
| 32.080.05                                                                          | <i>Lupinus arboreus</i> / <i>Scrophularia californica</i>                                                       |              | N                                         |
| 32.080.06                                                                          | <i>Baccharis pilularis</i> – <i>Lupinus arboreus</i> / <i>Ammophila arenaria</i>                                | Provisional  | N                                         |
| <b><i>Lupinus chamissonis</i> – <i>Ericameria ericoides</i></b>                    |                                                                                                                 |              | <b>Alliance</b>                           |
| <b>32.160.00</b>                                                                   | <b>Silver dune lupine – mock heather scrub</b>                                                                  | <b>G3 S3</b> |                                           |
| 32.160.01                                                                          | <i>Ericameria ericoides</i>                                                                                     |              | Y                                         |
| 32.160.02                                                                          | <i>Lupinus chamissonis</i>                                                                                      |              | Y                                         |
| 32.160.03                                                                          | <i>Lupinus chamissonis</i> – <i>Ericameria ericoides</i>                                                        | G2 S2.2      | Y                                         |
| <b><i>Lycium californicum</i></b>                                                  |                                                                                                                 |              | <b>Alliance</b>                           |
| <b>33.365.00</b>                                                                   | <b>California desert-thorn scrub</b>                                                                            | <b>G4 S3</b> |                                           |
| 33.365.01                                                                          | <i>Lycium californicum</i> – <i>Encelia californica</i>                                                         | Provisional  | Y                                         |
| 33.365.02                                                                          | <i>Lycium californicum</i>                                                                                      |              | Y                                         |
| 33.365.03                                                                          | <i>Lycium californicum</i> – <i>Artemisia nesiotica</i>                                                         | Provisional  | Y                                         |
| <b><i>Malacothamnus fasciculatus</i> – <i>Malacothamnus</i> spp.</b>               |                                                                                                                 |              | <b>Alliance</b>                           |
| <b>45.450.00</b>                                                                   | <b>Bushmallow scrub</b>                                                                                         | <b>G4 S4</b> |                                           |
| 45.450.01                                                                          | <i>Malacothamnus fasciculatus</i>                                                                               | G4 S4        | N                                         |
| 45.450.02                                                                          | <i>Malacothamnus fasciculatus</i> – <i>Ceanothus megacarpus</i>                                                 | G3 S3        | Y                                         |
| 45.450.03                                                                          | <i>Malacothamnus fasciculatus</i> – <i>Ceanothus spinosus</i>                                                   | G3 S3        | Y                                         |
| 45.450.04                                                                          | <i>Malacothamnus fasciculatus</i> – <i>Malosma laurina</i>                                                      | G4 S4        | N                                         |
| 45.450.05                                                                          | <i>Malacothamnus fasciculatus</i> – <i>Salvia leucophylla</i>                                                   | G3 S3        | Y                                         |
| 45.450.08                                                                          | <i>Malacothamnus</i> ( <i>aboriginum</i> , <i>arcuatus</i> , <i>fremontii</i> )                                 | Provisional  | Y                                         |
| <b><i>Malosma laurina</i></b>                                                      |                                                                                                                 |              | <b>Alliance</b>                           |
| <b>45.455.00</b>                                                                   | <b>Laurel sumac scrub</b>                                                                                       | <b>G4 S4</b> |                                           |

**Primary Life for Shrub**

| CaCode                                                                                      | Name                                                                                          | Rarity             | Sensitive       |
|---------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|--------------------|-----------------|
| 45.455.01                                                                                   | <i>Malosma laurina</i>                                                                        | G4 S4              | N               |
| 45.455.03                                                                                   | <i>Malosma laurina</i> – <i>Eriogonum cinereum</i>                                            | G4 S4              | N               |
| 45.455.06                                                                                   | <i>Malosma laurina</i> – <i>Eriogonum fasciculatum</i> – <i>Salvia apiana</i>                 |                    | N               |
| 45.455.07                                                                                   | <i>Malosma laurina</i> – <i>Eriogonum fasciculatum</i> – <i>Salvia mellifera</i>              |                    | N               |
| 45.455.08                                                                                   | <i>Malosma laurina</i> – <i>Rhus ovata</i>                                                    | G3 S3              | Y               |
| 45.455.10                                                                                   | <i>Malosma laurina</i> – <i>Tetracoccus dioicus</i>                                           |                    | N               |
| 45.455.11                                                                                   | <i>Malosma laurina</i> – <i>Lotus scoparius</i>                                               |                    | N               |
| 45.455.12                                                                                   | <i>Malosma laurina</i> – <i>Artemisia californica</i> – <i>Eriogonum fasciculatum</i>         |                    | N               |
| 45.455.13                                                                                   | <i>Malosma laurina</i> – <i>Artemisia californica</i> – <i>Salvia leucophylla</i>             |                    | N               |
| <b><i>Menodora spinescens</i></b>                                                           |                                                                                               |                    | <b>Alliance</b> |
| <b>33.290.00</b>                                                                            | <b>Spiny menodora scrub</b>                                                                   | <b>G4 S3</b>       |                 |
| 33.290.01                                                                                   | <i>Menodora spinescens</i> – <i>Atriplex confertifolia</i>                                    |                    | Y               |
| 33.290.02                                                                                   | <i>Menodora spinescens</i> – ( <i>Ephedra nevadensis</i> )                                    |                    | Y               |
| <b><i>Mortonia utahensis</i></b>                                                            |                                                                                               |                    | <b>Alliance</b> |
| <b>33.375.00</b>                                                                            | <b>Utah mortonia scrub</b>                                                                    | <b>G4 S2</b>       |                 |
| 33.375.01                                                                                   | <i>Mortonia utahensis</i>                                                                     |                    | Y               |
| <b><i>Nolina (bigelovii, parryi)</i></b>                                                    |                                                                                               |                    | <b>Alliance</b> |
| <b>33.080.00</b>                                                                            | <b>Nolina scrub</b>                                                                           | <b>G3 S2</b>       |                 |
| 33.080.01                                                                                   | <i>Nolina parryi</i>                                                                          | GNR                | Y               |
| 33.080.02                                                                                   | <i>Nolina bigelovii</i>                                                                       |                    | Y               |
| <b><i>Notholithocarpus densiflorus</i> var. <i>echinoides</i></b>                           |                                                                                               |                    | <b>Alliance</b> |
| <b>73.110.00</b>                                                                            | <b>Shrub tanoak chaparral</b>                                                                 | <b>G3 S3</b>       |                 |
| 73.110.01                                                                                   | <i>Notholithocarpus densiflorus</i> var. <i>echinoides</i> / <i>Arctostaphylos nevadensis</i> |                    | Y               |
| 73.110.02                                                                                   | <i>Notholithocarpus densiflorus</i> var. <i>echinoides</i> / <i>Pteridium aquilinum</i>       |                    | Y               |
| <b><i>Opuntia littoralis</i> – <i>Opuntia oricola</i> – <i>Cylindropuntia prolifera</i></b> |                                                                                               |                    | <b>Alliance</b> |
| <b>32.150.00</b>                                                                            | <b>Coast prickly pear scrub</b>                                                               | <b>G4 S3</b>       |                 |
| 32.150.01                                                                                   | <i>Opuntia littoralis</i> – <i>Eriogonum fasciculatum</i> – <i>Malosma laurina</i>            |                    | Y               |
| 32.150.02                                                                                   | <i>Opuntia littoralis</i>                                                                     | G3 S3              | Y               |
| 32.150.03                                                                                   | <i>Cylindropuntia prolifera</i> – <i>Mixed Coastal Scrub</i>                                  | Provisional        | Y               |
| 32.150.04                                                                                   | <i>Opuntia oricola</i>                                                                        | Provisional        | Y               |
| <b><i>Phyllodoce breweri</i></b>                                                            |                                                                                               |                    | <b>Alliance</b> |
| <b>45.402.00</b>                                                                            | <b>Purple mountain-heath mats</b>                                                             | <b>G4 S4?</b>      |                 |
| 45.402.01                                                                                   | <i>Phyllodoce breweri</i> – <i>Juncus parryi</i>                                              |                    | N               |
| 45.402.02                                                                                   | <i>Phyllodoce breweri</i> – <i>Cassiope mertensiana</i> – <i>Juncus parryi</i>                |                    | N               |
| 45.405.01                                                                                   | <i>Phyllodoce breweri</i> – <i>Vaccinium cespitosum</i>                                       |                    | N               |
| <b><i>Phyllodoce empetriformis</i></b>                                                      |                                                                                               | <b>Provisional</b> | <b>Alliance</b> |
| <b>45.404.00</b>                                                                            | <b>Pink mountain-heath mats</b>                                                               | <b>G5 S2?</b>      |                 |
| <b><i>Pluchea sericea</i></b>                                                               |                                                                                               |                    | <b>Alliance</b> |
| <b>63.710.00</b>                                                                            | <b>Arrow weed thickets</b>                                                                    | <b>G4 S3</b>       |                 |
| 63.710.01                                                                                   | <i>Pluchea sericea</i> Seasonally Flooded                                                     |                    | Y               |

**Primary Life for Shrub**

| CaCode                                                                                       | Name                                                                                                         | Rarity      | Sensitive | Alliance |
|----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|-------------|-----------|----------|
| <b><i>Prunus emarginata</i> – <i>Holodiscus discolor</i></b>                                 |                                                                                                              |             |           |          |
| <b>37.970.00</b>                                                                             | <b>Bitter Cherry - Ocean Spray Brush</b>                                                                     | <b>G4</b>   | <b>S4</b> |          |
| 37.970.01                                                                                    | <i>Prunus emarginata</i> Sierran                                                                             |             |           | N        |
| 37.970.02                                                                                    | <i>Holodiscus discolor</i>                                                                                   |             |           | Y        |
| 37.970.03                                                                                    | <i>Ribes velutinum</i>                                                                                       | Provisional |           | Y        |
| 39.100.01                                                                                    | <i>Holodiscus discolor</i> / <i>Mimulus suksdorfii</i>                                                       |             |           | Y        |
| 39.100.02                                                                                    | <i>Holodiscus discolor</i> / <i>Achnatherum occidentale</i> – <i>Eriogonum nudum</i>                         |             |           | Y        |
| 39.100.03                                                                                    | <i>Holodiscus discolor</i> – <i>Arctostaphylos patula</i>                                                    |             |           | Y        |
| 39.100.04                                                                                    | <i>Holodiscus discolor</i> – <i>Keckiella corymbosa</i>                                                      |             |           | Y        |
| 39.100.05                                                                                    | <i>Holodiscus discolor</i> / <i>Sedum obtusatum</i> ssp. <i>boreale</i> – <i>Cryptogramma acrostichoides</i> |             |           | Y        |
| 39.100.06                                                                                    | <i>Holodiscus discolor</i> – <i>Sambucus racemosa</i>                                                        |             |           | Y        |
| <b><i>Prunus fasciculata</i> – <i>Salazaria mexicana</i></b>                                 |                                                                                                              |             |           |          |
| <b>33.315.00</b>                                                                             | <b>Desert almond – Mexican bladdersage scrub</b>                                                             | <b>G4</b>   | <b>S4</b> |          |
| 33.300.01                                                                                    | <i>Prunus fasciculata</i>                                                                                    | G4          |           | Y        |
| 33.300.02                                                                                    | <i>Prunus fasciculata</i> – <i>Salazaria mexicana</i>                                                        |             |           | Y        |
| 33.300.03                                                                                    | <i>Prunus fasciculata</i> – <i>Rhus trilobata</i>                                                            |             |           | Y        |
| 33.300.04                                                                                    | <i>Prunus fasciculata</i> – ( <i>Purshia stansburiana</i> – <i>Viguiera reticulata</i> )                     |             |           | Y        |
| 33.300.05                                                                                    | <i>Prunus fasciculata</i> – <i>Ambrosia eriocentra</i>                                                       |             |           | Y        |
| 33.310.01                                                                                    | <i>Salazaria mexicana</i>                                                                                    | GNR         | SNR       | Y        |
| 33.310.03                                                                                    | <i>Ambrosia salsola</i> – <i>Salazaria mexicana</i>                                                          | Provisional |           | Y        |
| 33.315.01                                                                                    | <i>Keckiella antirrhinoides</i> – <i>Prunus fasciculata</i>                                                  | Provisional |           | Y        |
| 33.315.02                                                                                    | <i>Prunus eremophila</i>                                                                                     | Provisional |           | Y        |
| 33.320.01                                                                                    | <i>Salvia dorrii</i> Wash                                                                                    | GNR         |           | Y        |
| <b><i>Prunus fremontii</i></b>                                                               |                                                                                                              |             |           |          |
| <b>33.220.00</b>                                                                             | <b>Desert apricot scrub</b>                                                                                  | <b>G4</b>   | <b>S3</b> |          |
| 33.220.01                                                                                    | <i>Prunus fremontii</i>                                                                                      | G4          |           | Y        |
| <b><i>Prunus ilicifolia</i> – <i>Heteromeles arbutifolia</i> – <i>Ceanothus spinosus</i></b> |                                                                                                              |             |           |          |
| <b>37.912.00</b>                                                                             | <b>Holly leaf cherry – toyon – greenbark ceanothus chaparral</b>                                             | <b>G5</b>   | <b>S4</b> |          |
| 37.214.01                                                                                    | <i>Ceanothus spinosus</i>                                                                                    | G4          | S4        | N        |
| 37.214.02                                                                                    | <i>Ceanothus spinosus</i> – <i>Ceanothus megacarpus</i>                                                      | G4          | S4        | N        |
| 37.910.01                                                                                    | <i>Prunus ilicifolia</i> ssp. <i>ilicifolia</i> / <i>Sanicula crassicaulis</i>                               | G2          | S2?       | Y        |
| 37.910.02                                                                                    | <i>Prunus ilicifolia</i> ssp. <i>ilicifolia</i> – <i>Heteromeles arbutifolia</i>                             | G3          | S3        | Y        |
| 37.910.03                                                                                    | <i>Prunus ilicifolia</i> ssp. <i>ilicifolia</i>                                                              |             |           | Y        |
| 37.910.04                                                                                    | <i>Prunus ilicifolia</i> ssp. <i>lyonii</i>                                                                  |             |           | Y        |
| 37.910.05                                                                                    | <i>Prunus ilicifolia</i> ssp. <i>ilicifolia</i> – <i>Ceanothus cuneatus</i>                                  |             |           | Y        |
| 37.910.06                                                                                    | <i>Prunus ilicifolia</i> ssp. <i>ilicifolia</i> – <i>Fraxinus dipetala</i>                                   |             |           | Y        |
| 37.911.01                                                                                    | <i>Heteromeles arbutifolia</i> Serpentine                                                                    |             |           | Y        |
| 37.911.02                                                                                    | <i>Heteromeles arbutifolia</i> – <i>Artemisia californica</i>                                                |             |           | Y        |
| 37.911.03                                                                                    | <i>Heteromeles arbutifolia</i> – <i>Malosma laurina</i>                                                      | G5          | S4        | N        |
| 37.911.04                                                                                    | <i>Heteromeles arbutifolia</i> – <i>Fraxinus dipetala</i>                                                    | Provisional |           | Y        |
| 37.912.01                                                                                    | <i>Heteromeles arbutifolia</i>                                                                               |             |           | Y        |
| 37.912.03                                                                                    | <i>Rhamnus crocea</i>                                                                                        | Provisional |           | Y        |
| 37.912.04                                                                                    | <i>Prunus ilicifolia</i> – <i>Rhamnus</i> ( <i>crocea</i> , <i>ilicifolia</i> )                              | Provisional |           | Y        |

**Primary Life for Shrub**

| CaCode                                                                | Name                                                                                                                    | Rarity        | Sensitive       |
|-----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|---------------|-----------------|
| 37.912.05                                                             | <i>Ceanothus ferrisiae</i> – <i>Heteromeles arbutifolia</i>                                                             |               | Y               |
| <b><i>Prunus virginiana</i></b>                                       |                                                                                                                         |               | <b>Alliance</b> |
| <b>37.905.00</b>                                                      | <b>Choke cherry thickets</b>                                                                                            | <b>G4 S4</b>  |                 |
| 37.905.02                                                             | <i>Prunus virginiana</i> – <i>Symphoricarpos rotundifolius</i>                                                          | S4            | N               |
| 37.905.03                                                             | <i>Prunus subcordata</i>                                                                                                | Provisional   | Y               |
| <b><i>Psorothamnus fremontii</i> – <i>Psorothamnus polydenius</i></b> |                                                                                                                         |               | <b>Alliance</b> |
| <b>61.590.00</b>                                                      | <b>Fremont's smokebush – Nevada smokebush scrub</b>                                                                     | <b>G4? S3</b> |                 |
| 61.590.01                                                             | <i>Psorothamnus polydenius</i> var. <i>polydenius</i> / <i>Achnatherum hymenoides</i>                                   |               | Y               |
| 61.590.03                                                             | <i>Psorothamnus polydenius</i> – ( <i>Psorothamnus arborescens</i> )                                                    |               | Y               |
| 61.590.04                                                             | <i>Psorothamnus arborescens</i>                                                                                         | Provisional   | Y               |
| 61.590.05                                                             | <i>Psorothamnus arborescens</i> – <i>Atriplex confertifolia</i> – <i>Tetradymia</i> spp.                                |               | Y               |
| 61.590.06                                                             | <i>Sarcobatus baileyi</i>                                                                                               | Provisional   | Y               |
| <b><i>Purshia stansburiana</i></b>                                    |                                                                                                                         |               | <b>Alliance</b> |
| <b>33.240.00</b>                                                      | <b>Stansbury cliff rose scrub</b>                                                                                       | <b>G3 S3</b>  |                 |
| 33.240.01                                                             | <i>Purshia stansburiana</i>                                                                                             |               | Y               |
| 33.240.02                                                             | <i>Coleogyne ramosissima</i> – <i>Purshia stansburiana</i>                                                              |               | Y               |
| 33.240.03                                                             | <i>Purshia stansburiana</i> – <i>Agave utahensis</i>                                                                    |               | Y               |
| 33.240.04                                                             | <i>Purshia stansburiana</i> – <i>Artemisia tridentata</i>                                                               |               | Y               |
| <b><i>Purshia tridentata</i> – <i>Artemisia tridentata</i></b>        |                                                                                                                         |               | <b>Alliance</b> |
| <b>35.200.00</b>                                                      | <b>Antelope bitterbrush – Big sagebrush scrub</b>                                                                       | <b>G4 S4</b>  |                 |
| 35.110.07                                                             | <i>Purshia glandulosa</i> – <i>Artemisia tridentata</i>                                                                 |               | Y               |
| 35.200.02                                                             | <i>Purshia tridentata</i> – <i>Artemisia tridentata</i> / <i>Achnatherum hymenoides</i>                                 | GNR S3        | Y               |
| 35.200.03                                                             | <i>Purshia tridentata</i> – <i>Artemisia tridentata</i>                                                                 |               | Y               |
| 35.200.06                                                             | <i>Purshia glandulosa</i>                                                                                               |               | Y               |
| 35.200.07                                                             | <i>Purshia tridentata</i>                                                                                               |               | Y               |
| 35.200.08                                                             | <i>Purshia tridentata</i> – <i>Artemisia tridentata</i> – ( <i>Tetradymia canescens</i> / <i>Eriogonum umbellatum</i> ) |               | Y               |
| 35.200.09                                                             | <i>Tetradymia canescens</i>                                                                                             | Provisional   | Y               |
| 35.200.10                                                             | <i>Purshia tridentata</i> – <i>Artemisia tridentata</i> – <i>Symphoricarpos rotundifolius</i>                           |               | N               |
| <b><i>Quercus berberidifolia</i></b>                                  |                                                                                                                         |               | <b>Alliance</b> |
| <b>37.407.00</b>                                                      | <b>Scrub oak chaparral</b>                                                                                              | <b>G4 S4</b>  |                 |
| 37.406.01                                                             | <i>Quercus berberidifolia</i> – <i>Arctostaphylos glauca</i>                                                            |               | N               |
| 37.406.02                                                             | <i>Quercus berberidifolia</i> – <i>Ceanothus integerrimus</i>                                                           |               | N               |
| 37.406.05                                                             | <i>Quercus berberidifolia</i> – <i>Ceanothus cuneatus</i>                                                               | G3 S3         | Y               |
| 37.407.01                                                             | <i>Quercus berberidifolia</i> / <i>Aesculus californica</i>                                                             | Provisional   | N               |
| 37.407.02                                                             | <i>Quercus berberidifolia</i>                                                                                           | G4 S4         | N               |
| 37.407.03                                                             | <i>Quercus</i> ( <i>berberidifolia</i> , <i>×acutidens</i> ) – <i>Adenostoma fasciculatum</i>                           |               | N               |
| 37.407.04                                                             | <i>Quercus berberidifolia</i> – <i>Heteromeles arbutifolia</i>                                                          |               | N               |
| 37.407.05                                                             | <i>Quercus berberidifolia</i> – <i>Ceanothus leucodermis</i>                                                            |               | N               |
| 37.407.06                                                             | <i>Quercus berberidifolia</i> – <i>Cercocarpus montanus</i>                                                             | G3 S3         | Y               |
| 37.407.07                                                             | <i>Quercus berberidifolia</i> – <i>Ceanothus spinosus</i>                                                               | G3 S3         | Y               |
| 37.407.12                                                             | <i>Quercus berberidifolia</i> – <i>Ceanothus</i> ( <i>oliganthus</i> , <i>tomentosus</i> )                              |               | N               |
| 37.409.01                                                             | <i>Quercus berberidifolia</i> – <i>Adenostoma fasciculatum</i> – <i>Ceanothus crassifolius</i>                          |               | N               |

## California Natural Community

**Primary Life for Shrub**

| CaCode                                   | Name                                                                                                              | Rarity            | Sensitive       |
|------------------------------------------|-------------------------------------------------------------------------------------------------------------------|-------------------|-----------------|
| 37.409.02                                | <i>Quercus berberidifolia</i> – <i>Adenostoma fasciculatum</i> – <i>Ceanothus greggii</i>                         |                   | N               |
| 37.409.03                                | <i>Quercus berberidifolia</i> – <i>Adenostoma fasciculatum</i>                                                    | G4 S4             | N               |
| <b>Quercus cornelius-mulleri</b>         |                                                                                                                   |                   | <b>Alliance</b> |
| <b>37.415.00</b>                         | <b>Muller oak chaparral</b>                                                                                       | <b>G4 S4</b>      |                 |
| 37.415.01                                | <i>Quercus cornelius-mulleri</i> – <i>Rhus ovata</i>                                                              |                   | N               |
| 37.415.02                                | <i>Quercus cornelius-mulleri</i> – <i>Eriogonum fasciculatum</i> – <i>Ericameria linearifolia</i>                 | G4 S4             | N               |
| 37.415.03                                | <i>Quercus cornelius-mulleri</i> – <i>Cercocarpus montanus</i>                                                    |                   | N               |
| 37.415.04                                | <i>Quercus cornelius-mulleri</i> – <i>Adenostoma sparsifolium</i> – <i>Ceanothus greggii</i>                      |                   | N               |
| 37.415.05                                | <i>Quercus cornelius-mulleri</i> – <i>Adenostoma sparsifolium</i> – <i>Cercocarpus montanus</i>                   |                   | N               |
| 37.415.06                                | <i>Quercus cornelius-mulleri</i> – <i>Coleogyne ramosissima</i>                                                   | G3 S3.2           | Y               |
| <b>Quercus dumosa – Quercus pacifica</b> |                                                                                                                   |                   | <b>Alliance</b> |
| <b>37.416.00</b>                         | <b>Coastal sage and Island scrub oak chaparral</b>                                                                | <b>G3 S3</b>      |                 |
| 37.416.01                                | <i>Quercus pacifica</i>                                                                                           |                   | Y               |
| 37.416.02                                | <i>Quercus pacifica</i> – ( <i>Arctostaphylos insularis</i> – <i>Ceanothus megacarpus</i> var. <i>insularis</i> ) |                   | Y               |
| 37.416.03                                | <i>Quercus pacifica</i> – <i>Rhus integrifolia</i>                                                                |                   | Y               |
| 37.416.04                                | <i>Quercus pacifica</i> / grass                                                                                   | Provisional       | Y               |
| 37.416.05                                | <i>Quercus dumosa</i>                                                                                             | Provisional G2 S2 | Y               |
| <b>Quercus durata</b>                    |                                                                                                                   |                   | <b>Alliance</b> |
| <b>37.405.00</b>                         | <b>Leather oak chaparral</b>                                                                                      | <b>G4 S4</b>      |                 |
| 37.405.01                                | <i>Quercus durata</i> – <i>Arctostaphylos glandulosa</i>                                                          | G3 S3             | Y               |
| 37.405.02                                | <i>Quercus durata</i>                                                                                             | G3 S3             | Y               |
| 37.405.03                                | <i>Quercus durata</i> – <i>Adenostoma fasciculatum</i> – <i>Quercus wislizeni</i>                                 |                   | N               |
| 37.405.04                                | <i>Quercus durata</i> – <i>Arctostaphylos glauca</i> / <i>Pinus sabiniana</i>                                     |                   | N               |
| 37.405.06                                | <i>Quercus durata</i> – <i>Arctostaphylos glauca</i> – <i>Artemisia californica</i> / Grass                       | Provisional       | Y               |
| 37.405.07                                | <i>Quercus durata</i> – <i>Arctostaphylos glauca</i> – <i>Garrya congdonii</i> / <i>Melica torreyana</i>          | Provisional G3 S3 | Y               |
| 37.405.08                                | <i>Quercus durata</i> – <i>Arctostaphylos pungens</i> / <i>Pinus sabiniana</i>                                    | G2 S2             | Y               |
| 37.405.09                                | <i>Quercus durata</i> / <i>Pinus sabiniana</i>                                                                    |                   | N               |
| 37.405.10                                | <i>Quercus durata</i> – <i>Cercocarpus montanus</i>                                                               |                   | N               |
| 37.405.11                                | <i>Quercus durata</i> – <i>Heteromeles arbutifolia</i> – <i>Umbellularia californica</i>                          | Provisional       | N               |
| 37.405.12                                | <i>Quercus durata</i> – <i>Frangula californica</i> ssp. <i>tomentella</i> – <i>Arctostaphylos glauca</i>         | Provisional       | Y               |
| 37.405.14                                | <i>Quercus durata</i> – <i>Adenostoma fasciculatum</i> / <i>Salvia sonomensis</i>                                 |                   | Y               |
| 37.405.15                                | <i>Quercus durata</i> – <i>Adenostoma fasciculatum</i>                                                            |                   | Y               |
| 37.405.16                                | <i>Quercus durata</i> – <i>Ceanothus jepsonii</i>                                                                 |                   | Y               |
| <b>Quercus garryana (shrub)</b>          |                                                                                                                   |                   | <b>Alliance</b> |
| <b>37.411.00</b>                         | <b>Brewer oak scrub</b>                                                                                           | <b>G4 S4</b>      |                 |
| 37.411.03                                | <i>Quercus garryana</i> shrub                                                                                     |                   | N               |
| 37.411.04                                | <i>Quercus garryana</i> / <i>Festuca californica</i>                                                              |                   | N               |
| 37.411.05                                | <i>Quercus garryana</i> – <i>Arctostaphylos patula</i>                                                            |                   | N               |

**Primary Life for Shrub**

| CaCode                                                               | Name                                                                                        | Rarity         | Sensitive       |
|----------------------------------------------------------------------|---------------------------------------------------------------------------------------------|----------------|-----------------|
| 37.411.06                                                            | <i>Quercus garryana</i> – <i>Cercocarpus montanus</i>                                       | Provisional    | N               |
| <b><i>Quercus john-tuckeri</i></b>                                   |                                                                                             |                | <b>Alliance</b> |
| <b>37.418.00</b>                                                     | <b>Tucker oak chaparral</b>                                                                 | <b>G4 S4</b>   |                 |
| 37.418.01                                                            | <i>Quercus john-tuckeri</i> – <i>Adenostoma fasciculatum</i>                                | G3 S3          | Y               |
| 37.418.02                                                            | <i>Quercus john-tuckeri</i> – <i>Juniperus californica</i> – <i>Fraxinus dipetala</i>       | G3 S3          | Y               |
| 37.418.03                                                            | <i>Quercus john-tuckeri</i> – <i>Quercus wislizeni</i> – <i>Garrya flavescens</i>           | G3 S3          | Y               |
| 37.418.04                                                            | <i>Quercus john-tuckeri</i>                                                                 |                | N               |
| 37.418.05                                                            | <i>Quercus john-tuckeri</i> – <i>Juniperus californica</i> – <i>Ericameria linearifolia</i> | G3 S3          | Y               |
| <b><i>Quercus palmeri</i></b>                                        |                                                                                             |                | <b>Alliance</b> |
| <b>37.419.00</b>                                                     | <b>Palmer oak chaparral</b>                                                                 | <b>G3 S2?</b>  |                 |
| 37.419.01                                                            | <i>Quercus palmeri</i> – <i>Eriogonum fasciculatum</i>                                      |                | Y               |
| 37.419.02                                                            | <i>Quercus palmeri</i> – <i>Eriogonum wrightii</i>                                          |                | Y               |
| <b><i>Quercus sadleriana</i></b>                                     |                                                                                             |                | <b>Alliance</b> |
| <b>37.412.00</b>                                                     | <b>Sadler oak or deer oak brush fields</b>                                                  | <b>G3 S3</b>   |                 |
| 37.412.01                                                            | <i>Quercus sadleriana</i>                                                                   | Provisional    | Y               |
| <b><i>Quercus turbinella</i></b>                                     |                                                                                             |                | <b>Alliance</b> |
| <b>71.095.00</b>                                                     | <b>Sonoran live oak scrub</b>                                                               | <b>G4 S1</b>   |                 |
| 71.095.02                                                            | <i>Quercus turbinella</i> – <i>Baccharis sergiloides</i>                                    |                | Y               |
| <b><i>Quercus vacciniifolia</i></b>                                  |                                                                                             |                | <b>Alliance</b> |
| <b>37.414.00</b>                                                     | <b>Huckleberry oak chaparral</b>                                                            | <b>G4 S4</b>   |                 |
| 37.414.01                                                            | <i>Quercus vacciniifolia</i>                                                                |                | N               |
| 37.414.02                                                            | <i>Quercus vacciniifolia</i> – <i>Chrysolepis sempervirens</i>                              | G4?            | N               |
| 37.414.03                                                            | <i>Quercus vacciniifolia</i> – <i>Arctostaphylos patula</i>                                 | G4?            | N               |
| <b><i>Quercus wislizeni</i> – <i>Quercus chrysolepis</i> (shrub)</b> |                                                                                             |                | <b>Alliance</b> |
| <b>37.425.00</b>                                                     | <b>Canyon live oak - Interior live oak chaparral</b>                                        | <b>G4 S3S4</b> |                 |
| 37.402.01                                                            | <i>Quercus wislizeni</i> – <i>Quercus chrysolepis shrub</i>                                 | GNR            | N               |
| 37.403.01                                                            | <i>Quercus wislizeni</i> – <i>Ceanothus leucodermis</i>                                     |                | N               |
| 37.403.02                                                            | <i>Quercus wislizeni</i> – <i>Ceanothus leucodermis</i> – <i>Arctostaphylos glandulosa</i>  |                | N               |
| 37.404.01                                                            | <i>Quercus wislizeni</i> – <i>Quercus berberidifolia</i>                                    |                | N               |
| 37.413.01                                                            | <i>Quercus chrysolepis shrub</i>                                                            |                | Y               |
| 37.413.02                                                            | <i>Quercus chrysolepis</i> – <i>Ceanothus integerrimus</i>                                  |                | Y               |
| 37.420.01                                                            | <i>Quercus wislizeni</i> var. <i>frutescens</i>                                             | G3 S3?         | Y               |
| 37.420.02                                                            | <i>Quercus</i> ( <i>parvula</i> , <i>wislizeni</i> ) – <i>Arctostaphylos glandulosa</i>     | G3 S3?         | Y               |
| 37.420.03                                                            | <i>Quercus wislizeni</i> – <i>Cercocarpus montanus</i>                                      |                | N               |
| 37.420.04                                                            | <i>Quercus wislizeni</i> – <i>Cercocarpus montanus</i> – <i>Adenostoma sparsifolium</i>     |                | N               |
| 37.420.05                                                            | <i>Quercus wislizeni</i> – <i>Cercocarpus montanus</i> – <i>Arctostaphylos glandulosa</i>   |                | N               |
| 37.420.07                                                            | <i>Quercus wislizeni</i> – <i>Ceanothus oliganthus</i>                                      | Provisional    | N               |
| 37.425.01                                                            | <i>Quercus parvula</i> (shrub)                                                              | Provisional    | Y               |
| 37.425.02                                                            | <i>Quercus agrifolia</i> – <i>Quercus chrysolepis</i> – <i>Quercus parvula</i> (shrub)      | Provisional    | Y               |
| 37.425.03                                                            | <i>Quercus wislizeni</i> – <i>Carpenteria californica</i>                                   | Provisional    | Y               |
| 37.425.04                                                            | <i>Quercus palmeri</i>                                                                      | Provisional    | Y               |

**Primary Life for Shrub**

| CaCode                                                                                  | Name                                                                                     | Rarity                     | Sensitive       |
|-----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|----------------------------|-----------------|
| <b><i>Rhododendron columbianum</i></b>                                                  |                                                                                          |                            | <b>Alliance</b> |
| <b>63.425.00</b>                                                                        | <b>Western Labrador-tea thickets</b>                                                     | <b>G4 S2</b>               |                 |
| 63.425.03                                                                               | <i>Rhododendron columbianum</i> – <i>Gaultheria shallon</i> / <i>Carex obnupta</i>       | G2                         | Y               |
| 87.080.08                                                                               | <i>Rhododendron columbianum</i> / <i>Pinus contorta</i> ssp. <i>murrayana</i>            | G3                         | Y               |
| <b><i>Rhus integrifolia</i></b>                                                         |                                                                                          |                            | <b>Alliance</b> |
| <b>37.803.00</b>                                                                        | <b>Lemonade berry scrub</b>                                                              | <b>G3 S3</b>               |                 |
| 37.803.01                                                                               | <i>Rhus integrifolia</i>                                                                 | G3 S3                      | Y               |
| 37.803.02                                                                               | <i>Rhus integrifolia</i> – <i>Adenostoma fasciculatum</i> – <i>Artemisia californica</i> |                            | Y               |
| 37.803.03                                                                               | <i>Rhus integrifolia</i> – <i>Artemisia californica</i> – <i>Eriogonum cinereum</i>      | G3 S3                      | Y               |
| 37.803.04                                                                               | <i>Rhus integrifolia</i> – <i>Opuntia</i> spp. – <i>Eriogonum cinereum</i>               | G3 S3                      | Y               |
| 37.803.05                                                                               | <i>Rhus integrifolia</i> – <i>Artemisia californica</i> – <i>Salvia mellifera</i>        |                            | Y               |
| 37.803.06                                                                               | <i>Rhus integrifolia</i> – <i>Artemisia californica</i>                                  | Provisional                | Y               |
| 37.803.07                                                                               | <i>Rhamnus pirifolia</i>                                                                 | Provisional                | Y               |
| 37.803.08                                                                               | <i>Rhus integrifolia</i> – <i>Heteromeles arbutifolia</i>                                |                            | Y               |
| 37.803.09                                                                               | <i>Rhus integrifolia</i> – <i>Malosma laurina</i>                                        |                            | Y               |
| <b><i>Rhus ovata</i></b>                                                                |                                                                                          |                            | <b>Alliance</b> |
| <b>37.801.00</b>                                                                        | <b>Sugarbush chaparral</b>                                                               | <b>G4 S4</b>               |                 |
| 37.801.01                                                                               | <i>Rhus ovata</i>                                                                        | G3 S3                      | Y               |
| 37.801.02                                                                               | <i>Rhus ovata</i> – <i>Salvia leucophylla</i> – <i>Artemisia californica</i>             | G3 S3                      | Y               |
| 37.801.03                                                                               | <i>Rhus ovata</i> – <i>Ziziphus parryi</i>                                               |                            | Y               |
| <b><i>Rhus trilobata</i> – <i>Crataegus rivularis</i> – <i>Forestiera pubescens</i></b> |                                                                                          |                            | <b>Alliance</b> |
| <b>61.580.00</b>                                                                        | <b>Basket bush – river hawthorn – desert olive patches</b>                               | <b>G4 S3?</b>              |                 |
| 37.802.01                                                                               | <i>Rhus trilobata</i>                                                                    | G3 S3                      | Y               |
| 61.580.01                                                                               | <i>Forestiera pubescens</i>                                                              | Provisional G1G S1S<br>2 2 | Y               |
| 61.580.02                                                                               | <i>Forestiera pubescens</i> – <i>Sambucus nigra</i>                                      |                            | Y               |
| 61.580.03                                                                               | <i>Sambucus nigra</i> Riparian                                                           |                            | Y               |
| <b><i>Ribes quercetorum</i> – <i>Rhus trilobata</i> – <i>Frangula californica</i></b>   |                                                                                          |                            | <b>Alliance</b> |
| <b>37.965.00</b>                                                                        | <b>Oak gooseberry – basket bush – coffeeberry thickets</b>                               | <b>GNR SNR</b>             |                 |
| 37.920.02                                                                               | <i>Frangula californica</i> ssp. <i>tomentella</i>                                       |                            | N               |
| 37.960.01                                                                               | <i>Ribes quercetorum</i>                                                                 |                            | Y               |
| 37.965.01                                                                               | <i>Prunus virginiana</i> Foothills                                                       | Provisional                | Y               |
| 37.965.02                                                                               | <i>Rhus trilobata</i> Upland                                                             |                            | N               |
| 37.965.03                                                                               | <i>Cercis occidentalis</i>                                                               | Provisional                | N               |
| 37.965.04                                                                               | <i>Frangula californica</i> – ( <i>Prunus emarginata</i> – <i>Ribes menziesii</i> )      | Provisional                | N               |
| 37.965.05                                                                               | <i>Prunus emarginata</i> Foothills                                                       | Provisional                | N               |
| 37.965.06                                                                               | <i>Sambucus nigra</i> Upland                                                             | Provisional                | Y               |
| 63.410.02                                                                               | <i>Sambucus nigra</i> / <i>Leymus condensatus</i>                                        | G3 S3?                     | Y               |
| <b><i>Rosa californica</i></b>                                                          |                                                                                          |                            | <b>Alliance</b> |
| <b>63.907.00</b>                                                                        | <b>California rose briar patches</b>                                                     | <b>G3 S3</b>               |                 |
| 63.907.01                                                                               | <i>Rosa californica</i> – <i>Baccharis pilularis</i>                                     |                            | Y               |
| 63.907.02                                                                               | <i>Rosa californica</i>                                                                  |                            | Y               |

**Primary Life for   Shrub**

| CaCode                                                                              | Name                                                                        | Rarity                       | Sensitive |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|------------------------------|-----------|
| <b><i>Rubus armeniacus</i> – <i>Sesbania punicea</i> – <i>Ficus carica</i></b>      |                                                                             | <b>Semi-Natural Alliance</b> |           |
| <b>63.906.00</b>                                                                    | <b>Himalayan blackberry – rattlebox – edible fig riparian scrub</b>         | <b>GNA SNA</b>               |           |
| 63.906.01                                                                           | <i>Rubus armeniacus</i>                                                     | GNA SNA                      | N         |
| 63.906.02                                                                           | <i>Rubus armeniacus</i> – <i>Rubus ursinus</i>                              | GNR SNR                      | N         |
| 63.906.03                                                                           | <i>Ficus carica</i>                                                         | GNA SNA                      | N         |
| 63.906.04                                                                           | <i>Sesbania punicea</i>                                                     | Provisional GNA SNA          | N         |
| <b><i>Rubus spectabilis</i> – <i>Morella californica</i></b>                        |                                                                             | <b>Alliance</b>              |           |
| <b>63.910.00</b>                                                                    | <b>Salmonberry – Wax myrtle scrub</b>                                       | <b>G4 S3</b>                 |           |
| 63.901.04                                                                           | <i>Rubus spectabilis</i>                                                    | G4 S2                        | Y         |
| 63.910.01                                                                           | <i>Morella californica</i> – <i>Rubus spp.</i>                              | G3 S3                        | Y         |
| 63.910.02                                                                           | <i>Sambucus racemosa</i> – ( <i>Rubus ursinus</i> )                         | Provisional                  | Y         |
| <b><i>Salix boothii</i> – <i>Salix geyeriana</i> – <i>Salix lutea</i></b>           |                                                                             | <b>Alliance</b>              |           |
| <b>61.218.00</b>                                                                    | <b>Booth's Willow – Geyer's Willow – Yellow Willow thickets</b>             | <b>GNR S2</b>                |           |
| 61.210.01                                                                           | <i>Salix lutea</i> / Mesic forb                                             |                              | Y         |
| 61.210.02                                                                           | <i>Salix lutea</i> / Mesic graminoid                                        |                              | Y         |
| 61.210.03                                                                           | <i>Salix lutea</i> / <i>Poa pratensis</i>                                   |                              | Y         |
| 61.210.04                                                                           | <i>Salix lutea</i> / <i>Rosa woodsii</i>                                    |                              | Y         |
| 61.212.02                                                                           | <i>Salix geyeriana</i> / mesic graminoid                                    |                              | Y         |
| 61.213.01                                                                           | <i>Salix bebbiana</i> / mesic forb                                          |                              | Y         |
| 61.218.01                                                                           | <i>Salix lucida</i> / Mesic graminoid                                       |                              | Y         |
| 61.218.02                                                                           | <i>Salix lucida</i> / Mesic forb                                            |                              | Y         |
| 61.218.03                                                                           | <i>Salix drummondiana</i>                                                   | Provisional G3               | Y         |
| 61.218.04                                                                           | <i>Salix drummondiana</i> / Mesic forb                                      | Provisional G4               | Y         |
| <b><i>Salix eastwoodiae</i></b>                                                     |                                                                             | <b>Alliance</b>              |           |
| <b>61.112.00</b>                                                                    | <b>Sierran willow thickets</b>                                              | <b>G3 S3</b>                 |           |
| 61.112.01                                                                           | <i>Salix eastwoodiae</i>                                                    | G2Q                          | Y         |
| 61.112.02                                                                           | <i>Salix eastwoodiae</i> / <i>Carex scopulorum</i>                          |                              | Y         |
| 61.112.03                                                                           | <i>Salix eastwoodiae</i> / <i>Oreostemma alpinum</i>                        |                              | Y         |
| 63.160.02                                                                           | <i>Salix eastwoodiae</i> / <i>Senecio triangularis</i>                      |                              | Y         |
| <b><i>Salix exigua</i></b>                                                          |                                                                             | <b>Alliance</b>              |           |
| <b>61.209.00</b>                                                                    | <b>Sandbar willow thickets</b>                                              | <b>G5 S4</b>                 |           |
| 61.209.01                                                                           | <i>Salix exigua</i>                                                         | GNR                          | N         |
| 61.209.02                                                                           | <i>Salix exigua</i> – <i>Arundo donax</i>                                   |                              | N         |
| 61.209.03                                                                           | <i>Salix exigua</i> – <i>Salix melanopsis</i>                               |                              | N         |
| 61.209.04                                                                           | <i>Salix exigua</i> / <i>Baccharis sergiloides</i>                          |                              | N         |
| 61.209.05                                                                           | <i>Salix exigua</i> / Mesic graminoids                                      |                              | N         |
| 61.209.06                                                                           | <i>Salix exigua</i> – <i>Brickellia californica</i>                         |                              | Y         |
| 61.209.07                                                                           | <i>Salix exigua</i> – ( <i>Salix lasiolepis</i> ) – <i>Rubus armeniacus</i> |                              | N         |
| <b><i>Salix hookeriana</i> – <i>Salix sitchensis</i> – <i>Spiraea douglasii</i></b> |                                                                             | <b>Alliance</b>              |           |
| <b>61.217.00</b>                                                                    | <b>Coastal dune willow – Sitka willow – Douglas spiraea thickets</b>        | <b>G4 S3</b>                 |           |
| 61.203.01                                                                           | <i>Salix hookeriana</i>                                                     |                              | Y         |
| 61.203.02                                                                           | <i>Salix hookeriana</i> / <i>Rubus ursinus</i>                              |                              | Y         |
| 61.206.01                                                                           | <i>Salix sitchensis</i>                                                     | Provisional                  | Y         |

**Primary Life for Shrub**

| CaCode                         | Name                                                                                                               |                    | Rarity        | Sensitive       |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------|--------------------|---------------|-----------------|
| <b><i>Salix jepsonii</i></b>   |                                                                                                                    |                    |               | <b>Alliance</b> |
| <b>61.118.00</b>               | <b>Jepson willow thickets</b>                                                                                      |                    | <b>G3 S3</b>  |                 |
| 61.118.01                      | <i>Salix jepsonii</i>                                                                                              |                    |               | Y               |
| 61.118.02                      | <i>Salix jepsonii</i> / <i>Senecio triangularis</i>                                                                |                    |               | Y               |
| 61.118.03                      | <i>Salix jepsonii</i> – <i>Paxistima myrsinites</i>                                                                |                    |               | Y               |
| 61.118.04                      | <i>Salix jepsonii</i> – <i>Cornus sericea</i>                                                                      |                    |               | Y               |
| <b><i>Salix lasiolepis</i></b> |                                                                                                                    |                    |               | <b>Alliance</b> |
| <b>61.201.00</b>               | <b>Arroyo willow thickets</b>                                                                                      |                    | <b>G4 S4</b>  |                 |
| 61.201.01                      | <i>Salix lasiolepis</i>                                                                                            |                    |               | Y               |
| 61.201.02                      | <i>Salix lasiolepis</i> / <i>Artemisia douglasiana</i>                                                             |                    |               | N               |
| 61.201.03                      | <i>Salix lasiolepis</i> – <i>Rubus spp.</i>                                                                        |                    | G4 S4?        | N               |
| 61.201.04                      | <i>Salix lasiolepis</i> – <i>Salix lucida</i>                                                                      |                    | G3 S3?        | Y               |
| 61.201.06                      | <i>Salix lasiolepis</i> – <i>Baccharis salicifolia</i>                                                             |                    | G4 S4         | N               |
| 61.201.07                      | <i>Salix lasiolepis</i> – <i>Malosma laurina</i>                                                                   |                    | G3 S3?        | Y               |
| 61.201.08                      | <i>Salix lasiolepis</i> – <i>Rosa californica</i>                                                                  |                    |               | N               |
| 61.201.09                      | <i>Salix lasiolepis</i> / Barren Ground                                                                            |                    |               | Y               |
| 61.201.10                      | <i>Salix lasiolepis</i> / <i>Rosa woodsii</i> / Mixed Herbs                                                        |                    | GNR S3        | Y               |
| <b><i>Salix lemmonii</i></b>   |                                                                                                                    |                    |               | <b>Alliance</b> |
| <b>61.113.00</b>               | <b>Lemmon's willow thickets</b>                                                                                    |                    | <b>G4 S3</b>  |                 |
| 61.113.01                      | <i>Salix lemmonii</i>                                                                                              | Provisional        |               | Y               |
| 61.113.02                      | <i>Salix lemmonii</i> / <i>Carex spp.</i>                                                                          |                    |               | Y               |
| 61.113.03                      | <i>Salix lemmonii</i> / mesic graminoid                                                                            |                    |               | Y               |
| 61.113.04                      | <i>Salix lemmonii</i> / mesic forb                                                                                 |                    |               | Y               |
| 61.113.05                      | <i>Salix lemmonii</i> / fluvent                                                                                    |                    |               | Y               |
| 61.113.06                      | <i>Salix lemmonii</i> / dry graminoid                                                                              |                    |               | Y               |
| <b><i>Salix nivalis</i></b>    |                                                                                                                    | <b>Provisional</b> |               | <b>Alliance</b> |
| <b>91.127.00</b>               | <b>Snow willow mats</b>                                                                                            |                    | <b>G4 S1?</b> |                 |
| <b><i>Salix orestera</i></b>   |                                                                                                                    |                    |               | <b>Alliance</b> |
| <b>61.115.00</b>               | <b>Sierra gray willow thickets</b>                                                                                 |                    | <b>G4 S4</b>  |                 |
| 61.115.01                      | <i>Salix orestera</i> / <i>Calamagrostis muiriana</i>                                                              |                    | GNR           | N               |
| 61.115.02                      | <i>Salix orestera</i> / <i>Senecio triangularis</i>                                                                |                    | GNR           | N               |
| 61.115.03                      | <i>Salix orestera</i> / tall forb                                                                                  |                    |               | N               |
| 63.160.03                      | <i>Salix orestera</i> / <i>Allium validum</i>                                                                      |                    |               | Y               |
| <b><i>Salix petrophila</i></b> |                                                                                                                    |                    |               | <b>Alliance</b> |
| <b>61.116.00</b>               | <b>Alpine willow turf</b>                                                                                          |                    | <b>G5 S3</b>  |                 |
| 61.116.01                      | <i>Salix petrophila</i>                                                                                            | Provisional        |               | Y               |
| 61.116.02                      | <i>Salix petrophila</i> – <i>Calamagrostis muiriana</i> – <i>Vaccinium cespitosum</i> –<br><i>Antennaria media</i> |                    | G3?           | Y               |
| 61.116.03                      | <i>Salix petrophila</i> – <i>Calamagrostis muiriana</i>                                                            |                    |               | Y               |
| <b><i>Salix planifolia</i></b> |                                                                                                                    | <b>Provisional</b> |               | <b>Alliance</b> |
| <b>61.119.00</b>               | <b>Tea-leaved willow thickets</b>                                                                                  |                    | <b>G4 S2?</b> |                 |
| 61.119.01                      | <i>Salix planifolia</i>                                                                                            | Provisional        |               | Y               |
| 61.119.02                      | <i>Salix planifolia</i> / <i>Carex scopulorum</i>                                                                  | Provisional        |               | Y               |

**Primary Life for Shrub**

| CaCode                                                          | Name                                                                                                                         |             | Rarity         | Sensitive       |
|-----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|-------------|----------------|-----------------|
| <b>Salvia apiana</b>                                            |                                                                                                                              |             |                | <b>Alliance</b> |
| <b>32.030.00</b>                                                | <b>White sage scrub</b>                                                                                                      |             | <b>G4 S3</b>   |                 |
| 32.030.01                                                       | <i>Salvia apiana</i> – <i>Artemisia californica</i>                                                                          |             |                | Y               |
| 32.030.03                                                       | <i>Salvia apiana</i> – <i>Hesperoyucca whipplei</i>                                                                          |             |                | Y               |
| 32.030.04                                                       | <i>Salvia apiana</i>                                                                                                         | Provisional | G3 S3          | Y               |
| <b>Salvia mellifera – (Artemisia californica)</b>               |                                                                                                                              |             |                | <b>Alliance</b> |
| <b>32.025.00</b>                                                | <b>Black sage – California sagebrush scrub</b>                                                                               |             | <b>G4 S3S4</b> |                 |
| 32.020.03                                                       | <i>Salvia mellifera</i>                                                                                                      |             | G4 S4          | N               |
| 32.020.06                                                       | <i>Salvia mellifera</i> – <i>Eriogonum fasciculatum</i> / <i>Bromus rubens</i>                                               |             |                | N               |
| 32.020.07                                                       | <i>Salvia mellifera</i> – <i>Eriogonum fasciculatum</i> var. <i>foliolosum</i> – <i>Eriodictyon tomentosum</i>               |             | G3 S3          | Y               |
| 32.020.08                                                       | <i>Salvia mellifera</i> – <i>Eriogonum cinereum</i>                                                                          |             | G3 S3          | Y               |
| 32.020.11                                                       | <i>Salvia mellifera</i> – <i>Rhus ovata</i>                                                                                  |             | G3 S3?         | Y               |
| 32.020.13                                                       | <i>Salvia mellifera</i> – <i>Eriogonum fasciculatum</i>                                                                      |             |                | N               |
| 32.020.14                                                       | <i>Salvia mellifera</i> – <i>Opuntia littoralis</i> – <i>Rhus integrifolia</i>                                               |             |                | Y               |
| 32.020.15                                                       | <i>Salvia mellifera</i> – <i>Artemisia californica</i> – <i>Malosma laurina</i>                                              |             |                | N               |
| 32.120.01                                                       | <i>Salvia mellifera</i> – <i>Artemisia californica</i>                                                                       |             | G4 S4          | N               |
| 32.120.03                                                       | <i>Artemisia californica</i> – <i>Salvia mellifera</i> – <i>Baccharis sarothroides</i>                                       |             |                | N               |
| 45.450.06                                                       | <i>Salvia mellifera</i> – <i>Malacothamnus fasciculatus</i>                                                                  |             | G3 S3          | Y               |
| <b>Sarcobatus vermiculatus</b>                                  |                                                                                                                              |             |                | <b>Alliance</b> |
| <b>36.400.00</b>                                                | <b>Greasewood scrub</b>                                                                                                      |             | <b>G5 S3S4</b> |                 |
| 35.331.01                                                       | <i>Chrysothamnus albidus</i>                                                                                                 | Provisional | G4 S1          | Y               |
| 36.220.01                                                       | <i>Atriplex parryi</i>                                                                                                       | Provisional | G3 S2          | Y               |
| 36.400.01                                                       | <i>Sarcobatus vermiculatus</i>                                                                                               |             |                | N               |
| 36.400.02                                                       | <i>Sarcobatus vermiculatus</i> – <i>Atriplex confertifolia</i> – ( <i>Picrothamnus desertorum</i> , <i>Suaeda moquinii</i> ) |             | S3             | Y               |
| 36.400.03                                                       | <i>Sarcobatus vermiculatus</i> / <i>Leymus cinereus</i>                                                                      |             |                | Y               |
| 36.400.04                                                       | <i>Sarcobatus vermiculatus</i> / <i>Distichlis spicata</i>                                                                   |             |                | Y               |
| 36.400.05                                                       | <i>Sarcobatus vermiculatus</i> / <i>Sporobolus airoides</i>                                                                  |             |                | Y               |
| 36.400.06                                                       | <i>Sarcobatus vermiculatus</i> Disturbed                                                                                     |             |                | N               |
| 36.400.07                                                       | <i>Sarcobatus vermiculatus</i> – <i>Suaeda moquinii</i>                                                                      |             |                | Y               |
| 36.400.08                                                       | <i>Sarcobatus vermiculatus</i> – <i>Artemisia tridentata</i>                                                                 |             | S3S4           | Y               |
| <b>Senegalia greggii – Hyptis emoryi – Justicia californica</b> |                                                                                                                              |             |                | <b>Alliance</b> |
| <b>33.045.00</b>                                                | <b>Catclaw acacia – desert lavender – chuparosa scrub</b>                                                                    |             | <b>G4 S4</b>   |                 |
| 33.040.01                                                       | <i>Senegalia greggii</i> Wash                                                                                                |             |                | N               |
| 33.040.02                                                       | <i>Senegalia greggii</i> – annual herbs ( <i>Bromus rubens</i> )                                                             |             |                | N               |
| 33.040.05                                                       | <i>Senegalia greggii</i> – <i>Ambrosia salsola</i>                                                                           |             |                | N               |
| 33.040.06                                                       | <i>Senegalia greggii</i> – <i>Viguiera parishii</i>                                                                          |             |                | N               |
| 33.040.07                                                       | <i>Senegalia greggii</i> – <i>Prunus fasciculata</i>                                                                         |             | G4 S4          | N               |
| 33.040.11                                                       | <i>Senegalia greggii</i> / <i>Eriogonum davidsonii</i>                                                                       |             |                | Y               |
| 33.040.13                                                       | <i>Senegalia greggii</i> – <i>Eriogonum fasciculatum</i>                                                                     |             |                | N               |
| 33.045.01                                                       | <i>Senegalia greggii</i> – ( <i>Ambrosia eriocentra</i> – <i>Salvia dorrii</i> )                                             |             |                | Y               |
| 33.045.02                                                       | <i>Senegalia greggii</i> – ( <i>Bebbia juncea</i> – <i>Hyptis emoryi</i> )                                                   |             |                | Y               |
| 33.190.01                                                       | <i>Hyptis emoryi</i>                                                                                                         |             | G4 S3          | Y               |
| 33.190.03                                                       | <i>Hyptis emoryi</i> – <i>Nolina bigelovii</i>                                                                               | Provisional |                | Y               |

**Primary Life for Shrub**

| CaCode                                   | Name                                                                                                        |                    | Rarity         | Sensitive                    |
|------------------------------------------|-------------------------------------------------------------------------------------------------------------|--------------------|----------------|------------------------------|
| 33.340.01                                | <i>Justicia californica</i>                                                                                 | Provisional        |                | Y                            |
| <b><i>Simmondsia chinensis</i></b>       |                                                                                                             | <b>Provisional</b> |                | <b>Alliance</b>              |
| <b>33.005.00</b>                         | <b>Jojoba scrub</b>                                                                                         |                    | <b>G4 S3?</b>  |                              |
| 33.005.01                                | <i>Simmondsia chinensis</i> – <i>Eriogonum fasciculatum</i> – <i>Cylindropuntia californica</i>             | Provisional        |                | Y                            |
| <b><i>Suaeda moquinii</i></b>            |                                                                                                             |                    |                | <b>Alliance</b>              |
| <b>36.200.00</b>                         | <b>Bush seepweed scrub</b>                                                                                  |                    | <b>G4 S3</b>   |                              |
| 36.200.01                                | <i>Suaeda moquinii</i>                                                                                      |                    | G5             | Y                            |
| 36.200.03                                | <i>Suaeda moquinii</i> – <i>Atriplex canescens</i>                                                          |                    |                | Y                            |
| 36.200.04                                | <i>Suaeda moquinii</i> / <i>Lepidium dictyotum</i>                                                          |                    |                | Y                            |
| 36.210.01                                | <i>Isocoma acradenia</i> Alkaline Wet                                                                       |                    | G3 S3          | Y                            |
| 36.210.02                                | <i>Isocoma acradenia</i> – <i>Suaeda moquinii</i>                                                           |                    | G3             | Y                            |
| <b><i>Tamarix spp.</i></b>               |                                                                                                             |                    |                | <b>Semi-Natural Alliance</b> |
| <b>63.810.00</b>                         | <b>Tamarisk thickets</b>                                                                                    |                    | <b>GNA SNA</b> |                              |
| 63.810.01                                | <i>Tamarix spp.</i>                                                                                         |                    | GNA SNA        | N                            |
| <b><i>Tetracoccus hallii</i></b>         |                                                                                                             | <b>Provisional</b> |                | <b>Alliance</b>              |
| <b>33.350.00</b>                         | <b>Hall's shrubby-spurge patches</b>                                                                        |                    | <b>G2 S1</b>   |                              |
| <b><i>Toxicodendron diversilobum</i></b> |                                                                                                             |                    |                | <b>Alliance</b>              |
| <b>37.940.00</b>                         | <b>Poison oak scrub</b>                                                                                     |                    | <b>G4 S4</b>   |                              |
| 37.940.02                                | <i>Toxicodendron diversilobum</i> – <i>Artemisia californica</i> / <i>Leymus condensatus</i>                |                    | G3 S3          | Y                            |
| 37.940.03                                | <i>Toxicodendron diversilobum</i> – <i>Diplacus aurantiacus</i>                                             |                    | G3 S3?         | Y                            |
| 37.940.04                                | <i>Toxicodendron diversilobum</i> – <i>Philadelphus lewisii</i>                                             |                    |                | N                            |
| 37.940.05                                | <i>Toxicodendron diversilobum</i> / <i>Bromus hordeaceus</i> – <i>Micropus californicus</i>                 |                    |                | N                            |
| 37.940.06                                | <i>Toxicodendron diversilobum</i> / <i>Bromus hordeaceus</i> – <i>Vicia villosa</i> – <i>Madia gracilis</i> |                    |                | N                            |
| 37.940.07                                | <i>Toxicodendron diversilobum</i> / <i>Pteridium aquilinum</i>                                              |                    |                | N                            |
| 37.940.08                                | <i>Toxicodendron diversilobum</i> / herbaceous                                                              |                    |                | N                            |
| 37.940.09                                | <i>Toxicodendron diversilobum</i> – ( <i>Baccharis pilularis</i> )                                          |                    |                | N                            |
| <b><i>Vaccinium cespitosum</i></b>       |                                                                                                             |                    |                | <b>Alliance</b>              |
| <b>45.405.00</b>                         | <b>Dwarf bilberry meadows and mats</b>                                                                      |                    | <b>G4? S3?</b> |                              |
| 45.405.02                                | <i>Vaccinium cespitosum</i> – <i>Carex nigricans</i>                                                        |                    |                | Y                            |
| 45.405.02                                | <i>Vaccinium cespitosum</i> – <i>Kalmia microphylla</i>                                                     |                    |                | Y                            |
| 45.405.03                                | <i>Vaccinium cespitosum</i> – <i>Calamagrostis muiriana</i>                                                 |                    |                | Y                            |
| 45.405.04                                | <i>Vaccinium cespitosum</i> – <i>Carex filifolia</i>                                                        |                    |                | Y                            |
| <b><i>Vaccinium uliginosum</i></b>       |                                                                                                             |                    |                | <b>Alliance</b>              |
| <b>45.410.00</b>                         | <b>Bog blueberry wet meadows</b>                                                                            |                    | <b>G4 S3</b>   |                              |
| 45.410.01                                | <i>Vaccinium uliginosum</i>                                                                                 |                    | G2G 3?         | Y                            |
| 45.410.02                                | <i>Vaccinium uliginosum</i> ssp. <i>occidentale</i> / <i>Bistorta bistortoides</i>                          |                    |                | Y                            |
| 45.410.03                                | <i>Vaccinium uliginosum</i> / <i>Aulacomnium palustre</i>                                                   |                    |                | Y                            |
| 45.410.04                                | <i>Vaccinium uliginosum</i> / <i>Sphagnum teres</i>                                                         |                    |                | Y                            |

**Primary Life for Shrub**

| CaCode                                  | Name                                                                                                                | Rarity        | Sensitive             |
|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------|---------------|-----------------------|
| <b>Venegasia carpesioides</b>           |                                                                                                                     |               | <b>Alliance</b>       |
| <b>39.030.00</b>                        | <b>Canyon sunflower scrub</b>                                                                                       | <b>G3 S3</b>  |                       |
| 39.030.01                               | <i>Venegasia carpesioides</i>                                                                                       |               | Y                     |
| <b>Vitis arizonica – Vitis girdiana</b> |                                                                                                                     |               | <b>Alliance</b>       |
| <b>63.540.00</b>                        | <b>Wild grape shrubland</b>                                                                                         | <b>G3 S3</b>  |                       |
| 63.430.01                               | <i>Vitis californica</i>                                                                                            | G3 S3         | Y                     |
| 63.430.02                               | <i>Vitis girdiana</i>                                                                                               | G3 S3         | Y                     |
| <b>Xylococcus bicolor</b>               |                                                                                                                     |               | <b>Alliance</b>       |
| <b>37.109.00</b>                        | <b>Mission manzanita chaparral</b><br><b>Mission manzanita chaparral</b>                                            | <b>G4 S3</b>  |                       |
| 37.109.01                               | <i>Adenostoma fasciculatum</i> – <i>Xylococcus bicolor</i>                                                          |               | Y                     |
| 37.109.02                               | <i>Adenostoma fasciculatum</i> – <i>Xylococcus bicolor</i> – <i>Ceanothus tomentosus</i>                            |               | Y                     |
| 37.109.05                               | <i>Adenostoma fasciculatum</i> – <i>Xylococcus bicolor</i> – <i>Ceanothus crassifolius</i>                          |               | Y                     |
| 37.109.08                               | <i>Adenostoma fasciculatum</i> – <i>Xylococcus bicolor</i> – <i>Ceanothus verrucosus</i>                            |               | Y                     |
| 37.109.09                               | <i>Adenostoma fasciculatum</i> – <i>Xylococcus bicolor</i> – <i>Cneoridium dumosum</i>                              |               | Y                     |
| 37.109.10                               | <i>Adenostoma fasciculatum</i> – <i>Xylococcus bicolor</i> – <i>Eriogonum fasciculatum</i>                          |               | Y                     |
| 37.109.11                               | <i>Xylococcus bicolor</i> – <i>Rhus integrifolia</i>                                                                |               | Y                     |
| 37.109.12                               | <i>Adenostoma fasciculatum</i> – <i>Xylococcus bicolor</i> – <i>Quercus berberidifolia</i>                          |               | Y                     |
| 37.109.13                               | <i>Adenostoma fasciculatum</i> – <i>Xylococcus bicolor</i> – <i>Salvia mellifera</i> – <i>Malosma laurina</i>       |               | Y                     |
| 37.109.14                               | <i>Adenostoma fasciculatum</i> – <i>Xylococcus bicolor</i> – <i>Ceanothus crassifolius</i> – <i>Malosma laurina</i> |               | Y                     |
| <b>Yucca schidigera</b>                 |                                                                                                                     |               | <b>Alliance</b>       |
| <b>33.070.00</b>                        | <b>Mojave yucca scrub</b>                                                                                           | <b>G4 S4</b>  |                       |
| 33.070.04                               | <i>Yucca schidigera</i> – <i>Coleogyne ramosissima</i>                                                              | G4 S4         | N                     |
| 33.070.05                               | <i>Yucca schidigera</i> – <i>Larrea tridentata</i> – <i>Ambrosia dumosa</i>                                         | G4 S4         | N                     |
| 33.070.06                               | <i>Yucca schidigera</i> – <i>Larrea tridentata</i> – <i>Ephedra nevadensis</i>                                      |               | N                     |
| 33.070.07                               | <i>Yucca schidigera</i> – <i>Eriogonum fasciculatum</i>                                                             |               | N                     |
| 33.070.08                               | <i>Yucca schidigera</i> – <i>Cylindropuntia acanthocarpa</i>                                                        |               | Y                     |
| 33.070.11                               | <i>Yucca schidigera</i> – <i>Larrea tridentata</i> – <i>Agave deserti</i>                                           |               | Y                     |
| 33.070.12                               | <i>Yucca schidigera</i> / <i>Pleuraphis rigida</i>                                                                  | G3 S3         | Y                     |
| <b>Ziziphus obtusifolia</b>             |                                                                                                                     |               | <b>Special Stands</b> |
| <b>33.225.00</b>                        | <b>Graythorn patches</b>                                                                                            | <b>G2 S2?</b> |                       |

|           |                                                                               | <u>Primary Life for</u> | <u>Non-vascular</u> |        |                 |
|-----------|-------------------------------------------------------------------------------|-------------------------|---------------------|--------|-----------------|
| CaCode    | Name                                                                          |                         |                     | Rarity | Sensitive       |
|           | <i>Aloysia wrightii</i> – <i>Pericome caudata</i> – <i>Ephedra nevadensis</i> |                         |                     |        | <b>Alliance</b> |
| 33.295.00 | Wright's beebrush – mountain tail-leaf – Nevada joint-fir                     |                         |                     | GNR S4 |                 |

Provisional

**Primary Life for Herb**

| CaCode                                                                                              | Name                                                                                                                   |                    | Rarity          | Sensitive                    |
|-----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|--------------------|-----------------|------------------------------|
| <b><i>Abronia latifolia</i> – <i>Ambrosia chamissonis</i></b>                                       |                                                                                                                        |                    |                 | <b>Alliance</b>              |
| <b>21.100.00</b>                                                                                    | <b>Dune mat</b>                                                                                                        |                    | <b>G3 S3</b>    |                              |
| 21.100.01                                                                                           | <i>Abronia latifolia</i> – <i>Calystegia soldanella</i> – <i>Lathyrus littoralis</i>                                   |                    |                 | Y                            |
| 21.100.06                                                                                           | <i>Poa douglasii</i> – <i>Lathyrus littoralis</i>                                                                      |                    |                 | Y                            |
| 21.100.11                                                                                           | <i>Ambrosia chamissonis</i>                                                                                            |                    |                 | Y                            |
| 21.101.01                                                                                           | <i>Abronia latifolia</i> – <i>Erigeron glaucus</i>                                                                     |                    |                 | Y                            |
| 21.102.01                                                                                           | <i>Ambrosia chamissonis</i> – <i>Abronia umbellata</i>                                                                 |                    |                 | Y                            |
| 21.102.02                                                                                           | <i>Ambrosia chamissonis</i> – <i>Abronia maritima</i> – <i>Cakile maritima</i>                                         |                    |                 | Y                            |
| 21.102.03                                                                                           | <i>Ambrosia chamissonis</i> – <i>Malacothrix incana</i> – <i>Carpobrotus chilensis</i> – <i>Poa douglasii</i>          |                    |                 | Y                            |
| 21.102.04                                                                                           | <i>Cakile maritima</i> – <i>Ambrosia chamissonis</i> – <i>Carpobrotus edulis</i>                                       |                    |                 | Y                            |
| 21.102.05                                                                                           | <i>Calystegia macrostegia</i> – <i>Erigeron glaucus</i> – <i>Malacothrix incana</i>                                    |                    |                 | Y                            |
| 21.125.01                                                                                           | <i>Cakile maritima</i> – <i>Abronia maritima</i>                                                                       | Provisional        |                 | Y                            |
| <b><i>Achnatherum hymenoides</i></b>                                                                |                                                                                                                        |                    |                 | <b>Alliance</b>              |
| <b>41.120.00</b>                                                                                    | <b>Indian rice grass grassland</b>                                                                                     |                    | <b>G4 S1</b>    |                              |
| 41.120.01                                                                                           | <i>Achnatherum hymenoides</i> – <i>Linanthus pungens</i>                                                               |                    |                 | Y                            |
| 41.120.02                                                                                           | <i>Achnatherum hymenoides</i> – <i>Oenothera deltoides</i>                                                             |                    |                 | Y                            |
| 41.120.03                                                                                           | <i>Achnatherum hymenoides</i> Shrub                                                                                    |                    |                 | Y                            |
| <b><i>Achnatherum speciosum</i></b>                                                                 |                                                                                                                        |                    |                 | <b>Alliance</b>              |
| <b>41.090.00</b>                                                                                    | <b>Desert needlegrass grassland</b>                                                                                    |                    | <b>G4 S2</b>    |                              |
| 41.090.01                                                                                           | <i>Achnatherum speciosum</i> Shrub                                                                                     |                    |                 | Y                            |
| <b><i>Aegilops triuncialis</i></b>                                                                  |                                                                                                                        | <b>Provisional</b> |                 | <b>Semi-Natural Alliance</b> |
| <b>42.003.00</b>                                                                                    | <b>Barbed goatgrass patches</b>                                                                                        |                    | <b>GNA SNA</b>  |                              |
| 42.003.01                                                                                           | <i>Aegilops triuncialis</i> – <i>Hemizonia congesta</i>                                                                | Provisional        |                 | N                            |
| <b><i>Agastache urticifolia</i> – <i>Geranium viscosissimum</i> – <i>Pteridium aquilinum</i></b>    |                                                                                                                        |                    |                 | <b>Alliance</b>              |
| <b>41.289.00</b>                                                                                    | <b>Nettleleaf Giant Hyssop – Sticky Geranium – Bracken Fern meadow</b>                                                 |                    | <b>GNR S4</b>   |                              |
| 41.289.01                                                                                           | <i>Wyethia mollis</i> – <i>Balsamorhiza sagittata</i>                                                                  |                    |                 | N                            |
| <b><i>Agropyron cristatum</i> – <i>Bromus inermis</i> – <i>Poa pratensis</i></b>                    |                                                                                                                        |                    |                 | <b>Semi-Natural Alliance</b> |
| <b>42.030.00</b>                                                                                    | <b>Crested wheatgrass rangelands</b>                                                                                   |                    | <b>GNA SNA</b>  |                              |
| 42.030.01                                                                                           | <i>Agropyron cristatum</i>                                                                                             |                    |                 | N                            |
| 42.030.02                                                                                           | <i>Bromus inermis</i> – ( <i>Pascopyrum smithii</i> )                                                                  |                    |                 | N                            |
| <b><i>Allium</i> spp. – <i>Streptanthus</i> spp. – <i>Hesperolinon</i> spp. <i>Serpentinite</i></b> |                                                                                                                        |                    |                 | <b>Alliance</b>              |
| <b>42.640.00</b>                                                                                    | <b>Onion – twistflower – dwarf-flax serpentinite rock outcrop</b>                                                      |                    | <b>G2G3S2S3</b> |                              |
| 42.640.01                                                                                           | <i>Streptanthus glandulosus</i> – <i>Dudleya abramsii</i> / Lichen – Moss                                              |                    |                 | Y                            |
| 42.640.02                                                                                           | <i>Pinus jeffreyi</i> – <i>Pinus sabiniana</i> Barren                                                                  | Provisional        | G2 S2           | Y                            |
| 42.640.03                                                                                           | <i>Pinus coulteri</i> – <i>Pinus sabiniana</i> Barren                                                                  | Provisional        | G2 S2           | Y                            |
| 42.640.04                                                                                           | <i>Allium falcifolium</i> – <i>Eriogonum luteolum</i> – <i>Streptanthus</i> ( <i>batrachopus</i> , <i>morrisonii</i> ) | Provisional        |                 | Y                            |
| 42.640.05                                                                                           | <i>Allium falcifolium</i> – <i>Eriogonum dasyanthemum</i> – <i>Streptanthus breweri</i>                                | Provisional        |                 | Y                            |

**Primary Life for Herb**

| CaCode                                                                            | Name                                                                                  |                    | Rarity  | Sensitive                    |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------------|---------|------------------------------|
| <b><i>Alopecurus geniculatus</i></b>                                              |                                                                                       | <b>Provisional</b> |         | <b>Alliance</b>              |
| 42.006.00                                                                         | Water foxtail meadows                                                                 |                    | G3? S3? |                              |
| <b><i>Ambrosia psilostachya</i></b>                                               |                                                                                       | <b>Provisional</b> |         | <b>Alliance</b>              |
| 33.065.00                                                                         | Western ragweed meadows                                                               |                    | G4 S4?  |                              |
| <b><i>Ammophila arenaria</i></b>                                                  |                                                                                       |                    |         | <b>Semi-Natural Alliance</b> |
| 42.010.00                                                                         | European beach grass swards                                                           |                    | GNA SNA |                              |
| 32.060.07                                                                         | <i>Baccharis pilularis</i> / <i>Ammophila arenaria</i>                                |                    |         | N                            |
| 42.010.01                                                                         | <i>Ammophila arenaria</i> – <i>Erechtites minimus</i>                                 |                    | GNA SNA | N                            |
| 42.010.02                                                                         | <i>Ammophila arenaria</i>                                                             |                    | GNA SNA | N                            |
| 42.010.04                                                                         | <i>Ammophila arenaria</i> – <i>Lupinus variicolor</i>                                 |                    | GNA SNA | N                            |
| <b><i>Amsinckia (menziesii, tessellata) – Phacelia spp.</i></b>                   |                                                                                       |                    |         | <b>Alliance</b>              |
| 42.110.00                                                                         | Fiddleneck - Phacelia Fields                                                          |                    | G5 S5   |                              |
| 42.110.01                                                                         | <i>Amsinckia menziesii</i> – <i>Erodium</i> spp.                                      |                    |         | N                            |
| 42.110.02                                                                         | <i>Amsinckia menziesii</i> – <i>Vulpia bromoides</i> – <i>Plagiobothrys canescens</i> |                    |         | N                            |
| 42.110.03                                                                         | <i>Amsinckia (intermedia, menziesii)</i>                                              |                    | G4 S4   | N                            |
| 42.110.04                                                                         | <i>Phacelia tanacetifolia</i>                                                         |                    |         | Y                            |
| 42.110.05                                                                         | <i>Amsinckia tessellata</i> – <i>Erodium cicutarium</i>                               |                    | G4 S4   | N                            |
| 42.110.06                                                                         | <i>Phacelia ciliata</i>                                                               |                    |         | Y                            |
| 42.110.07                                                                         | <i>Astragalus didymocarpus</i> – <i>Lotus wrangelianus</i>                            |                    |         | Y                            |
| 42.110.09                                                                         | <i>Phacelia cicutaria</i>                                                             | Provisional        |         | Y                            |
| 42.110.10                                                                         | <i>Amsinckia (furcata, vernicosa)</i>                                                 | Provisional        |         | Y                            |
| 42.110.11                                                                         | <i>Eriogonum (angulosum, gracillimum)</i> – <i>Amsinckia tessellata</i>               | Provisional        |         | N                            |
| 42.110.12                                                                         | <i>Croton setigerus</i> – ( <i>Trichostema lanceolatum</i> )                          | Provisional        |         | N                            |
| 42.110.13                                                                         | <i>Salvia columbariae</i> – <i>Chaenactis (freemontii, stevioides)</i>                | Provisional        |         | N                            |
| <b><i>Anemopsis californica – Helianthus nuttallii – Solidago spectabilis</i></b> |                                                                                       |                    |         | <b>Alliance</b>              |
| 52.214.00                                                                         | Yerba mansa – Nuttall's sunflower – Nevada goldenrod alkaline wet meadows             |                    | G3 S2   |                              |
| 52.214.01                                                                         | <i>Anemopsis californica</i> – <i>Juncus arcticus</i> var. <i>mexicanus</i>           |                    |         | Y                            |
| 52.214.02                                                                         | <i>Anemopsis californica</i>                                                          | Provisional        |         | Y                            |
| 52.214.03                                                                         | <i>Solidago (confinis, spectabilis)</i>                                               | Provisional        |         | Y                            |
| 52.214.04                                                                         | <i>Helianthus nuttallii</i>                                                           | Provisional        |         | Y                            |
| <b><i>Aristida purpurea – Elymus elymoides – Poa secunda</i></b>                  |                                                                                       |                    |         | <b>Alliance</b>              |
| 41.660.00                                                                         | Purple three-awn – squirreltail – curly blue grass patches                            |                    | G4 S4?  |                              |
| 41.180.05                                                                         | <i>Monolopia stricta</i> – <i>Poa secunda</i>                                         |                    |         | Y                            |
| 41.180.06                                                                         | <i>Poa secunda</i> – <i>Bromus rubens</i>                                             |                    |         | Y                            |
| 41.660.01                                                                         | <i>Poa secunda</i> – ( <i>Elymus</i> sp.) – <i>Clarkia cylindrica</i>                 |                    |         | Y                            |
| 41.660.02                                                                         | <i>Poa secunda</i> Shrub post-burn                                                    | Provisional        |         | N                            |
| 41.660.03                                                                         | <i>Aristida purpurea</i>                                                              | Provisional        |         | Y                            |
| 41.660.04                                                                         | <i>Elymus elymoides</i>                                                               | Provisional        |         | N                            |
| <b><i>Artemisia dracunculus</i></b>                                               |                                                                                       |                    |         | <b>Alliance</b>              |
| 35.160.00                                                                         | Wild tarragon patches                                                                 |                    | G4 S4   |                              |

**Primary Life for Herb**

| CaCode                                           | Name                                                                                                  | Rarity         | Sensitive                    |
|--------------------------------------------------|-------------------------------------------------------------------------------------------------------|----------------|------------------------------|
| 35.160.01                                        | <i>Artemisia dracunculus</i>                                                                          |                | N                            |
| 35.160.02                                        | <i>Artemisia dracunculus</i> – <i>Pseudognaphalium canescens</i>                                      |                | N                            |
| <b>Arthrocnemum subterminale</b>                 |                                                                                                       |                | <b>Alliance</b>              |
| <b>52.212.00</b>                                 | <b>Parish's glasswort patches</b>                                                                     | <b>G4 S2</b>   |                              |
| 52.212.01                                        | <i>Arthrocnemum subterminale</i>                                                                      | Provisional    | Y                            |
| 52.212.02                                        | <i>Arthrocnemum subterminale</i> – <i>Sarcocornia pacifica</i>                                        | G3             | Y                            |
| 52.212.03                                        | <i>Arthrocnemum subterminale</i> – <i>Monanthochloe littoralis</i>                                    |                | Y                            |
| <b>Atriplex prostrata – Cotula coronopifolia</b> |                                                                                                       |                | <b>Semi-Natural Alliance</b> |
| <b>52.211.00</b>                                 | <b>Fields of fat hen and brass buttons</b>                                                            | <b>GNA SNA</b> |                              |
| 52.211.01                                        | <i>Atriplex prostrata</i>                                                                             | GNA SNA        | N                            |
| 52.211.02                                        | <i>Atriplex prostrata</i> / annual grasses                                                            |                | N                            |
| 52.211.03                                        | <i>Atriplex prostrata</i> / <i>Distichlis spicata</i>                                                 |                | N                            |
| 52.211.04                                        | <i>Atriplex prostrata</i> / <i>Bolboschoenus maritimus</i>                                            |                | N                            |
| 52.211.05                                        | <i>Atriplex prostrata</i> / <i>Sesuvium verrucosum</i>                                                |                | N                            |
| 52.211.06                                        | <i>Cotula coronopifolia</i>                                                                           | GNA SNA        | N                            |
| <b>Avena spp. – Bromus spp.</b>                  |                                                                                                       |                | <b>Semi-Natural Alliance</b> |
| <b>42.027.00</b>                                 | <b>Wild oats and annual brome grasslands</b>                                                          | <b>GNA SNA</b> |                              |
| 42.026.02                                        | <i>Bromus hordeaceus</i> – <i>Vulpia myuros</i> var. <i>hirsuta</i>                                   | GNA SNA        | N                            |
| 42.026.07                                        | <i>Bromus hordeaceus</i> – <i>Taeniatherum caput-medusae</i>                                          | GNA SNA        | N                            |
| 42.026.08                                        | <i>Bromus hordeaceus</i> – <i>Bromus tectorum</i>                                                     | GNA SNA        | N                            |
| 42.026.09                                        | <i>Bromus hordeaceus</i> – <i>Erodium botrys</i>                                                      | GNA SNA        | N                            |
| 42.026.10                                        | <i>Bromus hordeaceus</i> – <i>Dichelostemma multiflorum</i>                                           | GNA SNA        | N                            |
| 42.026.11                                        | <i>Bromus diandrus</i> – Mixed herbs                                                                  | GNA SNA        | N                            |
| 42.026.13                                        | <i>Bromus hordeaceus</i> – <i>Erodium botrys</i> – <i>Plagiobothrys fulvus</i>                        | GNA SNA        | N                            |
| 42.026.16                                        | <i>Bromus hordeaceus</i> – <i>Limnanthes douglasii</i>                                                | GNA SNA        | N                            |
| 42.026.17                                        | <i>Bromus hordeaceus</i> – <i>Leontodon saxatilis</i>                                                 | GNA SNA        | N                            |
| 42.026.19                                        | <i>Bromus hordeaceus</i> – ( <i>Vicia villosa</i> – <i>Lolium perenne</i> ) – <i>Trifolium hirtum</i> |                | N                            |
| 42.026.20                                        | <i>Bromus hordeaceus</i> – <i>Aira caryophyllea</i>                                                   | GNA SNA        | N                            |
| 42.026.21                                        | <i>Bromus diandrus</i>                                                                                | GNA SNA        | N                            |
| 42.026.22                                        | <i>Bromus diandrus</i> – <i>Avena</i> spp.                                                            | GNA SNA        | N                            |
| 42.026.23                                        | <i>Bromus hordeaceus</i> – <i>Amsinckia menziesii</i> – <i>Hordeum murinum</i>                        | GNA SNA        | N                            |
| 42.026.24                                        | <i>Brachypodium distachyon</i> – <i>Bromus diandrus</i> / <i>Quercus douglasii</i>                    | GNA SNA        | N                            |
| 42.026.25                                        | <i>Bromus hordeaceus</i> – <i>Hordeum</i> spp. – <i>Medicago polymorpha</i>                           | GNA SNA        | N                            |
| 42.026.26                                        | <i>Hypochaeris glabra</i> – <i>Vulpia bromoides</i>                                                   | GNA SNA        | N                            |
| 42.027.01                                        | <i>Briza maxima</i>                                                                                   | Provisional    | N                            |
| 42.027.02                                        | <i>Atriplex semibaccata</i> – <i>Hordeum (murinum)</i>                                                | GNA SNA        | N                            |
| 42.040.03                                        | <i>Brachypodium distachyon</i>                                                                        |                | N                            |
| 44.150.02                                        | <i>Avena barbata</i> – <i>Avena fatua</i>                                                             | GNA SNA        | N                            |
| <b>Azolla (filiculoides, microphylla)</b>        |                                                                                                       |                | <b>Alliance</b>              |
| <b>52.106.00</b>                                 | <b>Mosquito fern mats</b>                                                                             | <b>G5 S5</b>   |                              |
| 52.106.01                                        | <i>Azolla (filiculoides, microphylla)</i>                                                             | G5 S5          | N                            |

**Primary Life for Herb**

| CaCode                                                                                 | Name                                                                      | Rarity              | Sensitive                    |
|----------------------------------------------------------------------------------------|---------------------------------------------------------------------------|---------------------|------------------------------|
| <b><i>Bidens cernua</i> – <i>Euthamia occidentalis</i> – <i>Ludwigia palustris</i></b> |                                                                           |                     | <b>Alliance</b>              |
| <b>42.205.00</b>                                                                       | <b>Nodding beggarticks – western goldentop – marsh seedbox mudflats</b>   | <b>GNR S4</b>       |                              |
| 42.205.01                                                                              | <i>Artemisia douglasiana</i>                                              |                     | N                            |
| 42.205.02                                                                              | <i>Baccharis douglasii</i>                                                | Provisional         | Y                            |
| 42.205.05                                                                              | <i>Euthamia occidentalis</i>                                              | Provisional G3      | Y                            |
| 42.207.04                                                                              | <i>Bidens frondosa</i>                                                    | Provisional         | Y                            |
| 52.206.01                                                                              | <i>Grindelia camporum</i>                                                 |                     | Y                            |
| <b><i>Bolboschoenus maritimus</i></b>                                                  |                                                                           |                     | <b>Alliance</b>              |
| <b>52.112.00</b>                                                                       | <b>Salt marsh bulrush marshes</b>                                         | <b>G4 S3</b>        |                              |
| 52.112.03                                                                              | <i>Bolboschoenus maritimus</i>                                            | G3                  | Y                            |
| 52.112.04                                                                              | <i>Bolboschoenus maritimus</i> – <i>Sarcocornia pacifica</i>              |                     | Y                            |
| 52.112.05                                                                              | <i>Bolboschoenus maritimus</i> / <i>Sesuvium verrucosum</i>               |                     | Y                            |
| <b><i>Brassica nigra</i> – <i>Centaurea (solstitialis, melitensis)</i></b>             |                                                                           |                     | <b>Semi-Natural Alliance</b> |
| <b>42.013.00</b>                                                                       | <b>Upland mustards or star-thistle fields</b>                             | <b>GNA SNA</b>      |                              |
| 42.011.01                                                                              | <i>Brassica nigra</i>                                                     | GNA SNA             | N                            |
| 42.011.02                                                                              | <i>Brassica nigra</i> – <i>Bromus diandrus</i>                            | GNA SNA             | N                            |
| 42.011.04                                                                              | <i>Raphanus sativus</i>                                                   | GNA SNA             | N                            |
| 42.011.05                                                                              | <i>Hirschfeldia incana</i>                                                | Provisional GNA SNA | N                            |
| 42.011.06                                                                              | <i>Euphorbia terracina</i>                                                | Provisional GNA SNA | N                            |
| 42.011.07                                                                              | <i>Cynara cardunculus</i>                                                 | Provisional GNA SNA | N                            |
| 42.013.01                                                                              | <i>Carduus pycnocephalus</i> – <i>Silybum marianum</i>                    | Provisional GNA SNA | N                            |
| 42.040.04                                                                              | <i>Centaurea spp.</i> – <i>Brachypodium distachyon</i>                    | GNA SNA             | N                            |
| 42.042.01                                                                              | <i>Centaurea melitensis</i>                                               | GNA SNA             | N                            |
| 42.042.02                                                                              | <i>Centaurea solstitialis</i>                                             | GNA SNA             | N                            |
| <b><i>Brassica tournefortii</i> – <i>Malcolmia africana</i></b>                        |                                                                           | <b>Provisional</b>  | <b>Semi-natural Alliance</b> |
| <b>42.012.00</b>                                                                       | <b>Tournefort's mustard and other ruderal desert forb patches</b>         | <b>GNR SNR</b>      |                              |
| 42.011.03                                                                              | <i>Brassica tournefortii</i> / <i>Ambrosia dumosa</i>                     |                     | N                            |
| 42.012.01                                                                              | <i>Malcolmia africana</i>                                                 | Provisional         | N                            |
| <b><i>Bromus carinatus</i> – <i>Elymus glaucus</i></b>                                 |                                                                           |                     | <b>Alliance</b>              |
| <b>41.131.00</b>                                                                       | <b>California brome – blue wildrye prairie</b>                            | <b>G3 S3</b>        |                              |
| 41.131.01                                                                              | <i>Bromus carinatus</i>                                                   | G3 S3               | Y                            |
| 41.131.02                                                                              | <i>Pteridium aquilinum</i> – Grass                                        | G3 S3               | Y                            |
| 41.131.03                                                                              | <i>Thermopsis californica</i> – <i>Bromus carinatus</i> – Annual Brome    | G3 S3               | Y                            |
| 41.640.01                                                                              | <i>Elymus glaucus</i>                                                     | G3 S3               | Y                            |
| <b><i>Bromus rubens</i> – <i>Schismus (arabicus, barbatus)</i></b>                     |                                                                           |                     | <b>Semi-Natural Alliance</b> |
| <b>42.024.00</b>                                                                       | <b>Red brome or Mediterranean grass grasslands</b>                        | <b>GNA SNA</b>      |                              |
| 42.024.01                                                                              | <i>Bromus (madritensis, rubens)</i> – <i>Erodium cicutarium</i>           |                     | N                            |
| 42.024.02                                                                              | <i>Bromus rubens</i> – mixed herbs                                        |                     | N                            |
| 42.024.03                                                                              | <i>Schismus playa</i>                                                     |                     | N                            |
| 42.024.04                                                                              | <i>Schismus (arabicus, barbatus)</i>                                      | Provisional         | N                            |
| 42.024.05                                                                              | <i>Bromus rubens</i> – <i>Erodium cicutarium</i> – <i>Chaenactis spp.</i> |                     | N                            |

**Primary Life for Herb**

| CaCode                                                                | Name                                                                                                            | Rarity                       | Sensitive                    |
|-----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|------------------------------|------------------------------|
| <b><i>Bromus tectorum</i> – <i>Taeniatherum caput-medusae</i></b>     |                                                                                                                 | <b>Semi-Natural Alliance</b> |                              |
| <b>42.020.00</b>                                                      | <b>Cheatgrass – medusahead grassland</b>                                                                        | <b>GNA SNA</b>               |                              |
| 42.020.01                                                             | <i>Bromus tectorum</i>                                                                                          | GNA SNA                      | N                            |
| 42.020.02                                                             | <i>Bromus tectorum</i> – <i>Bromus diandrus</i>                                                                 | GNA SNA                      | N                            |
| 42.020.03                                                             | <i>Elymus caput-medusae</i>                                                                                     | GNA SNA                      | N                            |
| 42.020.04                                                             | <i>Ventenata dubia</i>                                                                                          | Provisional GNA SNA          | N                            |
| <b><i>Cakile (edentula, maritima)</i></b>                             |                                                                                                                 | <b>Provisional</b>           | <b>Semi-Natural Alliance</b> |
| <b>21.125.00</b>                                                      | <b>Sea rocket sands</b>                                                                                         | <b>SNA</b>                   |                              |
| 21.125.02                                                             | <i>Cakile (edentula, maritima)</i>                                                                              | Provisional                  | N                            |
| <b><i>Calamagrostis muiriana</i></b>                                  |                                                                                                                 |                              | <b>Alliance</b>              |
| <b>45.141.00</b>                                                      | <b>Shorthair reed grass meadows</b>                                                                             | <b>G4 S4</b>                 |                              |
| 45.141.01                                                             | <i>Calamagrostis muiriana</i> – <i>Juncus drummondii</i>                                                        |                              | N                            |
| 45.141.02                                                             | <i>Calamagrostis muiriana</i> – <i>Oreostemma alpigenum</i>                                                     |                              | N                            |
| 45.141.03                                                             | <i>Calamagrostis muiriana</i> – <i>Ptilagrostis kingii</i>                                                      |                              | N                            |
| 45.141.04                                                             | <i>Calamagrostis muiriana</i> – <i>Trisetum spicatum</i>                                                        |                              | N                            |
| <b><i>Calamagrostis nutkaensis</i></b>                                |                                                                                                                 |                              | <b>Alliance</b>              |
| <b>41.190.00</b>                                                      | <b>Pacific reed grass meadows</b>                                                                               | <b>G4 S2</b>                 |                              |
| 41.190.01                                                             | <i>Calamagrostis nutkaensis</i> / <i>Baccharis pilularis</i>                                                    | G2 S1.2                      | Y                            |
| 41.190.02                                                             | <i>Calamagrostis nutkaensis</i> – <i>Carex (obnupta)</i> – <i>Juncus (patens)</i>                               | G2 S2.1                      | Y                            |
| 41.190.03                                                             | <i>Calamagrostis nutkaensis</i>                                                                                 |                              | Y                            |
| <b><i>Calamagrostis purpurascens</i></b>                              |                                                                                                                 |                              | <b>Alliance</b>              |
| <b>41.211.00</b>                                                      | <b>Fell-fields with purple reed grass</b>                                                                       | <b>G4? S4?</b>               |                              |
| 41.211.01                                                             | <i>Calamagrostis purpurascens</i> – <i>Linanthus pungens</i>                                                    | GNR                          | N                            |
| 41.211.02                                                             | <i>Calamagrostis purpurascens</i> – <i>Ericameria parryi</i> var. <i>monocephala</i> – <i>Linanthus pungens</i> |                              | N                            |
| 41.211.03                                                             | <i>Calamagrostis purpurascens</i> / <i>Ribes cereum</i>                                                         |                              | N                            |
| <b><i>Calamagrostis scopulorum</i> – <i>Andropogon glomeratus</i></b> |                                                                                                                 |                              | <b>Alliance</b>              |
| <b>41.195.00</b>                                                      | <b>Ditch reedgrass – bushy bluestem saturated hanging garden</b>                                                | <b>G3 S1</b>                 |                              |
| 41.195.01                                                             | <i>Andropogon glomeratus</i> – <i>Schoenus nigricans</i>                                                        | G1 S1                        | Y                            |
| <b><i>Carex barbarae</i></b>                                          |                                                                                                                 |                              | <b>Alliance</b>              |
| <b>45.142.00</b>                                                      | <b>White-root beds</b>                                                                                          | <b>G2? S2?</b>               |                              |
| 45.142.01                                                             | <i>Carex barbarae</i>                                                                                           |                              | Y                            |
| <b><i>Carex breweri</i></b>                                           |                                                                                                                 |                              | <b>Alliance</b>              |
| <b>45.150.00</b>                                                      | <b>Brewer sedge mats</b>                                                                                        | <b>G4 S3</b>                 |                              |
| 45.150.01                                                             | <i>Carex breweri</i>                                                                                            | G3?                          | Y                            |
| 45.150.02                                                             | <i>Carex breweri</i> – <i>Poa wheeleri</i>                                                                      |                              | Y                            |
| 45.150.03                                                             | <i>Carex breweri</i> – <i>Cistanthe umbellata</i>                                                               |                              | Y                            |
| <b><i>Carex congdonii</i></b>                                         |                                                                                                                 | <b>Provisional</b>           | <b>Alliance</b>              |
| <b>45.160.00</b>                                                      | <b>Congdon's sedge talus</b>                                                                                    | <b>G2 S2</b>                 |                              |
| 45.160.01                                                             | <i>Arnica amplexicaulis</i> – <i>Carex congdonii</i>                                                            | Provisional                  | Y                            |

**Primary Life for Herb**

| CaCode                                                         | Name                                                                                | Rarity             | Sensitive       |
|----------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------|-----------------|
| <b>Carex filifolia</b>                                         |                                                                                     |                    | <b>Alliance</b> |
| <b>45.140.00</b>                                               | <b>Shorthair sedge turf</b>                                                         | <b>G4 S4</b>       |                 |
| 45.140.01                                                      | <i>Carex filifolia</i> – <i>Trisetum spicatum</i>                                   | GNR                | N               |
| 45.140.05                                                      | <i>Carex filifolia</i> – <i>Erigeron algidus</i>                                    |                    | N               |
| 45.140.06                                                      | <i>Carex filifolia</i>                                                              | G3?                | Y               |
| 45.140.07                                                      | <i>Carex filifolia</i> – <i>Saxifraga aprica</i>                                    |                    | N               |
| 45.140.08                                                      | <i>Carex filifolia</i> – <i>Penstemon heterodoxus</i>                               | GNR                | N               |
| 45.140.09                                                      | <i>Carex filifolia</i> – <i>Calamagrostis muiriana</i>                              |                    | N               |
| 45.140.10                                                      | <i>Carex filifolia</i> – <i>Cistanthe monosperma</i>                                |                    | N               |
| <b>Carex helleri</b>                                           |                                                                                     |                    | <b>Alliance</b> |
| <b>45.145.00</b>                                               | <b>Heller's sedge fell-fields</b>                                                   | <b>G4 S2</b>       |                 |
| 45.145.03                                                      | <i>Carex helleri</i> – <i>Saxifraga tolmiei</i> – <i>Luzula divaricata</i>          |                    | Y               |
| 45.145.04                                                      | <i>Carex helleri</i> – <i>Poa suksdorfii</i>                                        |                    | Y               |
| 45.145.05                                                      | <i>Carex helleri</i> – <i>Eriogonum incanum</i> – <i>Raillardella argentea</i>      |                    | Y               |
| 45.145.06                                                      | <i>Carex helleri</i> – <i>Arabis platysperma</i> – <i>Penstemon heterodoxus</i>     |                    | Y               |
| <b>Carex heteroneura</b>                                       |                                                                                     | <b>Provisional</b> | <b>Alliance</b> |
| <b>45.115.00</b>                                               | <b>Different-nerve sedge patches</b>                                                | <b>G3? S3?</b>     |                 |
| 45.115.01                                                      | <i>Carex heteroneura</i> – <i>Achillea millefolium</i>                              | Provisional        | Y               |
| <b>Carex jonesii</b>                                           |                                                                                     |                    | <b>Alliance</b> |
| <b>45.162.00</b>                                               | <b>Jones's sedge turf</b>                                                           | <b>G4 S3</b>       |                 |
| 45.162.01                                                      | <i>Carex jonesii</i> – <i>Bistorta bistortoides</i>                                 |                    | Y               |
| 45.162.02                                                      | <i>Carex jonesii</i>                                                                |                    | Y               |
| 45.162.03                                                      | <i>Carex jonesii</i> / <i>Sphagnum subsecundum</i>                                  |                    | Y               |
| <b>Carex lasiocarpa</b>                                        |                                                                                     | <b>Provisional</b> | <b>Alliance</b> |
| <b>45.166.00</b>                                               | <b>Slender sedge meadows</b>                                                        | <b>G5? S3?</b>     |                 |
| 45.166.01                                                      | <i>Carex lasiocarpa</i>                                                             |                    | Y               |
| <b>Carex limosa – Carex simulata – Eleocharis quinqueflora</b> |                                                                                     |                    | <b>Alliance</b> |
| <b>45.192.00</b>                                               | <b>Mud Sedge - Short Beaked Sedge - Seaside Arrow-grass Fen Alliance</b>            | <b>GNR S3</b>      |                 |
| 45.110.03                                                      | <i>Carex limosa</i> – <i>Mimulus primuloides</i>                                    |                    | Y               |
| 45.120.02                                                      | <i>Carex scopulorum</i> – <i>Pedicularis groenlandica</i>                           |                    | Y               |
| 45.120.03                                                      | <i>Carex scopulorum</i> – <i>Eriophorum crinigerum</i>                              |                    | Y               |
| 45.120.04                                                      | <i>Carex scopulorum</i> – <i>Eleocharis quinqueflora</i>                            |                    | Y               |
| 45.120.06                                                      | <i>Carex scopulorum</i> / <i>Aulacomnium palustre</i>                               |                    | Y               |
| 45.168.02                                                      | <i>Carex lenticularis</i> / <i>Aulacomnium palustre</i>                             |                    | Y               |
| 45.168.03                                                      | <i>Carex lenticularis</i> / <i>Perideridia parishii</i>                             |                    | Y               |
| 45.178.01                                                      | <i>Carex limosa</i> / <i>Drepanocladus sordidus</i>                                 |                    | Y               |
| 45.178.02                                                      | <i>Carex limosa</i> – <i>Menyanthes trifoliata</i>                                  |                    | Y               |
| 45.179.01                                                      | <i>Carex luzulina</i> – <i>Philonotis fontana</i>                                   | Provisional        | Y               |
| 45.190.01                                                      | <i>Carex simulata</i>                                                               |                    | Y               |
| 45.190.02                                                      | <i>Carex simulata</i> / <i>Aulacomnium palustre</i>                                 |                    | Y               |
| 45.190.03                                                      | <i>Carex simulata</i> / <i>Philonotis fontana</i>                                   |                    | Y               |
| 45.190.04                                                      | <i>Carex simulata</i> – <i>Carex utriculata</i>                                     |                    | Y               |
| 45.190.05                                                      | <i>Carex simulata</i> – <i>Carex vesicaria</i>                                      |                    | Y               |
| 45.191.01                                                      | <i>Carex echinata</i> / ( <i>Philonotis fontana</i> – <i>Sphagnum subsecundum</i> ) |                    | Y               |

**Primary Life for Herb**

| CaCode                                                                                | Name                                                                                          | Rarity             | Sensitive       |
|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|--------------------|-----------------|
| 45.192.01                                                                             | <i>Carex vesicaria</i> Fen                                                                    |                    | Y               |
| 45.192.02                                                                             | <i>Carex utriculata</i> Fen                                                                   |                    | Y               |
| 45.192.03                                                                             | <i>Carex capitata</i> Fen                                                                     | Provisional        | Y               |
| 45.220.01                                                                             | <i>Eleocharis quinqueflora</i>                                                                | G4                 | N               |
| 45.220.02                                                                             | <i>Eleocharis quinqueflora</i> – <i>Mimulus primuloides</i>                                   |                    | Y               |
| 45.220.03                                                                             | <i>Eleocharis quinqueflora</i> / <i>Aulacomnium palustre</i>                                  |                    | Y               |
| 45.220.04                                                                             | <i>Eleocharis quinqueflora</i> / <i>Campylium stellatum</i>                                   |                    | Y               |
| 45.220.05                                                                             | <i>Eleocharis quinqueflora</i> / <i>Drepanocladus aduncus</i> – <i>Drepanocladus sordidus</i> |                    | Y               |
| 45.220.06                                                                             | <i>Eleocharis quinqueflora</i> / <i>Philonotis fontana</i>                                    |                    | Y               |
| 45.413.01                                                                             | <i>Bistorta bistortoides</i> – <i>Mimulus primuloides</i>                                     |                    | Y               |
| 45.413.02                                                                             | <i>Bistorta bistortoides</i>                                                                  |                    | N               |
| 45.413.03                                                                             | <i>Mimulus primuloides</i>                                                                    |                    | Y               |
| 45.567.03                                                                             | <i>Juncus nevadensis</i> – ( <i>Carex simulata</i> )                                          |                    | Y               |
| <b><i>Carex lyngbyei</i></b>                                                          |                                                                                               | <b>Provisional</b> | <b>Alliance</b> |
| 45.167.00                                                                             | Lyngbye's sedge swathes                                                                       | GNR S1             |                 |
| <b><i>Carex nigricans</i></b>                                                         |                                                                                               | <b>Provisional</b> | <b>Alliance</b> |
| 45.164.00                                                                             | Black alpine sedge meadows                                                                    | G4 S3?             |                 |
| 45.164.02                                                                             | <i>Carex nigricans</i> – <i>Kalmia microphylla</i>                                            | Provisional        | Y               |
| <b><i>Carex nudata</i></b>                                                            |                                                                                               |                    | <b>Alliance</b> |
| 45.182.00                                                                             | Torrent sedge patches                                                                         | G3 S3              |                 |
| 45.182.01                                                                             | <i>Carex nudata</i>                                                                           |                    | Y               |
| <b><i>Carex obnupta</i> – <i>Oenanthe sarmentosa</i> – <i>Scirpus microcarpus</i></b> |                                                                                               |                    | <b>Alliance</b> |
| 45.189.00                                                                             | Slough sedge – Water-parsley – Small-fruited bulrush marsh                                    | G4 S3              |                 |
| 38.140.01                                                                             | <i>Argentina egedii</i>                                                                       |                    | Y               |
| 38.140.02                                                                             | <i>Argentina egedii</i> – <i>Alopecurus aequalis</i>                                          |                    | Y               |
| 38.140.03                                                                             | <i>Argentina egedii</i> – <i>Eleocharis macrostachya</i>                                      |                    | Y               |
| 38.140.04                                                                             | <i>Argentina egedii</i> – <i>Lotus uliginosus</i>                                             |                    | Y               |
| 38.140.06                                                                             | <i>Carex obnupta</i> – <i>Argentina egedii</i>                                                | Provisional        | Y               |
| 38.140.07                                                                             | <i>Argentina egedii</i> – ( <i>Juncus lescurii</i> )                                          |                    | Y               |
| 45.183.01                                                                             | <i>Carex obnupta</i>                                                                          |                    | Y               |
| 45.183.02                                                                             | <i>Carex obnupta</i> – <i>Juncus lescurii</i>                                                 |                    | Y               |
| 45.183.03                                                                             | <i>Carex obnupta</i> – <i>Juncus patens</i>                                                   | G3 S3?             | Y               |
| 45.569.01                                                                             | <i>Juncus lescurii</i>                                                                        |                    | Y               |
| 52.113.05                                                                             | <i>Scirpus microcarpus</i> Pacific Coast                                                      |                    | Y               |
| 52.119.01                                                                             | <i>Oenanthe sarmentosa</i>                                                                    |                    | Y               |
| <b><i>Carex spectabilis</i></b>                                                       |                                                                                               |                    | <b>Alliance</b> |
| 45.155.00                                                                             | Showy sedge sod                                                                               | G4 S3              |                 |
| 45.155.01                                                                             | <i>Carex spectabilis</i> – <i>Sibbaldia procumbens</i>                                        | G3?                | Y               |
| 45.155.02                                                                             | <i>Carex spectabilis</i> – <i>Senecio triangularis</i>                                        |                    | Y               |
| <b><i>Carex stramineiformis</i></b>                                                   |                                                                                               | <b>Provisional</b> | <b>Alliance</b> |
| 45.185.00                                                                             | Mount Shasta sedge meadows                                                                    | G3? S3?            |                 |
| 45.185.01                                                                             | <i>Carex stramineiformis</i>                                                                  | Provisional        | Y               |

**Primary Life for Herb**

| CaCode                                             | Name                                                                          | Rarity             | Sensitive                    |
|----------------------------------------------------|-------------------------------------------------------------------------------|--------------------|------------------------------|
| 45.185.02                                          | <i>Achnatherum lemmonii</i> – <i>Carex stramineiformis</i>                    | Provisional        | Y                            |
| <b>Carex subnigricans</b>                          |                                                                               |                    | <b>Alliance</b>              |
| <b>45.186.00</b>                                   | <b>Dark alpine sedge turf</b>                                                 | <b>G4 S3</b>       |                              |
| 45.110.22                                          | <i>Carex vernacula</i> – <i>Antennaria media</i>                              |                    | Y                            |
| 45.186.01                                          | <i>Carex subnigricans</i> – <i>Antennaria media</i>                           |                    | Y                            |
| 45.186.02                                          | <i>Carex subnigricans</i> – <i>Oreostemma alpigenum</i>                       |                    | Y                            |
| 45.186.03                                          | <i>Carex subnigricans</i> – <i>Dodecatheon alpinum</i>                        |                    | Y                            |
| 45.186.04                                          | <i>Carex subnigricans</i> – <i>Pedicularis attollens</i>                      |                    | Y                            |
| 45.186.05                                          | <i>Carex subnigricans</i> – <i>Deschampsia cespitosa</i>                      |                    | Y                            |
| <b>Carex utriculata – Calamagrostis canadensis</b> |                                                                               |                    | <b>Alliance</b>              |
| <b>45.240.00</b>                                   | <b>Northwest Territory sedge – Bluejoint Graminoid Wet Meadow &amp; Marsh</b> | <b>GNR S3</b>      |                              |
| 41.222.01                                          | <i>Glyceria elata</i>                                                         |                    | Y                            |
| 41.222.02                                          | <i>Glyceria elata</i> – <i>Scirpus microcarpus</i>                            |                    | Y                            |
| 41.222.03                                          | <i>Glyceria elata</i> – <i>Lotus oblongifolius</i>                            |                    | Y                            |
| 41.222.04                                          | <i>Glyceria striata</i>                                                       | G3                 | Y                            |
| 41.224.04                                          | <i>Calamagrostis canadensis</i> – <i>Scirpus microcarpus</i>                  |                    | Y                            |
| 41.224.05                                          | <i>Calamagrostis canadensis</i> – ( <i>Carex utriculata</i> )                 |                    | Y                            |
| 45.120.01                                          | <i>Carex scopulorum</i>                                                       | G5                 | Y                            |
| 45.120.05                                          | <i>Carex scopulorum</i> / <i>Oreostemma alpigenum</i>                         |                    | Y                            |
| 45.120.07                                          | <i>Carex scopulorum</i> – <i>Allium validum</i>                               |                    | Y                            |
| 45.120.08                                          | <i>Carex scopulorum</i> – <i>Mimulus primuloides</i>                          |                    | Y                            |
| 45.130.01                                          | <i>Carex nebrascensis</i>                                                     | G4                 | N                            |
| 45.130.02                                          | <i>Carex nebrascensis</i> – <i>Ptilagrostis kingii</i>                        |                    | N                            |
| 45.168.01                                          | <i>Carex aquatilis</i>                                                        |                    | Y                            |
| 45.168.04                                          | <i>Carex aquatilis</i> – <i>Carex lenticularis</i>                            |                    | Y                            |
| 45.171.01                                          | <i>Torreyochloa pallida</i> var. <i>pauciflora</i>                            |                    | Y                            |
| 45.171.02                                          | <i>Torreyochloa pallida</i> var. <i>pauciflora</i> – <i>Isoetes bolanderi</i> |                    | Y                            |
| 45.181.01                                          | <i>Carex microptera</i>                                                       | Provisional        | Y                            |
| 45.240.01                                          | <i>Eleocharis macrostachya</i> Montane                                        |                    | Y                            |
| 45.240.02                                          | <i>Glyceria occidentalis</i>                                                  | Provisional        | Y                            |
| 45.240.03                                          | <i>Eleocharis acicularis</i> Montane                                          |                    | Y                            |
| 45.240.04                                          | <i>Carex vesicaria</i> Meadow                                                 | G4                 | N                            |
| 45.240.05                                          | <i>Carex utriculata</i> Meadow                                                | G5                 | N                            |
| 52.113.02                                          | <i>Scirpus microcarpus</i> – <i>Oxypolis occidentalis</i>                     |                    | Y                            |
| 52.113.03                                          | <i>Scirpus microcarpus</i> – <i>Scirpus congdonii</i>                         |                    | Y                            |
| 52.113.04                                          | <i>Scirpus microcarpus</i> Montane                                            |                    | Y                            |
| 52.121.01                                          | <i>Carex utriculata</i> – <i>Mimulus primuloides</i>                          |                    | N                            |
| <b>Centaurea (virgata)</b>                         |                                                                               | <b>Provisional</b> | <b>Semi-Natural Alliance</b> |
| <b>42.043.00</b>                                   | <b>Knapweed and purple-flowered star-thistle fields</b>                       | <b>GNA SNA</b>     |                              |
| <b>Centromadia (pungens)</b>                       |                                                                               |                    | <b>Alliance</b>              |
| <b>44.160.00</b>                                   | <b>Tar plant fields</b>                                                       | <b>G2 S2</b>       |                              |
| 44.160.01                                          | <i>Centromadia pungens</i> ssp. <i>laevis</i>                                 |                    | Y                            |

**Primary Life for Herb**

| CaCode                                                           | Name                                                                                                        |                    | Rarity         | Sensitive                    |
|------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|--------------------|----------------|------------------------------|
| 44.160.02                                                        | <i>Centromadia pungens</i> – <i>Downingia bella</i>                                                         |                    |                | Y                            |
| 44.160.03                                                        | <i>Centromadia pungens</i> – <i>Lepidium dictyotum</i>                                                      |                    |                | Y                            |
| <b>Ceratophyllum demersum Aquatic</b>                            |                                                                                                             | <b>Provisional</b> |                | <b>Alliance</b>              |
| <b>52.126.00</b>                                                 | <b>Raccoon's tail mats</b>                                                                                  |                    | <b>G5 S4</b>   |                              |
| 52.126.01                                                        | <i>Ceratophyllum demersum</i> Western                                                                       | Provisional        | G5 S4          | N                            |
| <b>Chorizanthe rigida – Geraea canescens Desert Pavement</b>     |                                                                                                             |                    |                | <b>Alliance</b>              |
| <b>22.310.00</b>                                                 | <b>Rigid spineflower – hairy desert sunflower</b>                                                           |                    | <b>G4 S4</b>   |                              |
| 22.310.01                                                        | <i>Chorizanthe brevicornu</i> – <i>Stephanomeria pauciflora</i>                                             | Provisional        |                | Y                            |
| 23.310.02                                                        | <i>Aliciella latifolia</i> – <i>Nama pusillum</i> – <i>Phacelia rotundifolia</i>                            | Provisional        |                | Y                            |
| 33.380.01                                                        | <i>Chorizanthe rigida</i> – <i>Geraea canescens</i> Desert Pavement                                         |                    | SNR            | Y                            |
| <b>Cistanthe (umbellata) – Gayophytum (diffusum)</b>             |                                                                                                             |                    |                | <b>Alliance</b>              |
| <b>45.311.00</b>                                                 | <b>Pussypaws – groundsmoke openings</b>                                                                     |                    | <b>G4 S4</b>   |                              |
| 45.311.01                                                        | <i>Astragalus bolanderi</i> – ( <i>Cistanthe umbellatum</i> )                                               |                    |                | N                            |
| 45.311.02                                                        | <i>Cistanthe umbellata</i> – <i>Achnatherum occidentale</i>                                                 |                    |                | N                            |
| 45.311.03                                                        | <i>Cistanthe</i> – <i>Castilleja arachnoidea</i>                                                            |                    |                | N                            |
| 45.311.04                                                        | <i>Polygonum douglasii</i> – <i>Gayophytum diffusum</i>                                                     |                    |                | N                            |
| <b>Cladium californicum</b>                                      |                                                                                                             |                    |                | <b>Alliance</b>              |
| <b>52.160.00</b>                                                 | <b>California sawgrass alkaline seep</b>                                                                    |                    | <b>G4 S1</b>   |                              |
| 52.160.01                                                        | <i>Cladium californicum</i>                                                                                 | Provisional        | G4 S1          | Y                            |
| <b>Conium maculatum – Foeniculum vulgare</b>                     |                                                                                                             |                    |                | <b>Semi-Natural Alliance</b> |
| <b>45.556.00</b>                                                 | <b>Poison hemlock or fennel patches</b>                                                                     |                    | <b>GNA SNA</b> |                              |
| 45.556.01                                                        | <i>Conium maculatum</i>                                                                                     |                    | GNA SNA        | N                            |
| 45.556.02                                                        | <i>Foeniculum vulgare</i>                                                                                   |                    | GNA SNA        | N                            |
| 45.556.03                                                        | <i>Dipsacus (fullonum, sativus)</i>                                                                         | Provisional        |                | N                            |
| <b>Corethrogyne filaginifolia – Eriogonum (elongatum, nudum)</b> |                                                                                                             |                    |                | <b>Alliance</b>              |
| <b>32.230.00</b>                                                 | <b>Sand-aster and perennial buckwheat fields</b>                                                            |                    | <b>G4 S4</b>   |                              |
| 32.230.01                                                        | <i>Eriogonum elongatum</i>                                                                                  |                    |                | Y                            |
| 32.230.02                                                        | <i>Eriogonum nudum</i>                                                                                      |                    |                | N                            |
| 32.230.03                                                        | <i>Eriogonum nudum</i> var. <i>indictum</i> – <i>Eriogonum vestitum</i>                                     |                    | G2 S2          | Y                            |
| 32.230.04                                                        | <i>Calystegia macrostegia</i> – <i>Eucrypta chrysanthemifolia</i>                                           |                    |                | N                            |
| 32.230.05                                                        | <i>Lupinus excubitus</i> – <i>Mentzelia albicaulis</i> – <i>Eriogonum</i> spp.                              |                    |                | Y                            |
| 32.230.06                                                        | <i>Viola pedunculata</i> – ( <i>Eschscholzia californica</i> – <i>Nassella pulchra</i> )                    | Provisional        |                | Y                            |
| 32.230.07                                                        | <i>Chorizanthe pungens</i> – <i>Eriogonum nudum</i> var. <i>decurrens</i> – <i>Heterotheca sessiliflora</i> |                    |                | Y                            |
| 32.230.08                                                        | <i>Grindelia camporum</i> – Annual Grass – Forb                                                             | Provisional        |                | N                            |
| 32.230.09                                                        | <i>Chlorogalum pomeridianum</i> – ( <i>Triteleia laxa</i> – <i>Perideridia kelloggii</i> )                  | Provisional        |                | Y                            |
| 32.230.10                                                        | <i>Heterotheca sessiliflora</i> Upland                                                                      | Provisional        |                | N                            |
| 32.240.01                                                        | <i>Corethrogyne filaginifolia</i>                                                                           |                    |                | N                            |
| <b>Cortaderia (jubata, selloana)</b>                             |                                                                                                             |                    |                | <b>Semi-Natural Alliance</b> |
| <b>42.070.00</b>                                                 | <b>Pampas grass patches</b>                                                                                 |                    | <b>GNA SNA</b> |                              |
| 42.070.01                                                        | <i>Cortaderia (jubata, selloana)</i>                                                                        | Provisional        | GNA SNA        | N                            |

**Primary Life for Herb**

| CaCode                                                                  | Name                                                                                       |             | Rarity         | Sensitive                    |
|-------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------|----------------|------------------------------|
| <b>Cressa truxillensis – Distichlis spicata</b>                         |                                                                                            |             |                | <b>Alliance</b>              |
| <b>46.100.00</b>                                                        | <b>Alkali weed – salt grass playas and sinks</b>                                           |             | <b>G2 S2</b>   |                              |
| 46.100.01                                                               | <i>Atriplex persistens</i>                                                                 |             |                | Y                            |
| 46.100.02                                                               | <i>Chamaesyce hooveri</i> – <i>Bolboschoenus maritimus</i>                                 | Provisional |                | Y                            |
| 46.100.03                                                               | <i>Neostapfia colusana</i> – <i>Malvella leprosa</i>                                       | Provisional |                | Y                            |
| 46.100.04                                                               | <i>Neostapfia colusana</i> – <i>Polypogon maritimus</i>                                    | Provisional |                | Y                            |
| 46.100.05                                                               | <i>Orcuttia pilosa</i>                                                                     | Provisional |                | Y                            |
| 46.100.06                                                               | <i>Tuctoria greenei</i> – <i>Marsilea vestita</i>                                          | Provisional |                | Y                            |
| 46.100.07                                                               | <i>Tuctoria mucronata</i>                                                                  | Provisional |                | Y                            |
| 46.100.08                                                               | <i>Cressa truxillensis</i> – <i>Distichlis spicata</i>                                     | Provisional |                | Y                            |
| 46.100.09                                                               | <i>Cressa truxillensis</i>                                                                 | Provisional |                | Y                            |
| 46.100.10                                                               | <i>Plagiobothrys parishii</i> – <i>Distichlis spicata</i>                                  | Provisional |                | Y                            |
| <b>Cynodon dactylon – Crypsis spp. – Paspalum spp.</b>                  |                                                                                            |             |                | <b>Semi-Natural Alliance</b> |
| <b>42.220.00</b>                                                        | <b>Bermudagrass – prickly grass – crowngrass turfs</b>                                     |             | <b>GNA SNA</b> |                              |
| 42.220.01                                                               | <i>Cynodon dactylon</i>                                                                    | Provisional | GNA SNA        | N                            |
| 42.220.02                                                               | <i>Crypsis</i> ( <i>schoenoides</i> , <i>vaginiflora</i> )                                 | Provisional | GNA SNA        | N                            |
| <b>Cynosurus echinatus – Arrhenatherum elatius</b>                      |                                                                                            |             |                | <b>Semi-Natural Alliance</b> |
| <b>42.044.00</b>                                                        | <b>Annual dogtail and tall oatgrass grasslands</b>                                         |             | <b>GNA SNA</b> |                              |
| 42.044.02                                                               | <i>Cynosurus echinatus</i> – <i>Bromus hordeaceus</i> – <i>Madia elegans</i>               |             |                | N                            |
| 42.044.03                                                               | <i>Cynosurus echinatus</i> – <i>Bromus hordeaceus</i> – <i>Taraxacum officinale</i>        |             | GNA SNA        | N                            |
| 42.044.04                                                               | <i>Cynosurus echinatus</i> – <i>Bromus hordeaceus</i> – <i>Taeniatherum caput-medusae</i>  |             | GNA SNA        | N                            |
| 42.044.05                                                               | <i>Cynosurus echinatus</i> – <i>Lagophylla ramosissima</i>                                 |             |                | N                            |
| 42.044.07                                                               | <i>Cynosurus echinatus</i> – <i>Arrhenatherum elatius</i> / <i>Dichelostemma capitatum</i> |             |                | N                            |
| 42.044.08                                                               | <i>Cynosurus echinatus</i> – ( <i>Danthonia pilosa</i> – <i>Nassella manicata</i> )        | Provisional | GNA SNA        | N                            |
| <b>Danthonia californica – Deschampsia cespitosa – Camassia quamash</b> |                                                                                            |             |                | <b>Alliance</b>              |
| <b>41.281.00</b>                                                        | <b>Oatgrass - Tufted Hairgrass - Camas wet meadow</b>                                      |             | <b>GNR S4</b>  |                              |
| 41.050.02                                                               | <i>Danthonia californica</i> – <i>Elymus elymoides</i>                                     |             |                | Y                            |
| 41.050.03                                                               | <i>Danthonia californica</i> – <i>Muhlenbergia filiformis</i>                              |             |                | Y                            |
| 41.050.05                                                               | <i>Danthonia californica</i>                                                               |             |                | Y                            |
| 41.051.03                                                               | <i>Phleum alpinum</i> – <i>Danthonia unispicata</i>                                        | Provisional |                | Y                            |
| 41.180.04                                                               | <i>Danthonia unispicata</i> – <i>Poa secunda</i>                                           |             | S3             | Y                            |
| 41.220.01                                                               | <i>Deschampsia cespitosa</i> – <i>Carex nebrascensis</i>                                   |             | G3?            | Y                            |
| 41.220.02                                                               | <i>Deschampsia cespitosa</i> – <i>Cardamine breweri</i>                                    |             |                | Y                            |
| 41.220.03                                                               | <i>Deschampsia cespitosa</i> – <i>Senecio scorzonella</i>                                  |             |                | N                            |
| 41.220.04                                                               | <i>Deschampsia cespitosa</i> – <i>Senecio scorzonella</i> – <i>Achillea millefolium</i>    |             |                | N                            |
| 41.220.07                                                               | <i>Deschampsia cespitosa</i> – <i>Solidago multiradiata</i>                                |             |                | N                            |
| 41.220.08                                                               | <i>Deschampsia cespitosa</i>                                                               |             | G4             | Y                            |
| 41.220.10                                                               | <i>Deschampsia cespitosa</i> – <i>Trifolium longipes</i>                                   |             |                | Y                            |
| 41.220.11                                                               | <i>Deschampsia cespitosa</i> – <i>Perideridia parishii</i>                                 |             |                | N                            |
| 41.220.12                                                               | <i>Deschampsia cespitosa</i> – <i>Bistorta bistortoides</i>                                |             | G3?            | Y                            |
| 41.281.01                                                               | <i>Hordeum brachyantherum</i> Montane                                                      |             |                | Y                            |

**Primary Life for Herb**

| CaCode                                                                        | Name                                                                                                    | Rarity             | Sensitive       |
|-------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|--------------------|-----------------|
| 41.281.02                                                                     | <i>Carex praeegracilis</i> Montane                                                                      |                    | Y               |
| 41.281.03                                                                     | <i>Carex athrostachya</i>                                                                               | Provisional        | Y               |
| 42.052.02                                                                     | <i>Hordeum brachyantherum</i> – <i>Polypogon monspeliensis</i>                                          |                    | Y               |
| 42.052.03                                                                     | <i>Hordeum brachyantherum</i> – <i>Senecio triangularis</i>                                             |                    | Y               |
| 42.052.04                                                                     | <i>Hordeum brachyantherum</i> – <i>Poa pratensis</i>                                                    |                    | Y               |
| 45.175.01                                                                     | <i>Carex integra</i>                                                                                    | Provisional        | Y               |
| 45.175.02                                                                     | <i>Carex integra</i> – <i>Poa cusickii</i>                                                              | Provisional        | Y               |
| 45.416.01                                                                     | <i>Camassia quamash</i> / <i>Sphagnum subsecundum</i>                                                   |                    | Y               |
| 45.567.01                                                                     | <i>Juncus nevadensis</i>                                                                                |                    | Y               |
| <b>Danthonia intermedia</b>                                                   |                                                                                                         | <b>Provisional</b> | <b>Alliance</b> |
| <b>41.051.00</b>                                                              | <b>Wild mountain oat grass meadows</b>                                                                  | <b>G4? S3?</b>     |                 |
| 41.051.01                                                                     | <i>Danthonia intermedia</i> – <i>Antennaria rosea</i>                                                   | Provisional G4?    | Y               |
| 41.051.02                                                                     | <i>Danthonia intermedia</i> – <i>Ptilagrostis kingii</i>                                                | Provisional        | Y               |
| <b>Darlingtonia californica</b>                                               |                                                                                                         |                    | <b>Alliance</b> |
| <b>51.200.00</b>                                                              | <b>California pitcher plant fens</b>                                                                    | <b>G4? S3</b>      |                 |
| 51.200.01                                                                     | <i>Darlingtonia californica</i>                                                                         |                    | Y               |
| <b>Deinandra fasciculata</b>                                                  |                                                                                                         |                    | <b>Alliance</b> |
| <b>44.161.00</b>                                                              | <b>Clustered tarweed fields</b>                                                                         | <b>G2 S2</b>       |                 |
| 44.161.01                                                                     | <i>Deinandra fasciculata</i> – annual grass-herb                                                        |                    | Y               |
| 44.161.02                                                                     | <i>Deinandra fasciculata</i> – <i>Hordeum depressum</i> – <i>Atriplex coronata</i> var. <i>notatior</i> |                    | Y               |
| <b>Deschampsia cespitosa – Festuca rubra Brackish Salt Marsh</b>              |                                                                                                         | <b>Provisional</b> | <b>Alliance</b> |
| <b>41.205.00</b>                                                              | <b>Tufted hairgrass - Red fescue brackish salt marsh</b>                                                | <b>GNR S2</b>      |                 |
| 38.140.05                                                                     | <i>Festuca rubra</i> – ( <i>Argentina egedii</i> )                                                      | Provisional        | Y               |
| 41.205.01                                                                     | <i>Deschampsia cespitosa</i> – ( <i>Distichlis spicata</i> )                                            | Provisional        | Y               |
| <b>Deschampsia cespitosa – Hordeum brachyantherum – Danthonia californica</b> |                                                                                                         |                    | <b>Alliance</b> |
| <b>41.221.00</b>                                                              | <b>Coastal tufted hair grass – Meadow barley – California oatgrass meadow</b>                           | <b>GNR S3</b>      |                 |
| 41.220.05                                                                     | <i>Deschampsia cespitosa</i> – <i>Anthoxanthum odoratum</i>                                             |                    | Y               |
| 41.220.09                                                                     | <i>Deschampsia cespitosa</i> – <i>Danthonia californica</i>                                             | G2 S2              | Y               |
| 41.220.13                                                                     | <i>Deschampsia cespitosa</i> – <i>Horkelia marinensis</i>                                               | G3 S1?             | Y               |
| 41.220.14                                                                     | <i>Deschampsia cespitosa</i> – <i>Lilaeopsis masonii</i>                                                | Provisional        | Y               |
| 41.220.17                                                                     | <i>Deschampsia cespitosa</i> – <i>Eryngium armatum</i>                                                  |                    | Y               |
| 41.220.18                                                                     | <i>Deschampsia</i> ( <i>cespitosa</i> , <i>holciformis</i> )                                            |                    | Y               |
| 41.221.01                                                                     | <i>Deschampsia cespitosa</i> – <i>Iris douglasiana</i>                                                  |                    | Y               |
| 41.221.02                                                                     | <i>Deschampsia cespitosa</i> / <i>Rosa nutkana</i>                                                      | Provisional        | Y               |
| 42.052.05                                                                     | <i>Hordeum brachyantherum</i> Lowland                                                                   |                    | Y               |
| <b>Dicoria canescens – Abronia villosa – Panicum urvilleanum</b>              |                                                                                                         |                    | <b>Alliance</b> |
| <b>22.105.00</b>                                                              | <b>Mojave-Sonoran desert dunes</b>                                                                      | <b>G4 S3</b>       |                 |
| 22.100.01                                                                     | <i>Dicoria canescens</i>                                                                                |                    | Y               |
| 22.105.01                                                                     | <i>Rumex hymenosepalus</i>                                                                              | Provisional G2 S2  | Y               |
| 22.105.02                                                                     | <i>Oenothera deltoides</i> – <i>Cryptantha</i> spp.                                                     | Provisional        | Y               |
| 22.105.03                                                                     | <i>Petalonyx thurberi</i>                                                                               |                    | Y               |

**Primary Life for Herb**

| CaCode    | Name                                                                 |             | Rarity | Sensitive |
|-----------|----------------------------------------------------------------------|-------------|--------|-----------|
| 22.105.04 | <i>Swallenia alexandrae</i>                                          |             | G1 S1  | Y         |
| 22.105.05 | <i>Wislizenia refracta</i>                                           | Provisional |        | Y         |
| 22.105.06 | <i>(Dicoria canescens) – Salsola tragus</i>                          | Provisional |        | Y         |
| 22.105.07 | <i>Cleomella obtusifolia – Cleome sparsifolia – Psathyrotes spp.</i> | Provisional |        | Y         |
| 22.105.08 | <i>Abronia pogonantha – Oenothera deltoides</i>                      | Provisional |        | Y         |
| 42.095.01 | <i>Panicum urvilleanum</i>                                           |             | G3 S1  | Y         |

***Distichlis spicata – (Juncus cooperi – Frankenia salina)***  
**Interior****Alliance****41.201.00 Saltgrass - Cooper's rush - Alkali heath Interior****GNR S4**

|           |                                                                                   |             |       |   |
|-----------|-----------------------------------------------------------------------------------|-------------|-------|---|
| 41.200.01 | <i>Distichlis spicata / Allenrolfea occidentalis</i>                              |             |       | Y |
| 41.200.02 | <i>Distichlis spicata – Juncus cooperi</i>                                        |             |       | Y |
| 41.200.03 | <i>Distichlis spicata / Sarcobatus vermiculatus</i>                               |             |       | Y |
| 41.200.04 | <i>Distichlis spicata / Ericameria albida</i>                                     |             |       | Y |
| 41.200.23 | <i>Distichlis spicata – (Scirpus nevadensis)</i>                                  | G4          |       | Y |
| 41.201.01 | <i>Distichlis spicata Interior</i>                                                |             |       | N |
| 41.201.02 | <i>Distichlis spicata – (Bromus hordeaceus – Hordeum marinum)</i>                 |             |       | N |
| 41.201.03 | <i>Distichlis spicata – Juncus arcticus var. balticus (J. mexicanus) Interior</i> |             |       | N |
| 41.201.04 | <i>Frankenia salina Interior</i>                                                  |             |       | Y |
| 41.201.05 | <i>Frankenia salina – Distichlis spicata Interior</i>                             |             |       | Y |
| 45.563.01 | <i>Juncus cooperi</i>                                                             | Provisional | G4 S2 | Y |

***Distichlis spicata – Frankenia salina Coastal*****Alliance****41.202.00 Saltgrass - Alkali heath Coastal****GNR S3**

|           |                                                                                  |             |      |   |
|-----------|----------------------------------------------------------------------------------|-------------|------|---|
| 41.200.06 | <i>Distichlis spicata – Jaumea carnosa</i>                                       |             |      | Y |
| 41.200.07 | <i>Distichlis spicata – Frankenia salina – Jaumea carnosa</i>                    | G3          | S2.2 | Y |
| 41.200.10 | <i>Distichlis spicata – Parapholis strigosa</i>                                  |             |      | N |
| 41.200.11 | <i>Distichlis spicata – Ambrosia chamissonis</i>                                 | G3          | S2   | Y |
| 41.200.14 | <i>Distichlis spicata – Agrostis viridis</i>                                     |             |      | N |
| 41.200.15 | <i>Distichlis spicata – Atriplex prostrata</i>                                   |             |      | N |
| 41.200.16 | <i>Distichlis spicata – (Bromus diandrus – Avena spp.)</i>                       |             |      | N |
| 41.200.17 | <i>Distichlis spicata – Cotula coronopifolia</i>                                 |             |      | N |
| 41.200.18 | <i>Distichlis spicata – Hordeum murinum</i>                                      |             |      | N |
| 41.200.19 | <i>Distichlis spicata – Leymus triticoides</i>                                   |             |      | N |
| 41.200.20 | <i>Distichlis spicata – Sarcocornia pacifica</i>                                 |             |      | Y |
| 41.200.21 | <i>Distichlis spicata – (Baccharis douglasii – Equisetum hyemale)</i>            |             |      | Y |
| 41.200.22 | <i>Juncus acutus</i>                                                             | Provisional |      | Y |
| 41.202.01 | <i>Argentina egedii – Distichlis spicata</i>                                     | Provisional |      | N |
| 41.202.02 | <i>Distichlis spicata Coastal</i>                                                |             |      | N |
| 41.202.03 | <i>Distichlis spicata – Juncus arcticus var. balticus (J. mexicanus) Coastal</i> |             |      | N |
| 41.202.04 | <i>Frankenia salina Coastal</i>                                                  |             |      | Y |
| 41.202.05 | <i>Frankenia salina – Distichlis spicata Coastal</i>                             |             |      | Y |
| 41.202.06 | <i>Distichlis spicata – Schoenoplectus americanus</i>                            | Provisional |      | Y |
| 45.569.02 | <i>Juncus (lescurii) – Distichlis spicata</i>                                    |             |      | Y |
| 52.205.01 | <i>Lepidium latifolium – Distichlis spicata</i>                                  |             |      | N |
| 52.206.02 | <i>Grindelia stricta</i>                                                         |             |      | Y |

**Primary Life for Herb**

| CaCode                                                                                            | Name                                                                                                                   |             | Rarity      | Sensitive       |
|---------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|-------------|-------------|-----------------|
| 52.500.01                                                                                         | <i>Frankenia salina</i> – <i>Limonium californicum</i> – <i>Monanthochloe littoralis</i> – <i>Sarcocornia pacifica</i> |             | G3 S2?      | Y               |
| 52.500.03                                                                                         | <i>Frankenia salina</i> / <i>Agrostis avenacea</i>                                                                     |             |             | Y               |
| 52.500.06                                                                                         | <i>Suaeda taxifolia</i> – <i>Hordeum murinum</i>                                                                       |             |             | Y               |
| 52.500.07                                                                                         | <i>Frankenia salina</i> – <i>Atriplex californica</i>                                                                  | Provisional |             | Y               |
| <b><i>Dudleya cymosa</i> – <i>Dudleya lanceolata</i> / Lichen – Moss</b>                          |                                                                                                                        |             |             | <b>Alliance</b> |
| 42.630.00                                                                                         | Live-forever – lichen/moss sparse herbaceous rock outcrop                                                              |             | G4 S4       |                 |
| 42.630.01                                                                                         | <i>Dudleya (blochmaniae ssp. insularis, gnoma)</i> – Sparse Herb                                                       | Provisional | G1 S1       | Y               |
| 42.630.02                                                                                         | Lichen Gravel – Bedrock Nonvascular Sparse                                                                             | Provisional |             | N               |
| 42.630.03                                                                                         | <i>Dudleya farinosa</i> / Lichen – Moss                                                                                | Provisional |             | Y               |
| 42.630.04                                                                                         | <i>Dudleya cymosa</i> / Lichen – Moss                                                                                  | Provisional |             | Y               |
| <b><i>Dudleya greenei</i> – <i>Dudleya spp.</i> Succulent Scrub</b>                               |                                                                                                                        |             |             | <b>Alliance</b> |
| 43.120.00                                                                                         | Greene's live-forever – live-forever species succulent scrub                                                           |             | G1 S1       |                 |
| 43.120.01                                                                                         | <i>Dudleya greenei</i>                                                                                                 | Provisional | G1 S1       | Y               |
| <b><i>Dulichium arundinaceum</i></b>                                                              |                                                                                                                        |             | Provisional | <b>Alliance</b> |
| 52.115.00                                                                                         | Three-way sedge meadows                                                                                                |             | G3? S1      |                 |
| 52.115.01                                                                                         | <i>Dulichium arundinaceum</i>                                                                                          | Provisional |             | Y               |
| <b><i>Eleocharis (palustris, rostellata)</i> Alkaline-Saline</b>                                  |                                                                                                                        |             |             | <b>Alliance</b> |
| 45.260.00                                                                                         | Common spikerush and beaked spikerush marshes                                                                          |             | GNR S2S3    |                 |
| 45.260.01                                                                                         | <i>Eleocharis rostellata</i> – <i>Muhlenbergia asperifolia</i>                                                         |             |             | Y               |
| 45.260.03                                                                                         | <i>Eleocharis rostellata</i>                                                                                           |             | G3 S3       | Y               |
| <b><i>Elymus glaucus</i> Montane</b>                                                              |                                                                                                                        |             |             | <b>Alliance</b> |
| 41.630.00                                                                                         | Blue wild rye montane meadows                                                                                          |             | G3? S3?     |                 |
| 41.640.02                                                                                         | <i>Elymus glaucus</i> – <i>Carex pellita</i>                                                                           |             |             | Y               |
| 41.640.03                                                                                         | <i>Elymus glaucus</i> – <i>Carex feta</i>                                                                              |             | G2?         | Y               |
| 41.640.04                                                                                         | <i>Elymus glaucus</i> – <i>Heracleum maximum</i>                                                                       |             |             | Y               |
| <b><i>Equisetum (arvense, variegatum, hyemale)</i></b>                                            |                                                                                                                        |             |             | <b>Alliance</b> |
| 52.070.00                                                                                         | Field horsetail – scouringrush horsetail – variegated scouringrush wet meadow                                          |             | GNR S3S4    |                 |
| 52.070.01                                                                                         | <i>Equisetum hyemale</i>                                                                                               | Provisional |             | N               |
| <b><i>Ericameria discoidea</i> – <i>Hulsea algida</i></b>                                         |                                                                                                                        |             |             | <b>Alliance</b> |
| 38.120.00                                                                                         | Fell-fields with California heath-goldenrod and Pacific alpine gold                                                    |             | G3? S3?     |                 |
| 38.120.01                                                                                         | <i>Ericameria discoidea</i> – <i>Minuartia nuttallii</i>                                                               |             |             | Y               |
| 38.120.02                                                                                         | <i>Ericameria discoidea</i> – <i>Linanthus pungens</i>                                                                 |             |             | Y               |
| 38.120.03                                                                                         | <i>Ericameria discoidea</i> – <i>Phacelia hastata</i>                                                                  |             |             | Y               |
| 38.120.04                                                                                         | <i>Hulsea algida</i>                                                                                                   |             |             | Y               |
| 38.120.05                                                                                         | <i>Hulsea algida</i> – <i>Ericameria discoidea</i> – <i>Phacelia hastata</i>                                           |             |             | Y               |
| 38.120.06                                                                                         | <i>Hulsea algida</i> – <i>Muhlenbergia richardsonis</i> – <i>Achnatherum pinetorum</i>                                 |             |             | Y               |
| <b><i>Eriophyllum staechadifolium</i> – <i>Erigeron glaucus</i> – <i>Eriogonum latifolium</i></b> |                                                                                                                        |             |             | <b>Alliance</b> |
| 21.310.00                                                                                         | Seaside woolly-sunflower - seaside daisy - buckwheat patches                                                           |             | G3 S3       |                 |
| 21.110.01                                                                                         | <i>Artemisia pycnocephala</i> – <i>Cardionema ramosissimum</i>                                                         |             | G3 S3?      | Y               |
| 21.110.04                                                                                         | <i>Artemisia pycnocephala</i> – <i>Poa douglasii</i>                                                                   |             |             | Y               |

California Natural Community

**Primary Life for Herb**

| CaCode                                                                                 | Name                                                                                     | Rarity      | Sensitive       |
|----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-------------|-----------------|
| 21.310.01                                                                              | <i>Eriophyllum staechadifolium</i> – <i>Eriogonum latifolium</i>                         |             | Y               |
| 21.310.02                                                                              | <i>Erigeron glaucus</i> – <i>Fragaria chiloensis</i>                                     |             | Y               |
| 21.310.03                                                                              | <i>Eriogonum parvifolium</i>                                                             | Provisional | Y               |
| 21.310.05                                                                              | <i>Armeria maritima</i> – <i>Plantago (maritima)</i>                                     | Provisional | Y               |
| 21.310.06                                                                              | <i>Eriogonum latifolium</i> – ( <i>Camissonia cheranthifolia</i> )                       |             | Y               |
| 21.320.01                                                                              | <i>Artemisia pycnocephala</i>                                                            |             | Y               |
| <b><i>Eryngium aristulatum</i></b>                                                     |                                                                                          |             | <b>Alliance</b> |
| <b>42.004.00</b>                                                                       | <b>California button-celery patches</b>                                                  | <b>G2</b>   | <b>S2</b>       |
| 42.004.01                                                                              | <i>Eryngium aristulatum</i> var. <i>aristulatum</i> – ( <i>Lupinus bicolor</i> )         |             | Y               |
| 42.004.02                                                                              | <i>Hemizonia congesta</i>                                                                |             | Y               |
| <b><i>Eschscholzia (californica)</i> – <i>Lupinus (nanus)</i></b>                      |                                                                                          |             | <b>Alliance</b> |
| <b>43.200.00</b>                                                                       | <b>California poppy – lupine fields</b>                                                  | <b>G4</b>   | <b>S4</b>       |
| 42.026.18                                                                              | <i>Bromus hordeaceus</i> – <i>Lupinus nanus</i> – <i>Trifolium</i> spp.                  |             | N               |
| 43.200.01                                                                              | <i>Eschscholzia californica</i>                                                          |             | N               |
| 43.200.02                                                                              | <i>Lupinus bicolor</i>                                                                   | G3          | S3              |
| 43.200.03                                                                              | <i>Salvia carduacea</i>                                                                  | G3          | S3              |
| 43.200.04                                                                              | <i>Lupinus benthamii</i> – <i>Chorizanthe membranacea</i>                                |             | Y               |
| 43.200.05                                                                              | <i>Lupinus (microcarpus, succulentus)</i>                                                | Provisional | N               |
| <b><i>Festuca brachyphylla</i></b>                                                     |                                                                                          |             | <b>Alliance</b> |
| <b>91.170.00</b>                                                                       | <b>Alpine fescue fell-fields</b>                                                         | <b>G4?</b>  | <b>S3?</b>      |
| 91.170.01                                                                              | <i>Festuca brachyphylla</i> – <i>Eriogonum ovalifolium</i>                               |             | Y               |
| 91.170.02                                                                              | <i>Festuca brachyphylla</i> – <i>Penstemon davidsonii</i>                                |             | Y               |
| <b><i>Festuca idahoensis</i> – <i>Danthonia californica</i></b>                        |                                                                                          |             | <b>Alliance</b> |
| <b>41.251.00</b>                                                                       | <b>Idaho fescue - California oatgrass grassland</b>                                      | <b>GNR</b>  | <b>S3</b>       |
| 41.050.01                                                                              | <i>Danthonia californica</i> – <i>Arrhenatherum elatius</i>                              |             | Y               |
| 41.050.07                                                                              | <i>Danthonia californica</i> – <i>Nassella pulchra</i>                                   |             | Y               |
| 41.250.04                                                                              | <i>Festuca idahoensis</i> Ultramafic                                                     | Provisional | Y               |
| 41.250.06                                                                              | <i>Festuca californica</i>                                                               |             | Y               |
| 41.251.01                                                                              | <i>Danthonia californica</i> Coastal                                                     |             | Y               |
| 41.251.02                                                                              | <i>Festuca idahoensis</i> – <i>Nassella pulchra</i>                                      | Provisional | Y               |
| 41.251.03                                                                              | <i>Perideridia kelloggii</i> – <i>Danthonia californica</i>                              | Provisional | Y               |
| 41.251.04                                                                              | <i>Heterotheca sessiliflora</i> – <i>Danthonia californica</i>                           | Provisional | Y               |
| 41.251.05                                                                              | <i>Festuca idahoensis</i> – ( <i>Danthonia californica</i> – <i>Koeleria macrantha</i> ) |             | Y               |
| 41.255.01                                                                              | <i>Festuca rubra</i>                                                                     | G2          | S1              |
| <b><i>Festuca idahoensis</i> – <i>Pseudoroegneria spicata</i> – <i>Poa secunda</i></b> |                                                                                          |             | <b>Alliance</b> |
| <b>41.040.00</b>                                                                       | <b>Idaho fescue – bluebunch wheat grass – pine bluegrass grassland</b>                   | <b>GNR</b>  | <b>S3</b>       |
| 41.040.01                                                                              | <i>Pseudoroegneria spicata</i> – <i>Poa secunda</i>                                      | G4          | S2              |
| 41.040.02                                                                              | <i>Festuca idahoensis</i> – <i>Pseudoroegneria spicata</i>                               |             | Y               |
| <b><i>Heterotheca (oregona, sessiliflora)</i></b>                                      |                                                                                          |             | <b>Alliance</b> |
| <b>42.230.00</b>                                                                       | <b>Goldenaster patches</b>                                                               | <b>G3</b>   | <b>S3</b>       |
| 42.230.01                                                                              | <i>Heterotheca oregona</i>                                                               | G3          | S3              |
| 42.230.02                                                                              | <i>Heterotheca sessiliflora</i>                                                          | Provisional | G3              |

**Primary Life for Herb**

| CaCode                                                                            | Name                                                                     |                    | Rarity                       | Sensitive |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------|--------------------|------------------------------|-----------|
| <b><i>Holcus lanatus</i> – <i>Anthoxanthum odoratum</i></b>                       |                                                                          |                    | <b>Semi-Natural Alliance</b> |           |
| <b>42.050.00</b>                                                                  | <b>Common velvet grass – sweet vernal grass meadows</b>                  |                    | <b>GNA SNA</b>               |           |
| 42.050.08                                                                         | <i>Holcus lanatus</i>                                                    |                    | GNA SNA                      | N         |
| 42.050.09                                                                         | <i>Holcus lanatus</i> – <i>Anthoxanthum odoratum</i>                     |                    | GNA SNA                      | N         |
| <b><i>Hydrilla verticillata</i> – <i>Myriophyllum spicatum</i></b>                |                                                                          |                    | <b>Semi-Natural Alliance</b> |           |
| <b>52.127.00</b>                                                                  | <b>Ruderal water-thyme – Eurasian water-milfoil aquatic</b>              |                    | <b>GNR SNR</b>               |           |
| 52.127.01                                                                         | <i>Myriophyllum</i> spp. – <i>Egeria densa</i>                           | Provisional        | GNR SNR                      | N         |
| <b><i>Hydrocotyle (ranunculoides, umbellata)</i></b>                              |                                                                          |                    | <b>Alliance</b>              |           |
| <b>52.117.00</b>                                                                  | <b>Mats of floating pennywort</b>                                        |                    | <b>G4 S3?</b>                |           |
| 52.117.01                                                                         | <i>Hydrocotyle ranunculoides</i>                                         |                    |                              | Y         |
| 52.117.02                                                                         | <i>Hydrocotyle ranunculoides</i> – <i>Schoenoplectus pungens</i>         | Provisional        |                              | Y         |
| <b><i>Iris missouriensis</i></b>                                                  |                                                                          | <b>Provisional</b> | <b>Alliance</b>              |           |
| <b>45.401.00</b>                                                                  | <b>Western blue flag patches</b>                                         |                    | <b>G5 S4</b>                 |           |
| <b><i>Isoetes (bolanderi, echinospora, howellii, nuttallii, occidentalis)</i></b> |                                                                          | <b>Provisional</b> | <b>Alliance</b>              |           |
| <b>52.109.00</b>                                                                  | <b>Quillwort beds</b>                                                    |                    | <b>G3 S3?</b>                |           |
| <b><i>Juncus (effusus, patens) – Carex (pansa, praegracilis)</i></b>              |                                                                          |                    | <b>Alliance</b>              |           |
| <b>45.570.00</b>                                                                  | <b>Soft and western rush – Sedge marshes</b>                             |                    | <b>G4? S3S4</b>              |           |
| 45.165.01                                                                         | <i>Carex densa</i>                                                       | Provisional        |                              | Y         |
| 45.180.03                                                                         | <i>Carex serratodens</i>                                                 | Provisional        |                              | Y         |
| 45.184.01                                                                         | <i>Carex pansa</i>                                                       | Provisional        |                              | Y         |
| 45.184.02                                                                         | <i>Carex pansa</i> – <i>Baccharis pilularis</i>                          | Provisional        |                              | Y         |
| 45.184.05                                                                         | <i>Carex tumulicola</i>                                                  | Provisional        |                              | Y         |
| 45.561.01                                                                         | <i>Juncus effusus</i>                                                    |                    | G4 S4?                       | N         |
| 45.570.01                                                                         | <i>Juncus patens</i>                                                     |                    | G4 S4?                       | N         |
| 45.570.02                                                                         | <i>Juncus patens</i> – <i>Holcus lanatus</i>                             | Provisional        |                              | N         |
| 45.570.03                                                                         | <i>Juncus occidentalis</i> – <i>Juncus patens</i>                        | Provisional        |                              | Y         |
| 45.570.04                                                                         | <i>Juncus phaeocephalus</i>                                              |                    |                              | Y         |
| 45.570.05                                                                         | <i>Juncus covillei</i>                                                   | Provisional        |                              | Y         |
| 45.570.06                                                                         | <i>Carex praegracilis</i> Lowland                                        |                    |                              | Y         |
| 45.570.07                                                                         | <i>Eleocharis macrostachya</i> Lowland                                   |                    |                              | Y         |
| <b><i>Juncus (oxymetris, xiphioides)</i></b>                                      |                                                                          | <b>Provisional</b> | <b>Alliance</b>              |           |
| <b>45.568.00</b>                                                                  | <b>Iris-leaf rush seeps</b>                                              |                    | <b>G2? S2?</b>               |           |
| 45.568.01                                                                         | <i>Juncus xiphioides</i>                                                 | Provisional        |                              | Y         |
| 45.568.02                                                                         | <i>Juncus oxymetris</i>                                                  | Provisional        |                              | Y         |
| <b><i>Juncus arcticus (var. balticus, mexicanus)</i></b>                          |                                                                          |                    | <b>Alliance</b>              |           |
| <b>45.562.00</b>                                                                  | <b>Baltic and Mexican rush marshes</b>                                   |                    | <b>G5 S4</b>                 |           |
| 45.562.01                                                                         | <i>Juncus arcticus</i> var. <i>balticus</i> – <i>Conium maculatum</i>    |                    |                              | N         |
| 45.562.05                                                                         | <i>Juncus arcticus</i> var. <i>balticus</i> – <i>Argentina egedii</i>    |                    |                              | N         |
| 45.562.06                                                                         | <i>Juncus arcticus</i> var. <i>balticus</i> – <i>Lepidium latifolium</i> |                    |                              | N         |

**Primary Life for Herb**

| CaCode                                                                                    | Name                                                                                                  | Rarity       | Sensitive       |
|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|--------------|-----------------|
| 45.562.08                                                                                 | <i>Juncus arcticus</i> var. <i>balticus</i> – (var. <i>mexicanus</i> )                                |              | N               |
| <b><i>Juncus parryi</i></b>                                                               |                                                                                                       |              | <b>Alliance</b> |
| <b>45.566.00</b>                                                                          | <b>Parry's rush outcrops</b>                                                                          | <b>G4 S4</b> |                 |
| 45.566.01                                                                                 | <i>Juncus parryi</i> – <i>Eriogonum incanum</i>                                                       | G3?          | Y               |
| <b><i>Kobresia myosuroides</i></b>                                                        |                                                                                                       |              | <b>Alliance</b> |
| <b>91.115.00</b>                                                                          | <b>Pacific bog sedge meadows</b>                                                                      | <b>G5 S1</b> |                 |
| 91.115.01                                                                                 | <i>Kobresia myosuroides</i> – <i>Thalictrum alpinum</i>                                               |              | Y               |
| <b><i>Lasthenia californica</i> – <i>Plantago erecta</i> – <i>Vulpia microstachys</i></b> |                                                                                                       |              | <b>Alliance</b> |
| <b>44.108.00</b>                                                                          | <b>California goldfields – dwarf plantain – small fescue flower fields</b>                            | <b>G4 S4</b> |                 |
| 41.321.04                                                                                 | <i>Hemizonia congesta</i> – <i>Lolium perenne</i>                                                     |              | N               |
| 44.108.01                                                                                 | <i>Lasthenia californica</i> – <i>Plantago erecta</i> – <i>Hesperevax sparsiflora</i>                 |              | Y               |
| 44.108.02                                                                                 | <i>Plantago erecta</i> – <i>Lolium perenne</i> lichen-rocky                                           |              | N               |
| 44.108.03                                                                                 | <i>Vulpia microstachys</i> – <i>Plantago erecta</i> – <i>Calycadenia (truncata, multiglandulosa)</i>  | G2 S2?       | Y               |
| 44.108.04                                                                                 | <i>Vulpia microstachys</i> – <i>Plantago erecta</i>                                                   |              | Y               |
| 44.108.05                                                                                 | <i>Vulpia microstachys</i> – <i>Mimulus guttatus</i> – <i>Pentagramma triangularis</i>                |              | N               |
| 44.108.07                                                                                 | <i>Vulpia microstachys</i> – <i>Selaginella hansenii</i> – <i>Lupinus spectabilis</i>                 |              | Y               |
| 44.108.08                                                                                 | <i>Vulpia microstachys</i> – <i>Elymus elymoides</i> – <i>Achnatherum lemmonii</i>                    |              | Y               |
| 44.108.09                                                                                 | <i>Vulpia microstachys</i> – <i>Navarretia tagetina</i>                                               |              | Y               |
| 44.108.10                                                                                 | <i>Vulpia microstachys</i> – <i>Selaginella hansenii</i>                                              |              | Y               |
| 44.108.11                                                                                 | <i>Vulpia microstachys</i> – <i>Selaginella hansenii</i> – <i>Lupinus nanus</i>                       |              | Y               |
| 44.108.12                                                                                 | <i>Lasthenia (californica, gracilis)</i>                                                              |              | Y               |
| 44.108.13                                                                                 | <i>Lasthenia californica</i> – <i>Plagiobothrys acanthocarpa</i> – <i>Medicago polymorpha</i>         |              | Y               |
| 44.108.14                                                                                 | <i>Lasthenia gracilis</i> – <i>Plantago erecta</i> – <i>Plagiobothrys canescens</i>                   |              | Y               |
| 44.108.15                                                                                 | <i>Lasthenia minor</i>                                                                                | Provisional  | Y               |
| 44.108.16                                                                                 | <i>Layia pentachaeta</i> – <i>Plagiobothrys (canescens)</i>                                           | Provisional  | Y               |
| 44.108.17                                                                                 | <i>Lepidium nitidum</i> – <i>Trifolium gracilentum</i> – <i>Vulpia microstachys</i>                   |              | Y               |
| 44.108.18                                                                                 | <i>Vulpia microstachys</i>                                                                            |              | Y               |
| 44.108.20                                                                                 | <i>Lotus humistratus</i> – <i>Plantago erecta</i> – <i>Lomatium spp.</i>                              | Provisional  | Y               |
| 44.108.21                                                                                 | <i>Micropus californicus</i>                                                                          | Provisional  | Y               |
| 44.108.22                                                                                 | <i>Erigeron glaucus</i> – <i>Lasthenia californica</i>                                                |              | Y               |
| 44.108.23                                                                                 | <i>Pectocarya (linearis, penicillata)</i>                                                             |              | Y               |
| 44.108.24                                                                                 | <i>Erodium cicutarium</i> – <i>Vulpia microstachys</i>                                                |              | N               |
| 44.108.25                                                                                 | <i>Layia (platyglossa, munzii)</i>                                                                    | Provisional  | Y               |
| 44.108.26                                                                                 | <i>Leptosiphon ambiguus</i>                                                                           | Provisional  | Y               |
| 44.109.01                                                                                 | <i>Lasthenia californica</i> – <i>Atriplex coronata</i> var. <i>notatior</i>                          | Provisional  | Y               |
| 44.109.04                                                                                 | <i>Lasthenia californica</i> – <i>Lupinus bicolor</i> – <i>Layia platyglossa</i> – <i>Bromus spp.</i> |              | Y               |
| 44.109.05                                                                                 | <i>Vulpia microstachys</i> – <i>Lasthenia californica</i> – <i>Agrostis elliottiana</i>               |              | Y               |
| 44.109.06                                                                                 | <i>Vulpia microstachys</i> – <i>Sedella pumila</i> – <i>Lasthenia californica</i>                     |              | N               |
| 44.109.07                                                                                 | <i>Lasthenia californica</i> – <i>Atriplex californica</i>                                            | Provisional  | Y               |
| <b><i>Lasthenia fremontii</i> – <i>Distichlis spicata</i></b>                             |                                                                                                       |              | <b>Alliance</b> |
| <b>44.119.00</b>                                                                          | <b>Fremont's goldfields – salt grass alkaline vernal pools</b>                                        | <b>G2 S2</b> |                 |

**Primary Life for Herb**

| CaCode    | Name                                                                             | Rarity      | Sensitive |
|-----------|----------------------------------------------------------------------------------|-------------|-----------|
| 44.119.01 | <i>Downingia bella</i> – <i>Lilaea scilloides</i>                                |             | Y         |
| 44.119.02 | <i>Downingia cuspidata</i> – <i>Myosurus minimus</i>                             |             | Y         |
| 44.119.03 | <i>Downingia insignis</i> – <i>Psilocarphus brevissimus</i>                      |             | Y         |
| 44.119.04 | <i>Downingia pulchella</i> – <i>Cressa truxillensis</i>                          |             | Y         |
| 44.119.05 | <i>Downingia pulchella</i> – <i>Distichlis spicata</i>                           |             | Y         |
| 44.119.06 | <i>Hordeum depressum</i> – <i>Spergularia (marina)</i>                           |             | Y         |
| 44.119.07 | <i>Lasthenia fremontii</i> – <i>Pleuropogon californicus</i>                     |             | Y         |
| 44.119.08 | <i>Lasthenia glaberrima</i> – <i>Atriplex persistens</i>                         |             | Y         |
| 44.119.09 | <i>Lasthenia platycarpha</i> – <i>Lepidium latipes</i>                           |             | Y         |
| 44.119.10 | <i>Limnanthes douglasii</i> ssp. <i>rosea</i> – <i>Pleuropogon californicus</i>  |             | Y         |
| 44.119.11 | <i>Lasthenia fremontii</i> – <i>Distichlis spicata</i>                           | Provisional | Y         |
| 44.119.12 | <i>Frankenia salina</i> – <i>Psilocarphus brevissimus</i>                        | Provisional | Y         |
| 44.119.13 | <i>Atriplex vallicola</i> – <i>Lasthenia ferrisiae</i> – <i>Lepidium jaredii</i> |             | Y         |
| 44.119.14 | <i>Spergularia macrotheca</i> – <i>Hordeum (murinum)</i>                         |             | Y         |
| 52.500.05 | <i>Lasthenia ferrisiae</i> – <i>Lasthenia conjugens</i>                          |             | Y         |

***Lasthenia fremontii* – *Downingia (bicornuta)*****Alliance****42.007.00 Fremont's goldfields – *Downingia* vernal pools****G2 S2**

|           |                                                                   |             |   |
|-----------|-------------------------------------------------------------------|-------------|---|
| 42.007.01 | <i>Downingia bicornuta</i>                                        |             | Y |
| 42.007.02 | <i>Downingia (bicornuta, cuspidata)</i>                           |             | Y |
| 42.007.03 | <i>Lasthenia fremontii</i> – <i>Downingia bicornuta</i>           |             | Y |
| 42.007.04 | <i>Lasthenia fremontii</i> – <i>Downingia ornatissima</i>         |             | Y |
| 42.007.05 | <i>Ranunculus bonariensis</i> – <i>Holocarpha virgata</i>         |             | Y |
| 42.007.06 | <i>Eryngium (vaseyi, castrense)</i>                               |             | Y |
| 42.007.07 | <i>Lasthenia fremontii</i>                                        | Provisional | Y |
| 42.007.08 | <i>Lasthenia californica</i> – <i>Downingia bicornuta</i>         |             | Y |
| 42.007.09 | <i>Plagiobothrys stipitatus</i> – <i>Psilocarphus brevissimus</i> | Provisional | Y |

***Lasthenia glaberrima* – *Eleocharis macrostachya*****Alliance****44.140.00 Smooth goldfields – pale spike rush vernal pool bottoms****G2 S2**

|           |                                                                                          |             |   |
|-----------|------------------------------------------------------------------------------------------|-------------|---|
| 44.140.01 | <i>Lasthenia glaberrima</i> – <i>Downingia bicornuta</i>                                 |             | Y |
| 44.140.02 | <i>Lasthenia glaberrima</i> – <i>Pleuropogon californicus</i>                            |             | Y |
| 44.140.03 | <i>Lasthenia glaberrima</i> – <i>Pogogyne douglasii</i>                                  |             | Y |
| 44.140.04 | <i>Lasthenia glaberrima</i> – <i>Trifolium variegatum</i>                                |             | Y |
| 44.140.05 | <i>Lasthenia glaberrima</i> – <i>Downingia insignis</i>                                  |             | Y |
| 44.140.06 | <i>Lasthenia glaberrima</i> – <i>Lupinus bicolor</i>                                     |             | Y |
| 44.140.07 | <i>Eleocharis macrostachya</i> Vernal Pool                                               |             | Y |
| 45.230.02 | <i>Eleocharis macrostachya</i> – <i>Callitriche hermaphrodita</i>                        | Provisional | Y |
| 45.230.04 | <i>Eleocharis macrostachya</i> – <i>Eryngium aristulatum</i> var. <i>parishii</i>        |             | Y |
| 45.230.05 | <i>Eleocharis macrostachya</i> – <i>Lasthenia glaberrima</i>                             |             | Y |
| 45.230.06 | <i>Eleocharis macrostachya</i> – <i>Marsilea vestita</i>                                 | Provisional | Y |
| 45.230.07 | <i>Eleocharis macrostachya</i> – ( <i>Pleuropogon californicus</i> )                     | Provisional | Y |
| 45.231.01 | <i>Eleocharis acicularis</i> – <i>Eryngium castrense</i>                                 |             | Y |
| 45.231.03 | <i>Navarretia</i> spp. – ( <i>Eleocharis acicularis</i> – <i>Eryngium alismifolium</i> ) |             | Y |

***Layia fremontii* – *Achyrachaena mollis*****Alliance****42.002.00 Fremont's tidy-tips – blow wives vernal pools****G3 S3?**

|           |                                                    |             |   |
|-----------|----------------------------------------------------|-------------|---|
| 41.321.12 | <i>Zigadenus fremontii</i> – <i>Lolium perenne</i> | Provisional | Y |
|-----------|----------------------------------------------------|-------------|---|

**Primary Life for Herb**

| CaCode                                        | Name                                                                               | Rarity                | Sensitive                    |
|-----------------------------------------------|------------------------------------------------------------------------------------|-----------------------|------------------------------|
| 42.002.01                                     | <i>Layia fremontii</i> – <i>Achyrrachaena mollis</i>                               |                       | Y                            |
| 42.002.03                                     | <i>Layia fremontii</i> – <i>Leontodon saxatilis</i> – <i>Plagiobothrys greenei</i> |                       | Y                            |
| 42.002.04                                     | <i>Plagiobothrys austiniae</i> – <i>Achyrrachaena mollis</i>                       |                       | Y                            |
| <b>Lemna (minor) and Relatives</b>            |                                                                                    | <b>Provisional</b>    | <b>Alliance</b>              |
| <b>52.105.00</b>                              | <b>Duckweed blooms</b>                                                             | <b>G5 S4?</b>         |                              |
| 52.105.01                                     | <i>Lemna (minor)</i>                                                               | Provisional           | N                            |
| <b>Lepidium latifolium – Lactuca serriola</b> |                                                                                    |                       | <b>Semi-Natural Alliance</b> |
| <b>52.205.00</b>                              | <b>Perennial pepper weed – Prickly lettuce patches</b>                             | <b>GNA SNA</b>        |                              |
| 52.205.02                                     | <i>Lepidium latifolium</i>                                                         | GNA SNA               | N                            |
| 52.205.03                                     | <i>Dittrichia graveolens</i> – <i>Pseudognaphalium luteoalbum</i>                  | Provisional           | N                            |
| 52.205.04                                     | <i>Chenopodium album</i> – <i>Rumex spp.</i>                                       | Provisional           | N                            |
| <b>Leymus cinereus – Leymus triticoides</b>   |                                                                                    |                       | <b>Alliance</b>              |
| <b>41.081.00</b>                              | <b>Ashy ryegrass – Creeping wildrye turfs</b>                                      | <b>G3 S3</b>          |                              |
| 41.020.01                                     | <i>Leymus cinereus</i>                                                             | Provisional G2G 3 S2? | Y                            |
| 41.080.01                                     | <i>Leymus triticoides</i>                                                          | G4?                   | Y                            |
| 41.080.02                                     | <i>Leymus triticoides</i> – <i>Bromus spp.</i> – <i>Avena spp.</i>                 |                       | Y                            |
| 41.080.03                                     | <i>Leymus triticoides</i> – <i>Lolium perenne</i>                                  |                       | Y                            |
| 41.080.05                                     | <i>Leymus triticoides</i> – <i>Anemopsis californica</i>                           |                       | Y                            |
| 41.080.06                                     | <i>Leymus triticoides</i> – <i>Poa secunda</i>                                     |                       | Y                            |
| 41.081.01                                     | <i>Leymus triticoides</i> – <i>Sporobolus airoides</i>                             | Provisional           | Y                            |
| <b>Leymus condensatus</b>                     |                                                                                    |                       | <b>Alliance</b>              |
| <b>41.265.00</b>                              | <b>Giant wild rye grassland</b>                                                    | <b>G3 S3</b>          |                              |
| 41.265.01                                     | <i>Leymus condensatus</i>                                                          | G3 S3                 | Y                            |
| <b>Leymus mollis</b>                          |                                                                                    |                       | <b>Alliance</b>              |
| <b>41.260.00</b>                              | <b>Sea lyme grass patches</b>                                                      | <b>G4 S2</b>          |                              |
| 41.260.01                                     | <i>Leymus mollis</i> – <i>Carpobrotus edulis</i>                                   |                       | Y                            |
| 41.260.02                                     | <i>Leymus mollis</i> – <i>Ammophila arenaria</i>                                   |                       | Y                            |
| 41.260.03                                     | <i>Leymus mollis</i> – <i>Abronia latifolia</i> – ( <i>Cakile sp.</i> )            |                       | Y                            |
| <b>Lolium perenne</b>                         |                                                                                    |                       | <b>Semi-Natural Alliance</b> |
| <b>41.321.00</b>                              | <b>Perennial rye grass fields</b>                                                  | <b>GNA SNA</b>        |                              |
| 41.321.01                                     | <i>Lolium perenne</i>                                                              | GNA SNA               | N                            |
| 41.321.02                                     | <i>Lolium perenne</i> – <i>Bromus hordeaceus</i>                                   | GNA SNA               | N                            |
| 41.321.03                                     | <i>Lolium perenne</i> – ( <i>Centaurium muehlenbergii</i> )                        |                       | N                            |
| 41.321.05                                     | <i>Lolium perenne</i> – <i>Hordeum marinum</i> – <i>Ranunculus californicus</i>    |                       | N                            |
| 41.321.06                                     | <i>Lolium perenne</i> – <i>Leymus triticoides</i>                                  |                       | N                            |
| 41.321.09                                     | <i>Lolium perenne</i> – <i>Festuca arundinacea</i>                                 | GNA SNA               | N                            |
| 41.321.10                                     | <i>Lolium perenne</i> – <i>Lepidium latifolium</i>                                 | GNA SNA               | N                            |
| 41.321.11                                     | <i>Lolium perenne</i> – <i>Lotus corniculatus</i>                                  | GNA SNA               | N                            |
| <b>Lotus unifoliolatus</b>                    |                                                                                    | <b>Provisional</b>    | <b>Alliance</b>              |
| <b>52.230.00</b>                              | <b>Spanish clover fields</b>                                                       | <b>G4? S4?</b>        |                              |
| 52.230.01                                     | <i>Lotus unifoliolatus</i>                                                         |                       | N                            |

**Primary Life for Herb**

| CaCode                                                         | Name                                                                                |                    | Rarity                       | Sensitive |
|----------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------|------------------------------|-----------|
| <b>Ludwigia (hexapetala, peploides) – Eichhornia crassipes</b> |                                                                                     |                    | <b>Semi-Natural Alliance</b> |           |
| <b>52.118.00</b>                                               | <b>Water primrose – Water hyacinth wetlands</b>                                     |                    | <b>GNA SNA</b>               |           |
| 52.116.01                                                      | <i>Eichhornia crassipes</i>                                                         | Provisional        | GNA SNA                      | N         |
| 52.118.01                                                      | <i>Ludwigia (hexapetala, peploides)</i>                                             |                    | GNA SNA                      | N         |
| <b>Mesembryanthemum spp. – Carpobrotus spp.</b>                |                                                                                     |                    | <b>Semi-Natural Alliance</b> |           |
| <b>21.200.00</b>                                               | <b>Ice plant mats</b>                                                               |                    | <b>GNA SNA</b>               |           |
| 21.200.01                                                      | <i>Carpobrotus (edulis)</i>                                                         |                    | GNA SNA                      | N         |
| 21.200.02                                                      | <i>Carpobrotus spp. – Mesembryanthemum crystallinum</i>                             |                    | GNA SNA                      | N         |
| 21.200.03                                                      | <i>Mesembryanthemum crystallinum – Malva parviflora – Hordeum murinum</i>           |                    | GNA SNA                      | N         |
| <b>Mimulus guttatus – Cirsium spp. – Stachys spp.</b>          |                                                                                     |                    | <b>Alliance</b>              |           |
| <b>44.112.00</b>                                               | <b>Common monkey flower – thistle – hedgenettle seeps</b>                           |                    | <b>GNR S3</b>                |           |
| 42.100.04                                                      | <i>Cirsium fontinale</i>                                                            |                    |                              | Y         |
| 44.111.01                                                      | <i>Mimulus guttatus</i>                                                             |                    |                              | Y         |
| 44.111.02                                                      | <i>Mimulus guttatus – Vulpia microstachys</i>                                       |                    |                              | Y         |
| 44.111.03                                                      | <i>Mimulus guttatus – (Mimulus spp.)</i>                                            |                    |                              | Y         |
| <b>Monolopia (lanceolata) – Coreopsis (calliopsidea)</b>       |                                                                                     |                    | <b>Alliance</b>              |           |
| <b>36.130.00</b>                                               | <b>Monolopia – leafy-stemmed tickseed fields</b>                                    |                    | <b>G3 S3</b>                 |           |
| 36.130.01                                                      | <i>Monolopia lanceolata</i>                                                         |                    | G3 S3                        | Y         |
| 36.130.02                                                      | <i>Coreopsis calliopsidea – Mentzelia pectinata</i>                                 |                    | G3 S3                        | Y         |
| 36.130.03                                                      | <i>Monolopia stricta</i>                                                            |                    | G2 S2                        | Y         |
| 36.130.04                                                      | <i>Coreopsis bigelovii – Layia glandulosa – Mentzelia spp. / Ephedra nevadensis</i> | Provisional        |                              | Y         |
| 36.130.05                                                      | <i>Monolopia major</i>                                                              | Provisional        |                              | Y         |
| <b>Montia fontana – Sidalcea calycosa</b>                      |                                                                                     |                    | <b>Alliance</b>              |           |
| <b>44.113.00</b>                                               | <b>Water blinks – annual checkerbloom vernal pools</b>                              |                    | <b>G2 S2</b>                 |           |
| 44.113.01                                                      | <i>Montia fontana – Sidalcea calycosa</i>                                           |                    |                              | Y         |
| <b>Muhlenbergia filiformis</b>                                 |                                                                                     | <b>Provisional</b> | <b>Alliance</b>              |           |
| <b>41.276.00</b>                                               | <b>Pullup muhly meadows</b>                                                         |                    | <b>G4? S4?</b>               |           |
| 41.276.01                                                      | <i>Muhlenbergia filiformis</i>                                                      | Provisional        |                              | Y         |
| 41.276.02                                                      | <i>Muhlenbergia filiformis – Agrostis exarata</i>                                   | Provisional        |                              | Y         |
| 41.276.03                                                      | <i>Muhlenbergia filiformis – Artemisia ludoviciana</i>                              | Provisional        |                              | Y         |
| 41.276.04                                                      | <i>Penstemon rydbergii – (Muhlenbergia filiformis)</i>                              | Provisional        |                              | Y         |
| <b>Muhlenbergia rigens</b>                                     |                                                                                     |                    | <b>Alliance</b>              |           |
| <b>41.278.00</b>                                               | <b>Deer grass beds</b>                                                              |                    | <b>G3 S2?</b>                |           |
| 41.278.01                                                      | <i>Muhlenbergia rigens</i>                                                          |                    |                              | Y         |
| <b>Nassella spp. – Melica spp.</b>                             |                                                                                     |                    | <b>Alliance</b>              |           |
| <b>41.151.00</b>                                               | <b>Needle grass - Melic grass grassland</b>                                         |                    | <b>G3G4S3S4</b>              |           |
| 41.110.01                                                      | <i>Nassella lepida</i>                                                              |                    | G2? S2                       | Y         |
| 41.140.01                                                      | <i>Nassella cernua</i>                                                              |                    |                              | Y         |
| 41.150.01                                                      | <i>Nassella pulchra – Lolium perenne – (Trifolium spp.)</i>                         |                    | G3 S3?                       | Y         |
| 41.150.03                                                      | <i>Nassella pulchra – Sanicula bipinnatifida</i>                                    |                    |                              | Y         |

California Natural Community

**Primary Life for Herb**

| CaCode                                                                                   | Name                                                                                                      |             | Rarity         | Sensitive                    |
|------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-------------|----------------|------------------------------|
| 41.150.04                                                                                | <i>Nassella pulchra</i>                                                                                   |             | G3? S3         | Y                            |
| 41.150.05                                                                                | <i>Nassella pulchra</i> – <i>Avena</i> spp. – <i>Bromus</i> spp.                                          |             | G3 S3?         | Y                            |
| 41.150.06                                                                                | <i>Nassella pulchra</i> – <i>Erodium</i> spp. – <i>Avena barbata</i>                                      |             |                | Y                            |
| 41.150.07                                                                                | <i>Nassella pulchra</i> / <i>Hazardia squarrosa</i>                                                       |             | G3 S3          | Y                            |
| 41.150.09                                                                                | <i>Nassella pulchra</i> – <i>Melica californica</i> – annual grass                                        |             | G3 S3          | Y                            |
| 41.150.10                                                                                | <i>Nassella pulchra</i> – <i>Distichlis spicata</i> – <i>Bromus</i> spp.                                  |             |                | Y                            |
| 41.150.11                                                                                | <i>Nassella pulchra</i> – <i>Leontodon saxatilis</i>                                                      |             |                | Y                            |
| 41.150.12                                                                                | <i>Nassella pulchra</i> – <i>Lolium perenne</i> – <i>Astragalus gambelianus</i> – <i>Lepidium nitidum</i> |             |                | Y                            |
| 41.150.13                                                                                | <i>Nassella pulchra</i> – <i>Lolium perenne</i> – <i>Calystegia collina</i>                               |             |                | Y                            |
| 41.150.14                                                                                | <i>Nassella pulchra</i> / <i>Baccharis pilularis</i>                                                      |             | G2 S2.2<br>?   | Y                            |
| 41.151.01                                                                                | <i>Melica californica</i>                                                                                 |             |                | Y                            |
| 41.151.02                                                                                | <i>Nassella pulchra</i> – <i>Achnatherum lemmonii</i>                                                     | Provisional |                | Y                            |
| 41.151.03                                                                                | <i>Nassella pulchra</i> – <i>Hemizonia congesta</i>                                                       |             |                | Y                            |
| 41.151.04                                                                                | <i>Nassella pulchra</i> – <i>Lolium perenne</i> – <i>Plantago erecta</i> Serpentine                       |             |                | Y                            |
| 41.151.06                                                                                | <i>Nassella pulchra</i> – <i>Corethrogyne filaginifolia</i>                                               |             |                | Y                            |
| 41.151.07                                                                                | <i>Poa secunda</i> – ( <i>Trifolium gracilentum</i> , <i>willdenovii</i> )                                | Provisional |                | N                            |
| 41.275.01                                                                                | <i>Melica torreyana</i>                                                                                   |             |                | Y                            |
| 41.650.02                                                                                | <i>Elymus multisetus</i> – ( <i>Eschscholzia californica</i> – <i>Plantago erecta</i> )                   |             |                | Y                            |
| <b><i>Navarretia leucocephala</i> ssp. <i>minima</i> – <i>Plagiobothrys cusickii</i></b> |                                                                                                           |             |                | <b>Alliance</b>              |
| <b>43.000.00</b>                                                                         | <b>Little white navarretia - Cusick's popcorn flower vernal pools</b>                                     |             | <b>GNR S2</b>  |                              |
| 43.000.01                                                                                | <i>Taraxia tanacetifolia</i> – <i>Iva axillaris</i>                                                       |             |                | Y                            |
| 43.000.02                                                                                | <i>Marsilea oligospora</i> – <i>Eleocharis (acicularis, bella)</i>                                        |             |                | Y                            |
| 43.000.03                                                                                | <i>Polygonum polygaloides</i> – <i>Downingia bacigalupii</i>                                              |             |                | Y                            |
| 45.231.02                                                                                | <i>Plagiobothrys mollis</i> – ( <i>Eleocharis acicularis</i> – <i>Eryngium mathiasiae</i> )               |             |                | Y                            |
| <b><i>Nuphar lutea</i></b>                                                               |                                                                                                           |             |                | <b>Provisional Alliance</b>  |
| <b>52.110.00</b>                                                                         | <b>Yellow pond-lily mats</b>                                                                              |             | <b>G5 S3?</b>  |                              |
| 52.124.01                                                                                | <i>Nuphar lutea</i> ssp. <i>polysepala</i>                                                                | Provisional | G5             | Y                            |
| <b><i>Oxypolis occidentalis</i></b>                                                      |                                                                                                           |             |                | <b>Alliance</b>              |
| <b>45.418.00</b>                                                                         | <b>Western cowbane meadows</b>                                                                            |             | <b>G3 S3</b>   |                              |
| 45.418.02                                                                                | <i>Oxypolis occidentalis</i> – <i>Bistorta bistortoides</i>                                               |             |                | Y                            |
| 45.418.03                                                                                | <i>Oxypolis occidentalis</i> – <i>Carex amplifolia</i>                                                    |             |                | Y                            |
| 45.418.04                                                                                | <i>Oxypolis occidentalis</i> – <i>Eleocharis montevidensis</i>                                            |             |                | Y                            |
| 45.418.05                                                                                | <i>Oxypolis occidentalis</i> – <i>Senecio triangularis</i>                                                |             |                | Y                            |
| 45.418.06                                                                                | <i>Oxypolis occidentalis</i> / <i>Philonotis fontana</i>                                                  |             |                | Y                            |
| <b><i>Oxyria digyna</i></b>                                                              |                                                                                                           |             |                | <b>Provisional Alliance</b>  |
| <b>91.122.00</b>                                                                         | <b>Mountain sorrel patches</b>                                                                            |             | <b>G4 S3?</b>  |                              |
| 91.122.01                                                                                | <i>Draba lemmonii</i> – <i>Oxyria digyna</i>                                                              | Provisional |                | Y                            |
| <b><i>Pennisetum setaceum</i> – <i>Pennisetum ciliare</i></b>                            |                                                                                                           |             |                | <b>Semi-Natural Alliance</b> |
| <b>42.085.00</b>                                                                         | <b>Fountain grass swards</b>                                                                              |             | <b>GNA SNA</b> |                              |
| 42.085.01                                                                                | <i>Pennisetum setaceum</i>                                                                                |             |                | N                            |

**Primary Life for Herb**

| CaCode                                                        | Name                                                                                                                                  | Rarity              | Sensitive                    |
|---------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|---------------------|------------------------------|
| <b><i>Penstemon heterodoxus</i></b>                           |                                                                                                                                       | <b>Provisional</b>  | <b>Alliance</b>              |
| <b>45.414.00</b>                                              | <b>Heretic penstemon patches</b>                                                                                                      | <b>G4? S3?</b>      |                              |
| 45.414.01                                                     | <i>Antennaria media</i> – <i>Penstemon heterodoxus</i>                                                                                | Provisional         | Y                            |
| 45.414.02                                                     | <i>Penstemon heterodoxus</i> – <i>Achillea millefolium</i>                                                                            | Provisional         | Y                            |
| <b><i>Penstemon newberryi</i></b>                             |                                                                                                                                       |                     | <b>Alliance</b>              |
| <b>45.415.00</b>                                              | <b>Mountain pride patches</b>                                                                                                         | <b>G4 S4</b>        |                              |
| 45.415.02                                                     | <i>Penstemon newberryi</i> – <i>Streptanthus tortuosus</i> / <i>Spiraea splendens</i>                                                 |                     | N                            |
| 45.415.03                                                     | <i>Penstemon newberryi</i> – <i>Streptanthus tortuosus</i> – <i>Sedum obtusatum</i> ssp. <i>boreale</i> – <i>Muhlenbergia montana</i> |                     | N                            |
| 45.415.04                                                     | <i>Penstemon newberryi</i> – <i>Streptanthus tortuosus</i> / <i>Selaginella watsonii</i>                                              | G4?                 | N                            |
| 45.415.05                                                     | <i>Penstemon newberryi</i>                                                                                                            | Provisional         | N                            |
| <b><i>Phalaris aquatica</i> – <i>Phalaris arundinacea</i></b> |                                                                                                                                       |                     | <b>Semi-Natural Alliance</b> |
| <b>42.051.00</b>                                              | <b>Harding grass – Reed Canary grass swards</b>                                                                                       | <b>GNA SNA</b>      |                              |
| 42.051.02                                                     | <i>Phalaris aquatica</i>                                                                                                              | GNA SNA             | N                            |
| 42.051.04                                                     | <i>Phalaris arundinacea</i>                                                                                                           | Provisional GNA SNA | N                            |
| 42.051.05                                                     | <i>Thinopyrum (ponticum, intermedium)</i>                                                                                             | Provisional GNA SNA | N                            |
| <b><i>Phlox covillei</i></b>                                  |                                                                                                                                       |                     | <b>Alliance</b>              |
| <b>91.123.00</b>                                              | <b>Coville's phlox fell-fields</b>                                                                                                    | <b>G4 S3</b>        |                              |
| 91.120.06                                                     | <i>Ivesia muirii</i>                                                                                                                  |                     | Y                            |
| 91.120.08                                                     | <i>Podistera nevadensis</i> – <i>Arenaria kingii</i>                                                                                  |                     | Y                            |
| 91.120.36                                                     | <i>Festuca minutiflora</i> – <i>Penstemon davidsonii</i>                                                                              |                     | Y                            |
| 91.123.01                                                     | <i>Phlox covillei</i> – <i>Elymus elymoides</i> – <i>Podistera nevadensis</i>                                                         | G3?                 | Y                            |
| 91.123.02                                                     | <i>Phlox covillei</i> – <i>Elymus elymoides</i> – <i>Podistera nevadensis</i> – <i>Erigeron pygmaeus</i>                              |                     | Y                            |
| 91.123.03                                                     | <i>Astragalus kentrophyta</i> – <i>Draba oligosperma</i>                                                                              |                     | Y                            |
| 91.123.04                                                     | <i>Draba oligosperma</i> – <i>Poa glauca</i> ssp. <i>rupicola</i>                                                                     |                     | Y                            |
| 91.123.05                                                     | <i>Phlox covillei</i> – <i>Eriogonum incanum</i>                                                                                      |                     | Y                            |
| 91.123.06                                                     | <i>Podistera nevadensis</i> – <i>Erigeron pygmaeus</i>                                                                                |                     | Y                            |
| 91.123.07                                                     | <i>Phlox (covillei)</i> – <i>Ivesia shockleyi</i>                                                                                     |                     | Y                            |
| 91.123.08                                                     | <i>Phlox covillei</i> – <i>Linum lewisii</i>                                                                                          |                     | Y                            |
| 91.123.09                                                     | <i>Phlox covillei</i> – <i>Eriogonum gracilipes</i>                                                                                   |                     | Y                            |
| <b><i>Phlox pulvinata</i></b>                                 |                                                                                                                                       |                     | <b>Alliance</b>              |
| <b>91.150.00</b>                                              | <b>Cushion phlox fell-fields</b>                                                                                                      | <b>G4 S3</b>        |                              |
| 91.150.02                                                     | <i>Phlox pulvinata</i> – <i>Anelsonia eurycarpa</i>                                                                                   |                     | Y                            |
| 91.150.03                                                     | <i>Phlox pulvinata</i> – <i>Ericameria suffruticosa</i> – <i>Ipomopsis congesta</i>                                                   |                     | Y                            |
| 91.150.04                                                     | <i>Phlox pulvinata</i> – <i>Lupinus argenteus</i> var. <i>montigenus</i>                                                              |                     | Y                            |
| 91.150.05                                                     | <i>Phlox pulvinata</i> – <i>Festuca brachyphylla</i>                                                                                  |                     | Y                            |
| 91.150.06                                                     | <i>Phlox pulvinata</i> – <i>Ivesia gordonii</i>                                                                                       |                     | Y                            |
| <b><i>Phragmites australis</i> – <i>Arundo donax</i></b>      |                                                                                                                                       |                     | <b>Semi-Natural Alliance</b> |
| <b>42.081.00</b>                                              | <b>Common and giant reed marshes</b>                                                                                                  | <b>GNR SNR</b>      |                              |
| 41.061.01                                                     | <i>Phragmites australis</i> Western Ruderal                                                                                           |                     | N                            |
| 41.061.02                                                     | <i>Phragmites australis</i> – <i>Scirpus</i> spp.                                                                                     |                     | N                            |
| 42.080.01                                                     | <i>Arundo donax</i>                                                                                                                   | GNA SNA             | N                            |

**Primary Life for Herb**

| CaCode                                                           | Name                                                                                       | Rarity              | Sensitive                    |
|------------------------------------------------------------------|--------------------------------------------------------------------------------------------|---------------------|------------------------------|
| 42.080.02                                                        | <i>Arundo donax</i> – <i>Salix exigua</i>                                                  |                     | N                            |
| <b>Plagiobothrys nothofulvus</b>                                 |                                                                                            |                     | <b>Alliance</b>              |
| <b>43.300.00</b>                                                 | <b>Popcorn flower fields</b>                                                               | <b>G4 S4</b>        |                              |
| 43.300.02                                                        | <i>Plagiobothrys nothofulvus</i> – <i>Castilleja exserta</i> – ( <i>Lupinus nanus</i> )    | Provisional         | Y                            |
| 43.300.03                                                        | <i>Plagiobothrys nothofulvus</i> – <i>Daucus pusillus</i> – <i>Trifolium microcephalum</i> |                     | N                            |
| 43.300.04                                                        | <i>Madia elegans</i> – <i>Plagiobothrys nothofulvus</i>                                    |                     | Y                            |
| <b>Pleuraphis jamesii</b>                                        |                                                                                            |                     | <b>Alliance</b>              |
| <b>41.610.00</b>                                                 | <b>James' galleta shrub-steppe</b>                                                         | <b>G3 S2</b>        |                              |
| 41.610.04                                                        | <i>Pleuraphis jamesii</i>                                                                  |                     | Y                            |
| 41.610.05                                                        | <i>Scleropogon brevifolius</i> – <i>Pleuraphis jamesii</i> – <i>Bouteloua eriopoda</i>     |                     | Y                            |
| 41.610.06                                                        | <i>Bouteloua eriopoda</i> – <i>Pleuraphis jamesii</i>                                      |                     | Y                            |
| <b>Pleuraphis rigida</b>                                         |                                                                                            |                     | <b>Alliance</b>              |
| <b>41.030.00</b>                                                 | <b>Big galleta shrub-steppe</b>                                                            | <b>G3 S2</b>        |                              |
| 41.030.01                                                        | <i>Pleuraphis rigida</i>                                                                   |                     | Y                            |
| 41.030.04                                                        | <i>Pleuraphis rigida</i> – <i>Dalea mollissima</i>                                         |                     | Y                            |
| 41.030.05                                                        | <i>Pleuraphis rigida</i> / <i>Atriplex canescens</i>                                       | G3 S2               | Y                            |
| 41.030.06                                                        | <i>Pleuraphis rigida</i> / <i>Ambrosia dumosa</i>                                          |                     | Y                            |
| 41.030.07                                                        | <i>Pleuraphis rigida</i> / <i>Ephedra (californica, trifurca)</i>                          |                     | Y                            |
| <b>Poa pratensis – Agrostis gigantea – Agrostis stolonifera</b>  |                                                                                            |                     | <b>Semi-Natural Alliance</b> |
| <b>45.107.00</b>                                                 | <b>Kentucky bluegrass – Redtop – Creeping bentgrass meadows</b>                            | <b>GNA SNA</b>      |                              |
| 42.060.01                                                        | <i>Poa pratensis</i> – <i>Carex (nebrascensis, pellita)</i>                                |                     | N                            |
| 42.060.02                                                        | <i>Poa pratensis</i> – <i>Potentilla gracilis</i>                                          |                     | N                            |
| 42.060.04                                                        | <i>Poa pratensis</i> – <i>Juncus patens</i> – <i>Luzula comosa</i>                         |                     | N                            |
| 42.060.05                                                        | <i>Poa pratensis</i>                                                                       | GNA SNA             | N                            |
| 45.106.01                                                        | <i>Agrostis (gigantea, stolonifera)</i>                                                    | GNA SNA             | N                            |
| 45.106.03                                                        | <i>Agrostis stolonifera</i> – <i>Festuca arundinacea</i>                                   |                     | N                            |
| 45.106.05                                                        | <i>Festuca arundinacea</i>                                                                 | Provisional GNA SNA | N                            |
| <b>Poa secunda – Muhlenbergia richardsonis – Carex douglasii</b> |                                                                                            |                     | <b>Alliance</b>              |
| <b>41.279.00</b>                                                 | <b>Onesided bluegrass – mat muhly – Douglas' sedge moist meadow</b>                        | <b>G4? S3</b>       |                              |
| 41.180.02                                                        | <i>Poa secunda</i> ssp. <i>secunda</i>                                                     |                     | Y                            |
| 41.180.03                                                        | <i>Poa secunda</i> Moist                                                                   |                     | Y                            |
| 41.277.01                                                        | <i>Muhlenbergia richardsonis</i>                                                           | Provisional         | Y                            |
| 41.277.02                                                        | <i>Muhlenbergia richardsonis</i> – <i>Achnatherum pinetorum</i>                            | Provisional         | Y                            |
| 45.169.01                                                        | <i>Carex douglasii</i>                                                                     | Provisional         | Y                            |
| <b>Polygonum lapathifolium – Xanthium strumarium</b>             |                                                                                            |                     | <b>Alliance</b>              |
| <b>42.207.00</b>                                                 | <b>Smartweed – cocklebur patches</b>                                                       | <b>G5 S4</b>        |                              |
| 42.207.01                                                        | <i>Xanthium strumarium</i>                                                                 |                     | N                            |
| 42.207.02                                                        | <i>Polygonum (amphibium, lapathifolium)</i>                                                |                     | N                            |
| 42.207.03                                                        | <i>Helianthus annuus</i>                                                                   | Provisional         | N                            |
| 42.207.05                                                        | <i>Alisma (triviale)</i>                                                                   | Provisional         | Y                            |
| 42.207.06                                                        | <i>Cyperus erythrorhizos</i> – <i>Gnaphalium palustre</i>                                  | Provisional         | Y                            |

**Primary Life for Herb**

| CaCode                                                   | Name                                                                                                        | Rarity             | Sensitive       |
|----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|--------------------|-----------------|
| <b><i>Ptilagrostis kingii</i></b>                        |                                                                                                             |                    | <b>Alliance</b> |
| <b>41.225.00</b>                                         | <b>King's needle grass meadows</b>                                                                          | <b>G4 S4</b>       |                 |
| 41.225.01                                                | <i>Ptilagrostis kingii</i>                                                                                  | G3?                | Y               |
| 41.225.02                                                | <i>Ptilagrostis kingii</i> – <i>Oreostemma alpigenum</i>                                                    |                    | N               |
| 91.120.25                                                | <i>Ptilagrostis kingii</i> – <i>Senecio scorzonella</i>                                                     | Provisional        | N               |
| <b><i>Ruppia (cirrhosa, maritima)</i></b>                |                                                                                                             |                    | <b>Alliance</b> |
| <b>52.202.00</b>                                         | <b>Ditch-grass or widgeon-grass mats</b>                                                                    | <b>G4? S2</b>      |                 |
| 52.202.02                                                | <i>Ruppia cirrhosa</i> – algae                                                                              |                    | Y               |
| <b><i>Sarcocornia pacifica (Salicornia depressa)</i></b> |                                                                                                             |                    | <b>Alliance</b> |
| <b>52.215.00</b>                                         | <b>Pickleweed mats</b>                                                                                      | <b>G4 S3</b>       |                 |
| 52.215.01                                                | <i>Sarcocornia pacifica</i> – <i>Cuscuta salina</i> – <i>Spartina densiflora</i>                            |                    | Y               |
| 52.215.02                                                | <i>Sarcocornia pacifica</i> – <i>Distichlis spicata</i>                                                     |                    | Y               |
| 52.215.03                                                | <i>Sarcocornia pacifica</i> – <i>Jaumea carnosa</i> – <i>Distichlis spicata</i>                             | G3 S3              | Y               |
| 52.215.04                                                | <i>Sarcocornia pacifica</i> Managed                                                                         |                    | Y               |
| 52.215.05                                                | <i>Sarcocornia pacifica</i> Tidal                                                                           |                    | Y               |
| 52.215.06                                                | <i>Sarcocornia pacifica</i> – <i>Atriplex prostrata</i>                                                     |                    | Y               |
| 52.215.09                                                | <i>Sarcocornia pacifica</i> – <i>Frankenia salina</i>                                                       |                    | Y               |
| 52.215.10                                                | <i>Sarcocornia pacifica</i> – <i>Grindelia stricta</i>                                                      |                    | Y               |
| 52.215.11                                                | <i>Sarcocornia pacifica</i> – <i>Jaumea carnosa</i>                                                         |                    | Y               |
| 52.215.12                                                | <i>Sarcocornia pacifica</i> – <i>Lepidium latifolium</i>                                                    |                    | Y               |
| 52.215.14                                                | <i>Sarcocornia pacifica</i> / algae                                                                         | G4                 | Y               |
| 52.215.15                                                | <i>Sarcocornia pacifica</i> – <i>Brassica nigra</i>                                                         | G4                 | Y               |
| 52.215.16                                                | <i>Sarcocornia pacifica</i> – <i>Cotula coronopifolia</i>                                                   |                    | Y               |
| 52.215.17                                                | <i>Sarcocornia pacifica</i> – <i>Crypsis schoenoides</i>                                                    |                    | Y               |
| 52.215.18                                                | <i>Sarcocornia pacifica</i> – <i>Echinochloa crus-galli</i> – <i>Polygonum</i> – <i>Xanthium strumarium</i> |                    | Y               |
| 52.215.19                                                | <i>Sarcocornia pacifica</i> / ( <i>Lolium perenne</i> – <i>Polypogon monspeliensis</i> )                    |                    | Y               |
| 52.215.20                                                | <i>Sarcocornia pacifica</i> – <i>Sesuvium verrucosum</i>                                                    |                    | Y               |
| 52.215.21                                                | <i>Sarcocornia pacifica</i> – <i>Frankenia salina</i> – <i>Suaeda taxifolia</i>                             | G2 S2?             | Y               |
| 52.215.22                                                | <i>Sarcocornia pacifica</i> – <i>Jaumea carnosa</i> – <i>Batis maritima</i>                                 |                    | Y               |
| 52.215.23                                                | <i>Salicornia bigelovii</i>                                                                                 | Provisional        | Y               |
| 52.215.24                                                | <i>Triglochin maritima</i>                                                                                  | Provisional        | Y               |
| 52.215.25                                                | <i>Sarcocornia pacifica</i> – <i>Schoenoplectus americanus</i>                                              | Provisional        | Y               |
| <b><i>Saxifraga nidifica</i></b>                         |                                                                                                             | <b>Provisional</b> | <b>Alliance</b> |
| <b>91.124.00</b>                                         | <b>Pink saxifrage patches</b>                                                                               | <b>G4? S3?</b>     |                 |
| 91.124.02                                                | <i>Rhodiola integrifolia</i> – <i>Selaginella watsonii</i>                                                  | Provisional        | Y               |
| 91.124.03                                                | <i>Polygonum minimum</i>                                                                                    | Provisional        | Y               |
| 91.124.04                                                | <i>Saxifraga bryophora</i>                                                                                  | Provisional        | Y               |
| 91.124.05                                                | <i>Saxifraga nidifica</i> – <i>Mimulus rubellus</i>                                                         | Provisional        | Y               |
| <b><i>Saxifraga tolmiei</i></b>                          |                                                                                                             | <b>Provisional</b> | <b>Alliance</b> |
| <b>91.125.00</b>                                         | <b>Patches of Tolmie's alpine saxifrage</b>                                                                 | <b>G4 S3?</b>      |                 |
| 91.125.01                                                | <i>Saxifraga tolmiei</i> – <i>Luzula divaricata</i>                                                         | Provisional        | Y               |
| <b><i>Schoenoplectus (acutus, californicus)</i></b>      |                                                                                                             |                    | <b>Alliance</b> |
| <b>52.128.00</b>                                         | <b>Hardstem and California bulrush marshes</b>                                                              | <b>GNR S3S4</b>    |                 |
| 52.102.02                                                | <i>Schoenoplectus acutus</i> – <i>Typha domingensis</i>                                                     |                    | Y               |

**Primary Life for Herb**

| CaCode                                                                                  | Name                                                                                                                    | Rarity             | Sensitive       |
|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|--------------------|-----------------|
| 52.114.01                                                                               | <i>Schoenoplectus californicus</i> – <i>Schoenoplectus acutus</i>                                                       | G5                 | Y               |
| 52.114.02                                                                               | <i>Schoenoplectus californicus</i>                                                                                      |                    | Y               |
| 52.114.06                                                                               | <i>Schoenoplectus californicus</i> – <i>Schoenoplectus acutus</i> / <i>Rosa californica</i>                             |                    | Y               |
| 52.122.01                                                                               | <i>Schoenoplectus acutus</i>                                                                                            | G5 S3?             | Y               |
| 52.122.05                                                                               | <i>Schoenoplectus acutus</i> – <i>Phragmites australis</i>                                                              |                    | N               |
| 52.122.06                                                                               | <i>Schoenoplectus acutus</i> – <i>Xanthium strumarium</i>                                                               |                    | Y               |
| 52.128.01                                                                               | <i>Schoenoplectus</i> ( <i>acutus</i> , <i>californicus</i> ) – Wetland herbs                                           | Provisional        | Y               |
| 52.128.02                                                                               | <i>Schoenoplectus</i> ( <i>acutus</i> , <i>californicus</i> ) – <i>Typha</i> ( <i>angustifolia</i> , <i>latifolia</i> ) |                    | Y               |
| <b><i>Schoenoplectus americanus</i></b>                                                 |                                                                                                                         |                    | <b>Alliance</b> |
| <b>52.111.00</b>                                                                        | <b>Common Three-square marsh</b>                                                                                        | <b>G5 S3</b>       |                 |
| 52.111.02                                                                               | <i>Schoenoplectus americanus</i> – <i>Argentina egedii</i>                                                              |                    | Y               |
| 52.111.03                                                                               | <i>Schoenoplectus americanus</i> – <i>Lepidium latifolium</i>                                                           |                    | Y               |
| 52.111.04                                                                               | <i>Schoenoplectus americanus</i>                                                                                        | G3? S3             | Y               |
| 52.111.06                                                                               | <i>Schoenoplectus americanus</i> – <i>Schoenoplectus californicus</i> – <i>Schoenoplectus acutus</i>                    | Provisional        | Y               |
| 52.111.07                                                                               | <i>Schoenoplectus pungens</i> – <i>Argentina egedii</i>                                                                 | Provisional        | Y               |
| 52.111.08                                                                               | <i>Schoenoplectus pungens</i>                                                                                           | Provisional        | Y               |
| <b><i>Sedum spathulifolium</i></b>                                                      |                                                                                                                         | <b>Provisional</b> | <b>Alliance</b> |
| <b>43.400.00</b>                                                                        | <b>Coast Range stonecrop draperies</b>                                                                                  | <b>G4? S3</b>      |                 |
| 43.400.01                                                                               | <i>Sedum spathulifolium</i> – <i>Polypodium californicum</i> / Lichen – Moss                                            | Provisional        | Y               |
| <b><i>Selaginella</i> (<i>bigelovii</i>, <i>wallacei</i>)</b>                           |                                                                                                                         |                    | <b>Alliance</b> |
| <b>42.062.00</b>                                                                        | <b>Bushy spikemoss mats</b>                                                                                             | <b>G4 S3</b>       |                 |
| 42.062.01                                                                               | <i>Selaginella bigelovii</i> / <i>Eriogonum fasciculatum</i>                                                            | G4 S3              | Y               |
| 42.062.02                                                                               | <i>Selaginella wallacei</i> / Lichen – Moss                                                                             | Provisional        | Y               |
| 42.062.03                                                                               | <i>Selaginella bigelovii</i> – ( <i>Epilobium canum</i> – <i>Melica californica</i> )                                   | Provisional        | Y               |
| <b><i>Senecio triangularis</i> – <i>Veratrum californicum</i> – <i>Mimulus</i> spp.</b> |                                                                                                                         |                    | <b>Alliance</b> |
| <b>45.427.00</b>                                                                        | <b>Arrowleaf ragwort – white corn lily – monkeyflower mesic meadow</b>                                                  | <b>S3S4</b>        |                 |
| 44.111.04                                                                               | <i>Mimulus lewisii</i>                                                                                                  |                    | Y               |
| 45.419.01                                                                               | <i>Senecio triangularis</i> – <i>Lupinus latifolius</i>                                                                 |                    | N               |
| 45.419.04                                                                               | <i>Senecio triangularis</i> – <i>Athyrium filix-femina</i>                                                              |                    | N               |
| 45.419.05                                                                               | <i>Senecio triangularis</i> – <i>Lupinus polyphyllus</i>                                                                |                    | N               |
| 45.423.01                                                                               | <i>Veratrum californicum</i> – <i>Senecio triangularis</i>                                                              | G4 S3              | Y               |
| 45.423.02                                                                               | <i>Veratrum californicum</i>                                                                                            |                    | N               |
| 45.423.03                                                                               | <i>Veratrum californicum</i> – <i>Bistorta bistortoides</i>                                                             |                    | N               |
| 45.423.04                                                                               | <i>Veratrum californicum</i> – <i>Juncus nevadensis</i>                                                                 |                    | N               |
| 45.427.01                                                                               | <i>Mimulus guttatus</i> Montane                                                                                         |                    | Y               |
| <b><i>Sesuvium verrucosum</i></b>                                                       |                                                                                                                         |                    | <b>Alliance</b> |
| <b>52.210.00</b>                                                                        | <b>Western sea-purslane marshes</b>                                                                                     | <b>G3? S2</b>      |                 |
| 52.210.01                                                                               | <i>Sesuvium verrucosum</i>                                                                                              |                    | Y               |
| 52.210.02                                                                               | <i>Sesuvium verrucosum</i> – <i>Cotula coronopifolia</i>                                                                |                    | Y               |
| 52.210.03                                                                               | <i>Sesuvium verrucosum</i> – <i>Distichlis spicata</i>                                                                  |                    | Y               |
| 52.210.04                                                                               | <i>Sesuvium verrucosum</i> – <i>Lolium perenne</i>                                                                      |                    | Y               |

**Primary Life for Herb**

| CaCode                                                                                         | Name                                                                        |                    | Rarity          | Sensitive                    |
|------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|--------------------|-----------------|------------------------------|
| <b><i>Solidago canadensis</i></b>                                                              |                                                                             | <b>Provisional</b> |                 | <b>Alliance</b>              |
| <b>45.420.00</b>                                                                               | <b>Canada goldenrod patches</b>                                             |                    | <b>G4? S4?</b>  |                              |
| 45.420.01                                                                                      | <i>Solidago canadensis</i> – <i>Achillea millefolium</i>                    | Provisional        | G4?             | N                            |
| <b><i>Sparganium (angustifolium)</i></b>                                                       |                                                                             |                    |                 | <b>Alliance</b>              |
| <b>52.010.00</b>                                                                               | <b>Mats of bur-reed leaves</b>                                              |                    | <b>G4 S3?</b>   |                              |
| 52.010.01                                                                                      | <i>Sparganium angustifolium</i>                                             |                    |                 | Y                            |
| 52.010.02                                                                                      | <i>Sparganium eurycarpum</i>                                                | Provisional        |                 | Y                            |
| <b><i>Spartina (alterniflora, densiflora)</i></b>                                              |                                                                             |                    |                 | <b>Semi-Natural Alliance</b> |
| <b>41.070.00</b>                                                                               | <b>Smooth or Chilean cordgrass marshes</b>                                  |                    | <b>SNA</b>      |                              |
| 41.070.02                                                                                      | <i>Spartina densiflora</i>                                                  |                    | GNA SNA         | N                            |
| <b><i>Spartina foliosa</i></b>                                                                 |                                                                             |                    |                 | <b>Alliance</b>              |
| <b>52.020.00</b>                                                                               | <b>California cordgrass marsh</b>                                           |                    | <b>G3 S3</b>    |                              |
| 52.020.01                                                                                      | <i>Spartina foliosa</i> – <i>Sarcocornia pacifica</i>                       |                    |                 | Y                            |
| 52.020.02                                                                                      | <i>Spartina foliosa</i>                                                     |                    | G3 S3           | Y                            |
| <b><i>Spergularia marina</i></b>                                                               |                                                                             | <b>Provisional</b> |                 | <b>Alliance</b>              |
| <b>52.213.00</b>                                                                               | <b>Saltmarsh sand-spurrey</b>                                               |                    | <b>G3? S3?</b>  |                              |
| <b><i>Sphaeralcea (ambigua, coccinea, parvifolia)</i></b>                                      |                                                                             |                    |                 | <b>Alliance</b>              |
| <b>41.100.00</b>                                                                               | <b>Desert globemallow herbaceous scrub</b>                                  |                    | <b>GNR S4</b>   |                              |
| 41.100.01                                                                                      | <i>Sphaeralcea ambigua</i>                                                  |                    |                 | N                            |
| 41.100.02                                                                                      | <i>Descurainia pinnata</i>                                                  | Provisional        |                 | N                            |
| <b><i>Sporobolus airoides</i> – <i>Muhlenbergia asperifolia</i> – <i>Spartina gracilis</i></b> |                                                                             |                    |                 | <b>Alliance</b>              |
| <b>52.060.00</b>                                                                               | <b>Alkali sacaton – scratchgrass – alkali cordgrass alkaline wet meadow</b> |                    | <b>G4 S2</b>    |                              |
| 41.010.01                                                                                      | <i>Sporobolus airoides</i>                                                  |                    | GNR S2          | Y                            |
| 41.010.02                                                                                      | <i>Sporobolus airoides</i> / <i>Ericameria nauseosa</i>                     |                    |                 | Y                            |
| 41.010.03                                                                                      | <i>Sporobolus airoides</i> / <i>Allenrolfea occidentalis</i>                |                    |                 | Y                            |
| 52.030.01                                                                                      | <i>Spartina gracilis</i>                                                    |                    | GNR S1          | Y                            |
| 52.060.01                                                                                      | <i>Muhlenbergia asperifolia</i>                                             | Provisional        |                 | Y                            |
| 52.060.02                                                                                      | <i>Puccinellia nuttalliana</i>                                              |                    | G3?             | Y                            |
| 52.060.03                                                                                      | <i>Sporobolus airoides</i> – <i>Distichlis spicata</i>                      |                    | G4? S3          | Y                            |
| 52.060.04                                                                                      | <i>Ivesia kingii</i> – <i>Spartina gracilis</i>                             | Provisional        | S2              | Y                            |
| <b><i>Stuckenia (pectinata)</i> – <i>Potamogeton</i> spp.</b>                                  |                                                                             |                    |                 | <b>Alliance</b>              |
| <b>52.107.00</b>                                                                               | <b>Pondweed mats</b>                                                        |                    | <b>G3G5 S3?</b> |                              |
| 52.107.01                                                                                      | <i>Stuckenia pectinata</i>                                                  |                    |                 | Y                            |
| 52.107.02                                                                                      | <i>Potamogeton</i> spp.                                                     |                    |                 | Y                            |
| <b><i>Triantha occidentalis</i> – <i>Narthecium californicum</i></b>                           |                                                                             |                    |                 | <b>Alliance</b>              |
| <b>45.135.00</b>                                                                               | <b>Western false asphodel – California bog asphodel fens</b>                |                    | <b>G2? S2?</b>  |                              |
| 45.135.01                                                                                      | <i>Triantha occidentalis</i> – <i>Rhynchospora alba</i>                     |                    |                 | Y                            |
| 45.135.02                                                                                      | <i>Triantha occidentalis</i> / <i>Sphagnum teres</i>                        |                    |                 | Y                            |
| 45.135.03                                                                                      | <i>Triantha occidentalis</i> – <i>Narthecium californicum</i>               |                    |                 | Y                            |

**Primary Life for Herb**

| CaCode                                                     | Name                                                                                                             |                    | Rarity         | Sensitive       |
|------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|--------------------|----------------|-----------------|
| <b><i>Trifolium longipes</i></b>                           |                                                                                                                  | <b>Provisional</b> |                | <b>Alliance</b> |
| <b>45.426.00</b>                                           | <b>Long-stalk clover meadows</b>                                                                                 |                    | <b>G3? S3?</b> |                 |
| <b><i>Trifolium variegatum</i></b>                         |                                                                                                                  |                    |                | <b>Alliance</b> |
| <b>42.005.00</b>                                           | <b>White-tip clover swales</b>                                                                                   |                    | <b>G3? S3?</b> |                 |
| 42.005.01                                                  | <i>Trifolium variegatum</i>                                                                                      |                    |                | Y               |
| 42.005.02                                                  | <i>Trifolium gracilentum</i> – <i>Hesperervax caulescens</i>                                                     |                    |                | Y               |
| 42.005.03                                                  | <i>Trifolium variegatum</i> – <i>Lolium perenne</i> – <i>Leontodon saxatilis</i>                                 |                    |                | Y               |
| 42.005.05                                                  | <i>(Trifolium variegatum</i> – <i>Vulpia bromoides)</i> – <i>Hypochaeris glabra</i> – <i>Leontodon saxatilis</i> |                    |                | Y               |
| 42.005.06                                                  | <i>Trifolium variegatum</i> – <i>Juncus bufonius</i>                                                             |                    | G1 S1          | Y               |
| <b><i>Typha (angustifolia, domingensis, latifolia)</i></b> |                                                                                                                  |                    |                | <b>Alliance</b> |
| <b>52.050.00</b>                                           | <b>Cattail marshes</b>                                                                                           |                    | <b>G5 S5</b>   |                 |
| 41.061.03                                                  | <i>Phragmites australis</i> ssp. <i>americanus</i>                                                               | Provisional        |                | Y               |
| 52.050.02                                                  | <i>Typha angustifolia</i> – <i>Distichlis spicata</i>                                                            |                    |                | N               |
| 52.050.03                                                  | <i>Typha domingensis</i>                                                                                         |                    | G5?            | N               |
| 52.050.04                                                  | <i>Typha (latifolia, angustifolia)</i>                                                                           |                    |                | N               |
| 52.050.05                                                  | <i>Typha angustifolia</i> – <i>Typha latifolia</i> – <i>Typha domingensis</i>                                    |                    |                | N               |
| 52.050.06                                                  | <i>Typha angustifolia</i> – <i>Typha latifolia</i> – <i>Typha domingensis</i> / <i>Distichlis spicata</i>        |                    |                | N               |
| 52.050.07                                                  | <i>Typha angustifolia</i> – <i>Typha latifolia</i> – <i>Typha domingensis</i> / <i>Echinochloa crus-galli</i>    |                    |                | N               |
| 52.050.08                                                  | <i>Typha angustifolia</i> – <i>Typha latifolia</i> – <i>Typha domingensis</i> / <i>Phragmites australis</i>      |                    |                | N               |
| 52.050.09                                                  | <i>Typha angustifolia</i> – <i>Typha latifolia</i> – <i>Typha domingensis</i> / <i>Schoenoplectus americanus</i> |                    |                | N               |
| <b><i>Zostera (marina, pacifica)</i> Pacific Aquatic</b>   |                                                                                                                  |                    |                | <b>Alliance</b> |
| <b>52.710.00</b>                                           | <b>Eelgrass beds</b>                                                                                             |                    | <b>GNR S3</b>  |                 |
| 52.710.01                                                  | <i>Zostera marina</i>                                                                                            |                    |                | Y               |

Pending Additions to the Natural Community

(some are merges of current alliances)

California Natural Community List - Pending Additions

| CaCode                                                                             | Name              | Primary Life form: | Tree | Rarity | Sensitive      |
|------------------------------------------------------------------------------------|-------------------|--------------------|------|--------|----------------|
| <i>Populus angustifolia</i> – <i>Populus trichocarpa</i>                           |                   |                    |      |        |                |
| 61.125.00                                                                          |                   |                    |      | GNR    | S3             |
| <i>Populus trichocarpa</i> – ( <i>Alnus rubra</i> ) – <i>Fraxinus latifolia</i>    |                   |                    |      |        |                |
| 61.470.00                                                                          |                   |                    |      | SNR    |                |
| <i>Quercus cedrosensis</i>                                                         |                   |                    |      |        | Special Stands |
| 37.421.00                                                                          | Cedros Island Oak |                    |      | G1     | S1             |
| <i>Tsuga heterophylla</i> – <i>Picea sitchensis</i> / <i>Lysichiton americanus</i> |                   |                    |      |        |                |
| 62.100.00                                                                          |                   |                    |      |        |                |

## California Natural Community List - Pending Additions

**Primary Life form: Shrub**

| CaCode                                                                                    | Name                                                                       |                    | Rarity | Sensitive       |
|-------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|--------------------|--------|-----------------|
| <b>Arctostaphylos columbiana</b><br><b>37.341.00</b>                                      |                                                                            | <b>Provisional</b> |        | <b>Alliance</b> |
| <b>Cephalanthus occidentalis – Rosa californica</b><br><b>63.312.00</b>                   | <b>Button willow – California rose thickets</b>                            |                    |        | <b>Alliance</b> |
| 63.312.01                                                                                 | <i>Calycanthus occidentalis</i>                                            | Provisional        |        | Y               |
| <b>Ephedra viridis – Chrysothamnus viscidiflorus – Rhus trilobata</b><br><b>35.355.00</b> | <b>Mormon tea – sticky-flowered rabbitbrush – basket bush sparse scrub</b> | <b>Provisional</b> |        | <b>Alliance</b> |
| 35.355.01                                                                                 | <i>Ericameria cuneata ssp. spathulata</i>                                  | Provisional        | SNR    | Y               |
| <b>Hazardia squarrosa – Ericameria palmeri</b><br><b>32.056.00</b>                        | <b>Sawtooth golden bush - Palmer's goldenbush scrub</b>                    |                    | G3 S3? | <b>Alliance</b> |
| <b>Peucephyllum schottii – Pleurocoronis pluriseta</b><br><b>33.265.00</b>                | <b>Schott's pygmy-cedar – bush arrowleaf sparse scrub</b>                  |                    | G3     | <b>Alliance</b> |
| 33.265.01                                                                                 | <i>Peucephyllum schottii – Pleurocoronis pluriseta – Eucnide urens</i>     |                    |        | Y               |
| 33.265.02                                                                                 | <i>Peucephyllum schottii</i>                                               |                    |        | N               |
| <b>Quercus vaccinifolia – Chrysolepis sempervirens</b><br><b>37.422.00</b>                |                                                                            |                    |        |                 |
| <b>Salix eastwoodiae – Salix lemmonii</b><br><b>61.121.00</b>                             |                                                                            |                    |        |                 |
| <b>Salix scouleriana</b><br><b>37.980.00</b>                                              |                                                                            | <b>Provisional</b> |        | <b>Alliance</b> |
| 37.980.01                                                                                 | <i>Salix scouleriana</i>                                                   | Provisional        |        | N               |

California Natural Community List - Pending Additions

Primary Life form: **Herb**

| CaCode                                                                         | Name                                                 |                    | Rarity  | Sensitive                    |
|--------------------------------------------------------------------------------|------------------------------------------------------|--------------------|---------|------------------------------|
| <b>Brasenia schreberi Aquatic</b>                                              |                                                      | <b>Provisional</b> |         | <b>Alliance</b>              |
| 52.125.00                                                                      | Schreber's watershield wetlands                      |                    |         |                              |
| 52.125.01                                                                      | Brasenia schreberi Western                           | Provisional        |         | Y                            |
| <b>Carex amplifolia – Carex interior – Carex sheldonii</b>                     |                                                      | <b>Provisional</b> |         | <b>Alliance</b>              |
| 45.187.00                                                                      | Bigleaf – inland – Sheldon's sedge patches           |                    |         |                              |
| 45.187.01                                                                      | Carex amplifolia                                     | Provisional        | G3 S2?  | Y                            |
| <b>Carex pansa – Juncus falcatus Interdunal</b>                                |                                                      |                    |         |                              |
| 45.195.00                                                                      |                                                      |                    | G4?     |                              |
| <b>Holocarpha (heermannii, virgata)</b>                                        |                                                      |                    |         | <b>Alliance</b>              |
| 42.240.00                                                                      | Tarweed fields                                       |                    | G3 S3   |                              |
| 42.240.01                                                                      | Holocarpha virgata                                   |                    |         | Y                            |
| 42.240.02                                                                      | Holocarpha heermannii                                |                    |         | Y                            |
| 42.240.03                                                                      | Blepharizonia plumosa                                | Provisional        |         | Y                            |
| 42.240.04                                                                      | Deinandra lobbii                                     | Provisional        |         | Y                            |
| <b>Juncus drummondii – Juncus parryi – Sibbaldia procumbens</b>                |                                                      |                    |         | <b>Alliance</b>              |
| 45.403.00                                                                      |                                                      |                    |         |                              |
| <b>Phlox covillei – Ericameria discoidea</b>                                   |                                                      |                    |         |                              |
| 91.128.00                                                                      |                                                      |                    |         |                              |
| <b>Ranunculus aquatilis – Callitriche palustris – Callitriche heterophylla</b> |                                                      | <b>Provisional</b> |         | <b>Alliance</b>              |
| 52.129.00                                                                      |                                                      |                    |         |                              |
| 52.129.01                                                                      | Ranunculus aquatilis                                 | Provisional        |         | Y                            |
| <b>Salsola tragus – Isatis tinctoria – Bassia spp.</b>                         |                                                      |                    |         | <b>Semi-Natural Alliance</b> |
| 42.015.00                                                                      | Russianthistle – dyers woad – fivehood bassia fields |                    | GNA SNA |                              |
| 42.015.01                                                                      | Salsola spp.                                         |                    | GNA SNA | N                            |
| 42.015.02                                                                      | Bassia (hyssopifolia, scoparia)                      |                    | GNA SNA | N                            |
| <b>Trifolium longipes – Muhlenbergia filiformis</b>                            |                                                      |                    |         |                              |
| 45.428.00                                                                      |                                                      |                    |         |                              |