

**APPENDIX 4.5.1.3-1     Plant Species in the Sierra Nevada Ecoregion**

| Scientific name                                                                                 | Alliance ID | Common name                                                                           | Primary lifeform | Global rarity | State rarity |
|-------------------------------------------------------------------------------------------------|-------------|---------------------------------------------------------------------------------------|------------------|---------------|--------------|
| <i>Abies concolor</i>                                                                           | 3           | White fir forest and woodland                                                         | Tree             | G4            | S4           |
| <i>Abies concolor</i> - <i>Pinus lambertiana</i>                                                | 4           | White fir - sugar pine forest and woodland                                            | Tree             | G4            | S4           |
| <i>Abies concolor</i> - <i>Pseudotsuga menziesii</i>                                            | 5           | White fir - Douglas fir forest and woodland                                           | Tree             | G5            | S4           |
| <i>Abies magnifica</i>                                                                          | 8           | Red fir forest and woodland                                                           | Tree             | G5            | S4           |
| <i>Acer glabrum</i>                                                                             | 101         | Rocky Mountain maple thickets                                                         | Shrub            | G5            | S3?          |
| <i>Acer macrophyllum</i>                                                                        | 10          | Bigleaf maple forest and woodland                                                     | Tree             | G4            | S3           |
| <i>Achnatherum hymenoides</i>                                                                   | 310         | Indian rice grass grassland                                                           | Herb             | G4            | S1.2         |
| <i>Achnatherum speciosum</i>                                                                    | 311         | Desert needlegrass grassland                                                          | Herb             | G4            | S2.2         |
| <i>Adenostoma fasciculatum</i>                                                                  | 102         | Chamise chaparral                                                                     | Shrub            | G5            | S5           |
| <i>Aesculus californica</i>                                                                     | 12          | California buckeye groves                                                             | Tree             | G3            | S3           |
| <i>Agastache urticifolia</i> - <i>Geranium viscosissimum</i> - <i>Pteridium aquilinum</i>       | 594         | Nettleleaf Giant Hyssop - Sticky Geranium - Bracken Fern meadow                       | Herb             | GNR           | S4           |
| <i>Allium</i> spp. - <i>Streptanthus</i> spp. - <i>Hesperolinon</i> spp. <i>Serpentinite</i>    | 504         | Onion - twistflower - dwarf-flax serpentinite rock outcrop                            | Herb             | G2G3          | S2S3         |
| <i>Alnus incana</i>                                                                             | 109         | Mountain alder thicket                                                                | Shrub            | G4            | S3           |
| <i>Alnus rhombifolia</i>                                                                        | 13          | White alder groves                                                                    | Tree             | G4            | S4           |
| <i>Alopecurus geniculatus</i>                                                                   | 315         | Water foxtail meadows                                                                 | Herb             | G3?           | S3?          |
| <i>Ambrosia salsola</i> - <i>Bebbia juncea</i>                                                  | 112         | Cheesebush - sweetbush scrub                                                          | Shrub            | G4            | S4           |
| <i>Amelanchier utahensis</i> - <i>Cercocarpus montanus</i> - <i>Cercocarpus intricatus</i>      | 173         | Utah serviceberry - birch leaf mountain mahogany - small leaf mountain mahogany scrub | Shrub            | G4            | S3           |
| <i>Amsinckia</i> ( <i>menziesii</i> , <i>tessellata</i> ) - <i>Phacelia</i> spp.                | 318         | Fiddleneck - <i>Phacelia</i> Fields                                                   | Herb             | G5            | S5           |
| <i>Anemopsis californica</i> - <i>Helianthus nuttallii</i> - <i>Solidago spectabilis</i>        | 319         | Yerba mansa - Nuttall's sunflower - Nevada goldenrod alkaline wet meadows             | Herb             | G3            | S2           |
| <i>Arbutus menziesii</i>                                                                        | 15          | Madrone forest                                                                        | Tree             | G4            | S4.2         |
| <i>Arctostaphylos glauca</i>                                                                    | 117         | Bigberry manzanita chaparral                                                          | Shrub            | G4            | S4           |
| <i>Arctostaphylos patula</i> - <i>Arctostaphylos nevadensis</i>                                 | 127         | Green leaf manzanita - Pinemat manzanita chaparral                                    | Shrub            | G5            | S3S4         |
| <i>Arctostaphylos viscida</i>                                                                   | 133         | Whiteleaf manzanita chaparral                                                         | Shrub            | G4            | S4           |
| <i>Aristida purpurea</i> - <i>Elymus elymoides</i> - <i>Poa secunda</i>                         | 568         | Purple three-awn - squirreltail - curly blue grass patches                            | Herb             | G4            | S4?          |
| <i>Artemisia arbuscula</i> ssp. <i>arbuscula</i>                                                | 134         | Little sagebrush scrub                                                                | Shrub            | G5            | S4           |
| <i>Artemisia cana</i>                                                                           | 139         | Silver sagebrush wet shrubland                                                        | Shrub            | G5            | S3           |
| <i>Artemisia rothrockii</i>                                                                     | 141         | Rothrockâ€™s sagebrush                                                                | Shrub            | G3            | S3           |
| <i>Artemisia tridentata</i>                                                                     | 142         | Big sagebrush                                                                         | Shrub            | G5            | S5           |
| <i>Artemisia tridentata</i> ssp. <i>vaseyana</i>                                                | 143         | Mountain big sagebrush                                                                | Shrub            | G4            | S4           |
| <i>Atriplex confertifolia</i>                                                                   | 145         | Shadscale scrub                                                                       | Shrub            | G5            | S4.2         |
| <i>Avena</i> spp. - <i>Bromus</i> spp.                                                          | 535         | Wild oats and annual brome grasslands                                                 | Herb             | GNA           | SNA          |
| <i>Azolla</i> ( <i>filiculoides</i> , <i>microphylla</i> )                                      | 327         | Mosquito fern mats                                                                    | Herb             | G5            | S5           |
| <i>Baccharis salicifolia</i>                                                                    | 152         | Mulefat thickets                                                                      | Shrub            | G5            | S4           |
| <i>Betula occidentalis</i>                                                                      | 155         | Water birch thicket                                                                   | Shrub            | G4            | S3           |
| <i>Bidens cernua</i> - <i>Euthamia occidentalis</i> - <i>Ludwigia palustris</i>                 | 558         | Nodding beggarticks - western goldentop - marsh seedbox mudflats                      | Herb             | GNR           | S4           |
| <i>Brassica nigra</i> - <i>Centaurea</i> ( <i>solstitialis</i> , <i>melitensis</i> )            | 564         | Upland mustards or star-thistle fields                                                | Herb             | GNA           | SNA          |
| <i>Bromus rubens</i> - <i>Schismus</i> ( <i>arabicus</i> , <i>barbatus</i> )                    | 332         | Red brome or Mediterranean grass grasslands                                           | Herb             | GNA           | SNA          |
| <i>Bromus tectorum</i> - <i>Taeniatherum caput-medusae</i>                                      | 333         | Cheatgrass - medusahead grassland                                                     | Herb             | GNA           | SNA          |
| <i>Calamagrostis muiriana</i>                                                                   | 336         | Shorthair reed grass meadows                                                          | Herb             | G4            | S4           |
| <i>Calamagrostis purpurascens</i>                                                               | 338         | Fell-fields with purple reed grass                                                    | Herb             | G4?           | S4?          |
| <i>Calocedrus decurrens</i>                                                                     | 28          | Incense cedar forest and woodland                                                     | Tree             | G4            | S3           |
| <i>Carex breweri</i>                                                                            | 342         | Brewer sedge mats                                                                     | Herb             | G4            | S3           |
| <i>Carex congdonii</i>                                                                          | 343         | Congdonâ€™s sedge talus                                                               | Herb             | G2            | S2           |
| <i>Carex filifolia</i>                                                                          | 346         | Shorthair sedge turf                                                                  | Herb             | G4            | S4           |
| <i>Carex helleri</i>                                                                            | 347         | Hellerâ€™s sedge fell-fields                                                          | Herb             | G4            | S2           |
| <i>Carex heteroneura</i>                                                                        | 348         | Different-nerve sedge patches                                                         | Herb             | G3?           | S3?          |
| <i>Carex jonesii</i>                                                                            | 350         | Jonesâ€™s sedge turf                                                                  | Herb             | G4            | S3           |
| <i>Carex lasiocarpa</i>                                                                         | 351         | Slender sedge meadows                                                                 | Herb             | G5?           | S3?          |
| <i>Carex limosa</i> - <i>Carex simulata</i> - <i>Eleocharis quinqueflora</i>                    | 605         | Mud Sedge - Short Beaked Sedge - Seaside Arrow-grass Fen Alliance                     | Herb             | GNR           | S3           |
| <i>Carex nigricans</i>                                                                          | 356         | Black alpine sedge meadows                                                            | Herb             | G4            | S3?          |
| <i>Carex nudata</i>                                                                             | 357         | Torrent sedge patches                                                                 | Herb             | G3            | S3           |
| <i>Carex spectabilis</i>                                                                        | 363         | Showy sedge sod                                                                       | Herb             | G4            | S3           |
| <i>Carex stramineiformis</i>                                                                    | 364         | Mount Shasta sedge meadows                                                            | Herb             | G3?           | S3?          |
| <i>Carex subnigricans</i>                                                                       | 365         | Dark alpine sedge turf                                                                | Herb             | G4            | S3           |
| <i>Carex utriculata</i> - <i>Calamagrostis canadensis</i>                                       | 606         | Northwest Territory sedge - Bluejoint Graminoid Wet Meadow & Marsh                    | Herb             | GNR           | S3           |
| <i>Cassiope mertensiana</i>                                                                     | 157         | White mountain heather heath                                                          | Shrub            | G5            | S3?          |
| <i>Ceanothus cordulatus</i> - <i>Ceanothus integerrimus</i>                                     | 597         | Californian montane whitethorn - deerbrush chaparral                                  | Shrub            | GNR           | S5           |
| <i>Ceanothus cuneatus</i>                                                                       | 161         | Wedge leaf ceanothus chaparral, Buck brush chaparral                                  | Shrub            | G4            | S4           |
| <i>Ceanothus greggii</i> - <i>Fremontodendron californicum</i>                                  | 162         | Cup leaf ceanothus - California flannelbush chaparral                                 | Shrub            | G4            | S3           |
| <i>Ceanothus leucodermis</i>                                                                    | 164         | Chaparral whitethorn chaparral                                                        | Shrub            | G4            | S4           |
| <i>Ceanothus velutinus</i>                                                                      | 170         | Tobacco brush or snow bush chaparral                                                  | Shrub            | G5            | S4           |
| <i>Celtis laevigata</i> var. <i>reticulata</i> - <i>Rhus trilobata</i>                          | 512         | Sugarberry - skunkbush sumac scrub                                                    | Shrub            | G3            | S1           |
| <i>Centaurea</i> ( <i>virgata</i> )                                                             | 369         | Knapweed and purple-flowered star-thistle fields                                      | Herb             | GNA           | SNA          |
| <i>Cephalanthus occidentalis</i>                                                                | 172         | Button willow thickets                                                                | Shrub            | G5            | S2           |
| <i>Ceratophyllum demersum</i> <i>Aquatic</i>                                                    | 542         | Raccoon's tail mats                                                                   | Herb             | G5            | S4           |
| <i>Cercocarpus ledifolius</i>                                                                   | 174         | Curtleaf mountain mahogany scrub                                                      | Shrub            | G5            | S4           |
| <i>Cercocarpus montanus</i>                                                                     | 175         | Birch leaf mountain mahogany chaparral                                                | Shrub            | G5            | S4           |
| <i>Chrysolepis sempervirens</i>                                                                 | 177         | Bush chinquapin chaparral                                                             | Shrub            | G4            | S3.3         |
| <i>Chrysothamnus viscidiflorus</i>                                                              | 551         | Yellow rabbitbrush shrubland                                                          | Shrub            | G5            | S5           |
| <i>Cistanthe</i> ( <i>umbellata</i> ) - <i>Gayophytum</i> ( <i>diffusum</i> )                   | 372         | Pussypaws - groundsmoke openings                                                      | Herb             | G4            | S4           |
| <i>Coleogyne ramosissima</i>                                                                    | 178         | Black brush scrub                                                                     | Shrub            | G5            | S4           |
| <i>Conium maculatum</i> - <i>Foeniculum vulgare</i>                                             | 373         | Poison hemlock or fennel patches                                                      | Herb             | GNA           | SNA          |
| <i>Corethrogyne filaginifolia</i> - <i>Eriogonum</i> ( <i>elongatum</i> , <i>nudum</i> )        | 505         | Sand-aster and perennial buckwheat fields                                             | Herb             | G4            | S4           |
| <i>Cornus sericea</i> - <i>Rosa woodsii</i> - <i>Ribes</i> spp.                                 | 271         | Red-osier dogwood - Interior rose - Currant thickets                                  | Shrub            | G5            | S3           |
| <i>Cylindropuntia acanthocarpa</i> / <i>Pleurophis rigida</i>                                   | 508         | Buckhorn cholla / big galleta grass scrub                                             | Shrub            | GNR           | S4           |
| <i>Cynodon dactylon</i> - <i>Crypsis</i> spp. - <i>Paspalum</i> spp.                            | 538         | Bermudagrass - prickie grass - crownggrass turfs                                      | Herb             | GNA           | SNA          |
| <i>Cytisus scoparius</i> - <i>Genista monspessulana</i> - <i>Cotoneaster</i> spp.               | 156         | Broom patches                                                                         | Shrub            | GNA           | SNA          |
| <i>Danthonia californica</i> - <i>Deschampsia cespitosa</i> - <i>Camassia quamash</i>           | 576         | Oatgrass - Tufted Hairgrass - Camas wet meadow                                        | Herb             | GNR           | S4           |
| <i>Danthonia intermedia</i>                                                                     | 378         | Wild mountain oat grass meadows                                                       | Herb             | G4?           | S3?          |
| <i>Darlingtonia californica</i>                                                                 | 379         | California pitcher plant fens                                                         | Herb             | G4?           | S3           |
| <i>Dasiphora fruticosa</i>                                                                      | 183         | Shrubby cinquefoil scrub                                                              | Shrub            | G5            | S3?          |
| <i>Distichlis spicata</i> - ( <i>Juncus cooperi</i> - <i>Frankenia salina</i> ) <i>Interior</i> | 617         | Saltgrass - Cooper's rush - Alkali heath Interior                                     | Herb             | GNR           | S4           |
| <i>Dudleya cymosa</i> - <i>Dudleya lanceolata</i> / <i>Lichen</i> - <i>Moss</i>                 | 519         | Live-forever - lichen/moss sparse herbaceous rock outcrop                             | Herb             | G4            | S4           |
| <i>Dulichium arundinaceum</i>                                                                   | 384         | Three-way sedge meadows                                                               | Herb             | G3?           | S1           |
| <i>Eleocharis</i> ( <i>palustris</i> , <i>rostellata</i> ) <i>Alkaline-Saline</i>               | 497         | Common spikerush and beaked spikerush marshes                                         | Herb             | GNR           | S2S3         |
| <i>Elymus glaucus</i> <i>Montane</i>                                                            | 388         | Blue wild rye montane meadows                                                         | Herb             | G3?           | S3?          |
| <i>Encelia</i> ( <i>actoni</i> , <i>virginensis</i> ) - <i>Viguiera reticulata</i>              | 559         | Acton's and Virgin River brittle brush - net-veined goldeneye scrub                   | Shrub            | G3            | S3           |
| <i>Ephedra nevadensis</i> - <i>Lycium andersonii</i> - <i>Grayia spinosa</i>                    | 556         | Nevada joint fir - Andersonâ€™s boxthorn - spiny hop sage scrub                       | Shrub            | G5            | S3S4         |
| <i>Ephedra viridis</i>                                                                          | 193         | Mormon tea scrub                                                                      | Shrub            | G4            | S4           |
| <i>Equisetum</i> ( <i>arvense</i> , <i>variegatum</i> , <i>hyemale</i> )                        | 557         | Field horsetail - scouringrush horsetail - variegated scouringrush wet meadow         | Herb             | GNR           | S3S4         |
| <i>Ericameria discoidea</i> - <i>Hulsea algida</i>                                              | 390         | Fell-fields with California heath-goldenrod and Pacific alpine gold                   | Herb             | G3?           | S3?          |
| <i>Ericameria linearifolia</i> - <i>Cleome isomeris</i>                                         | 194         | Narrowleaf goldenbush - bladderpod scrub                                              | Shrub            | G4            | S4           |

|                                                                            |                                                                           |       |      |       |
|----------------------------------------------------------------------------|---------------------------------------------------------------------------|-------|------|-------|
| Ericameria nauseosa                                                        | 195 Rubber rabbitbrush scrub                                              | Shrub | G5   | S5    |
| Ericameria teretifolia                                                     | 199 Needleleaf rabbitbrush scrub                                          | Shrub | G4   | S4    |
| Eriogonum fasciculatum                                                     | 203 California buckwheat scrub                                            | Shrub | G5   | S5    |
| Eriogonum fasciculatum - Viguiera parishii                                 | 305 California buckwheat - Parishâ€™s goldeneye scrub                     | Shrub | G4   | S4    |
| Eriogonum spp. / Poa secunda                                               | 574 Buckwheat / pine bluegrass dwarf-shrubland                            | Shrub | GNR  | S3    |
| Eriogonum wrightii - Eriogonum heermannii - Buddleja utahensis             | 528 Wright's buckwheat - Heermann's buckwheat - Utah butterfly-bush scrub | Shrub | G3   | S3    |
| Festuca brachyphylla                                                       | 393 Alpine fescue fell-fields                                             | Herb  | G4?  | S3?   |
| Fraxinus latifolia                                                         | 32 Oregon ash groves                                                      | Tree  | G4   | S3.2  |
| Hesperocyparis bakeri                                                      | 18 Baker cypress stands                                                   | Tree  | G2   | S2.2  |
| Hesperocyparis forbesii - Hesperocyparis nevadensis                        | 595 Tecate cypress - Piute cypress woodland                               | Tree  | G3   | S3    |
| Hesperocyparis (sargentii, macnabiana)                                     | 591 Ultramafic cypress woodland                                           | Tree  | G3   | S3    |
| Holcus lanatus - Anthoxanthum odoratum                                     | 400 Common velvet grass - sweet vernal grass meadows                      | Herb  | GNA  | SNA   |
| Hydrilla verticillata - Myriophyllum spicatum                              | 560 Ruderal water-thyme - Eurasian water-milfoil aquatic                  | Herb  | GNR  | SNR   |
| Iris missouriensis                                                         | 403 Western blue flag patches                                             | Herb  | G5   | S4    |
| Isoetes (bolanderi, echinospora, howellii, nuttallii, occidentalis)        | 404 Quillwort beds                                                        | Herb  | G3   | S3?   |
| Juncus arcticus (var. balticus, mexicanus)                                 | 405 Baltic and Mexican rush marshes                                       | Herb  | G5   | S4    |
| Juncus (effusus, patens) - Carex (pansa, praegracilis)                     | 532 Soft and western rush - Sedge marshes                                 | Herb  | G4?  | S3S4  |
| Juncus (oxymuris, xiphioides)                                              | 410 Iris-leaf rush seeps                                                  | Herb  | G2?  | S2?   |
| Juncus parryi                                                              | 411 Parryâ€™s rush outcrops                                               | Herb  | G4   | S4    |
| Juniperus californica                                                      | 35 California juniper woodland                                            | Tree  | G4   | S4    |
| Juniperus grandis                                                          | 36 Mountain juniper woodland                                              | Tree  | G4   | S4    |
| Juniperus occidentalis                                                     | 37 Western juniper woodland                                               | Tree  | G5   | S4    |
| Juniperus osteosperma                                                      | 38 Utah juniper woodland and forest                                       | Tree  | G5   | S3.2  |
| Kalmia microphylla                                                         | 219 Alpine laurel heath                                                   | Shrub | G4   | S3?   |
| Kobresia myosuroides                                                       | 413 Pacific bog sedge meadows                                             | Herb  | G5   | S1    |
| Lasthenia californica - Plantago erecta - Vulpia microstachys              | 414 California goldfields - dwarf plantain - small fescue flower fields   | Herb  | G4   | S4    |
| Lemna (minor) and Relatives                                                | 419 Duckweed blooms                                                       | Herb  | G5   | S4?   |
| Lepidospartum squamatum                                                    | 226 Scale broom scrub                                                     | Shrub | G3   | S3    |
| Leymus cinereus - Leymus triticoideis                                      | 543 Ashy ryegrass - Creeping wildrye turfs                                | Herb  | G3   | S3    |
| Lotus scoparius - Lupinus albiifrons - Eriodictyon spp.                    | 567 Deerweed - silver lupine - yerba santa scrub                          | Shrub | G5   | S5    |
| Lotus unifoliolatus                                                        | 426 Spanish clover fields                                                 | Herb  | G4?  | S4?   |
| Malacothamnus fasciculatus - Malacothamnus spp.                            | 234 Bushmallow scrub                                                      | Shrub | G4   | S4    |
| Mimulus guttatus - Cirsium spp. - Stachys spp.                             | 613 Common monkey flower - thistle - hedgenettle seeps                    | Herb  | GNR  | S3    |
| Monolopia (lanceolata) - Coreopsis (calliopsidea)                          | 514 Monolopia - leafy-stemmed tickseed fields                             | Herb  | G3   | S3    |
| Muhlenbergia filiformis                                                    | 431 Pullup muhly meadows                                                  | Herb  | G4?  | S4?   |
| Muhlenbergia rigens                                                        | 433 Deer grass beds                                                       | Herb  | G3   | S2?   |
| Nassella spp. - Melica spp.                                                | 536 Needle grass - Melic grass grassland                                  | Herb  | G3G4 | S3S4  |
| Navarretia leucocephala ssp. minima - Plagiobothrys cusickii               | 575 Little white navarretia - Cusick's popcorn flower vernal pools        | Herb  | GNR  | S2    |
| Nolina (bigelovii, parryi)                                                 | 238 Nolina scrub                                                          | Shrub | G3   | S2.2  |
| Notholithocarpus densiflorus                                               | 39 Tanoak forest                                                          | Tree  | G4   | S3.2  |
| Notholithocarpus densiflorus var. echinoides                               | 227 Shrub tanoak chaparral                                                | Shrub | G3   | S3    |
| Nuphar lutea                                                               | 437 Yellow pond-lily mats                                                 | Herb  | G5   | S3?   |
| Oxypolis occidentalis                                                      | 439 Western cowbane meadows                                               | Herb  | G3   | S3    |
| Oxyria digyna                                                              | 440 Mountain sorrel patches                                               | Herb  | G4   | S3?   |
| Penstemon heterodoxus                                                      | 443 Heretic penstemon patches                                             | Herb  | G4?  | S3?   |
| Penstemon newberryi                                                        | 444 Mountain pride patches                                                | Herb  | G4   | S4    |
| Phalaris aquatica - Phalaris arundinacea                                   | 446 Harding grass - Reed Canary grass swards                              | Herb  | GNA  | SNA   |
| Phlox covillei                                                             | 447 Covilleâ€™s phlox fell-fields                                         | Herb  | G4   | S3    |
| Phlox pulvinata                                                            | 448 Cushion phlox fell-fields                                             | Herb  | G4   | S3    |
| Phyllodoce breweri                                                         | 241 Purple mountain-heath mats                                            | Shrub | G4   | S4?   |
| Pinus albicaulis                                                           | 45 Whitebark pine forest and woodland                                     | Tree  | G5   | S4    |
| Pinus attenuata                                                            | 46 Knobcone pine forest and woodland                                      | Tree  | G4   | S4    |
| Pinus balfouriana                                                          | 47 Foxtail pine woodland                                                  | Tree  | G3   | S3    |
| Pinus contorta ssp. murrayana                                              | 49 Lodgepole pine forest and woodland                                     | Tree  | G4   | S4    |
| Pinus flexilis                                                             | 52 Limber pine woodland                                                   | Tree  | G5   | S3.2  |
| Pinus jeffreyi                                                             | 53 Jeffrey pine forest and woodland                                       | Tree  | G4   | S4    |
| Pinus monophylla - (Juniperus osteosperma)                                 | 56 Singleleaf pinyon - Utah juniper woodlands                             | Tree  | G5   | S4    |
| Pinus monticola                                                            | 57 Western white pine forest and woodland                                 | Tree  | G5   | S4    |
| Pinus ponderosa                                                            | 59 Ponderosa pine forest and woodland                                     | Tree  | G5   | S4    |
| Pinus ponderosa - Calocedrus decurrens - Pseudotsuga menziesii             | 585 Ponderosa pine - Incense Cedar - Douglas fir forest and woodland      | Tree  | GNR  | S4    |
| Pinus ponderosa / Shrub Understory                                         | 578 Ponderosa pine / shrub understory woodland                            | Tree  | GNR  | S4    |
| Pinus sabiniana                                                            | 64 Foothill pine woodland                                                 | Tree  | G4   | S4    |
| Platanus racemosa - Quercus agrifolia                                      | 67 California sycamore - coast live oak riparian woodlands                | Tree  | G3   | S3    |
| Pluchea sericea                                                            | 243 Arrow weed thickets                                                   | Shrub | G4   | S3.3  |
| Poa pratensis - Agrostis gigantea - Agrostis stolonifera                   | 579 Kentucky bluegrass - Redtop - Creeping bentgrass meadows              | Herb  | GNA  | SNA   |
| Poa secunda - Muhlenbergia richardsonis - Carex douglasii                  | 506 Onesided bluegrass - mat muhly - Douglas' sedge moist meadow          | Herb  | G4?  | S3    |
| Polygonum lapathifolium - Xanthium strumarium                              | 445 Smartweed - cocklebur patches                                         | Herb  | G5   | S4    |
| Populus fremontii - Fraxinus velutina - Salix gooddingii                   | 68 Fremont cottonwood forest and woodland                                 | Tree  | G4   | S3.2  |
| Populus tremuloides                                                        | 69 Aspen groves                                                           | Tree  | G5   | S3.2  |
| Populus trichocarpa                                                        | 70 Black cottonwood forest and woodland                                   | Tree  | G5   | S3    |
| Prunus emarginata - Holodiscus discolor                                    | 570 Bitter Cherry - Ocean Spray Brush                                     | Shrub | G4   | S4    |
| Prunus fasciculata - Salazaria mexicana                                    | 550 Desert almond - Mexican bladdersage scrub                             | Shrub | G4   | S4    |
| Prunus virginiana                                                          | 248 Choke cherry thickets                                                 | Shrub | G4   | S4    |
| Pseudotsuga menziesii - (Notholithocarpus densiflorus - Arbutus menziesii) | 600 Douglas fir - tanoak forest - madrone forest and woodland             | Tree  | G4   | S4    |
| Psoralethamnus fremontii - Psoralethamnus polydenius                       | 500 Fremont's smokebush - Nevada smokebush scrub                          | Shrub | G4?  | S3    |
| Ptilagrostis kingii                                                        | 456 Kingâ€™s needle grass meadows                                         | Herb  | G4   | S4    |
| Purshia tridentata - Artemisia tridentata                                  | 250 Antelope bitterbrush - Big sagebrush scrub                            | Shrub | G4   | S4    |
| Quercus berberidifolia                                                     | 251 Scrub oak chaparral                                                   | Shrub | G4   | S4    |
| Quercus chrysolepis (tree)                                                 | 79 Canyon live oak forest and woodland                                    | Tree  | G5   | S5    |
| Quercus douglasii                                                          | 80 Blue oak woodland and forest                                           | Tree  | G4   | S4    |
| Quercus garryana (shrub)                                                   | 256 Brewer oak scrub                                                      | Shrub | G4   | S4    |
| Quercus john-tuckeri                                                       | 257 Tucker oak chaparral                                                  | Shrub | G4   | S4    |
| Quercus kelloggii                                                          | 83 California black oak forest and woodland                               | Tree  | G4   | S4    |
| Quercus lobata                                                             | 84 Valley oak woodland and forest                                         | Tree  | G3   | S3    |
| Quercus lobata Riparian                                                    | 571 Valley oak riparian forest and woodland                               | Tree  | G3   | S3    |
| Quercus vacciniifolia                                                      | 262 Huckleberry oak chaparral                                             | Shrub | G4   | S4    |
| Quercus wislizeni - Quercus chrysolepis (shrub)                            | 581 Canyon live oak - Interior live oak chaparral                         | Shrub | G4   | S3S4  |
| Quercus wislizeni - Quercus parvula (tree)                                 | 88 Interior live oak - shreve oak woodland and forest                     | Tree  | G4   | S4    |
| Rhododendron columbianum                                                   | 264 Western Labrador-tea thickets                                         | Shrub | G4   | S2    |
| Rhus trilobata - Crataegus rivularis - Forestiera pubescens                | 207 Basket bush - river hawthorn - desert olive patches                   | Shrub | G4   | S3.2? |
| Ribes quercetorum - Rhus trilobata - Frangula californica                  | 614 Oak gooseberry - basket bush - coffeeberry thickets                   | Shrub | GNR  | SNR   |
| Rubus armeniacus - Sesbania punicea - Ficus carica                         | 272 Himalayan blackberry - rattlebox - edible fig riparian scrub          | Shrub | GNA  | SNA   |
| Salix boothii - Salix geyeriana - Salix lutea                              | 503 Booth's Willow - Geyer's Willow - Yellow Willow thickets              | Shrub | GNR  | S2    |
| Salix eastwoodiae                                                          | 277 Sierran willow thickets                                               | Shrub | G3   | S3    |

|                                                             |                                                                     |       |      |      |
|-------------------------------------------------------------|---------------------------------------------------------------------|-------|------|------|
| Salix exigua                                                | 278 Sandbar willow thickets                                         | Shrub | G5   | S4.2 |
| Salix gooddingii - Salix laevigata                          | 520 Goodding's willow - red willow riparian woodland and forest     | Tree  | G4   | S3   |
| Salix jepsonii                                              | 281 Jepson willow thickets                                          | Shrub | G3   | S3   |
| Salix lasiolepis                                            | 282 Arroyo willow thickets                                          | Shrub | G4   | S4   |
| Salix lemmonii                                              | 283 Lemmon's willow thickets                                        | Shrub | G4   | S3   |
| Salix nivalis                                               | 285 Snow willow mats                                                | Shrub | G4   | S1?  |
| Salix orestera                                              | 286 Sierra gray willow thickets                                     | Shrub | G4   | S4   |
| Salix petrophila                                            | 287 Alpine willow turf                                              | Shrub | G5   | S3   |
| Salix planifolia                                            | 288 Tea-leaved willow thickets                                      | Shrub | G4   | S2?  |
| Saxifraga nidifica                                          | 459 Pink saxifrage patches                                          | Herb  | G4?  | S3?  |
| Saxifraga tolmiei                                           | 460 Patches of Tolmie's alpine saxifrage                            | Herb  | G4   | S3?  |
| Schoenoplectus (acutus, californicus)                       | 561 Hardstem and California bulrush marshes                         | Herb  | GNR  | S3S4 |
| Sedum spathulifolium                                        | 465 Coast Range stonecrop draperies                                 | Herb  | G4?  | S3   |
| Senecio triangularis - Veratrum californicum - Mimulus spp. | 609 Arrowleaf ragwort - white corn lily - monkeyflower mesic meadow | Herb  | None | S3S4 |
| Sequoiadendron giganteum                                    | 94 Giant sequoia forest and woodland                                | Tree  | G3   | S3.2 |
| Solidago canadensis                                         | 469 Canada goldenrod patches                                        | Herb  | G4?  | S4?  |
| Sparganium (angustifolium)                                  | 470 Mats of bur-reed leaves                                         | Herb  | G4   | S3?  |
| Stuckenia (pectinata) - Potamogeton spp.                    | 475 Pondweed mats                                                   | Herb  | G3G5 | S3?  |
| Tamarix spp.                                                | 298 Tamarisk thickets                                               | Shrub | GNA  | SNA  |
| Toxicodendron diversilobum                                  | 301 Poison oak scrub                                                | Shrub | G4   | S4   |
| Triantha occidentalis - Narthecium californicum             | 478 Western false asphodel - California bog asphodel fens           | Herb  | G2?  | S2?  |
| Trifolium longipes                                          | 479 Long-stalk clover meadows                                       | Herb  | G3?  | S3?  |
| Tsuga mertensiana                                           | 96 Mountain hemlock forest and woodland                             | Tree  | G5   | S4   |
| Typha (angustifolia, domingensis, latifolia)                | 481 Cattail marshes                                                 | Herb  | G5   | S5   |
| Umbellularia californica                                    | 97 California bay forest and woodland                               | Tree  | G4   | S3   |
| Vaccinium cespitosum                                        | 302 Dwarf bilberry meadows and mats                                 | Shrub | G4?  | S3?  |
| Vaccinium uliginosum                                        | 303 Bog blueberry wet meadows                                       | Shrub | G4   | S3   |
| Vitis arizonica - Vitis girdiana                            | 518 Wild grape shrubland                                            | Shrub | G3   | S3   |
| Yucca brevifolia                                            | 99 Joshua tree woodland                                             | Tree  | G4   | S3.2 |