

APPENDIX 4.5.1.2-1 Plant Species in the Central California Foothills 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>Acer macrophyllum</i>	10	Bigleaf maple forest and woodland	Tree	G4	S3
<i>Acer negundo</i>	11	Box-elder forest and woodland	Tree	G5	S3
<i>Adenostoma fasciculatum</i>	102	Chamise chaparral	Shrub	G5	S5
<i>Aegilops triuncialis</i>	312	Barbed goatgrass patches	Herb	GNA	SNA
<i>Aesculus californica</i>	12	California buckeye groves	Tree	G3	S3
<i>Allium</i> spp. - <i>Streptanthus</i> spp. - <i>Hesperolinon</i> spp. <i>Serpentine</i>	504	Onion - twistflower - dwarf-flax serpentine rock outcrop	Herb	G2G3	S2S3
<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>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	<i>Yerba mansa</i> - Nuttall's sunflower - Nevada goldenrod alkaline wet meadows	Herb	G3	S2
<i>Arbutus menziesii</i>	15	Madrone forest	Tree	G4	S4.2
<i>Arctostaphylos</i> (<i>canescens</i> , <i>manzanita</i> , <i>stanfordiana</i>)	531	Hoary, common, and Stanford manzanita chaparral	Shrub	G3	S3
<i>Arctostaphylos glandulosa</i>	116	Eastwood manzanita chaparral	Shrub	G4	S4
<i>Arctostaphylos glauca</i>	117	Bigberry manzanita chaparral	Shrub	G4	S4
<i>Arctostaphylos myrtifolia</i>	124	lone manzanita chaparral	Shrub	G1	S1
<i>Arctostaphylos patula</i> - <i>Arctostaphylos nevadensis</i>	127	Green leaf manzanita - Pinemat manzanita chaparral	Shrub	G5	S3S4
<i>Arctostaphylos pungens</i> - <i>Arctostaphylos pringlei</i>	128	Pointleaf manzanita - pink-bract manzanita chaparral	Shrub	G4	S3
<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 tridentata</i>	142	Big sagebrush	Shrub	G5	S5
<i>Atriplex polycarpa</i>	148	Allscale scrub	Shrub	G4	S4
<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 pilularis</i>	151	Coyote brush scrub	Shrub	G5	S5
<i>Baccharis salicifolia</i>	152	Mulefat thickets	Shrub	G5	S4
<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 carinatus</i> - <i>Elymus glaucus</i>	499	California brome - blue wildrye prairie	Herb	G3	S3
<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>Calocedrus decurrens</i>	28	Incense cedar forest and woodland	Tree	G4	S3
<i>Carex barbarae</i>	341	White-root beds	Herb	G2?	S2?
<i>Carex nudata</i>	357	Torrent sedge patches	Herb	G3	S3
<i>Carex utriculata</i> - <i>Calamagrostis canadensis</i>	606	Northwest Territory sedge - Bluejoint Graminoid Wet Meadow & Marsh	Herb	GNR	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>Celtis laevigata</i> var. <i>reticulata</i> - <i>Rhus trilobata</i>	512	Sugarberry - skunkbush sumac scrub	Shrub	G3	S1
<i>Centromadia</i> (<i>pungens</i>)	370	Tar plant fields	Herb	G2	S2
<i>Cephalanthus occidentalis</i>	172	Button willow thickets	Shrub	G5	S2
<i>Ceratophyllum demersum</i> Aquatic	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>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>	180	Red osier thickets	Shrub	G4	S3?
<i>Cynodon dactylon</i> - <i>Crypsis</i> spp. - <i>Paspalum</i> spp.	538	Bermudagrass - prickly grass - crowngrass turfs	Herb	GNA	SNA
<i>Cynosurus echinatus</i> - <i>Arrhenatherum elatius</i>	376	Annual dogtail and tall oatgrass grasslands	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>Diplacus aurantiacus</i>	186	Bush monkeyflower scrub	Shrub	G3	S3?
<i>Distichlis spicata</i> - (<i>Juncus cooperi</i> - <i>Frankenia salina</i>) Interior	617	Saltgrass - Cooper's rush - Alkali heath Interior	Herb	GNR	S4
<i>Dudleya cymosa</i> - <i>Dudleya lanceolata</i> / Lichen - Moss	519	Live-forever - lichen/moss sparse herbaceous rock outcrop	Herb	G4	S4
<i>Encelia</i> (<i>actonii</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 californica</i> - <i>Ephedra trifurca</i>	190	California joint fir - longleaf joint-fir scrub	Shrub	G5	S4
<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 linearifolia</i> - <i>Cleome isomeris</i>	194	Narrowleaf goldenbush - bladderpod scrub	Shrub	G4	S4
<i>Ericameria nauseosa</i>	195	Rubber rabbitbrush scrub	Shrub	G5	S5
<i>Eriogonum fasciculatum</i>	203	California buckwheat scrub	Shrub	G5	S5
<i>Eriogonum wrightii</i> - <i>Eriogonum heermannii</i> - <i>Buddlejia utahensis</i>	528	Wright's buckwheat - Heermann's buckwheat - Utah butterfly-bush scrub	Shrub	G3	S3
<i>Eschscholzia</i> (<i>californica</i>) - <i>Lupinus</i> (<i>nanus</i>)	392	California poppy - lupine fields	Herb	G4	S4
<i>Eucalyptus</i> spp. - <i>Ailanthus altissima</i> - <i>Robinia pseudoacacia</i>	31	<i>Eucalyptus</i> - tree of heaven - black locust groves	Tree	GNA	SNA
<i>Frangula californica</i> - <i>Rhododendron occidentale</i> - <i>Salix breweri</i>	547	California coffeeberry - western azalea scrub - Brewer's willow	Shrub	G3	S3
<i>Fraxinus latifolia</i>	32	Oregon ash groves	Tree	G4	S3.2
<i>Hesperocyparis forbesii</i> - <i>Hesperocyparis nevadensis</i>	595	Tecate cypress - Piute cypress woodland	Tree	G3	S3
<i>Hesperocyparis</i> (<i>sargentii</i> , <i>macnabiana</i>)	591	Ultramafic cypress woodland	Tree	G3	S3
<i>Heterotheca</i> (<i>oregona</i> , <i>sessiliflora</i>)	498	Goldenaster patches	Herb	G3	S3
<i>Holcus lanatus</i> - <i>Anthoxanthum odoratum</i>	400	Common velvet grass - sweet vernal grass meadows	Herb	GNA	SNA
<i>Hydrilla verticillata</i> - <i>Myriophyllum spicatum</i>	560	Ruderal water-thyme - Eurasian water-milfoil aquatic	Herb	GNR	SNR
<i>Juglans hindsii</i> and Hybrids	34	Hindsâ€™s walnut and related stands	Tree	G1	S1.1
<i>Juncus arcticus</i> (var. <i>balticus</i> , <i>mexicanus</i>)	405	Baltic and Mexican rush marshes	Herb	G5	S4
<i>Juncus</i> (<i>effusus</i> , <i>patens</i>) - <i>Carex</i> (<i>pansa</i> , <i>praegracilis</i>)	532	Soft and western rush - Sedge marshes	Herb	G4?	S3S4
<i>Juncus</i> (<i>oxymiris</i> , <i>xiphioides</i>)	410	Iris-leaf rush seeps	Herb	G2?	S2?
<i>Juniperus californica</i>	35	California juniper woodland	Tree	G4	S4
<i>Lasthenia californica</i> - <i>Plantago erecta</i> - <i>Vulpia microstachys</i>	414	California goldfields - dwarf plantain - small fescue flower fields	Herb	G4	S4
<i>Lasthenia fremontii</i> - <i>Distichlis spicata</i>	415	Fremontâ€™s goldfields - salt grass alkaline vernal pools	Herb	G2	S2
<i>Lasthenia fremontii</i> - <i>Downingia</i> (<i>bicornuta</i>)	416	Fremontâ€™s goldfields - Downingia vernal pools	Herb	G2	S2
<i>Lasthenia glaberrima</i> - <i>Eleocharis macrostachya</i>	417	Smooth goldfields - pale spike rush vernal pool bottoms	Herb	G2	S2
<i>Layia fremontii</i> - <i>Achyrachaena mollis</i>	418	Fremontâ€™s tidy-tips - blow wives vernal pools	Herb	G3	S3?
<i>Lemna</i> (minor) and Relatives	419	Duckweed blooms	Herb	G5	S4?
<i>Lepidospartum squamatum</i>	226	Scale broom scrub	Shrub	G3	S3
<i>Leymus cinereus</i> - <i>Leymus triticoides</i>	543	Ashy ryegrass - Creeping wildrye turfs	Herb	G3	S3
<i>Lolium perenne</i>	425	Perennial rye grass fields	Herb	GNA	SNA

Lotus scoparius - Lupinus albitrions - Eriodictyon spp.	567 Deerweed - silver lupine - yerba santa scrub	Shrub	G5	S5
Lotus unifoliolatus	426 Spanish clover fields	Herb	G4?	S4?
Ludwigia (hexapetala, peploides) - Eichhornia crassipes	427 Water primrose - Water hyacinth wetlands	Herb	GNA	SNA
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
Montia fontana - Sidalcea calycosa	430 Water blinks - annual checkerbloom vernal pools	Herb	G2	S2
Muhlenbergia rigens	433 Deer grass beds	Herb	G3	S2?
Nassella spp. - Melica spp.	536 Needle grass - Melic grass grassland	Herb	G3G4	S3S4
Phalaris aquatica - Phalaris arundinacea	446 Harding grass - Reed Canary grass swards	Herb	GNA	SNA
Phragmites australis - Arundo donax	521 Common and giant reed marshes	Herb	GNR	SNR
Pinus coulteri	50 Coulter pine woodland and forest	Tree	G4	S4
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 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 sabiniana	64 Foothill pine woodland	Tree	G4	S4
Plagiobothrys nothofulvus	450 Popcorn flower fields	Herb	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
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
Prunus ilicifolia - Heteromeles arbutifolia - Ceanothus spinosus	525 Holly leaf cherry - toyon - greenbark ceanothus chaparral	Shrub	G5	S4
Pseudotsuga macrocarpa	73 Bigcone Douglas fir forest	Tree	G3	S3.2
Pseudotsuga menziesii - (Notholithocarpus densiflorus - Arbutus menziesii)	600 Douglas fir - tanoak forest - madrone forest and woodland	Tree	G4	S4
Quercus agrifolia	78 Coast live oak woodland and forest	Tree	G5	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 durata	255 Leather oak chaparral	Shrub	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 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
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
Rosa californica	270 California rose briar patches	Shrub	G3	S3
Rubus armeniacus - Sesbania punicea - Ficus carica	272 Himalayan blackberry - rattlebox - edible fig riparian scrub	Shrub	GNA	SNA
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 lasiolepis	282 Arroyo willow thickets	Shrub	G4	S4
Schinus (molle, terebinthifolius) - Myoporum laetum	92 Pepper tree or Myoporum groves	Tree	GNA	SNA
Schoenoplectus (acutus, californicus)	561 Hardstem and California bulrush marshes	Herb	GNR	S3S4
Sedum spathulifolium	465 Coast Range stonecrop draperies	Herb	G4?	S3
Selaginella (bigelovii, wallacei)	466 Bushy spikemoss mats	Herb	G4	S3
Sporobolus airoides - Muhlenbergia asperifolia - Spartina gracilis	555 Alkali sacaton - scratchgrass - alkali cordgrass alkaline wet meadow	Herb	G4	S2
Tamarix spp.	298 Tamarisk thickets	Shrub	GNA	SNA
Toxicodendron diversilobum	301 Poison oak scrub	Shrub	G4	S4
Trifolium variegatum	480 White-tip clover swales	Herb	G3?	S3?
Typha (angustifolia, domingensis, latifolia)	481 Cattail marshes	Herb	G5	S5
Umbellularia californica	97 California bay forest and woodland	Tree	G4	S3
Vitis arizonica - Vitis girdiana	518 Wild grape shrubland	Shrub	G3	S3