

APPENDIX 4.5.1.1-1 Plant Species in the Great Valley Ecoregion

Scientific name	Alliance ID	Common name	Primary lifeform	Global rarity	State rarity
Acer negundo	11	Box-elder forest and woodland	Tree	G5	S3
Achnatherum hymenoides	310	Indian rice grass grassland	Herb	G4	S1.2
Aegilops triuncialis	312	Barbed goatgrass patches	Herb	GNA	SNA
Aesculus californica	12	California buckeye groves	Tree	G3	S3
Allenrolfea occidentalis	108	Iodine bush scrub	Shrub	G4	S3.2
Alnus rhombifolia	13	White alder groves	Tree	G4	S4
Ambrosia psilostachya	316	Western ragweed meadows	Herb	G4	S4?
Ambrosia salsola - Bebbia juncea	112	Cheesebush - sweetbush scrub	Shrub	G4	S4
Amsinckia (menziesii, tessellata) - Phacelia spp.	318	Fiddleneck - Phacelia Fields	Herb	G5	S5
Anemopsis californica - Helianthus nuttallii - Solidago spectabilis	319	Yerba mansa - Nuttall's sunflower - Nevada goldenrod alkaline wet meadows	Herb	G3	S2
Arctostaphylos (canescens, manzanita, stanfordiana)	531	Hoary, common, and Stanford manzanita chaparral	Shrub	G3	S3
Arctostaphylos myrtifolia	124	Ione manzanita chaparral	Shrub	G1	S1
Aristida purpurea - Elymus elymoides - Poa secunda	568	Purple three-awn - squirreltail - curly blue grass patches	Herb	G4	S4?
Artemisia californica - (Salvia leucophylla)	566	California sagebrush - (purple sage) scrub	Shrub	G5	S5
Artemisia tridentata	142	Big sagebrush	Shrub	G5	S5
Arthrocnemum subterminale	323	Parishâ€™s glasswort patches	Herb	G4	S2
Atriplex canescens	144	Fourwing saltbush scrub	Shrub	G5	S4
Atriplex confertifolia	145	Shadscale scrub	Shrub	G5	S4.2
Atriplex lentiformis	147	Quailbush scrub	Shrub	G4	S4
Atriplex polycarpa	148	Allscale scrub	Shrub	G4	S4
Atriplex prostrata - Cotula coronopifolia	325	Fields of fat hen and brass buttons	Herb	GNA	SNA
Atriplex spinifera	149	Spinescale scrub	Shrub	G4	S4.2
Avena spp. - Bromus spp.	535	Wild oats and annual brome grasslands	Herb	GNA	SNA
Azolla (filiculoides, microphylla)	327	Mosquito fern mats	Herb	G5	S5
Baccharis pilularis	151	Coyote brush scrub	Shrub	G5	S5
Baccharis salicifolia	152	Mulefat thickets	Shrub	G5	S4
Bidens cernua - Euthamia occidentalis - Ludwigia palustris	558	Nodding beggarticks - western goldentop - marsh seedbox mudflats	Herb	GNR	S4
Bolboschoenus maritimus	329	Salt marsh bulrush marshes	Herb	G4	S3
Brassica nigra - Centaurea (solstitialis, melitensis)	564	Upland mustards or star-thistle fields	Herb	GNA	SNA
Bromus carinatus - Elymus glaucus	499	California brome - blue wildrye prairie	Herb	G3	S3
Bromus rubens - Schismus (arabicus, barbatus)	332	Red brome or Mediterranean grass grasslands	Herb	GNA	SNA
Bromus tectorum - Taeniatherum caput-medusae	333	Cheatgrass - medusahead grassland	Herb	GNA	SNA
Carex barbae	341	White-root beds	Herb	G2?	S2?
Carex obnupta - Oenanthe sarmentosa - Scirpus microcarpus	603	Slough sedge - Water-parsley - Small-fruited bulrush marsh	Herb	G4	S3
Ceanothus cuneatus	161	Wedge leaf ceanothus chaparral, Buck brush chaparral	Shrub	G4	S4
Celtis laevigata var. reticulata - Rhus trilobata	512	Sugarberry - skunkbush sumac scrub	Shrub	G3	S1
Centaurea (virgata)	369	Knapweed and purple-flowered star-thistle fields	Herb	GNA	SNA
Centromadia (pungens)	370	Tar plant fields	Herb	G2	S2
Cephalanthus occidentalis	172	Button willow thickets	Shrub	G5	S2
Ceratophyllum demersum Aquatic	542	Raccoon's tail mats	Herb	G5	S4
Cercocarpus montanus	175	Birch leaf mountain mahogany chaparral	Shrub	G5	S4
Conium maculatum - Foeniculum vulgare	373	Poison hemlock or fennel patches	Herb	GNA	SNA
Corethrogyne filaginifolia - Eriogonum (elongatum, nudum)	505	Sand-aster and perennial buckwheat fields	Herb	G4	S4
Cornus sericea	180	Red osier thickets	Shrub	G4	S3?
Cortaderia (jubata, selloana)	374	Pampas grass patches	Herb	GNA	SNA
Cressa truxillensis - Distichlis spicata	375	Alkali weed - salt grass playas and sinks	Herb	G2	S2
Cynodon dactylon - Crypsis spp. - Paspalum spp.	538	Bermudagrass - prickle grass - crowngrass turfs	Herb	GNA	SNA
Cytisus scoparius - Genista monspessulana - Cotonaster spp.	156	Broom patches	Shrub	GNA	SNA
Deschampsia cespitosa - Festuca rubra Brackish Salt Marsh	604	Tufted hairgrass - Red fescue brackish salt marsh	Herb	GNR	S2
Deschampsia cespitosa - Hordeum brachyantherum - Danthonia californica	587	Coastal tufted hair grass - Meadow barley - California oatgrass meadow	Herb	GNR	S3
Diplacus aurantiacus	186	Bush monkeyflower scrub	Shrub	G3	S3?
Distichlis spicata - Frankenia salina Coastal	618	Saltgrass - Alkali heath Coastal	Herb	GNR	S3
Distichlis spicata - (Juncus cooperi - Frankenia salina) Interior	617	Saltgrass - Cooper's rush - Alkali heath Interior	Herb	GNR	S4
Encelia (actonii, virginensis) - Viguiera reticulata	559	Acton's and Virgin River brittle brush - net-veined goldeneye scrub	Shrub	G3	S3
Ephedra californica - Ephedra trifurca	190	California joint fir - longleaf joint-fir scrub	Shrub	G5	S4
Equisetum (arvense, variegatum, hyemale)	557	Field horsetail - scouringrush horsetail - variegated scouringrush wet meadow	Herb	GNR	S3S4
Ericameria linearifolia - Cleome isomeris	194	Narrowleaf goldenbush - bladderpod scrub	Shrub	G4	S4
Ericameria nauseosa	195	Rubber rabbitbrush scrub	Shrub	G5	S5
Eriogonum fasciculatum	203	California buckwheat scrub	Shrub	G5	S5
Eryngium aristulatum	391	California button-celery patches	Herb	G2	S2
Eschscholzia (californica) - Lupinus (nanus)	392	California poppy - lupine fields	Herb	G4	S4
Eucalyptus spp. - Ailanthus altissima - Robinia pseudoacacia	31	Eucalyptus - tree of heaven - black locust groves	Tree	GNA	SNA
Fraxinus latifolia	32	Oregon ash groves	Tree	G4	S3.2
Heterotheca (oregona, sessiliflora)	498	Goldenaster patches	Herb	G3	S3
Hydrilla verticillata - Myriophyllum spicatum	560	Ruderal water-thyme - Eurasian water-milfoil aquatic	Herb	GNR	SNR
Hydrocotyle (ranunculoides, umbellata)	402	Mats of floating pennywort	Herb	G4	S3?
Isoetes (bolanderi, echinospora, howellii, nuttallii, occidentalis)	404	Quillwort beds	Herb	G3	S3?
Juglans hindsii and Hybrids	34	Hindsâ€™s walnut and related stands	Tree	G1	S1.1
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 (oxymeris, xiphioides)	410	Iris-leaf rush seeps	Herb	G2?	S2?
Krascheninnikovia lanata	222	Winterfat scrubland	Shrub	G4	S3
Lasthenia californica - Plantago erecta - Vulpia microstachys	414	California goldfields - dwarf plantain - small fescue flower fields	Herb	G4	S4
Lasthenia fremontii - Distichlis spicata	415	Fremontâ€™s goldfields - salt grass alkaline vernal pools	Herb	G2	S2
Lasthenia fremontii - Downingia (bicornuta)	416	Fremontâ€™s goldfields - Downingia vernal pools	Herb	G2	S2
Lasthenia glaberrima - Eleocharis macrostachya	417	Smooth goldfields - pale spike rush vernal pool bottoms	Herb	G2	S2
Layia fremontii - Achyrachaena mollis	418	Fremontâ€™s tidy-tips - blow wives vernal pools	Herb	G3	S3?
Lemna (minor) and Relatives	419	Duckweed blooms	Herb	G5	S4?
Lepidium latifolium - Lactuca serriola	420	Perennial pepper weed - Prickly lettuce patches	Herb	GNA	SNA
Lepidospartum squamatum	226	Scale broom scrub	Shrub	G3	S3
Leymus cinereus - Leymus triticoides	543	Ashy ryegrass - Creeping wildrye turfs	Herb	G3	S3
Lolium perenne	425	Perennial rye grass fields	Herb	GNA	SNA
Lotus scoparius - Lupinus albilfrons - 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

Mesembryanthemum spp. - Carpobrotus spp.	367 Ice plant mats	Herb	GNA	SNA
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
Nassella spp. - Melica spp.	536 Needle grass - Melic grass grassland	Herb	G3G4	S3S4
Pennisetum setaceum - Pennisetum ciliare	442 Fountain grass swards	Herb	GNA	SNA
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 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
Prosopis glandulosa - Prosopis velutina - Prosopis pubescens	548 Mesquite thickets	Tree	G5	S3
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 john-tuckeri	257 Tucker oak chaparral	Shrub	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 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
Ruppia (cirrhosa, maritima)	457 Ditch-grass or widgeon-grass mats	Herb	G4?	S2
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
Salix lucida ssp. lasiandra	91 Shining willow groves	Tree	G4	S3.2
Sarcocornia pacifica (Salicornia depressa)	458 Pickleweed mats	Herb	G4	S3
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
Schoenoplectus americanus	462 Common Three-square marsh	Herb	G5	S3.2
Sesuvium verrucosum	468 Western sea-purslane marshes	Herb	G3?	S2.2?
Sparganium (angustifolium)	470 Mats of bur-reed leaves	Herb	G4	S3?
Spartina foliosa	472 California cordgrass marsh	Herb	G3	S3.2
Spergularia marina	483 Saltmarsh sand-spurrey	Herb	G3?	S3?
Sporobolus airoides - Muhlenbergia asperifolia - Spartina gracilis	555 Alkali sacaton - scratchgrass - alkali cordgrass alkaline wet meadow	Herb	G4	S2
Stuckenia (pectinata) - Potamogeton spp.	475 Pondweed mats	Herb	G3G5	S3?
Suaeda moquinii	295 Bush seepweed scrub	Shrub	G4	S3
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
Zostera (marina, pacifica) Pacific Aquatic	577 Eelgrass beds	Herb	GNR	S3