

**A2 Rare and Unusual Plants of Alameda and Contra Costa Counties
2004**

(Statewide Rare Plants are in Upper Case)

East Bay Rank	Species	Habitat
*A2	ACANTHOMINTHA LANCEOLATA	Chaparral; Serpentine
A2	Acer negundo var. interius (var. californicum is more common)	Riparian
A2	Adiantum aleuticum (A. jordanii is more common)	Riparian
A2	Allenrolfea occidentalis	Alkali areas
A2	Allium amplexans	Dry Open Slopes; Serpentine; Woodland; Misc. habitats
A2	Allium falcifolium	Rock, Tallus or Scree; Serpentine
A2	Allophyllum divaricatum	Chaparral; Sand or Sandstone; Woodland
A2	Ambrosia chamissonis	Coastal Strand; Sand or Sandstone
A2	Amsinckia eastwoodiae	Grassland; Misc. habitats
*A2	AMSINCKIA LUNARIS	Grassland; Woodland; Misc. habitats
*A2	ANDROSACE ELONGATA SSP. ACUTA	Dry Open Slopes; Grassland
A2	Apiastrum angustifolium	Chaparral; Scrub
A2	Aquilegia eximia (A. formosa is more common)	Serpentine
*A2	ARCTOSTAPHYLOS AURICULATA	Chaparral; Sand or Sandstone
A2	Arctostaphylos glandulosa ssp. glandulosa	Chaparral
*A2	ARCTOSTAPHYLOS MANZANITA SSP. LAEVIGATA	Chaparral; Sand or Sandstone
A2	Asclepias speciosa (A. californica is more common)	Misc. habitats
A2	Aspidotis californica	Rock, Tallus or Scree
A2	Aster lanceolatus ssp. hesperius	Riparian areas; Misc. Wetlands; Misc. habitats
*A2	ASTER LENTUS	Misc. Wetlands
A2	Atriplex argentea var. mohavensis	Alkali areas
*A2	ATRIPLEX CORDULATA	Alkali areas; Grassland; Misc. Wetlands
*A2	ATRIPLEX CORONATA VAR. CORONATA	Alkali areas; Grassland; Vernal Pools
*A2	ATRIPLEX DEPRESSA	Alkali areas; Grassland; Misc. Wetlands
*A2	ATRIPLEX JOAQUINIANA	Alkali areas; Grassland; Misc. Wetlands
A2	Atriplex lentiformis	Alkali areas; Scrub
A2	Balsamorhiza deltoidea	Forest; Grassland; Scrub; Sand or Sandstone; Woodland
A2	Berberis aquifolium var. dictyota	Chaparral; Forest; Rock, Tallus or Scree; Scrub; Woodland
A2	Blepharizonia laxa (B. plumosa ssp viscida in Jepson Manual)	Chaparral; Grassland; Scrub; Woodland
*A2	BLEPHARIZONIA PLUMOSA	Grassland; Scrub
*A2	CALANDRINIA BREWERI	Burns; Chaparral; Scrub
*A2	CALOCHORTUS PULCHELLUS	Chaparral; Serpentine; Woodland
*A2	CALOCHORTUS UMBELLATUS	Chaparral; Scrub; Woodland
A2	Calycadenia truncata	Rock, Tallus or Scree; Scrub
A2	Calystegia malacophylla ssp. pedicellata	Chaparral; Scrub; Serpentine
A2	Calystegia sepium ssp. limnophila	Misc. Wetlands
A2	Camissonia graciliflora	Dry Open Slopes; Grassland; Scrub; Woodland
A2	Camissonia intermedia	Burns; Scrub
*A2	CAMPANULA EXIGUA	Chaparral; Rock, Tallus or Scree; Serpentine

A2	<i>Carex aquitilis</i> var. <i>dives</i>	Misc. Wetlands
A2	<i>Carex densa</i>	Misc. Wetlands; Misc. habitats
A2	<i>Carex nebrascensis</i>	Misc. Wetlands
A2	<i>Carex nudata</i>	Rock, Tallus or Scree; Riparian; Sand or Sandstone areas
A2	<i>Carex senta</i>	Riparian areas; Misc. Wetlands
A2	<i>Castilleja applegatei</i> ssp. <i>martinii</i>	Chaparral; Scrub
A2	<i>Castilleja subinclusa</i> ssp. <i>franciscana</i>	Chaparral; Scrub
A2	<i>Ceanothus leucodermis</i>	Dry Open Slopes; Rock, Tallus or Scree; Sand or Sandstone
A2	<i>Ceanothus thrysiflorus</i> var. <i>thrysiflorus</i>	Misc. habitats
*A2	CENTROMADIA PARRYI SSP. CONGDONII (<i>Hemizonia parryi</i> ssp. <i>congdonii</i> in Jepson Manual)	Alkali areas; Grassland
A2	<i>Chamaesyce ocellata</i> ssp. <i>ocellata</i>	Sand or Sandstone
A2	<i>Cheilanthes covillei</i>	Rock, Tallus or Scree
A2	<i>Cheilanthes intertexta</i>	Rock, Tallus or Scree
A2	<i>Chorizanthe membranacea</i>	Chaparral; Dry Open Slopes; Grassland; Woodland; Misc. habitats
A2	<i>Chrysolepis chrysophylla</i> var. <i>minor</i>	Chaparral; Forest; Sand or Sandstone
A2	<i>Chrysothamnus nauseosus</i> ssp. <i>mohavensis</i>	Scrub
A2	<i>Cirsium quercetorum</i>	Grassland; Woodland
A2	<i>Clarkia biloba</i> ssp. <i>biloba</i>	Serpentine; Woodland
A2	<i>Clarkia modesta</i>	Woodlands
A2	<i>Clarkia purpurea</i> ssp. <i>purpurea</i> (ssp. <i>quadrivulnera</i> is more common)	Grassland
A2	<i>Clarkia purpurea</i> ssp. <i>viminea</i> (ssp. <i>quadrivulnera</i> is more common)	Misc. habitats
A2	<i>Claytonia gypsophiloides</i>	Rock, Tallus or Scree; Serpentine
A2	<i>Collinsia parviflora</i>	Misc. habitats
A2	<i>Collomia heterophylla</i>	Rock, Tallus or Scree; Sand or Sandstone areas
A2	<i>Corallorhiza maculata</i> fma. <i>maculata</i> (forma <i>immaculata</i> is more common)	Forest; Woodland
*A2	CORDYLANTHUS MOLLIS SSP. MOLLIS	Brackish Marsh; Salt Marsh
A2	<i>Croton californicus</i>	Sand or Sandstone
A2	<i>Cryptantha microstachys</i>	Chaparral; Woodland
A2	<i>Cryptantha muricata</i>	Rock, Tallus or Scree; Sand or Sandstone areas
A2	<i>Cryptantha torreyana</i>	Dry Open Slopes; Forest
A2	<i>Cuscuta californica</i> var. <i>californica</i>	Chaparral; Grassland; Misc. habitats
A2	<i>Cyperus niger</i>	Misc. Wetlands; Misc. habitats
A2	<i>Deinandra corymbosa</i> ssp. <i>corymbosa</i> (<i>Hemizonia corymbosa</i> in Jepson Manual)	Coastal Bluff
A2	<i>Delphinium californicum</i> ssp. <i>californicum</i>	Chaparral
A2	<i>Dendromecon rigida</i>	Burns; Chaparral; Scrub
A2	<i>Deschampsia cespitosa</i> ssp. <i>holciformis</i>	Misc. Wetlands
A2	<i>Dicentra chrysantha</i>	Burns; Dry open Slopes; Misc. habitats
*A2	DIRCA OCCIDENTALIS	Forest; Riparian; Scrub
A2	<i>Downingia cuspidata</i>	Vernal Pools
A2	<i>Downingia insignis</i>	Vernal Pools
A2	<i>Echinodorus berteroi</i>	Freshwater Marsh
A2	<i>Eleocharis parishii</i>	Sand or Sandstone; Misc. Wetlands
A2	<i>Elymus elymoides</i> ssp. <i>elymoides</i>	Grassland
A2	<i>Elymus stebbinsii</i>	Chaparral; Dry Open Slopes; Forest
A2	<i>Elymus X hansenii</i>	Grassland

A2	<i>Epilobium torreyi</i>	Riparian
A2	<i>Ericameria arborescens</i>	Chaparral; Forest; Woodland
A2	<i>Erigeron petrophilus</i> var. <i>petrophilus</i>	Rock, Tallus or Scree; Serpentine
A2	<i>Eriogonum angulosum</i>	Sand or Sandstone; Misc. habitats
A2	<i>Eriogonum fasciculatum</i> var. <i>foliolosum</i>	Dry Open Slopes
A2	<i>Eriogonum luteolum</i> var. <i>luteolum</i>	Gravel; Sand or Sandstone; Serpentine
*A2	ERIOGONUM UMBELLATUM VAR. BAHIIFORME	Rock, Tallus or Scree; Serpentine
*A2	ERIOPHYLLUM JEPSONII	Chaparral; Serpentine; Woodland
A2	<i>Eriophyllum staechadifolium</i>	Coastal Bluff; Scrub
*A2	ERODIUM MACROPHYLLUM	Grassland; Scrub
A2	<i>Eryngium armatum</i>	Vernal Pools; Misc. Wetlands
A2	<i>Eryngium vaseyi</i>	Alkali areas; Vernal Pools
A2	<i>Eschscholzia caespitosa</i>	Chaparral
A2	<i>Festuca elmeri</i>	Riparian
A2	<i>Forestiera pubescens</i>	Riparian
A2	<i>Fraxinus dipetala</i>	Chaparral; Woodland; Misc. habitats
*A2	FRITILLARIA AGRESTIS	Alkali areas; Grassland
*A2	GALIUM ANDREWSII SSP. GATENSE	Chaparral; Serpentine; Woodland
A2	<i>Galium trifidum</i> var. <i>pacificum</i>	Misc. Wetlands
A2	<i>Gilia achilleifolia</i> ssp. <i>achilleifolia</i> (ssp. <i>multicaulis</i> is more common)	Misc. habitats
A2	<i>Githopsis diffusa</i> ssp. <i>robusta</i>	Burns; Misc. habitats
A2	<i>Glyceria occidentalis</i>	Misc. Wetlands
A2	<i>Gnaphalium bicolor</i>	Dry Open Slopes; Sand or Sandstone
A2	<i>Gnaphalium canescens</i> ssp. <i>microcephalum</i>	Chaparral; Dry Open Slopes
A2	<i>Helenium bigelovii</i> (<i>H. puberulum</i> is more common)	Brackish Marsh; Freshwater Marsh
*A2	HELIANTHELLA CASTANEA	Chaparral; Grassland; Woodland
A2	<i>Hesperevax acaulis</i> var. <i>ambusticola</i> (<i>H. sparsiflora</i> is more common)	Burns; Dry open Slopes; Misc. habitats
*A2	HESPEREVAX CAULESCENS (<i>H. sparsiflora</i> is more common)	Vernal Pools
*A2	HESPEROLINON BREWERI	Grassland; Serpentine
A2	<i>Hesperolinon californicum</i>	Grassland; Rock, Tallus or Scree; Serpentine
A2	<i>Hoita macrostachya</i>	Freshwater Marsh; Riparian
A2	<i>Hordeum depressum</i>	Alkali areas; Vernal Pools; Misc. Wetlands
A2	<i>Hordeum jubatum</i>	Misc. habitats
A2	<i>Horkelia californica</i> ssp. <i>dissita</i>	Riparian; Misc. Wetlands
A2	<i>Hydrocotyle verticillata</i>	Freshwater Marsh
A2	<i>Hydrophyllum occidentale</i>	Chaparral; Riparian; Woodland; Misc. habitats
A2	<i>Iris douglasiana</i>	Misc. habitats
A2	<i>Isoetes howellii</i>	Misc. Wetlands
*A2	JUGLANS CALIFORNICA VAR. HINDSII (native sites only are rare; planted sites are common)	Riparian
A2	<i>Juncus articulatus</i>	Misc. habitats
A2	<i>Juncus oxymetris</i>	Scrub; Misc. habitats
A2	<i>Keckiella breviflora</i> var. <i>breviflora</i>	Rock, Tallus or Scree
*A2	LASTHENIA FERRISIAE	Alkali areas; Vernal Pools
A2	<i>Lasthenia fremontii</i>	Vernal Pools; Misc. Wetlands
A2	<i>Lasthenia minor</i>	Grassland
*A2	LATHYRUS JEPSONII VAR. JEPSONII	Brackish Marsh; Freshwater Marsh
A2	<i>Layia gaillardoides</i>	Scrub; Woodland

A2	<i>Layia hieracioides</i>	Misc. habitats
A2	<i>Leersia oryzoides</i>	Freshwater Marsh; Riparian; Misc. Wetlands
A2	<i>Lepidium dictyotum</i> var. <i>acutidens</i>	Alkali areas
A2	<i>Leptochloa fascicularis</i>	Misc. Wetlands
A2	<i>Lessingia glandulifera</i> var. <i>glandulifera</i>	Forest; Sand or Sandstone
A2	<i>Lewisia rediviva</i> var. <i>rediviva</i>	Rock, Tallus or Scree; Serpentine
*A2	LILAEOPSIS MASONII	Brackish Marsh; Freshwater Marsh
A2	<i>Lilium pardalinum</i> ssp. <i>pardalinum</i>	Freshwater Marsh; Riparian
A2	<i>Limnanthes douglasii</i> ssp. <i>rosea</i>	Vernal Pools; Misc. Wetlands
A2	<i>Limosella acaulis</i>	Misc. Wetlands
*A2	LIMOSELLA SUBULATA	Brackish Marsh; Freshwater Marsh
*A2	LINANTHUS AMBIGUUS	Grassland; Serpentine
A2	<i>Linanthus dichotomus</i>	Gravel; Rock, Tallus or Scree; Sand or Sandstone; Serpentine
A2	<i>Lithophragma bolanderi</i>	Misc. habitats
A2	<i>Lithophragma parviflorum</i> var. <i>parviflorum</i>	Misc. habitats
A2	<i>Lomatium caruifolium</i> var. <i>caruifolium</i>	Grassland; Vernal Pool; Misc. habitats
A2	<i>Lomatium nudicaule</i>	Rock, Tallus or Scree; Woodlands
A2	<i>Lupinus arboreus</i>	Coastal Bluff; Coastal Strand; Sand or Sandstone
A2	<i>Lupinus bicolor</i> var. <i>pipersmithii</i> (var. <i>umbellatus</i> is more common)	Misc. habitats
A2	<i>Madia elegans</i> ssp. <i>vernalis</i> (ssp. <i>densifolia</i> is more common)	Grassland
A2	<i>Malacothrix floccifera</i>	Burns; Chaparral; Woodland; Misc. habitats
*A2	MECONELLA OREGONA	Grassland; Misc. habitats
A2	<i>Mentzelia affinis</i>	Grassland; Sand or Sandstone; Woodland
A2	<i>Mentzelia lindleyi</i>	Rock, Tallus or Scree; Scrub; Woodlands
A2	<i>Microseris campestris</i>	Grassland; Vernal Pools
A2	<i>Microseris elegans</i>	Grassland; Vernal Pools
A2	<i>Mimulus douglasii</i>	Chaparral; Gravel; Rock, Tallus or Scree; Serpentine; Woodland
A2	<i>Mimulus pilosus</i>	Dry Washes; Gravel; Riparian; Sand or Sandstone
A2	<i>Minuartia californica</i>	Chaparral; Dry Open Slopes; Grassland; Rock, Tallus or Scree; Sand or Sandstone; Serpentine
A2	<i>Minuartia pusilla</i>	Chaparral; Forest
A2	<i>Moehringia macrophylla</i>	Forest; Rock, Tallus or Scree; Serpentine; Woodland
A2	<i>Monardella douglasii</i> ssp. <i>douglasii</i>	Chaparral; Grassland; Serpentine; Woodland
*A2	MONARDELLA VILLOSA SSP. GLOBOSA (ssp. <i>villosa</i> is more common)	Chaparral; Woodland
A2	<i>Myosurus minimus</i> ssp. <i>minimus</i>	Freshwater Marsh; Vernal Pools
A2	<i>Myosurus sessilis</i>	Grassland; Vernal Pools
A2	<i>Myrica californica</i>	Forest; Redwood Forest; Scrub
A2	<i>Navarretia atractyloides</i>	Rock, Tallus or Scree; Sand or Sandstone areas
*A2	NAVARRETIA COTULIFOLIA	Misc. Wetlands
A2	<i>Navarretia nigelliformis</i> ssp. <i>nigelliformis</i>	Vernal Pools
A2	<i>Nicotiana quadrivalvis</i>	Dry Open Slopes; Dry Washes
A2	<i>Oenothera deltoides</i> ssp. <i>cognata</i>	Grassland; Sand or Sandstone
*A2	OENOTHERA DELTOIDES SSP. HOWELLII	Sand or Sandstone areas; Scrub
A2	<i>Orobanche bulbosa</i>	Chaparral
A2	<i>Orobanche vallicola</i>	Forest; Woodland
A2	<i>Oxalis albicans</i> ssp. <i>pilosa</i>	Chaparral; Grassland; Scrub
A2	<i>Papaver californicum</i>	Burns; Woodland
A2	<i>Parvisedum pentandrum</i>	Rock, Tallus or Scree; Sand or Sandstone areas; Serpentine

A2	<i>Pectocarya pusilla</i>	Grassland; Woodland; Misc. habitats
A2	<i>Penstemon centranthifolius</i>	Chaparral; Sand or Sandstone; Woodland
A2	<i>Penstemon heterophyllus</i> var. <i>purdyi</i>	Chaparral; Forest; Grassland
A2	<i>Perideridia californica</i>	Riparian
A2	<i>Petunia parviflora</i>	Dry Washes
A2	<i>Phacelia breweri</i>	Chaparral; Rock, Tallus or Scree; Woodland
A2	<i>Phacelia divaricata</i>	Chaparral; Grassland; Woodland
A2	<i>Phacelia malvifolia</i>	Gravel; Sand or Sandstone
A2	<i>Phacelia tanacetifolia</i>	Gravel; Sand or Sandstone
A2	<i>Phalaris arundinacea</i>	Riparian areas; Misc. Wetlands
A2	<i>Pilularia americana</i>	Vernal Pools; Misc. Wetlands
A2	<i>Pinus attenuata</i>	Chaparral; Forest; Sand or Sandstone
A2	<i>Pinus coulteri</i>	Chaparral; Forest
A2	<i>Piperia elongata</i>	Forest; Scrub
*A2	PIPERIA MICHAELII	Forest; Scrub; Woodland
A2	<i>Piperia transversa</i>	Dry Open Slopes; Forest; Scrub; Woodland
A2	<i>Plagiobothrys infectivus</i>	Misc. habitats
A2	<i>Plagiobothrys leptocladus</i>	Alkali areas
A2	<i>Plagiobothrys tenellus</i>	Misc. habitats
A2	<i>Plectritis ciliosa</i> ssp. <i>insignis</i>	Grassland; Woodland
A2	<i>Plectritis congesta</i>	Coastal Bluff; Woodland
A2	<i>Pleuropogon californicus</i>	Riparian areas; Misc. Wetlands
A2	<i>Polygonum hydropiperoides</i>	Freshwater Marsh; Riparian
A2	<i>Puccinellia simplex</i>	Alkali areas
A2	<i>Quercus chrysolepis</i> var. <i>nana</i>	Chaparral; Scrub
A2	<i>Quercus durata</i> var. <i>durata</i>	Chaparral; Serpentine
A2	<i>Ranunculus occidentalis</i>	Grassland; Woodland
A2	<i>Ribes quercetorum</i>	Chaparral; Woodland
A2	<i>Rorippa curvisiliqua</i>	Freshwater Marsh
A2	<i>Rorippa palustris</i> var. <i>occidentalis</i>	Misc. Wetlands
A2	<i>Rumex maritimus</i>	Brackish Marsh; Salt Marsh
A2	<i>Rumex salicifolius</i> var. <i>denticulatus</i>	Misc. Wetlands
A2	<i>Salicornia europaea</i>	Alkali areas; Salt Marsh
A2	<i>Salicornia subterminalis</i>	Alkali areas; Salt Marsh
A2	<i>Salix scouleriana</i>	Misc. Wetlands
A2	<i>Sanicula laciniata</i>	Chaparral; Scrub; Woodland
A2	<i>Scutellaria californica</i>	Scrub; Woodland; Misc. habitats
A2	<i>Senecio flaccidus</i> var. <i>douglasii</i>	Dry Washes; Rock, Tallus or Scree; Sand or Sandstone
A2	<i>Sesuvium verrucosum</i>	Alkali areas
A2	<i>Setaria gracilis</i>	Chaparral; Grassland
A2	<i>Sidalcea diploscypha</i>	Grassland; Woodland
A2	<i>Silene verecunda</i> ssp. <i>platyota</i>	Forest; Woodland
A2	<i>Sparganium eurycarpum</i> ssp. <i>eurycarpum</i>	Freshwater Marsh; Misc. Wetlands
A2	<i>Spergularia macrotheca</i> var. <i>leucantha</i>	Alkali areas; Vernal Pools
A2	<i>Spergularia macrotheca</i> var. <i>macrotheca</i>	Alkali areas; Coastal Bluff; Rock, Tallus or Scree; Misc. Wetlands
A2	<i>Sporobolus airoides</i>	Alkali areas
A2	<i>Stachys ajugoides</i> var. <i>ajugoides</i> (var. <i>rigida</i> is more common)	Misc. Wetlands
A2	<i>Stephanomeria elata</i>	Dry Open Slopes
*A2	STREPTANTHUS ALBIDUS SSP. PERAMOENUS	Chaparral; Dry Open Slopes; Grassland; Serpentine
A2	<i>Suaeda moquinii</i>	Alkali areas; Misc. Wetlands
A2	<i>Thysanocarpus radians</i>	Misc. habitats

A2	<i>Tonella tenella</i>	Riparian areas; Misc. habitats
A2	<i>Trifolium alboburpureum</i> var. <i>olivaceum</i>	Misc. habitats
A2	<i>Trifolium barbigerum</i> var. <i>barbigerum</i>	Misc. habitats
A2	<i>Trifolium flavulum</i> (Included within <i>T. fucatum</i> in Jepson Manual)	Alkali areas; Grassland; Serpentine; Misc. Wetlands
A2	<i>Trifolium lilacinum</i> (Included within <i>T. barbigerum</i> var. <i>andrewsii</i> in Jepson Manual)	Misc. habitats
A2	<i>Trifolium macraei</i>	Sand or Sandstone; Misc. habitats
A2	<i>Trifolium wormskioldii</i>	Misc. Wetlands
A2	<i>Triglochin concinna</i> var. <i>concinna</i>	Salt Marsh
A2	<i>Triglochin striata</i> (<i>T. maritima</i> is more common)	Salt Marsh
A2	<i>Trillium ovatum</i> ssp. <i>ovatum</i>	Forest; Redwood Forest
A2	<i>Triodanis biflora</i>	Misc. habitats
A2	<i>Trisetum canescens</i>	Forest; Misc. habitats
A2	<i>Tropidocarpum gracile</i>	Alkali areas; Grassland
*A2	VIBURNUM ELLIPTICUM	Chaparral
A2	<i>Vicia hassei</i>	Grassland; Scrub
A2	<i>Viola glabella</i>	Forest; Riparian
A2	<i>Viola purpurea</i> ssp. <i>purpurea</i>	Chaparral; Scrub; Woodland
A2	<i>Viola purpurea</i> ssp. <i>quercetorum</i>	Grassland; Scrub
A2	<i>Viola sheltonii</i>	Woodlands
A2	<i>Vulpia microstachys</i> var. <i>confusa</i> (var. <i>pauciflora</i> is more common)	Dry Open Slopes; Grassland; Sand or Sandstone; Scrub
A2	<i>Vulpia microstachys</i> var. <i>microstachys</i> (var. <i>pauciflora</i> is more common)	Dry Open Slopes; Rock, Tallus or Scree; Sand or Sandstone; Serpentine; Woodland
A2	<i>Vulpia octoflora</i> var. <i>hirtella</i>	Burns; Sand or Sandstone; Misc. habitats