

Table 1A. Plant Species Considered as Focal Species for the East Alameda Conservation Strategy

Species	Status ^a		Criteria ^b				Recommended Focal Species ^c	Notes
	State/ CNPS	Federal	Range	Status	Threat	Data		
Plants								
<i>Allium sharsmithiae</i> Sharsmith's onion	1B.3	—	Y	N	N	Y	N	Occurs in remote part of study area; not expected to become listed in near future
<i>Amsinckia grandiflora</i> large-flowered fiddleneck	SE/1B.1	FE	Y	Y	N	Y	N	One occurrence on Lawrence Livermore Lab property appears to be extirpated
<i>Amsinckia lunaris</i> bent-flowered fiddleneck	1B.2	—	Y	N	N	N	N	Species not expected to become listed in near future; no local threats known; occurrence location not specific
<i>Arctostaphylos pallida</i> pallid manzanita	SE/1B.1	FT	N	Y	N	N	N	Does not occur in study area
<i>Astragalus tener</i> var. <i>tener</i> alkali milk-vetch	1B.2	—	Y	N	N	N	N	Species not expected to become listed in near future; only known occurrence in study area is extirpated
<i>Atriplex cordulata</i> Heartscale	1B.2	—	Y	N	Y	N	N	Not expected to become listed in near future; taxonomic identity of study area populations in question
<i>Atriplex depressa</i> Brittlescale	1B.2	—	Y	N	Y	N	N	Not expected to become listed in near future; taxonomic identity of study area populations in question
<i>Atriplex joaquiniana</i> San Joaquin spearscale	1B.2	—	Y	Y	Y	Y	Y	Covered in the East Contra Costa County HCP/NCCP
<i>Balsamorhiza macrolepis</i> var. <i>macrolepis</i> big-scale balsamroot	1B.2	—	Y	N	N	Y	N	Only occurrence in study area appears to be extirpated

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<i>Blepharizonia plumosa</i> big tarplant	1B.1	—	Y	Y	Y	Y	Y	Not expected to become listed in near future; road maintenance threatens some occurrences; covered in the East Contra Costa County HCP/NCCP
<i>California macrophylla</i> round-leaved filaree	1B.1	—	Y	Y	N	N	N	No local threats; occurrence locations not specific; covered in the East Contra Costa County HCP/NCCP
<i>Calochortus pulchellus</i> Mt. Diablo fairy-lantern	1B.2	—	N	Y	N	N	N	No occurrences in study area; covered in the East Contra Costa County HCP/NCCP
<i>Campanula exigua</i> chaparral harebell	1B.2	—	Y	Y	N	N	N	Not expected to be listed in near future; no local threats; occurrence locations not specific; covered in the Santa Clara Valley HCP/NCCP
<i>Caulanthus coulteri</i> var. <i>lemmonii</i> Lemmon's jewelflower	1B.2	—	Y	N	N	N	N	Not expected to be listed in near future; no local threats; occurrence locations not specific
<i>Centromadia parryi</i> ssp. <i>congdonii</i> Congdon's tarplant	1B.2	—	Y	Y	Y	Y	Y	Populations concentrated in areas subject to possible future development
<i>Chorizanthe cuspidata</i> var. <i>cuspidata</i> San Francisco Bay spineflower	1B.2	—	N	N	N	N	N	No occurrences in study area
<i>Chorizanthe robusta</i> var. <i>robusta</i> robust spineflower	1B.1	FE	N	Y	N	N	N	No occurrences in study area
<i>Cirsium fontinale</i> var. <i>campylon</i> Mt. Hamilton fountain thistle	1B.2	—	Y	N	N	Y	N	Occurs in remote part of study area; not expected to become listed in near future

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<i>Clarkia franciscana</i> Presidio clarkia	SE/1B	FE	N	Y	N	N	N	No occurrences in study area
<i>Cordylanthus maritimus</i> ssp. <i>palustris</i> Point Reyes bird's-beak	1B.2	—	Y	N	N	N	N	No occurrences in study area
<i>Cordylanthus mollis</i> ssp. <i>hispidus</i> hispid bird's-beak	1B.1	—	Y	Y	N	Y	N	Only occurrence in study area in Springtown Wetlands Preserve, no known threats
<i>Cordylanthus palmatus</i> Palmate-bracted bird's-beak	SE/1B.1	FE	Y	Y	Y	Y	Y	Only occurrence in study area in Springtown Wetlands Preserve; threats from potential changes in local hydrology and from recreational uses
<i>Coreopsis hamiltonii</i> Mt. Hamilton coreopsis	1B.2	—	Y	N	N	Y	N	Only one occurrence in remote part of study area; not expected to become listed in near future
<i>Deinandra bacigalupii</i> Livermore Valley tarplant	1B.1	—	Y	Y	Y	Y	Y	Very rare within study area; high potential for impacts on populations
<i>Delphinium californicum</i> ssp. <i>interius</i> Hospital Canyon larkspur	1B.2	—	Y	N	N	N	N	Occurs in remote part of study area; not expected to become listed in near future
<i>Delphinium recurvatum</i> recurved larkspur	1B.2	—	Y	Y	Y	Y	Y	One occurrence in study area; covered in the East Contra Costa County HCP/NCCP
<i>Dirca occidentalis</i> western leatherwood	1B.2	—	N	N	N	N	N	No occurrences in study area
<i>Eriogonum luteolum</i> var. <i>caninum</i> Tiburon buckwheat	1B.2	—	N	N	N	N	N	No occurrences in study area

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<i>Eryngium aristulatum</i> var. <i>hooveri</i> Hoover's button-celery	1B.1	—	N	N	N	N	N	No occurrences in study area; taxonomic problems
<i>Eschscholzia rhombipetala</i> diamond-petaled California poppy	1B.1	—	Y	Y	N	Y	N	Known occurrences at Lawrence Livermore National Lab; no local threats (other than small population size)
<i>Fritillaria falcata</i> talus fritillary	1B.2	—	Y	N	N	N	N	Occurs in remote part of study area; not expected to become listed in near future
<i>Fritillaria liliacea</i> fragrant fritillary	1B.2	—	N	N	N	N	N	No occurrences in study area
<i>Helianthella castanea</i> Diablo helianthella	1B.2	—	Y	Y	N	Y	N	Occurs in remote part of study area; no known threats; covered in the East Contra Costa County HCP/NCCP
<i>Hesperolinon</i> sp. nov. "serpentinum" Napa western flax	1B.1	—	Y	N	N	Y	N	Not a published species; not expected to become listed in near future
<i>Hoita strobilina</i> Loma Prieta hoita	1B.1	—	N	Y	N	N	N	No occurrences in study area; covered in the Santa Clara Valley HCP/NCCP
<i>Holocarpha macradenia</i> Santa Cruz tarplant	SE/1B.1	FT	N	Y	N	N	N	No occurrences in study area
<i>Horkelia cuneata</i> ssp. <i>sericea</i> Kellogg's horkelia	1B.1	—	N	N	N	N	N	No occurrences in study area
<i>Lasthenia conjugens</i> Contra Costa goldfields	1B.1	FE	N	Y	N	N	N	No occurrences in study area
<i>Legenere limosa</i> Legenere	1B.1	—	Y	N	N	Y	N	Occurs in remote part of study area; not expected to become listed in near future

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<i>Lilaeopsis masonii</i> Mason's lilaeopsis	SR/1B.1	—	Y	Y	N	Y	N	One population at edge of study area; no known threats
<i>Monardella villosa</i> ssp. <i>globosa</i> robust monardella	1B.2	—	N	N	N	N	N	No occurrences in study area
<i>Navarretia prostrata</i> prostrate navarretia	1B.1	—	N	Y	N	N	N	No occurrences in study area
<i>Plagiobothrys chorisianus</i> var. <i>chorisianus</i> Choris' popcorn-flower	1B.2	—	N	N	N	N	N	No occurrences in study area
<i>Plagiobothrys diffusus</i> San Francisco popcorn-flower	SE/1B.1	—	N	Y	N	N	N	No occurrences in study area
<i>Plagiobothrys glaber</i> hairless popcorn-flower	1A	—	Y	Y	Y	N	N	One possible occurrence in study area; identification uncertain; if identification correct, may face threats and may expect to be listed in near future
<i>Sanicula maritima</i> adobe sanicle	SR/1B.1	—	N	Y	N	N	N	Species not expected to be impacted consistently; avoidance is possible
<i>Senecio aphanactis</i> Chaparral ragwort	2.2	—	Y	Y	N	Y	N	One occurrence in study area at Carnegie ORV SP; no threats evident; populations small, mostly historic, more rare than CNPS status indicates
<i>Streptanthus albidus</i> ssp. <i>peramoenus</i> most beautiful jewel-flower	1B.2	—	Y	Y	N	Y	N	In SFPUC lands, no reported threats; covered in the Santa Clara Valley HCP/NCCP
<i>Suaeda californica</i> California seablite	1B.1	FE	N	Y	N	N	N	No occurrences in study area

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<i>Trifolium depauperatum</i> var. <i>hydrophilum</i> saline clover	1B.2	—	Y	N	Y	N	N	Not expected to be listed in near future; occurrence locations not specific
<i>Tropidocarpum capparideum</i> caper-fruited tropidocarpum	1B.1	—	Y	Y	N	N	N	Occurrences in study area are extirpated

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Notes								
<p>a. Status</p> <p>State Status</p> <p>SE State listed as endangered</p> <p>ST State listed as threatened</p> <p>SR State listed as rare</p> <p>Federal Status</p> <p>FE Federally endangered</p> <p>FT Federally threatened</p> <p>California Native Plant Society Ranking</p> <p>1A Presumed extinct in California</p> <p>1B Rare or endangered in California and elsewhere</p> <p>2 Rare or endangered in California but more common elsewhere</p> <p>Native Plant Threat Rankings</p> <p>.1 Seriously threatened in California (high degree/immediacy of threat)</p> <p>.2 Fairly threatened in California (moderate degree/immediacy of threat)</p> <p>.3 Not very threatened in California (low degree/immediacy of threats or no current threats known)</p>			<p>b. Criteria</p> <p>Range: The species is known to occur or is likely to occur within the Conservation Strategy study area, based on credible evidence, or the species is not currently known in the study area but is expected in the study area in the foreseeable future (e.g., through range expansion or reintroduction to historic range).</p> <p>Status: The species is either:</p> <ul style="list-style-type: none"> ▪ listed under the federal ESA as threatened or endangered, or proposed for listing; ▪ listed under CESA as threatened or endangered or a candidate for such listing, or listed under the Native Plant Protection Act as rare; or ▪ expected to be listed under ESA or CESA within the permit term. Potential for listing during the permit term is based on current listing status, consultation with experts and Wildlife Agency staff, evaluation of species population trends and threats, and best professional judgment. <p>Impact: The species or its habitat would be adversely affected by project related activities in Alameda County.</p> <p>Data: Sufficient data exist on the species' life history, habitat requirements, and occurrence in the study area to adequately evaluate impacts on the species and to develop conservation measures to mitigate these impacts to levels specified by regulatory standards.</p> <p>Species proposed as focal species were limited to those species for which impacts from project in the county were likely, or for which mitigation is often required under CEQA or ESA. However, many other special-status species are expected to benefit from the Conservation Strategy.</p>					
			<p>c. Recommended Status</p> <p>Y recommended as a focal species for East Alameda County Conservation Strategy</p> <p>N not recommended as focal species for East Alameda County Conservation Strategy</p>					