

Appendix B

Southeast Specific Plan Project Special Status Species Potentially Occurring within the Southeast Specific Plan Project Area

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Species Name	Status ⁽¹⁾				Habitat	Habitat Present	Observed	Potential Project Affect
	Federal	State	CDFG ⁽²⁾	CNPS ⁽³⁾				
PLANTS								
Sonoma alopecurus <i>Alopecurus aequalis</i> var. <i>sonomensis</i>	Endangered	None	None	1B	Marshes, swamps, and scrub	No	No	None
Bent-flowered fiddleneck <i>Amsinckia lunaris</i>	Species of Local Concern	None	None	1B	Cismontane woodland, and valley and foothill grassland.	Yes	No	Low
Brewer's milk-vetch <i>Astragalus breweri</i>	None	None	None	4	Grassy flats, meadows moist in the spring and open slopes in chaparral; commonly on or near volcanic or serpentine soils	No	No	None
Sonoma Sunshine (Baker's Stickyseed) <i>Blennosperma bakeri</i>	Endangered	Endangered	None	1B	Vernal pools in valley and foothill grasslands.	No	No	None
Dwarf downingia <i>Downingia pusilla</i>	None	None	None	2	Vernal pools in valley and foothill grasslands	No	No	None
Fragrant Fritillary <i>Fitillaria liliacea</i>	Species of Local Concern	None	None	1B	Valley and foothill grasslands, cismontane woodlands, typically over serpentine soils although the soil type varies.	No	No	None

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Purdy's fritillary <i>Fritillaria purdyi</i>	None	None	None	4	Serpentine soils in chaparral, cismontane woodland and lower montane coniferous forests	No	No	None
Burke's goldfields <i>Lasthenia burkei</i>	Endangered	Endangered	None	1B	Vernal pools and swales	No	No	None
Sebastopol meadowfoam <i>Limnanthes vinculans</i>	Endangered	Endangered	None	1B	Vernal pool, swales, wet meadows, and marshes in valley oak savannas.	No	No	None
Jepson's linanthus <i>Linanthus jepsonii</i>	Species of Local Concern	None	None	1B	On volcanic or serpentine soils on shaded grassy slopes of chaparral and woodlands.	No	No	None
Marsh microseris <i>Microseris paludosa</i>	Species of Local Concern	None	None	1B	Closed-coned coniferous forest, cismontane woodland, coastal scrub and valley and foothill grassland	Yes	No	Low
Many-flowered gilia <i>Navarretia leucocephala</i> ssp. <i>pleiantha</i>	Endangered	Endangered	None	1B	Volcanic ash flow vernal pools	No	No	None

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Gairdner's yampah <i>Perideridia gardneri</i> ssp. <i>gairdneri</i>	Species of Concern	None	None	4	Vernal pools and swales on adobe or alkaline soils in a variety of vegetative habitats.	No	No	None
North Coast semaphore grass <i>Pleuropogon hooverianus</i>	Species of Concern	Threatened	None	1B	In wet grassy, usually shady areas in broadleaf upland forests, meadows, seeps or North Coast coniferous forests	No	No	None
Small-flowered mesamint <i>Pogogyne douglasii</i> var. <i>parviflora</i>	None	None	None	None	Vernal pools and swales	No	No	None
Lobb's buttercup <i>Ranunculus lobbii</i>	None	None	None	4	Vernal pools	No	No	None
Showy Indian Clover <i>Trifolium amoenum</i>	Endangered	None	None	1B	Serpentine soils of open sunny sites in valley and foothill grasslands.	No	No	None

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AMPHIBIANS								
California tiger salamander <i>Ambystoma californiense</i>	Threatened	None	Species of Concern	N/A	Underground refuges, such as ground squirrel burrows, and vernal pools or other seasonal water sources for breeding	Yes – marginal aestivation sites	No	None – protocol level surveys have been conducted and species determined to be absent on the site
California red-legged frog <i>Rana aurora draytonii</i>	Threatened	None	Species of Concern	N/A	Permanent water sources with dens, shrubby or emergent riparian vegetation	No	No	None
Foothill yellow-legged frog <i>Rana boylei</i>	Species of Concern	None	Species of Concern	N/A	Partly-shaded, shallow streams and riffles with cobble-sized substrate for egg laying	No	No	None
REPTILES								
Western pond turtle <i>Emys (Clemmys) marmorata</i>	None	None	Species of Concern	N/A	Ponds, marshes, rivers, streams and irrigation ditches with aquatic vegetation, and suitable basking sites and upland habitat for egg-laying	No	No	None

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BIRDS								
Tricolored blackbird <i>Agelaius tricolor</i>	Species of Concern	None	Species of Concern	N/A	Nests near open water with protective substrate such as tules	No	No	None
Burrowing owl <i>Athene cunicularia</i>	Species of Concern	None	Species of Concern	N/A	Habitats with low-growing vegetation (grasslands, scrub, deserts). Dependent on burrowing mammals, especially California ground squirrels.	Yes – foraging habitat	No	Moderate – loss of potential foraging habitat
Western yellow-billed cuckoo <i>Coccyzus americanus occidentalis</i>	Candidate	Endangered	None	N/A	Nests in dense riparian often mixed with cottonwoods and with a herbaceous understory.	No	No	None
White-tailed kite <i>Elanus leucurus</i>	Species of Concern	None	Fully Protected	N/A	Open grassland, meadows or marshes for foraging close to isolated dense topped trees for nesting and perching	Yes-foraging habitat	No	Moderate – loss of potential foraging habitat
Loggerhead shrike <i>Lanius ludovicianus</i>	Species of Concern	None	Species of Concern	N/A	Open habitats with scattered shrubs and trees; open-canopied oak and pine woodlands	Yes – foraging and perch sites	No	Moderate – loss of potential foraging habitat and perch sites

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Footnotes:

- [1] Endangered and threatened are a species status under the California or Federal Endangered Species Act. Federal species of concern and candidate species do not receive any statutory protection under the Federal ESA.
- [2] California Department of Fish and Game. Species designated as Species of Concern by CDFG are to be mitigated for under CEQA. A fully protected designation indicates that these species are fully protected under the Fish and Game Code and cannot be taken or possessed without a permit from the Fish and Game Commission or CDFG.
- [3] California Native Plant Society. Species on List 1A are believed to be extinct within California. Species on List 1B are rare or endangered in California and elsewhere in their range.

Element Rankings, California Department of Fish and Game, 1993:

- S2.1 Very Threatened in California
- S3.1 Very Threatened in California
- S3.2 Threatened in California

References:

CNDDDB (California Natural Diversity Data Base), 2002. Commercial version, information dated 07/01/2001. California Department of Fish and Game
 CNPS (California Native Plant Society) 2001. Inventory of rare and endangered plants of California, 6th edition. D.P. Tibor, ed. 387 pp.

Likelihood of occurrence evaluations

A rating of “known” indicates that the species has been observed on the site.

A rating of “high” indicates that the species has not been observed, but sufficient information is available to indicate suitable habitat and conditions are present on-site and the species is expected to occur on-site.

A rating of “moderate” indicates that it is not known if the species is present, but suitable habitat exists on-site.

A rating of “low” indicates that species was not found during biological surveys conducted to date on the site and may not be expected given the species’ known regional distribution or the quality of habitats located on the site.

A rating of “none” indicates that the taxa would not be expected to occur on the project site because the site does not include the known range or does not support suitable habitat.