

## DOCKETED

<b>Docket Number:</b>	15-AFC-02
<b>Project Title:</b>	Mission Rock Energy Center
<b>TN #:</b>	207160-17
<b>Document Title:</b>	Appendix 5.2A Special Status Species
<b>Description:</b>	Application for Certification (Vol. 2)
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<b>Organization:</b>	Mission Rock Energy Center, LLC
<b>Submitter Role:</b>	Applicant
<b>Submission Date:</b>	12/31/2015 11:45:17 AM
<b>Docketed Date:</b>	12/31/2015

Appendix 5.2A  
Special-Status Species



APPENDIX 5.2A  
**Potential Special-Status Plant and Wildlife Species within the Regional Vicinity of the Mission Rock Energy Center Project**

Plants	Species	Status <sup>a</sup> (Federal/ State/Other)	Habitat Requirements	Potential for Occurrence/ Nearest Identified Occurrence
<b>Blochman's dudleya</b> <i>blochmaniae</i> ssp. <i>blochmaniae</i>	---/---/ CNPS 1B.1	Perennial herb; blooms April through June. Occurs in rocky, often clay or serpentine coastal sage scrub, chaparral, or valley and foothill grassland.	<b>Low.</b> There is limited suitable habitat for this species within the project area. This species was documented in 2010 at the west end of Conejo Mountains, east of the junction of Sanitation Road and Howard Road.	
<b>Conejo buckwheat</b> <i>Erigonum crocatum</i>	---/SR/ CNPS 1B.2	Perennial herb; blooms April through July. Occurs in Conejo volcanic outcrops and rocky sites in chaparral, valley grassland, and coastal sage scrub communities.	<b>Low.</b> There is limited suitable habitat for this species within the project area. The species was observed in 2010 at the Conejo Grade, west of Newbury Park.	
<b>Davidson's saltscale</b> <i>Atriplex serenana</i> var. <i>davidsonii</i>	---/---/ CNPS 1B.2	Annual herb; blooms April through October. Occurs in alkaline soil within coastal bluff scrub and coastal scrub communities.	<b>Not expected.</b> There is no suitable habitat for this species within the project area. This species was documented in 2001 in disturbed habitat along Ventura Boulevard, north of Ventura Freeway in El Rio.	
<b>Late-flowered mariposa-lily</b> <i>Calochortus fimbriatus</i>	---/---/ CNPS 1B.2	Perennial herb; blooms June through August. Occurs in dry, open coastal woodland or chaparral communities on serpentine soil.	<b>Not expected.</b> There is no suitable habitat for this species within the project area. This species was documented in 1998 in Santa Paula Peak and Santa Paula Canyon.	
<b>Ojai fritillary</b> <i>Fritillaria ojaiensis</i>	---/---/ CNPS 1B.2	Perennial herb (bulb); blooms February through May. Occurs in broadleaved, mesic upland forest, chaparral, lower montane coniferous forest, or cismontane woodland communities, usually in loamy soil. Also occurs along roadsides or on serpentine soil.	<b>Not expected.</b> There is no suitable habitat for this species within the project area. This species was documented in 2009 in Lower Sisar Canyon.	
<b>Ojai navarretia</b> <i>ojaiensis</i>	---/---/ CNPS 1B.1	Annual herb; blooms May through July. Occurs in chaparral, coastal scrub, and valley and foothill grassland communities.	<b>Not expected.</b> There is limited suitable habitat for this species within the project area. A historic record (1963) for this species was documented on Sulphur Mountain Road, 8 miles south of junction with State Route (SR) 150.	
<b>Orcutt's pincushion</b> <i>Chaenactis glabriuscula</i> var. <i>orcuttiana</i>	---/---/ CNPS 1B.1	Annual herb; blooms January through August. Occurs in sandy substrate within coastal bluff scrub and coastal dunes communities.	<b>Not expected.</b> There is no suitable habitat for this species within the project area. A historic record (1961) for this species was documented on Pierpont Bay Boulevard, Ventura.	



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<b>Fishes</b>			
<b>Arroyo chub</b> <i>Gila orcutti</i>	---/SSC/---	Inhabits streams from Malibu to San Luis Rey River Basin and was introduced in the Santa Clara, Ventura, Santa Ynez, Mohave, and San Diego River Basins. Slow moving stream sections with mud or sandy substrates and feeds on aquatic vegetation and invertebrates.	<b>Not Expected.</b> There is no suitable habitat for this species within the project area. This species was observed within the in Santa Clara River in 2003.
<b>Santa Ana sucker</b> <i>Castostomus santaanae</i>	FT/SSC/---	Endemic to the Los Angeles Basin, south coastal streams. Inhabits cool, clear water streams with a preference for sand, boulder, or cobble substrates with filamentous algae.	<b>Not Expected.</b> There is no suitable habitat for this species within the project area. This species was observed within the in Santa Clara River in 2003.
<b>Southern steelhead trout</b> <i>Oncorhynchus mykiss irideus</i>	FE/SSC/---	Inhabits the Santa Maria River to the southern extent of the species' range in San Mateo Creek, San Diego County, in tributary streams with gravel substrates (dependent on life stage).	<b>Not Expected.</b> There is no suitable habitat for this species within the project area. This species was documented in 2008 within the Santa Clara River. This species has been documented within 1 mile of the project site.
<b>Tidewater goby</b> <i>Eucyclogobius newberryi</i>	FE/SSC/---	Inhabits brackish water along the coast from Aqua Hedionda Lagoon, San Diego County, to the Smith River. Found in shallow lagoons and lower stream reaches.	<b>Not Expected.</b> There is no suitable habitat for this species within the project area. This species was documented in 1999 within the Santa Clara River.
<b>Unarmored threespine stickleback</b> <i>Gasterosteus aculeatus williamsoni</i>	FE/SE; CFP/---	Inhabits weedy pools, backwaters, and among emergent vegetation at stream edges in southern California.	<b>Not Expected.</b> There is no suitable habitat for this species within the project area. This species was documented in 2007 within the Santa Clara River. This species has been documented within 1 mile of the project site.
<b>Amphibians</b>			
<b>Foothill yellow-legged frog</b> <i>Rana boylei</i>	---/SSC/---	Inhabits partly shaded, shallow streams and riffles with a rocky substrate in a variety of habitats.	<b>Not Expected.</b> There is no suitable habitat for this species within the project area. A historic record (1962) for this species was documented 1 mile northwest of East Fork Junction, Santa Paula Canyon.

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<b>Western spadefoot</b> <i>Spea hammondi</i>	---/SSC/---	For breeding, species inhabits seasonal pools that lack fish, bullfrogs, and crayfish; adjacent grasslands for required for foraging.	<b>Low to Moderate.</b> There is limited suitable habitat for this species within the project area. This species was documented in Happy Camp Canyon Regional Park in 2004.
<b>Reptiles</b>			
<b>Coast horned lizard</b> <i>Phrynosoma blainvillii</i>	---/SSC/---	Inhabits lowland sandy washes or areas with loose soil and scattered, low vegetation. Requires an abundant supply of ants and other insects for foraging.	<b>Low to Moderate.</b> Suitable habitat for this species is present within the project area, particularly along the generator-tie line. This species was observed in 2009 in Fillmore.
<b>Coastal whiptail</b> <i>Aspidoscelis tigris stejnegeri</i>	---/---/---	Inhabits deserts and semi-arid regions with sparse vegetation and open, rocky areas.	<b>Moderate.</b> Suitable habitat for this species is present within the project area, particularly along the generator-tie line. This species was observed in 2008 in Sexton Canyon.
<b>Silvery legless lizard</b> <i>Anniella pulchra</i>	---/SSC/---	Inhabits sandy and loose loamy soils under sparse vegetation.	<b>Low to Moderate.</b> Suitable habitat for this species is present within the project area. This species was documented in 2004 within McGrath State Park.
<b>South coast garter snake</b> <i>Thamnophis sirtalis</i> ssp.	---/SSC/---	Inhabits marshes and upland habitats near permanent water sources.	<b>Low to Moderate.</b> Suitable habitat for this species is present within the project area. This species was observed in 2008 along the on Santa Clara River and has been documented within one mile of the project site.
<b>Two-striped garter snake</b> <i>Thamnophis hammondi</i>	---/SSC/---	Inhabits aquatic stream channels with large sandy or rocky streambeds and a dense adjacent riparian canopy.	<b>Low.</b> There is no suitable habitat for this species within the project area. This species was documented in 2009 within the Santa Clara River.
<b>Western pond turtle</b> <i>Actinemys pallida</i>	---/SSC/---	Inhabits perennial watercourses with pools up to 2 feet deep and basking sites.	<b>Not Expected.</b> There is no suitable habitat for this species within the project area. This species was observed in 2013 in Camarillo.

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<b>Birds</b>			
<b>Bank swallow</b> <i>Riparia</i>	---/ST/---	Colonial nester primarily in riparian and other lowland habitats. Nests in vertical banks/cliffs with fine textured sandy soils near streams, rivers, and lakes.	<b>Not expected.</b> There is no suitable habitat for this species within the project area. A historic record (1976) for this species was documented in the Santa Clara River.
<b>Burrowing owl</b> <i>Athene cunicularia</i>	BCC/SSC/---	Inhabits open grasslands and agricultural fields with burrowing mammal populations.	<b>Low to Moderate.</b> There is suitable habitat for this species within the project area. This species has been documented in in Fillmore in 2007.
<b>California condor</b> <i>Gymnogyps californianus</i>	FE/SE/---	Requires vast expanses of open savannah, grasslands, and foothill chaparral in mountain ranges of moderate altitude.	<b>Not Expected.</b> There is no suitable nesting habitat for this species within the project area. A historic record (1976) for this species was documented at Devil's Heart Peak, Los Padres National Forest.
<b>California horned lark</b> <i>Eremophila alpestris actia</i>	---/WL/---	Inhabits open grasslands, agricultural fields, disturbed and barren areas.	<b>Low to Moderate.</b> There is suitable habitat for this species within the project area. This species was observed in 2002 in Camarillo.
<b>California least tern</b> <i>Sterna antillarum browni</i>	FE/SE; CFP/---	Inhabits sandy beaches, salt pond levees and shores of large alkali lakes.	<b>Not Expected.</b> There is no suitable nesting habitat for this species within the project area. This species was documented in 1996 at the mouth of the Santa Clara River, McGrath Beach.
<b>Coastal California gnatcatcher</b> <i>Polioptila californica</i>	FT/SSC/---	Inhabits coastal sage scrub or chaparral in vicinity of coastal sage scrub communities.	<b>Low to Moderate.</b> There is suitable habitat for this species within the project area. This species was documented in 2009 on CSU Channel Islands campus.
<b>Least Bell's vireo</b> <i>Vireo bellii pusillus</i>	FE/SE/---	Inhabits dense riparian scrub comprised of overstory canopy and high structural diversity; including willows ( <i>Salix</i> spp.), mulefat ( <i>Baccharis salicifolia</i> ), and cottonwoods ( <i>Populus fremontii</i> ).	<b>Moderate.</b> Suitable habitat for this species is present within the vicinity of the project area. This species was observed in 2013 on Santa Clara River and has been documented within 1 mile of the project site.

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<b>Southwestern willow flycatcher</b> <i>Empidonax traillii extimus</i>	FE/SE/---	Inhabits dense, early seral stage willow and mulefat scrub with some riparian overstory trees.	<b>Moderate.</b> Suitable habitat for this species is present within the vicinity of the project area. This species has been documented in 2009 along the Santa Clara River.
<b>Western snowy plover</b> <i>Charadrius alexandrinus nivosus</i>	FT; BCC/SSC/---	Inhabits sandy beaches, salt pond levees and shores of large alkali lakes.	<b>Not expected.</b> There is no suitable habitat for this species within the project area. A historic record (1978) for this species was documented in Mouth of Santa Clara River.
<b>Western yellow-billed cuckoo</b> <i>Coccyzus americanus occidentalis</i>	FT; BCC/SE/---	Inhabits dense, wide riparian woodlands with well-developed understories adjacent to slow-moving watercourses, backwaters, or seeps.	<b>Extirpated.</b> Suitable habitat for this species is present within the vicinity of the project area. However, this species was last observed in 1942 along the Santa Clara River.
<b>White-tailed kite</b> <i>Elanus leucurus</i>	---/CFP/---	Inhabits open country with trees such as oak ( <i>Quercus</i> spp.), willow, and sycamore ( <i>Platanus</i> sp.).	<b>Moderate.</b> Suitable habitat for this species is present within the vicinity of the project area. This species was documented in 2001 along the Santa Clara River, approximately 0.7 miles northwest of mouth of Loftus Canyon.

**Mammals**

<b>American badger</b> <i>Taxidea taxus</i>	---/SSC/---	Inhabits dry, open shrub, forest and herbaceous habitats with friable soils and stable abundant, Scuriid population as food source.	<b>Low to Moderate.</b> Suitable habitat for this species is present within the vicinity of the project area. In 2009, this species was observed on SR 126 at Edwards Ranch Road. This species has been documented within 1 mile of the project area.
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<b>Pallid bat</b> <i>Antrozous pallidus</i>	---/SSC/ WBWG: H	Forages close to the ground in open areas; roosts in caves, rock crevices, mines, buildings, and hollow trees.	<b>Not Expected.</b> Suitable foraging habitat for this species is present within the vicinity of the project area. A historic record (1942) was documented in Santa Paula.

Sources:

California Department of Fish and Wildlife (CDFW). 2015. California Natural Diversity Database (CNDDB). Search within 10 miles of MREC. October. California. 2015. Berkeley, California: The Calflora Database. Available at: <http://www.calflora.org/>

<sup>a</sup> Key to Status Designations:

**Federal Designations:**

(FE) Federally Endangered, (FT) Federally Threatened, (FPE) Federally Proposed Endangered, (FPT) Federally Proposed Threatened, (FSC) Species of Concern, (FC) Candidate

**State Designations:**

(SE) State Endangered, (ST) State Threatened, (SR) State Rare, (SSC) Species of Special Concern, (CFP) Fully Protected Species

**California Native Plant Society (CNPS) Designations:**

(1A) Presumed extinct in California; (1B) Rare, threatened, or endangered in California and elsewhere; (2) Rare, threatened, or endangered in California, but more common elsewhere; (3) More information is needed; (4) Limited distribution; (.1) Seriously endangered in California; (.2) Fairly endangered in California; (.3) Not very endangered in California.

**Other Designations:**

(WBWG) Western Bat Working Group: low, moderate, and high priority