

CURRENT (AS OF 1/21/2022)
Status of Covered Species Not Adequately Conserved (Table 9-3 Species)

Common Name	Latin Name	Table 9-3 Requirement (Volume I of MSHCP)	Table 9-3 Requirement Met?
Beautiful hulsea	<i>Hulsea vestita</i> ssp. <i>callicarpa</i>	Within the MSHCP Conservation Area, confirm 16 localities (locality in this sense is not smaller than one quarter section) with no fewer than 50 individuals each (unless a smaller population has been demonstrated to be self-sustaining).	YES
California bedstraw	<i>Galium californicum</i> ssp. <i>primum</i>	A Memorandum of Understanding must be executed with the Forest Service that addresses management for this species on Forest Service Land.	NO
California muhly	<i>Muhlenbergia californica</i>	Within the MSHCP Conservation Area, confirm 10 localities (locality in this sense is not smaller than one quarter section) containing at least 50 clumps (unless a smaller population has been demonstrated to be self-sustaining). NOTE: Species does not occur within the Plan Area.	NO
California spotted owl	<i>Strix occidentalis occidentalis</i>	A Memorandum of Understanding must be executed with the Forest Service that addresses management for this species on Forest Service Land.	NO
Chickweed oxytheca	<i>Oxytheca caryophylloides</i>	Within the MSHCP Conservation Area, confirm 10 localities (locality in this sense is not smaller than one quarter section) managed with 1,000 individuals each (unless a smaller population has been demonstrated to be self-sustaining). NOTE: Surveys ongoing to reconfirm expired observations. Objective might be met with additional surveys.	NO
Cleveland's bush monkeyflower	<i>Mimulus clevelandii</i>	A Memorandum of Understanding must be executed with the Forest Service that addresses management for this species on Forest Service Land.	NO
Cliff cinquefoil	<i>Potentilla rimicola</i>	Within the MSHCP Conservation Area, confirm five localities (locality in this sense is not smaller than one quarter section). NOTE: Objective includes duplicate records and species occurs mostly outside of the Plan Area.	NO
Coulter's matilija poppy	<i>Romneya coulteri</i>	Within the MSHCP Conservation Area, confirm 30 localities (locality in this sense is not smaller than one quarter section).	YES
Fish's milkwort	<i>Polygala cornuta</i> var. <i>fishiae</i>	Within the MSHCP Conservation Area, confirm 10 localities (locality in this sense is not smaller than one quarter section) with at least 50 individuals (ramets or genets) each (unless a smaller population has been demonstrated to be self-sustaining).	YES
Graceful tarplant	<i>Holocarpha virgata</i> ssp. <i>elongata</i>	Within the MSHCP Conservation Area, confirm 10 localities (locality in this sense is not smaller than one quarter section) with 1,000 individuals each (unless a smaller population has been demonstrated to be self-sustaining).	YES

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Grasshopper sparrow	<i>Ammodramus savannarum</i>	<p><i>Within the MSHCP Conservation Area, maintain occupancy within 3 large Core Areas (100 percent) and at least 3 of the 4 smaller Core Areas (75 percent) in at least 1 year out of any 5 consecutive year period. In order for this species to become a Covered Species Adequately Conserved, the following conservation must be demonstrated: Include within the MSHCP Conservation Area at least 8,000 acres in 7 Core Areas. Three of the 7 Core Areas will be large, consisting of a minimum of 2,000 acres of grassland habitat or grassland dominated habitat (<20 percent shrub cover). The other 4 Core Areas may be smaller but will consist of at least 500 acres of contiguous grassland habitat or grassland-dominated habitat (<20 percent shrub cover). Five of the 7 Core Areas will be demonstrated to support at least 20 grasshopper sparrow pairs with evidence of successful reproduction within the first 5 years after permit issuance. Successful reproduction is defined as a nest which fledged at least one known young.</i></p> <p>NOTE: Occupancy of the large Core Areas has been confirmed, but not for the small Core Areas. The reproduction portion of the objective has not been met.</p>	Partial
Lemon lily	<i>Lilium parryi</i>	<p><i>A Memorandum of Understanding must be executed with the Forest Service that addresses management for this species on Forest Service Land.</i></p>	NO
Lincoln's sparrow	<i>Melospiza lincolnii</i>	<p><i>Within the MSHCP Conservation Area, maintain occupancy within 3 large Core Areas (100 percent) in at least 1 year out of any 5 consecutive-year period. In order for this species to become a Covered Species Adequately Conserved, the following conservation must be demonstrated: Include within the MSHCP Conservation Area at least 100 acres in 3 Core Areas. The three Core Areas will be large, consisting of a minimum of 50 acres of montane meadow, wet montane meadow, and edges of montane riparian or riparian scrub. The Core Areas will be demonstrated to support at least 20 Lincoln's sparrow pairs with evidence of successful reproduction within the first 5 years after permit issuance. Successful reproduction is defined as a nest which fledged at least one known young.</i></p> <p>NOTE: Two of the suggested Core Areas are outside of the Plan Area. Reproductive objective possibly will not be met because suitable breeding habitat is difficult to locate in the Plan Area, and species is rarely present during the breeding season.</p>	NO
Mojave tarplant	<i>Deinandra mohavensis</i>	<p><i>Include within the MSHCP Conservation Area at least four localities (locality in this sense is not smaller than one quarter section) occupying at least 100 acres.</i></p> <p>NOTE: Interpretation of acreage requirement necessary.</p>	NO

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Ocellated Humboldt lily	<i>Lilium humboldtii</i> ssp. <i>ocellatum</i>	A Memorandum of Understanding must be executed with the Forest Service that addresses management for this species on Forest Service Land.	NO
Parry's spine flower	<i>Chorizanthe parryi</i> var. <i>parryi</i>	Within the MSHCP Conservation Area, confirm 10 localities (locality in this sense is not smaller than one quarter section) with at least 1,000 individuals (unless a smaller population has been demonstrated to be self-sustaining).	YES
Peninsular spine flower	<i>Chorizanthe leptotheca</i>	Within the MSHCP Conservation Area, confirm 10 localities (locality in this sense is not smaller than one quarter section) with at least 1,000 individuals (unless a smaller population has been demonstrated to be self-sustaining).	YES
Plummer's mariposa lily	<i>Calochortus plummerae</i>	Within the MSHCP Conservation Area, confirm six localities (locality in this sense is not smaller than one quarter section) of at least 500 individuals each (unless a smaller population has been demonstrated to be self-sustaining).	YES
Rainbow manzanita	<i>Arctostaphylos rainbowensis</i>	Within the MSHCP Conservation Area, confirm 10 localities (locality in this sense is not smaller than one quarter section) with more than 50 individuals each (unless a smaller population has been demonstrated to be self-sustaining).	YES
San Bernardino flying squirrel	<i>Glaucomys sabrinus californicus</i>	Within the MSHCP Conservation Area, confirm occupation of 1000 ha (2470 acres) with a mean density of at least 2 individuals per hectare (2 individuals per 2.47 acres) in the San Jacinto mountains; and in the San Bernardino Mountains confirm occupation of 100 ha. NOTE: USFS and SDNHM staff have determined it is extremely unlikely that the objective has been met. Focused surveys have not been conducted because of the assumed inefficient use of resources.	NO
San Bernardino Mountain kingsnake	<i>Lampropeltis zonata parvirubra</i>	A Memorandum of Understanding must be executed with the Forest Service that addresses management for this species on Forest Service Land.	NO
San Diego Mountain kingsnake	<i>Lampropeltis zonata pulchra</i>	A Memorandum of Understanding must be executed with the Forest Service that addresses management for this species on Forest Service Land.	NO
Shaggy-haired alumroot	<i>Heuchera hirsutissima</i>	A Memorandum of Understanding must be executed with the Forest Service that addresses management for this species on Forest Service Land.	NO
Small-flowered microseris	<i>Microseris douglasii</i> var. <i>platycarpa</i>	Within the MSHCP Conservation Area, confirm 10 localities (locality in this sense is not smaller than one quarter section) with at least 1,000 individuals (unless a smaller population has been demonstrated to be self-sustaining).	YES
Southern rubber boa	<i>Charina bottae umbratica</i>	A Memorandum of Understanding must be executed with the Forest Service that addresses management for this species on Forest Service Land.	NO

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Southern sagebrush lizard	<i>Sceloporus graciosus vandenburgianus</i>	<i>A Memorandum of Understanding must be executed with the Forest Service that addresses management for this species on Forest Service Land.</i>	NO
Sticky-leaved dudleya	<i>Dudleya viscida</i>	<i>A Memorandum of Understanding must be executed with the Forest Service that addresses management for this species on Forest Service Land.</i>	NO
Williamson's sapsucker	<i>Sphyrapicus thyroideus</i>	<i>A Memorandum of Understanding must be executed with the Forest Service that addresses management for this species on Forest Service Land.</i>	NO