

Table V1.1-1. Species included in the MSP Roadmap ("MSP Species").

Scientific Name	Synonym	Common Name	Plans Covered By ¹	Fed/State Designation ²	MSP Management Category ³	Summary Page Link
Plants						
<i>Acanthomintha ilicifolia</i>		San Diego thorn-mint	MSCP, MHCP, NCP	FT/CE	SO	https://portal.sdmmp.com/view_species.php?taxaid=32426
<i>Acmispon prostratus</i>	<i>Lotus nuttallianus</i>	Nuttall's acmispon	MSCP, MHCP	--/--	SO	https://portal.sdmmp.com/view_species.php?taxaid=820047
<i>Adolphia californica</i>		California adolphia (Spineshrub)	NCP	--/--	VG	https://portal.sdmmp.com/view_species.php?taxaid=28449
<i>Agave shawii</i> var <i>shawii</i>	<i>Agave shawii</i>	Shaw's agave	MSCP	--/--	SL	https://portal.sdmmp.com/view_species.php?taxaid=810342
<i>Ambrosia pumila</i>		San Diego ambrosia	MSCP, MHCP, NCP	FE/--	SO	https://portal.sdmmp.com/view_species.php?taxaid=36517
<i>Aphanisma blitoides</i>		Aphanisma	MSCP	--/--	SL	https://portal.sdmmp.com/view_species.php?taxaid=20679
<i>Arctostaphylos glandulosa</i> ssp. <i>crassifolia</i>		Del Mar manzanita	MSCP, MHCP, NCP	FE/--	VF	https://portal.sdmmp.com/view_species.php?taxaid=183557
<i>Arctostaphylos otayensis</i>		Otay manzanita	MSCP	--/--	VF	https://portal.sdmmp.com/view_species.php?taxaid=23507
<i>Arctostaphylos rainbowensis</i>		Rainbow manzanita	NCP	--/--	VF ⁴	https://portal.sdmmp.com/view_species.php?taxaid=507811
<i>Atriplex coulteri</i>		Coulter's saltbush	NCP	--/--	VF	https://portal.sdmmp.com/view_species.php?taxaid=20523
<i>Atriplex parishii</i>	<i>Atriplex parishii</i> var. <i>parishii</i>	Parish brittlescale	NCP	--/--	VF	https://portal.sdmmp.com/view_species.php?taxaid=20554
<i>Baccharis vanessae</i>		Encinitas baccharis	MSCP, MHCP, NCP	FT/CE	SO	https://portal.sdmmp.com/view_species.php?taxaid=183764
<i>Bloomeria clevelandii</i>		San Diego goldenstar	MSCP, NCP	--/--	SS	https://portal.sdmmp.com/view_species.php?taxaid=509575

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<i>Brodiaea filifolia</i>		Thread-leaved brodiaea	MSCP, NCP	FT/CE	SS	https://portal.sdmmp.com/view_species.php?taxaid=42806
<i>Brodiaea orcuttii</i>		Orcutt's brodiaea	MSCP, NCP	--/--	SO	https://portal.sdmmp.com/view_species.php?taxaid=42815
<i>Brodiaea santarosae</i>		Santa Rosa brodiaea	NCP	--/--	SS	https://portal.sdmmp.com/view_species.php?taxaid=810190
<i>Calochortus dunnii</i>		Dunn's mariposa lily	MSCP	--/--	VG	https://portal.sdmmp.com/view_species.php?taxaid=42844
<i>Ceanothus cyaneus</i>		Lakeside ceanothus	MSCP	--/--	VF	https://portal.sdmmp.com/view_species.php?taxaid=28461
<i>Ceanothus verrucosus</i>		Wart-stemmed ceanothus	MSCP, MHCP, NCP	--/--	VF	https://portal.sdmmp.com/view_species.php?taxaid=28518
<i>Centromadia parryi</i> ssp. <i>australis</i>		Southern tarplant	NCP	--/--	VF	https://portal.sdmmp.com/view_species.php?taxaid=780715
<i>Chloropyron maritimum</i> ssp. <i>maritimum</i>	<i>Cordylanthus maritimus</i> ssp. <i>maritimus</i>	Salt marsh bird's-beak	MSCP	FE/CE	SL	https://portal.sdmmp.com/view_species.php?taxaid=834234
<i>Chorizanthe orcuttiana</i>		Orcutt's spineflower	MHCP, NCP	FE/CE	SL	https://portal.sdmmp.com/view_species.php?taxaid=21019
<i>Clinopodium chandleri</i>	<i>Satureja chandleri</i>	San Miguel savory	MSCP, NCP	--/--	SL	https://portal.sdmmp.com/view_species.php?taxaid=565077
<i>Comarostaphylis diversifolia</i> ssp. <i>diversifolia</i>		Summer-holly	MHCP, NCP	--/--	VG	https://portal.sdmmp.com/view_species.php?taxaid=23640
<i>Cylindropuntia californica</i> var. <i>californica</i>		Snake cholla	MSCP	--/--	VF ⁴	https://portal.sdmmp.com/view_species.php?taxaid=913470
<i>Deinandra conjugens</i>		Otay tarplant	MSCP	FT/CE	SS	https://portal.sdmmp.com/view_species.php?taxaid=780273
<i>Dicranostegia orcuttiana</i>	<i>Cordylanthus orcuttianus</i>	Orcutt's bird's-beak	MSCP	--/--	SL	https://portal.sdmmp.com/view_species.php?taxaid=834156

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<i>Dudleya blochmaniae</i>	<i>Dudleya blochmaniae</i> ssp. <i>brevifolia</i>	Blochman's dudleya	MHCP	--/--	SL	https://portal.sdmmp.com/view_species.php?taxaid=502165
<i>Dudleya brevifolia</i>	<i>Dudleya blochmaniae</i> ssp. <i>brevifolia</i>	Short-leaved dudleya	MSCP, NCP	--/CE	SL	https://portal.sdmmp.com/view_species.php?taxaid=502166
<i>Dudleya variegata</i>		Variegated dudleya	MSCP	--/--	SS	https://portal.sdmmp.com/view_species.php?taxaid=502182
<i>Dudleya viscida</i>		Sticky dudleya	MSCP, NCP	--/--	SS	https://portal.sdmmp.com/view_species.php?taxaid=502185
<i>Ericameria palmeri</i> ssp. <i>palmeri</i>		Palmer's goldenbush	MSCP	--/--	VF ⁴	https://portal.sdmmp.com/view_species.php?taxaid=527914
<i>Eryngium aristulatum</i> var. <i>parishii</i>		San Diego button-celery	MSCP, NCP	FE/CE	VF	https://portal.sdmmp.com/view_species.php?taxaid=528066
<i>Erysimum ammophilum</i>		Coast wallflower	MSCP	--/--	SL	https://portal.sdmmp.com/view_species.php?taxaid=22928
<i>Euphorbia misera</i>		Cliff spurge	MHCP	--/--	VF	https://portal.sdmmp.com/view_species.php?taxaid=28104
<i>Ferocactus viridescens</i>		San Diego barrel cactus	MSCP, MHCP, NCP	--/--	VF ⁴	https://portal.sdmmp.com/view_species.php?taxaid=19801
<i>Fremontodendron mexicanum</i>		Mexican flannelbush	None	FE/--	SL	https://portal.sdmmp.com/view_species.php?taxaid=21581
<i>Hazardia orcuttii</i>		Orcutt's hazardia	MHCP	--/CT	SL	https://portal.sdmmp.com/view_species.php?taxaid=502882
<i>Hesperocyparis forbesii</i>	<i>Cupressus forbesii</i>	Tecate cypress	MSCP	--/--	VF	https://portal.sdmmp.com/view_species.php?taxaid=822589
<i>Iva hayesiana</i>		San Diego marsh-elder	MHCP	--/--	VG	https://portal.sdmmp.com/view_species.php?taxaid=36037
<i>Lepechinia cardiophylla</i>		Heart-leaved pitcher sage	MSCP	--/--	SL	https://portal.sdmmp.com/view_species.php?taxaid=32553
<i>Lepechinia ganderi</i>		Gander's pitcher sage	MSCP	--/--	VG	https://portal.sdmmp.com/view_species.php?taxaid=32555

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<i>Monardella hypoleuca</i> ssp. <i>lanata</i>		Felt-leaved monardella	MSCP, NCP	--/--	VF	https://portal.sdmmp.com/view_species.php?taxaid=524318
<i>Monardella stoneana</i>	<i>Monardella linoides</i> ssp. <i>viminea</i>	Jennifer's monardella	None	--/--	SL	https://portal.sdmmp.com/view_species.php?taxaid=832834
<i>Monardella viminea</i>	<i>Monardella linoides</i> ssp. <i>viminea</i>	Willow monardella	MSCP	FE/CE	SL	https://portal.sdmmp.com/view_species.php?taxaid=833060
<i>Navarretia fossalis</i>		Spreading navarretia	MSCP, MHCP, NCP	FT/--	VF	https://portal.sdmmp.com/view_species.php?taxaid=31328
<i>Nolina cismontana</i>		Chaparral nolina	NCP	--/--	SL	https://portal.sdmmp.com/view_species.php?taxaid=507567
<i>Nolina interrata</i>		Dehesa nolina	MSCP	--/CE	SO	https://portal.sdmmp.com/view_species.php?taxaid=42992
<i>Orcuttia californica</i>		California orcutt grass	MSCP, MHCP	FE/CE	SL	https://portal.sdmmp.com/view_species.php?taxaid=41970
<i>Packera ganderi</i>		Gander's ragwort	NCP, MSCP	--/--	SO	https://portal.sdmmp.com/view_species.php?taxaid=565357
<i>Pinus torreyana</i> ssp. <i>torreyana</i>		Torrey pine	MSCP, MHCP	--/--	VF	https://portal.sdmmp.com/view_species.php?taxaid=183392
<i>Pogogyne abramsii</i>		San Diego mesa mint	MSCP	FE/CE	VF	https://portal.sdmmp.com/view_species.php?taxaid=32639
<i>Pogogyne nudiuscula</i>		Otay mesa mint	MSCP	FE/CE	SL	https://portal.sdmmp.com/view_species.php?taxaid=32643
<i>Quercus dumosa</i>		Nuttall's scrub oak	MHCP, NCP	--/--	VF	https://portal.sdmmp.com/view_species.php?taxaid=19323
<i>Quercus engelmannii</i>		Engelmann Oak	MHCP, NCP	--/--	VF	https://portal.sdmmp.com/view_species.php?taxaid=19329
<i>Rosa minutifolia</i>		Small-leaved rose	MSCP	--/CE	SS	https://portal.sdmmp.com/view_species.php?taxaid=504824

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<i>Tetracoccus dioicus</i>		Parry's tetracoccus	MSCP, MHCP, NCP	--/--	SS	https://portal.sdmmp.com/view_species.php?taxaid=28420
Invertebrates						
<i>Branchinecta sandiegonensis</i>		San Diego fairy shrimp	MSCP, NCP	FE/--	SL	https://portal.sdmmp.com/view_species.php?taxaid=624043
<i>Callophrys thornei</i>	<i>Mitoura thornei</i>	Thorne's hairstreak butterfly	MSCP	--/--	VF	https://portal.sdmmp.com/view_species.php?taxaid=777843
<i>Euphydryas editha quino</i>		Quino checkerspot butterfly	NCP	FE/--	SL	https://portal.sdmmp.com/view_species.php?taxaid=779299
<i>Euphyes vestris harbisoni</i>		Harbison's dunn skipper	MHCP		SL ⁴	https://portal.sdmmp.com/view_species.php?taxaid=707282
<i>Lycaena hermes</i>		Hermes copper	NCP	--/--	SL	https://portal.sdmmp.com/view_species.php?taxaid=777791
<i>Panoquina errans</i>		Wandering skipper	MSCP, MHCP	--/--	VF ⁴	https://portal.sdmmp.com/view_species.php?taxaid=706557
<i>Streptocephalus wootoni</i>		Riverside fairy shrimp	MSCP, MHCP, NCP	FE/--	SL	https://portal.sdmmp.com/view_species.php?taxaid=624020
Fish						
<i>Gila orcuttii</i>		Arroyo chub	NCP	--/CSC	SL ⁴	https://portal.sdmmp.com/view_species.php?taxaid=553278
Amphibians						
<i>Anaxyrus californicus</i>	<i>Bufo californicus</i> , <i>B. microscaphus californicus</i>	Arroyo toad	MSCP, NCP	FE/CSC	SO	https://portal.sdmmp.com/view_species.php?taxaid=773514
<i>Spea hammondi</i>	<i>Scaphiopus hammondi</i>	Western spadefoot toad	MHCP, NCP	--/CSC	VF	https://portal.sdmmp.com/view_species.php?taxaid=206990
<i>Taricha torosa torosa</i>		Coast range newt	NCP	--/CSC	VF ⁴	https://portal.sdmmp.com/view_species.php?taxaid=208226

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Reptiles						
<i>Aspidoscelis hyperythra</i>	<i>Cnemidophorus hyperythrus beldingi</i>	Orange-throated whiptail	MSCP, MHCP, NCP	--/CSC	VG	https://portal.sdmmp.com/view_species.php?taxaid=914116
<i>Crotalus ruber</i>	<i>Crotalus ruber ruber</i>	Red diamond rattlesnake	NCP	--/CSC	VG	https://portal.sdmmp.com/view_species.php?taxaid=174316
<i>Emys pallida</i>	<i>Clemmys marmorata pallida</i> , <i>Emys marmorata pallida</i>	Southwestern pond turtle	MSCP, MHCP, NCP	--/CSC	SL	https://portal.sdmmp.com/view_species.php?taxaid=668677
<i>Phrynosoma blainvillii</i>	<i>Phrynosoma coronatum</i> (blainvillei population)	Blainville's horned lizard (Coast horned lizard, San Diego horned lizard)	MSCP, NCP	--/CSC	VF	https://portal.sdmmp.com/view_species.php?taxaid=208819
<i>Thamnophis hammondi</i>		Two-striped garter snake	NCP	--/CSC	VG	https://portal.sdmmp.com/view_species.php?taxaid=209149
Birds						
<i>Accipiter cooperii</i>		Cooper's hawk	MSCP, MHCP	--/--	VG	https://portal.sdmmp.com/view_species.php?taxaid=175309
<i>Agelaius tricolor</i>		Tricolored blackbird	MSCP, NCP	--/CSC	SL ⁴	https://portal.sdmmp.com/view_species.php?taxaid=179060
<i>Aimophila ruficeps canescens</i>		Southern California rufous-crowned sparrow	MSCP, MHCP, NCP	--/--	VG	https://portal.sdmmp.com/view_species.php?taxaid=179383
<i>Ammodramus savannarum perpallidus</i>		Grasshopper sparrow	NCP	--/CSC	VF	https://portal.sdmmp.com/view_species.php?taxaid=179336

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<i>Aquila chrysaetos canadensis</i>		Golden eagle	MSCP, MHCP, NCP	BEPA/FP	SO	https://portal.sdmmp.com/view_species.php?taxaid=175408
<i>Artemisiospiza belli belli</i>	<i>Amphispiza belli belli</i>	Bell's sparrow	MHCP, NCP	--/--	VF ⁴	https://portal.sdmmp.com/view_species.php?taxaid=998052
<i>Athene cunicularia hypugaea</i>	<i>Speotyto cunicularia hypugaea</i>	Western burrowing owl	MSCP, NCP	--/CSC	SL	https://portal.sdmmp.com/view_species.php?taxaid=687093
<i>Branta canadensis</i>		Canada goose	MSCP	--/--	VG	https://portal.sdmmp.com/view_species.php?taxaid=174999
<i>Buteo regalis</i>		Ferruginous hawk	MSCP	--/--	VG	https://portal.sdmmp.com/view_species.php?taxaid=175377
<i>Buteo swainsoni</i>		Swainson's hawk	MSCP	--/CT	VG	https://portal.sdmmp.com/view_species.php?taxaid=175367
<i>Campylorhynchus brunneicapillus sandiegensis</i>	<i>Campylorhynchus brunneicapillus couesi</i>	Coastal cactus wren	MSCP, MHCP, NCP	--/CSC	SO	https://portal.sdmmp.com/view_species.php?taxaid=917698
<i>Charadrius nivosus nivosus</i>	<i>Charadrius alexandrinus nivosus</i>	Western snowy plover	MSCP, MHCP	FT/CSC	SL	https://portal.sdmmp.com/view_species.php?taxaid=824565
<i>Circus cyaneus</i>		Northern harrier	MSCP, NCP	--/CSC	SO	https://portal.sdmmp.com/view_species.php?taxaid=175430
<i>Egretta rufescens</i>		Reddish egret	MSCP	--/--	VG	https://portal.sdmmp.com/view_species.php?taxaid=174824
<i>Empidonax traillii extimus</i>		Southwestern willow flycatcher	MSCP, MHCP, NCP	FE/CE	SL	https://portal.sdmmp.com/view_species.php?taxaid=712529
<i>Falco peregrinus anatum</i>		American peregrine falcon	MSCP, MHCP	--/FP	VG	https://portal.sdmmp.com/view_species.php?taxaid=175605
<i>Haliaeetus leucocephalus</i>		Bald eagle	MSCP	--/CE, FP	VG	https://portal.sdmmp.com/view_species.php?taxaid=175420
<i>Icteria virens</i>		Yellow-breasted chat	MHCP, NCP	--/CSC	VF ⁴	https://portal.sdmmp.com/view_species.php?taxaid=178964

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<i>Numenius americanus</i>		Long-billed curlew	MSCP	--/--	VG	https://portal.sdmmp.com/view_species.php?taxaid=176593
<i>Pandion haliaetus</i>		Osprey	MHCP	--/--	VG	https://portal.sdmmp.com/view_species.php?taxaid=175590
<i>Passerculus sandwichensis beldingi</i>		Belding's savannah sparrow	MSCP, MHCP	--/CE	VF	https://portal.sdmmp.com/view_species.php?taxaid=179325
<i>Passerculus sandwichensis rostratus</i>		Large-billed savannah sparrow	MSCP, MHCP	--/CSC	VG	https://portal.sdmmp.com/view_species.php?taxaid=179330
<i>Pelecanus occidentalis californicus</i>		California brown pelican	MSCP, MHCP	--/FP	VG	https://portal.sdmmp.com/view_species.php?taxaid=174688
<i>Plegadis chihi</i>		White-faced ibis	MSCP, MHCP, NCP	--/CSC	VG	https://portal.sdmmp.com/view_species.php?taxaid=174926
<i>Poliophtila californica californica</i>		Coastal California gnatcatcher	MSCP, MHCP, NCP	FT/CSC	VF	https://portal.sdmmp.com/view_species.php?taxaid=925072
<i>Rallus obsoletus levipes</i>	<i>Rallus longirostris levipes</i>	Light-footed Ridgway's rail	MSCP, MHCP, NCP	FE/CE, FP	SO	https://portal.sdmmp.com/view_species.php?taxaid=176211
<i>Sialia mexicana</i>		Western bluebird	MSCP, MHCP	--/--	VG	https://portal.sdmmp.com/view_species.php?taxaid=179806
<i>Sternula antillarum browni</i>	<i>Sterna antillarum browni</i>	California least tern	MSCP, MHCP	FE/CE, FP	SO ⁴	https://portal.sdmmp.com/view_species.php?taxaid=825084
<i>Thalasseus elegans</i>	<i>Sterna elegans</i>	Elegant tern	MSCP, MHCP	--/--	VG	https://portal.sdmmp.com/view_species.php?taxaid=176931
<i>Vireo bellii pusillus</i>		Least Bell's vireo	MSCP, MHCP, NCP	FE/CE	SO ⁴	https://portal.sdmmp.com/view_species.php?taxaid=179007

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Mammals						
<i>Antrozous pallidus</i>		Pallid bat	NCP	--/CSC	SL	https://portal.sdmmp.com/view_species.php?taxaid=180006
<i>Chaetodipus fallax fallax</i>		Northwestern San Diego pocket mouse	MHCP	--/CSC	VG	https://portal.sdmmp.com/view_species.php?taxaid=900826
<i>Dipodomys stephensi</i>		Stephens' kangaroo rat	MHCP, NCP	FE/CT	SO ⁴	https://portal.sdmmp.com/view_species.php?taxaid=180247
<i>Lepus californicus bennettii</i>		San Diego black-tailed jackrabbit	MHCP, NCP	--/CSC	VF ⁴	https://portal.sdmmp.com/view_species.php?taxaid=900973
<i>Odocoileus hemionus fuliginata</i>		Southern mule deer	MSCP, MHCP	--/--	SS ⁴	https://portal.sdmmp.com/view_species.php?taxaid=898459
<i>Plecotus townsendii pallescens</i>	<i>Plecotus townsendii pallescens</i>	Townsend's big-eared bat	NCP	--/CSC	SO	https://portal.sdmmp.com/view_species.php?taxaid=203457
<i>Puma concolor</i>	<i>Felis concolor</i>	Mountain lion	MSCP, MHCP, NCP	--/--	SL ⁴	https://portal.sdmmp.com/view_species.php?taxaid=552479
<i>Taxidea taxus</i>		American badger	MSCP, NCP	--/CSC	SL	https://portal.sdmmp.com/view_species.php?taxaid=180565
Species Initially Considered but Excluded from Further Analysis						Reason
<i>Astragalus tener var titi</i>		Coastal dunes milk-vetch	MSCP	FE/CE		No Known Occurrences
<i>Berberis nevadensis</i>		Nevin's barberry	MSCP	FE/CE		No Known Occurrences
<i>Calamagrostis koelerioides</i>	<i>Calamagrostis densa</i>	Fire reedgrass (Dense reed grass)	MSCP	--/--		Taxonomic Issues
<i>Caulanthus heterophyllus</i>	<i>Caulanthus stenocarpus</i>	Slender-pod jewelflower	MSCP	--/--		Taxonomic Issues

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<i>Corethrogyne filaginifolia</i>	<i>Corethrogyne filaginifolia</i> var. <i>linifolia</i> , <i>Lessingia filaginifolia</i> var. <i>filaginifolia</i>	Del Mar Mesa sand aster	MSCP, MHCP	--/--		Taxonomic Issues
<i>Myosurus minimus</i> ssp. <i>apus</i>		Little mousetail	MHCP, NCP	--/--		Taxonomic Issues
Reason						
<i>Solanum xanti</i>	<i>Solanum tenuilobatum</i>	Narrow-leaved nightshade	MSCP	--/--		Taxonomic Issues
<i>Rana draytonii</i>	<i>Rana aurora draytonii</i>	California red-legged frog	MSCP	FT/CSC		No Known Occurrences
<i>Charadrius montanus</i>		Mountain plover	MSCP	PT/CSC		No Known Occurrences

¹ Species covered in a conservation plan does not denote priority management area. MSCP = San Diego Multiple Species Conservation Program; MHCP = San Diego Multiple Habitat Conservation Program; NCP = proposed San Diego North County Plan.

² Federal/State Designation: FE = Federally Endangered; PT = Federally Proposed Threatened; BEA = Federally Protected under the Bald Eagle Protection Act of 1940, as amended; CE = CA State Endangered; CT = CA State Threatened; CSP = CA Specially Protected; CSC = CA Species of Special Concern; FP = CA Fully Protected Species.

³ MSP Management Categories are described in detail in Vol. 1, Sec. 2.0. Codes are as follows: SL = Species at risk of loss from MSPA; SO = Significant occurrence(s) at risk of loss from MSPA; SS = Species more stable but still requires species-specific management to persist in MSPA; VF = Species with limited distribution in the MSPA or needing specific vegetation characteristics requiring management; VG = Species not specifically managed for, but may benefit from vegetation management for VF species.

⁴ MSP species with management category changes from the 2013 MSP:

- *Arctostaphylos rainbowensis* changed from VG to VF in chaparral vegetation.
- *Cylindropuntia californica* var. *californica* changed from VG to VF in coastal sage scrub vegetation.
- *Ericameria palmeri* ssp. *palmeri* changed from VF riparian to VF coastal sage scrub vegetation.
- *Ferocactus viridescens* changed from VG to VF in coastal sage scrub vegetation.
- *Euphyes vestris harbisoni* was not included in the 2013 MSP as there was no information on its status. As information became available, it was evaluated as an SL species.
- *Panoquina errans* changed from VG to VF in salt marsh vegetation.
- *Gila orcuttii* changed from VG to SL.
- *Taricha torosa torosa* changed from VG to VF in chaparral, oak woodland, and grassland vegetation.

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- *Agelaius tricolor* changed from VF to SL.
- *Artemisiospiza belli belli* changed from VG to VF in chaparral vegetation.
- *Icteria virens* changed to VG to VF in riparian vegetation.
- *Sternula antillarum browni* changed from SS to SO.
- *Vireo bellii pusillus* changed from VF to SO.
- *Dipodomys stephensi* changed from VF to SO.
- *Lepus californicus bennettii* had grassland added to its VF vegetation category.
- *Odocoileus hemionus fuliginata* changed from VG to SS.
- *Puma concolor* changed from VG to SL.