

APPENDIX E.

Potential Presence of Special-status Wildlife in the Project Area

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The following list of special-status species was provided by the Lower Sonoran Field Office of the BLM. It is a compilation of species that must be addressed in environmental impact statement documents that are located within this field office. The “Species Occurrence within the Study Area” column of this table was completed by EPG (2009i), and serves as a tool for deciding which species should be addressed for the specific location and habitats present within this Project Area.

Table E.1. Potential Presence of Special-status Wildlife within the Project Area

Common Name	Scientific Name	Status*	Designated Critical Habitat	Habitat	Species Occurrence within the Study Area		
					Known	Potential	Reason for Exclusion
MAMMALS							
California Leaf-nosed Bat	<i>Macrotus californicus</i>	BLMS WSC	NA	Desertscrub with caves or mines for colonies	No	Foraging only	No suitable roosting habitat
Lesser Long-nosed Bat	<i>Leptonycteris (curasoae) yerbabuena</i>	E WSC	No	Desertscrub or grassland habitat to lower oak elevations where agaves and/or saguaros present as food sources; roosts in large colonies	No	None	Outside of the known range of the species
Fringed Myotis	<i>Myotis thysanodes</i>	BLMS	NA	Uses a variety of roost types, typically in oak and piñon elevations; roosts in small groups	No	None	No suitable roosting habitat, and outside of known range
Cave Myotis	<i>Myotis velifer</i>	BLMS	NA	Roosts in colonies in mines and caves at lower elevations within a couple miles of water	No	Foraging only	No suitable roosting habitat
Western Red Bat	<i>Lasiurus blossevillii</i>	BLMS WSC	NA	Riparian or encinal habitat at various elevations; roosts in large trees	No	Foraging only	No suitable roosting habitat
Western Yellow Bat	<i>Lasiurus xanthinus</i>	BLMS WSC	NA	Primarily associated with its preferred roost the desert fan palm at natural oases or in landscape situations; often near water; other records in Arizona and New Mexico from broad-leaf riparian habitats	No	Foraging only	No suitable roosting habitat
Allen's lappet-browed Bat	<i>Idionycteris phyllotis</i>	BLMS	NA	Mostly occurs in montane forested areas associated with cliffs, boulder piles, mines, or caves used as roosts for small groups	No	None	No suitable roosting habitat, and outside of known range

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Big Free-tailed Bat	<i>Nyctinomops macrotis</i>	BLMS	NA	Roosts in groups in crevices or rock shelters, usually in high cliffs	No	None	No suitable roosting habitat, and outside of known range
Pocketed Free-tailed Bat	<i>Nyctinomops femorosaccus</i>	BLMS	NA	Low desert habitats with rocky cliffs that provide roosting habitat for small colonies; human structures	No	Foraging only	No suitable roosting habitat
Greater Mastiff Bat	<i>Eumops perotis californicus</i>	BLMS	NA	Roost in groups in crevices and shallow caves on the sides of cliffs and high rock walls	No	Foraging only	No suitable roosting habitat
Spotted Bat	<i>Euderma maculatum</i>	BLMS WSC	NA	Roosts in crevices and caves in rocky cliffs from below sea level to pine forests.	No	Foraging Only	No suitable roosting habitat
Sonoran Pronghorn	<i>Antilocapra americana sonoriensis</i>	E WSC	No	Desertscrub habitat of alluvial valleys in southern Arizona and northern Mexico	No	None	No suitable habitat, and outside of known range
BIRDS							
Osprey	<i>Pandion haliaetus</i>	BLMS WSC	NA	Nests near water; feeds primarily on fish	No	None	No suitable habitat
Ferruginous Hawk	<i>Buteo regalis</i>	BLMS WSC	NA	Open grasslands, prairies, and desertscrub.	No	Yes	Not excluded
Peregrine Falcon	<i>Falco peregrinus anatum</i>	BLMS WSC BCC	NA	Open habitats in rugged country, usually near lakes, rivers, or streams and with rocky outcrops or cliffs nearby	No	Low	Not excluded
Yuma Clapper Rail	<i>Rallus longirostris yumanensis</i>	E WSC	No	Tall dense vegetation associated with marshes, rivers, and lakes	No	None	No suitable habitat, and outside of known range
Yellow-billed Cuckoo	<i>Coccyzus americanus</i>	C WSC BCC	NA	Below 6,500 feet elevation in large blocks of gallery riparian woodlands with cottonwood, willow, or salt cedar along streams and rivers, such as the Colorado River	No	None	No suitable habitat
Elf Owl	<i>Micrathene whitneyi</i>	BCC	NA	Nests in tree holes and columnar cacti in desert into middle-elevation woodlands	No	Moderate	Not excluded

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Cactus Ferruginous Pygmy-owl	<i>Glaucidium brasilianum cactorum</i>	DP WSC	NA	Sonoran desertscrub and semi-desert grassland; occasionally in riparian woodland or suburban developments retaining adequate habitat elements	No	None	Outside of the known range of the species
Western Burrowing Owl	<i>Athene cunicularia hypugaea</i>	BLMS BCC	NA	Open areas of low slope where low vegetation provides good visibility. Usually associated with colonial burrowing rodents	Yes	Present	Not excluded
Costa's Hummingbird	<i>Calypte costae</i>	BCC	NA	Desertscrub, thornscrub, and other arid brushy areas	No	High	Not excluded
Gila Woodpecker	<i>Melanerpes uropygialis</i>	BCC	NA	Sonoran desertscrub and riparian woodlands	No	High	Not excluded
Gilded Flicker	<i>Colaptes chrysoides</i>	BCC	NA	Low-elevation Sonoran desertscrub with saguaros present for nest cavities	No	High	Not excluded
Southwestern Willow Flycatcher	<i>Empidonax traillii extimus</i>	E WSC	Yes	Below 8,500 feet elevation in cottonwood/willow and salt cedar communities along rivers and streams	No	None	No suitable habitat
Loggerhead Shrike	<i>Lanius ludovicianus</i>	BLMS BCC	NA	Open, brushy areas with scattered trees used for hunting perches	Yes	Present	Not excluded
Gray Vireo	<i>Vireo vicinior</i>	BCC	NA	Mid-elevation brush and juniper woodlands	No	None	No suitable habitat
Veery	<i>Cathus fuscenscens</i>	BCC	NA	Damp, deciduous forest or riparian habitats	No	None	No suitable habitat, and outside of known range
Grey catbird	<i>Dumetella carolinensis</i>	WSC	NA	Wooded thickets	No	None	No suitable habitat, and outside of known range
Crissal Thrasher	<i>Toxostoma crissale</i>	BCC	NA	Dense vegetation associated with desert washes	No	Very Low	Not excluded
LeConte's Thrasher	<i>Toxostoma lecontei</i>	BCC	NA	Very low, hot, open desertscrub with scattered bushes or cholla	No	Moderate	Not excluded
Lucy's Warbler	<i>Vermivora luciae</i>	BCC	NA	Brushy washes and riparian areas within desertscrub	No	Moderate	Not excluded

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Yellow Warbler	<i>Dendroica petechia</i>	BCC	NA	Riparian woodlands and marshes in the Southwest	No	None	No suitable habitat
Black-chinned Sparrow	<i>Spizella atrogularis</i>	BCC	NA	Arid lands in rocky, brushy areas	No	None	No suitable habitat
Chestnut-collared Longspur	<i>Calcarius ornatus</i>	BCC	NA	Winters in the southwest in grassland and desert habitats	No	Low	Not excluded
Lawrence's Goldfinch	<i>Carduelis lawrencei</i>	BCC	NA	Winters in open, brushy deserts and grasslands	No	Moderate	Not excluded
AMPHIBIANS							
Great Plains Narrow-mouthed Toad	<i>Gastrophryne olivacea</i>	BLMS WSC	NA	Occurs at a variety of water sources from Lower Colorado River subdivision up to Madrean Evergreen Woodland	No	None	No suitable habitat, and outside of known range
Great Plains Toad	<i>Bufo cognatus</i>	BLMS	NA	Inhabits flats and low valleys from Lower Colorado Subdivision Sonoran Desert up to grassland elevations	No	Moderate	Not excluded
Sonoran Green Toad	<i>Bufo retiformis</i>	BLMS WSC	NA	Inhabits valley flats and low bajadas from Lower Colorado Subdivision Sonoran Desert up to Semidesert Grassland elevations; not known to occur north of I-8 in the Vekol Valley	No	None	Outside of the known range of the species
Lowland Burrowing Treefrog	<i>Smilisca (Pternohyla) fodiens</i>	BLMS WSC	NA	Associated with pools in Semidesert Grassland or mesquite-lined washes; not known to occur north of I-8 in the Vekol Valley	No	None	Outside of the known range of the species
REPTILES							
Sonoran Desert Tortoise	<i>Gopherus agassizii</i>	BLMS WSC	NA	Rocky foothills in desertscrub and Semidesert Grassland habitats	No	Very Low	Not excluded
Canyon Spotted Whiptail	<i>Aspidoscelis burti</i>	BLMS	NA	Scrub environments of canyons and foothills; Arizona Upland Subdivision of the Sonoran desert up to lower Madrean oak woodland	No	None	No suitable habitat

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Arizona Chuckwalla	<i>Sauromalus ater</i> (Arizona population)	BLMS	NA	Rocky outcrops, boulder fields, and other rocky terrains with crevices for shelter in Mohave, Sonoran, and Great Basin Desertscrub habitats; occasionally occurs in interior chaparral or semidesert grassland habitats.	No	None	No suitable habitat
Banded Gila Monster	<i>Heloderma suspectum cinctum</i>	BLMS	NA	Steep rocky terrain; along washes; primarily in desert scrub, but also in other habitats up to chaparral elevations	No	None	Outside of the known range of the subspecies
Desert Rosy Boa	<i>Charina trivirgata gracia</i>	BLMS	NA	Rocky outcrops of foothills or desert mountains	No	None	Outside of the known range of the species
Mexican Rosy Boa	<i>Charina trivirgata trivirgata</i>	BLMS	NA	Rocky outcrops of foothills or desert mountains	No	None	No suitable habitat
Tucson Shovelnose Snake	<i>Chionactis occipitalis klauberi</i>	BLMS	NA	Lower Sonoran life zone with fine, sandy soils	No	None	No suitable habitat
FISH							
Longfin Dace	<i>Agosia chrysogaster</i>	BLMS	NA	A wide range of habitats, from sand-bottomed desert streams to cool, clear creeks in the lower mountains	No	None	No suitable habitat, and outside of known range
Desert Sucker	<i>Catostomus clarki</i>	BLMS	NA	Inhabits small to moderately large streams with riffles and pools	No	None	No suitable habitat, and outside of known range
Desert Pupfish	<i>Cyprinodon macularius</i>	E WSC	Yes	Formerly from below sea level to 4,950 feet elevation, along margins of small to large streams and isolated springs of lower Gila River basin where it is endemic. Tolerates saline and warm water Critical habitat at Quitobaquito Springs, Pima County, Arizona, and Imperial County, California	No	None	No suitable habitat, and outside of known range

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Gila Topminnow	<i>Poeciliopsis occidentalis</i>	E WSC	No	Below 4,500 feet elevation, formerly in large river backwaters; now only in small streams, springs, cienegas, and vegetated shallows in Colorado River basin where it is endemic. Occurs near surface of shallow water. Feeds on small invertebrates, plants, and sometimes detritus	No	None	No suitable habitat, and outside of known range
INVERTEBRATES							
Maricopa Tiger Beetle	<i>Cicindela oregona maricopa</i>	BLMS	NA	Sandy to rocky stream banks; seeps and reservoir banks	No	None	No suitable habitat, and outside of known range
MacNeill sooty wing skipper	<i>Hesperopsis graciellae</i>	BLMS	NA	Associated with big saltbush (<i>Atriplex lentiformis</i>) along waterways of the Lower Colorado River watershed, including Gila River	No	None	No suitable habitat

*** Status Acronym Legend:**

Federal (ESA): E = Endangered, T = Threatened, C = Candidate, DM = Delisted Taxon – Recovered, DP = Delisted Taxon – Petitioned for re-listing

DPS = Distinct Population Segment, EXPN = Non-essential experimental population

BLM: BLMS = BLM Sensitive Species

AZGFD: WSC = Wildlife of Special Concern, GAME = big or small game species

NA = Not applicable; not a federally listed species