

APPENDIX F-1
Wildlife Species Observed

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Wildlife Species Observed

AMPHIBIAN

FROGS

HYLIDAE—TREEFROGS

¹ *Pseudacris regilla*—Pacific treefrog

TOADS

BUFONIDAE—TRUE TOADS

¹ *Anaxyrus boreas*—western toad

PELOBATIDAE—SPADEFEET

¹ *Spea hammondi*—western spadefoot

BIRD

BLACKBIRDS, ORIOLES AND ALLIES

ICTERIDAE—BLACKBIRDS

Agelaius phoeniceus—red-winged blackbird

Euphagus cyanocephalus—Brewer's blackbird

Icterus parisorum—Scott's oriole

Sturnella neglecta—western meadowlark

* *Molothrus ater*—brown-headed cowbird

¹ *Agelaius tricolor*—tricolored blackbird

¹ *Icterus bullockii*—Bullock's oriole

¹ *Icterus cucullatus*—hooded oriole

¹ *Quiscalus mexicanus*—great-tailed grackle

BUSHTITS

AEGITHALIDAE—LONG-TAILED TITS AND BUSHTITS

Psaltriparus minimus—bushtit

CARDINALS, GROSBEAKS AND ALLIES

CARDINALIDAE—CARDINALS AND ALLIES

Pheucticus melanocephalus—black-headed grosbeak

Piranga ludoviciana—western tanager

¹ *Passerina amoena*—lazuli bunting

APPENDIX F-1 (Continued)

- ¹ *Passerina caerulea*—blue grosbeak

FALCONS

FALCONIDAE—CARACARAS AND FALCONS

- Falco columbarius*—merlin
Falco mexicanus—prairie falcon
Falco peregrinus anatum—American peregrine falcon
Falco sparverius—American kestrel

FINCHES

FRINGILLIDAE—FRINGILLINE AND CARDUELINE FINCHES AND ALLIES

- Haemorhous cassinii*—Cassin’s finch
Haemorhous mexicanus—house finch
Spinus lawrencei—Lawrence’s goldfinch
Spinus pinus—pine siskin
Spinus psaltria—lesser goldfinch
No scientific name—finch sp.
¹ *Spinus tristis*—American goldfinch

FLYCATCHERS

TYRANNIDAE—TYRANT FLYCATCHERS

- Myiarchus cinerascens*—ash-throated flycatcher
Sayornis nigricans—black phoebe
Sayornis saya—Say’s phoebe
Tyrannus verticalis—western kingbird
Tyrannus vociferans—Cassin’s kingbird
Tyrannus sp.—no common name
¹ *Contopus cooperi*—olive-sided flycatcher
¹ *Contopus sordidulus*—western wood-pewee
¹ *Empidonax difficilis*—Pacific-slope flycatcher
¹ *Empidonax hammondii*—Hammond’s flycatcher
¹ *Empidonax traillii*—willow flycatcher

GOATSUCKERS

CAPRIMULGIDAE—GOATSUCKERS

- Chordeiles acutipennis*—lesser nighthawk
¹ *Phalaenoptilus nuttallii*—common poorwill

APPENDIX F-1 (Continued)

GREBES

PODICIPEDIDAE—GREBES

- ¹ *Podiceps nigricollis*—eared grebe

HAWKS

ACCIPITRIDAE—HAWKS, KITES, EAGLES, AND ALLIES

- Accipiter cooperii*—Cooper’s hawk
Accipiter striatus—sharp-shinned hawk
Aquila chrysaetos—golden eagle
Buteo jamaicensis—red-tailed hawk
Buteo lineatus—red-shouldered hawk
Buteo regalis—ferruginous hawk
Circus hudsonius—northern harrier
Accipiter sp.—no common name
Parabuteo unicinctus—Harris’s hawk
¹ *Buteo platypterus*—broad-winged hawk
¹ *Buteo swainsoni*—Swainson’s hawk
¹ *Elanus leucurus*—white-tailed kite
¹ *Pandion haliaetus*—osprey

HERONS AND BITTERNS

ARDEIDAE—HERONS, BITTERNS, AND ALLIES

- Ardea alba*—great egret
¹ *Ardea herodias*—great blue heron

HUMMINGBIRDS

TROCHILIDAE—HUMMINGBIRDS

- Calypte anna*—Anna’s hummingbird
Calypte costae—Costa’s hummingbird
Selasphorus rufus—rufous hummingbird
Selasphorus sasin—Allen’s hummingbird
No scientific name—hummingbird sp.
¹ *Archilochus alexandri*—black-chinned hummingbird

JAYS, MAGPIES AND CROWS

CORVIDAE—CROWS AND JAYS

- Aphelocoma californica*—California scrub-jay

APPENDIX F-1 (Continued)

Corvus brachyrhynchos—American crow

Corvus corax—common raven

Cyanocitta stelleri—Steller's jay

Pica nuttalli—Yellow-billed magpie

¹ *Gymnorhinus cyanocephalus*—pinyon jay

KINGFISHERS

ALCEDINIDAE—KINGFISHERS

¹ *Megaceryle alcyon*—belted kingfisher

KINGLETS

REGULIDAE—KINGLETS

Regulus calendula—ruby-crowned kinglet

LARKS

ALAUDIDAE—LARKS

Eremophila alpestris—horned lark

MOCKINGBIRDS AND THRASHERS

MIMIDAE—MOCKINGBIRDS AND THRASHERS

Mimus polyglottos—northern mockingbird

Oreoscoptes montanus—sage thrasher

Toxostoma redivivum—California thrasher

NEW WORLD QUAIL

ODONTOPHORIDAE—NEW WORLD QUAIL

Callipepla californica—California quail

¹ *Oreortyx pictus*—mountain quail

NEW WORLD VULTURES

CATHARTIDAE—NEW WORLD VULTURES

Cathartes aura—turkey vulture

NUTHATCHES

SITTIDAE—NUTHATCHES

Sitta carolinensis—white-breasted nuthatch

APPENDIX F-1 (Continued)

OLD WORLD SPARROWS

PASSERIDAE—OLD WORLD SPARROWS

- * *Passer domesticus*—house sparrow

OLD WORLD WARBLERS AND GNATCATCHERS

SYLVIIDAE—SYLVIID WARBLERS

- Polioptila caerulea*—blue-gray gnatcatcher

OWLS

TYTONIDAE—BARN OWLS

- ¹ *Tyto alba*—barn owl

STRIGIDAE—TYPICAL OWLS

- Bubo virginianus*—great horned owl
- ¹ *Asio otus*—long-eared owl
- ¹ *Megascops kennicottii*—western screech-owl

PIGEONS AND DOVES

COLUMBIDAE—PIGEONS AND DOVES

- Zenaida macroura*—mourning dove
- * *Columba livia*—rock pigeon (rock dove)
- *¹ *Streptopelia decaocto*—Eurasian collared-dove
- ¹ *Zenaida asiatica*—white-winged dove

QUAILS, PHEASANTS AND RELATIVES

PHASIANIDAE—PARTRIDGES, GROUSE, TURKEYS, AND OLD WORLD QUAIL

- ¹ *Meleagris gallopavo*—wild turkey

RAILS, GALLINULES AND COOTS

RALLIDAE—RAILS, GALLINULES, AND COOTS

- ¹ *Fulica americana*—American coot
- ¹ *Porzana carolina*—sora

ROADRUNNERS AND CUCKOOS

CUCULIDAE—CUCKOOS, ROADRUNNERS, AND ANIS

- Geococcyx californianus*—greater roadrunner

APPENDIX F-1 (Continued)

SHOREBIRDS

CHARADRIIDAE—LAPWINGS AND PLOVERS

Charadrius vociferus—killdeer

SCOLOPACIDAE—SANDPIPERS, PHALAROPES, AND ALLIES

¹ *Numenius phaeopus*—whimbrel

SHRIKES

LANIIDAE—SHRIKES

Lanius ludovicianus—loggerhead shrike

SILKY FLYCATCHERS

PTILOGONATIDAE—SILKY-FLYCATCHERS

Phainopepla nitens—phainopepla

STARLINGS AND ALLIES

STURNIDAE—STARLINGS

* *Sturnus vulgaris*—European starling

SWALLOWS

HIRUNDINIDAE—SWALLOWS

Hirundo rustica—barn swallow

Petrochelidon pyrrhonota—cliff swallow

Stelgidopteryx serripennis—northern rough-winged swallow

No scientific name—swallow sp.

¹ *Riparia riparia*—bank swallow

¹ *Tachycineta bicolor*—tree swallow

¹ *Tachycineta thalassina*—violet-green swallow

SWIFTS

APODIDAE—SWIFTS

Aeronautes saxatalis—white-throated swift

¹ *Chaetura vauxi*—Vaux's swift

¹ *Cypseloides niger*—black swift

APPENDIX F-1 (Continued)

TERNS AND GULLS

LARIDAE—GULLS, TERNS, AND SKIMMERS

- ¹ *Larus californicus*—California gull

THRUSHES

TURDIDAE—THRUSHES

- Catharus ustulatus*—Swainson's thrush
Sialia mexicana—western bluebird
Turdus migratorius—American robin
¹ *Catharus guttatus*—hermit thrush

TITMICE

PARIDAE—CHICKADEES AND TITMICE

- Baeolophus inornatus*—oak titmouse

VERDIN

REMIZIDAE—PENDULINE TITS AND VERDINS

- ¹ *Auriparus flaviceps*—verdin

VIREOS

VIREONIDAE—VIREOS

- Vireo huttoni*—Hutton's vireo
¹ *Vireo flavifrons*—yellow-throated vireo
¹ *Vireo gilvus*—warbling vireo

WAGTAILS AND PIPITS

MOTACILLIDAE—WAGTAILS AND PIPITS

- ¹ *Anthus rubescens*—American pipit

WATERFOWL

ANATIDAE—DUCKS, GEESE, AND SWANS

- Anas platyrhynchos*—mallard
Melanitta perspicillata—surf scoter
¹ *Aythya collaris*—ring-necked duck
¹ *Branta bernicla*—brant
¹ *Mareca americana*—American wigeon

APPENDIX F-1 (Continued)

- ¹ *Mareca strepera*—gadwall
- ¹ *Spatula clypeata*—northern shoveler

WAXWINGS

BOMBYCILLIDAE—WAXWINGS

- ¹ *Bombcilla cedrorum*—cedar waxwing

WOOD WARBLERS AND ALLIES

PARULIDAE—WOOD-WARBLERS

- Cardellina pusilla*—Wilson’s warbler
- Geothlypis tolmiei*—MacGillivray’s warbler
- Geothlypis trichas*—common yellowthroat
- Oreothlypis celata*—orange-crowned warbler
- Setophaga coronata*—yellow-rumped warbler
- Setophaga nigrescens*—black-throated gray warbler
- Setophaga occidentalis*—hermit warbler
- Setophaga townsendi*—Townsend’s warbler
- No scientific name—warbler sp.
- ¹ *Oreothlypis ruficapilla*—Nashville warbler
- ¹ *Setophaga palmarum*—palm warbler
- ¹ *Setophaga petechia*—yellow warbler

WOODPECKERS

PICIDAE—WOODPECKERS AND ALLIES

- Colaptes auratus*—northern flicker
- Melanerpes formicivorus*—acorn woodpecker
- Dryobates nuttallii*—Nuttall’s woodpecker
- Dryobates scalaris*—ladder-backed woodpecker
- No scientific name—woodpecker sp.
- ¹ *Melanerpes lewis*—Lewis’s woodpecker
- ¹ *Dryobates villosus*—hairy woodpecker
- ¹ *Sphyrapicus nuchalis*—red-naped sapsucker

WRENS

TROGLODYTIDAE—WRENS

- Campylorhynchus brunneicapillus*—cactus wren
- Catherpes mexicanus*—canyon wren

APPENDIX F-1 (Continued)

Salpinctes obsoletus—rock wren
Thryomanes bewickii—Bewick’s wren
Troglodytes aedon—house wren
No scientific name—wren sp.
¹ *Cistothorus palustris*—marsh wren

WRENTITS

TIMALIIDAE—BABBLERS

Chamaea fasciata—wrentit

NEW WORLD SPARROWS

PASSERELLIDAE—NEW WORLD SPARROWS

Amphispiza bilineata—black-throated sparrow
Artemisiospiza belli—Bell’s sparrow
Artemisiospiza nevadensis—sagebrush sparrow
Junco hyemalis—dark-eyed junco
Melospiza melodia—song sparrow
Melospiza crissalis—California towhee
Pipilo maculatus—spotted towhee
Spizella atrogularis—black-chinned sparrow
Spizella passerina—chipping sparrow
Zonotrichia leucophrys—white-crowned sparrow
¹ *Aimophila ruficeps*—rufous-crowned sparrow
¹ *Chondestes grammacus*—lark sparrow
¹ *Melospiza lincolni*—Lincoln’s sparrow
¹ *Passerculus sandwichensis*—savannah sparrow
¹ *Passerella iliaca*—fox sparrow
¹ *Pipilo chlorurus*—green-tailed towhee
¹ *Pooecetes gramineus*—vesper sparrow
¹ *Spizella breweri*—Brewer’s sparrow
¹ *Zonotrichia atricapilla*—golden-crowned sparrow

INVERTEBRATE

BUTTERFLIES

LYCAENIDAE—BLUES, HAIRSTREAKS, AND COPPERS

- Atlides halesus*—great purple hairstreak
- Brephidium exile*—western pygmy-blue
- Callophrys augustinus*—brown elfin
- Callophrys dumetorum*—bramble hairstreak
- Celistrina ladon [argiolus] echo*—echo blue
- Euphilotes battoides bernardino*—Bernardino square-spotted blue
- Everes amyntula*—western tailed-blue
- Glaucopsyche lygdamus australis*—southern blue
- Hemiargus ceraunus gyas*—Edward’s blue
- Icaricia acmon acmon*—Acmon blue
- Leptotes marina*—marine blue
- Lycaeides melissa*—Melissa blue
- Lycaena gorgon*—Gorgon copper
- Philotes sonorensis*—Sonoran blue
- Satyrium saepium*—hedgerow hairstreak
- Strymon melinus*—gray hairstreak
- ¹ *Glaucopsyche piasus*—Arrowhead blue
- ¹ *Lycaena xanthoides*—great copper
- ¹ *Plebejus lupini*—lupine blue
- ¹ *Satyrium tetra*—mountain mahogany hairstreak

NYMPHALIDAE—BRUSH-FOOTED BUTTERFLIES

- Adelpha bredowii*—California sister
- Chlosyne californica*—California patch
- Chlosyne gabbii*—Gabb’s checkerspot
- Coenonympha tullia californica*—common california ringlet
- Danaus gilippus*—queen
- Euphydryas chalcedona chalcedona*—Chalcedon variable checkerspot
- Euphydryas chalcedona*—variable checkerspot
- Junonia coenia*—common buckeye
- Limenitis lorquini*—Lorquin’s admiral
- Nymphalis antiopa*—mourning cloak
- Nymphalis californica*—California tortoiseshell
- Phyciodes mylitta*—Mylitta crescent
- Vanessa annabella*—west coast lady
- Vanessa atalanta*—red admiral

APPENDIX F-1 (Continued)

- Vanessa cardui*—painted lady
1 *Agraulis vanillae*—Gulf fritillary
1 *Euphydryas editha quino*—quino checkerspot butterfly
1 *Euptoieta claudia*—variegated fritillary
1 *Vanessa virginiensis*—American lady

RIODINIDAE—METALMARKS

Apodemia mormo virgulti—Behr’s metalmark

HESPERIIDAE—SKIPPERS

- Copaeodes aurantiacus*—orange skipperling
Erynnis afranius—Afranius duskywing
Erynnis brizo—sleepy duskywing
Erynnis funeralis—funereal duskywing
Erynnis propertius—Propertius duskywing
Hylephila phyleus—fiery skipper
Pholisora catullus—common sootywing
1 *Atalopedes campestris*—sachem
1 *Erynnis pacuvius*—Pacuvius duskywing
1 *Erynnis tristis*—mournful duskywing
1 *Heliopetes ericetorum*—northern white-skipper
1 *Hesperia juba*—Juba skipper
1 *Ochlodes sylvanoides*—woodland skipper
1 *Pyrgus scriptura*—small checkered-skipper

PAPILIONIDAE—SWALLOWTAILS

- Papilio eurymedon*—pale swallowtail
Papilio rutulus—western tiger swallowtail
Papilio zelicaon—anise swallowtail
1 *Papilio polyxenes coloro*—desert black swallowtail1

PIERIDAE—WHITES AND SULFURS

- Anthocharis cethura*—desert orangetip
Anthocharis sara sara—Pacific sara orangetip
Colias eurytheme—orange sulphur
Colias harfordii—Harford’s sulphur
Euchloe hyantis lotta—desert pearly marble
Phoebis sennae—cloudless sulphur
Pieris rapae—cabbage white
Pontia protodice—checkered white
Pontia sisymbrii—spring white

APPENDIX F-1 (Continued)

- ¹ *Anthocharis lanceolata*—gray marble
- ¹ *Colias eurydice*—California dogface
- ¹ *Eurema nicippe*—sleepy orange
- ¹ *Nathalis iole*—dainty sulphur
- ¹ *Pontia beckerii*—Becker's white

MOTHS

SPHINGIDAE—HAWK MOTHS

- ¹ *Hyles lineata*—white-lined sphinx
- ¹ *Hemaris diffinis*—snowberry clearwing
- ¹ *Euproserpinus phaeton*—Phaeton primrose sphinx moth

NOCTUIDAE—OWLET MOTHS

- ¹ *Alypia ridingsii*—mountain forester
- ¹ *Heliothis belladonna*—no common name

EREBIDAE—MOTHS

- ¹ *Drasteria tejonica*—no common name
- ¹ *Drasteria edwardsii*—no common name
- ¹ *Drasteria biformata*—no common name
- ¹ *Litocala sexsignata*—litocala moth
- ¹ *Leptarctia californiae*—no common name

ADELINAE—FAIRY MOTHS

- ¹ *Adela* sp.—no common name

MAMMAL

BATS

VESPERTILIONIDAE—EVENING BATS

- Antrozous pallidus*—pallid bat
- Corynorhinus townsendii*—Townsend's big-eared bat
- Eptesicus fuscus*—big brown bat
- Lasiurus cinereus*—hoary bat
- Myotis californicus*—Californian myotis
- Myotis ciliolabrum*—western small-footed myotis
- Myotis yumanensis*—Yuma myotis
- ¹ *Myotis* sp.—myotis
- ¹ *Myotis evotis*—long-eared myotis
- Myotis thysanodes*—fringed myotis
- Parastrellus hesperus*—canyon bat

APPENDIX F-1 (Continued)

Lasiurus xanthinus—western yellow bat

MOLOSSIDAE—FREE-TAILED BATS

Eumops perotis californicus—western mastiff bat

Nyctinomops femorosaccus—pocketed free-tailed bat

Nyctinomops macrotis—big free-tailed bat

Tadarida basiliensis—Brazilian free-tailed bat

CANIDS

CANIDAE—WOLVES AND FOXES

Canis latrans—coyote

¹ *Urocyon cinereoargenteus*—gray fox

CATS

FELIDAE—CATS

Lynx rufus—bobcat

¹ *Puma concolor*—cougar

DOMESTIC

CANIDAE—WOLVES AND FOXES

^{*1} *Canis lupus familiaris*—domestic dog

HARES AND RABBITS

LEPORIDAE—HARES AND RABBITS

Lepus californicus—black-tailed jackrabbit

Sylvilagus audubonii—desert cottontail

Sylvilagus bachmani—brush rabbit

¹ *Lepus californicus bennettii*—San Diego black-tailed jackrabbit

KANGAROO RATS

HETEROMYIDAE—POCKET MICE AND KANGAROO RATS

¹ *Dipodomys* sp.—kangaroo rat

POCKET GOPHERS

GEOMYIDAE—POCKET GOPHERS

Thomomys bottae—Botta's pocket gopher

APPENDIX F-1 (Continued)

SQUIRRELS

SCIURIDAE—SQUIRRELS

- Spermophilus (Otospermophilus) beecheyi*—California ground squirrel
Tamias merriami—Merriam's chipmunk

UNGULATES

CERVIDAE—DEERS

- Odocoileus hemionus*—mule deer

RATS, MICE, AND VOLES

CRICETIDAE—RATS, MICE, AND VOLES

- ¹ *Neotoma* sp.—woodrat
¹ *Peromyscus* sp.—mouse

REPTILE

LIZARDS

PHRYNOSOMATIDAE—IGUANID LIZARDS

- Phrynosoma blainvillii*—Blainville's horned lizard
Sceloporus occidentalis—western fence lizard
Sceloporus orcutti—granite spiny lizard
Uta stansburiana—common side-blotched lizard

SCINCIDAE—SKINKS

- Plestiodon skiltonianus*—western skink

TEIIDAE—WHIPTAIL LIZARDS

- Aspidoscelis tigris stejnegeri*—San Diegan tiger whiptail
Aspidoscelis tigris—tiger whiptail

XANTUSIIDAE—NIGHT LIZARDS

- ¹ *Xantusia henshawi*—granite night lizard

SNAKES

COLUBRIDAE—COLUBRID SNAKES

- Pituophis catenifer*—gophersnake
Rhinocheilus lecontei—long-nosed snake
¹ *Diadophis punctatus*—ring-necked snake

APPENDIX F-1 (Continued)

- ¹ *Lampropeltis californiae*—California kingsnake
- ¹ *Salvadora hexalepis*—western patch-nosed snake

BOIDAE—BOAS

Lichanura trivirgata—rosy boa

VIPERIDAE—VIPERS

- Crotalus oreganus*—western rattlesnake
- ¹ *Crotalus mitchellii*—speckled rattlesnake

- * Non-native species
- ¹ Only recorded in Shu’luuk report (AECOM 2012)

APPENDIX F-1 (Continued)

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