

LITERATURE CITED

- Audubon Website. <http://audubon2.org/webapp/watchlist/viewSpecies>. 9/1/2005.
- Barton, D.C., K.E. Lindquist, R.W. Henry III, and L.M. Luna Mendoza. 2004. Landbird and waterbird notes from Isla Guadalupe, Mexico. *Western Birds* 35(4):186-196.
- Brown, D.E. (ed.). 1994. *Biotic Communities Southwestern United States and Northwestern Mexico*. University of Utah Press, Salt Lake City, UT. 342pp.
- CalPIF (California Partners in Flight). 2002. Version 2.0. The oak woodland bird conservation plan: a strategy for protecting and managing oak woodland habitats and associated birds in California (S. Zack, lead author). Point Reyes Bird Observatory, Stinson Beach, CA. <http://www.probo.org/calfpif/plans.html>.
- CalPIF (California Partners in Flight). 2004. Version 2.0. The Coastal Scrub and Chaparral Bird Conservation Plan: a Strategy for Protecting and managing Coastal Scrub and Chaparral Habitats and Associated Birds in California (J. Lovio, lead author). Point Reyes Bird Observatory, Stinson Beach, CA. <http://www.probo.org/calfpif/plans.html>.
- Collins, P.W. 1999. Rufous-crowned Sparrow (*Aimophila ruficeps*). *In* The Birds of North American, No. 472 (A. Poole and F. Gill, eds.). The Birds of North America, Inc., Philadelphia, PA.
- Corman, T.E. and C. Wise-Gervais. 2005. *Arizona Breeding Bird Atlas*. University of New Mexico Press, Albuquerque, NM.
- Dugger, B. D., and K. M. Dugger. 2002. Long-billed Curlew (*Numenius americanus*). *In* The Birds of North American, No. 628 (A. Poole and F. Gill, eds.). The Birds of North America, Inc., Philadelphia, PA.
- Howell, S.N.G. and S. Webb. 1995. *A Guide to the Birds of Mexico and Northern Central America*. Oxford University Press. New York. 851pp.
- Latta, M.J., C.J. Beardmore, and T.E. Corman. 1999. *Arizona Partners in flight bird Conservation Plan. Version 1.0. Nongame and Endangered Wildlife Program Technical Report 142*. Arizona Game and Fish Department, Phoenix, AZ.
- Massey, B.W. and R. Zembal. 2002. *Guide to the Birds of the Salton Sea*. Arizona-Sonora Desert Museum Press. Tucson, Arizona. 300pp.
- Mills, K.L., Sydeman, W.J. and Hodum, P.J. (Eds.), 2005. *The California Current Marine Bird Conservation Plan, v.1*, PRBO Conservation Science, Stinson Beach, CA.

Mitchell, C.D. 1994. Trumpeter Swan. *In* The Birds of North America, No. 105 (A. Poole and F. Gill, eds). The Birds of North America, Inc., Philadelphia, PA.

Monson, G. and A.R. Phillips. 1981. Annotated Checklist of the Birds of Arizona. Univ. of Arizona Press. Tucson, Arizona. 240pp.

Monterrubio-Rico, T. and E. Enkerlin-Hoeflich. 2004. Present use and characteristics of Thick-billed Parrot nest sites in northwestern Mexico. *J. Field Ornithol.* 75(1):96-103.

North American Waterfowl Management Plan, Plan Committee. 2004. North American Waterfowl Management Plan 2004. Implementation Framework: Strengthening the Biological Foundation.

Canadian Wildlife Service, U.S. Fish and Wildlife Service, Secretaria de Medio Ambiente y Recursos Naturales, 106 pp.

RHJV (Riparian Habitat Joint Venture). 2004. Version 2.0. The riparian bird conservation plan: a strategy for reversing the decline of riparian associated birds in California. California Partners in Flight. <http://www.prbo.org/calpif/pdfs/riparian.v-2.pdf>.

Rich, T.D., C.J. Beardmore, H. Berlanga, P.J. Blancher, N.S.W. Bradstreet, G.S. Butcher, D.W. Demarest, E.H. Dunn, W.C. Hunter, E.E. Inigo-Elias, J.A. Kennedy, A. M. Martel, A.O. Panjabi, D.N. Pashley, K.V. Rosenberg, C.M. Rustay, J.S. Wendt, T.C. Will. 2004. Partners in Flight North American Landbird Conservation Plan. Cornell Lab of Ornithology. Ithaca, NY.

Small, A. 1994. California Birds: Their Status and Distribution. Ibis Publishing Co., Vista, CA.

Skeel, M.A., and E.P. Mallory. 1996. Whimbrel (*Numenius phaeopus*). *In* The Birds of North America, No. 219 (A. Poole and F. Gill, eds.). The Academy of Natural Sciences, Philadelphia, PA, and The American Ornithologists' Union, Washington, D.C.

Ybarra, G. 2004. Prioridades de Conservación para el Golfo de California. World Wildlife Fund México, Program Golfo de California. TSN comunicación, Guadalajara, Jalisco.

APPENDICES

APPENDIX A. List of regularly occurring (RD>1) avian species and subspecies found in the Sonoran Joint Venture area.

The following is a list of all regularly occurring (i.e., RD>1) avian species and subspecies in the SJV area. For complete scores and sources for these species, contact Carol Beardmore (carol_beardmore@fws.gov). Arizona Game and Fish Department's Species of Greatest Conservation Need (X) are shown in same column as the U.S. Fish and Wildlife Service's Focal Species (FS). The four right columns correspond to the Regional chapters in this Plan (CC=Continental Concern Species, RC=Regional Concern Species, and SS=Stewardship Responsibility Species).

Snaou7	Cnaou7	AGFD/BCC (X/FS)	Arid Borderlands	Californian Coasts and Mountains	Mexican Highlands	Pacific Lowlands
Crypturellus cinnamomeus	Thicket Tinamou					RC
Dendrocygna autumnalis	Black-bellied Whistling-Duck	X				
Dendrocygna bicolor	Fulvous Whistling- Duck		RC			RC
Anser albifrons	Greater White- fronted Goose	X				
Chen caerulescens	Snow Goose	X	SS			
Chen caerulescens	Snow Goose (Lesser)	FS	RC			RC
Chen rossii	Ross's Goose	X				
Branta hutchinsii	Cackling Goose	X				
Branta hutchinsii leucopaeia	Cackling "Aleutian" Goose					
Branta canadensis	Canada Goose	X				
Branta bernicla	Brant	FS	CC	CC		CC
Cairina moschata	Muscovy Duck					CC
Aix sponsa	Wood Duck	X/FS				
Anas strepera	Gadwall	X	RC			RC
Anas penelope	Eurasian Wigeon					
Anas americana	American Wigeon	X/FS		RC		
Anas platyrhynchos	Mallard	X/FS	CC	CC	CC	CC
Anas platyrhynchos diazi	"Mexican" Duck					
Anas discors	Blue-winged Teal	XX	RC			RC

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Anas cyanoptera	Cinnamon Teal		RC	RC		RC
Anas clypeata	Northern Shoveler	X		RC		RC
Anas acuta	Northern Pintail	X/FS	CC	CC	CC	CC
Anas crecca	Green-winged Teal	X				RC
Aythya valisineria	Canvasback	X	RC			RC
Aythya americana	Redhead	X	RC			RC
Aythya collaris	Ring-necked Duck	X	RC			RC
Aythya marila	Greater Scaup	X/FS		RC		
Aythya affinis	Lesser Scaup	X/FS	CC	CC	CC	CC
Melanitta perspicillata	Surf Scoter	X/FS	CC	CC		
Melanitta fusca	White-winged Scoter	FS		CC		
Melanitta nigra	Black Scoter	FS		CC		
Bucephala albeola	Bufflehead	X		RC		
Bucephala clangula	Common Goldeneye	X				
Bucephala islandica	Barrow's Goldeneye	X				
Lophodytes cucullatus	Hooded Merganser	X				
Mergus merganser	Common Merganser	X				
Mergus serrator	Red-breasted Merganser	X				
Nomonyx dominicus	Masked Duck					
Oxyura jamaicensis	Ruddy Duck	X	SS			
Ortalis wagleri	Rufous-bellied Chachalaca					RC
Penelope purpurascens	Crested Guan				CC	CC
Alectoris chukar	Chukar	X				
Phasianus colchicus	Ring-necked Pheasant					
Dendragapus obscurus	Blue Grouse	X			CC	
Meleagris gallopavo	Wild Turkey					RC
Meleagris gallopavo merriami	Wild "Merriam's" Turkey					
Meleagris gallopavo mexicana	Wild "Gould's" Turkey	X			RC	
Oreortyx pictus	Mountain Quail			CC		

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Callipepla squamata	Scaled Quail	X	CC		CC		
Callipepla douglasii	Elegant Quail		RC				SS
Callipepla californica	California Quail				SS		
Callipepla gambelii	Gambel's Quail		SS				
Colinus virginianus	Northern Bobwhite						
Colinus virginianus ridgwayi	Northern "Masked" Bobwhite	X	RC			RC	
Cyrtonyx montezumae	Montezuma Quail	X	CC			CC	
Gavia stellata	Red-throated Loon	FS					
Gavia pacifica	Pacific Loon	X					
Gavia immer	Common Loon	X					
Tachybaptus dominicus	Least Grebe		RC				
Podilymbus podiceps	Pied-billed Grebe	X					
Podiceps auritus	Horned Grebe	X	CC		CC		
Podiceps grisegena	Red-necked Grebe						
Podiceps nigricollis	Eared Grebe	X					
Aechmophorus occidentalis	Western Grebe	X					
Aechmophorus clarkii	Clark's Grebe	X	CC		CC	CC	CC
Phoebastria immutabilis	Laysan Albatross	FS	CC				
Phoebastria nigripes	Black-footed Albatross	FS	CC		CC		
Fulmarus glacialis	Northern Fulmar						
Puffinus creatopus	Pink-footed Shearwater		CC		CC		
Puffinus carneipes	Flesh-footed Shearwater		CC		CC		
Puffinus bulleri	Buller's Shearwater		CC		CC		
Puffinus griseus	Sooty Shearwater		CC		CC		CC
Puffinus tenuirostris	Short-tailed Shearwater	FS	CC		CC		CC
Puffinus opisthomelas	Black-vented Shearwater		CC		CC		CC
Oceanodroma leucorhoa	Leach's Storm-Petrel		RC		RC		
Oceanodroma homochroa	Ashy Storm-Petrel	FS	CC		CC		

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<i>Oceanodroma melania</i>	Black Storm-Petrel		CC	CC	CC
<i>Oceanodroma macrodactyla</i>	Guadalupe Storm-Petrel			CC	
<i>Oceanodroma microsoma</i>	Least Storm-Petrel		CC	CC	CC
<i>Phaethon aethereus</i>	Red-billed Tropicbird		CC		CC
<i>Sula dactylatra</i>	Masked Booby		CC	CC	
<i>Sula nebouxii</i>	Blue-footed Booby		CC	CC	CC
<i>Sula leucogaster</i>	Brown Booby		CC	CC	CC
<i>Sula sula</i>	Red-footed Booby			CC	CC
<i>Pelecanus erythrorhynchos</i>	American White Pelican	X			
<i>Pelecanus occidentalis</i>	Brown Pelican	X/FS	SS		
<i>Pelecanus occidentalis californicus</i>	Brown "California" Pelican			RC	
<i>Phalacrocorax penicillatus</i>	Brandt's Cormorant		CC	CC	CC
<i>Phalacrocorax brasilianus</i>	Neotropic Cormorant				
<i>Phalacrocorax auritus</i>	Double-crested Cormorant	X/FS	RC		
<i>Phalacrocorax pelagicus</i>	Pelagic Cormorant		CC	CC	
<i>Anhinga anhinga</i>	Anhinga				
<i>Fregata magnificens</i>	Magnificent Frigatebird		CC		CC
<i>Botaurus lentiginosus</i>	American Bittern	X	RC	RC	
<i>Ixobrychus exilis</i>	Least Bittern		RC	RC	
<i>Tigrisoma mexicanum</i>	Bare-throated Tiger-Heron				RC
<i>Ardea herodias</i>	Great Blue Heron				
<i>Ardea alba</i>	Great Egret	X			
<i>Egretta thula</i>	Snowy Egret	X		RC	
<i>Egretta caerulea</i>	Little Blue Heron	X	CC	CC	CC
<i>Egretta tricolor</i>	Tricolored Heron	X	RC	RC	
<i>Egretta rufescens</i>	Reddish Egret	X/FS	CC	CC	CC
<i>Bubulcus ibis</i>	Cattle Egret	X			
<i>Butorides virescens</i>	Green Heron	X		SS	
<i>Nycticorax</i>	Black-crowned	X		SS	

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nycticorax	Night-Heron					
Nyctanassa violacea	Yellow-crowned Night-Heron					
Cochlearius cochlearius	Boat-billed Heron					
Eudocimus albus	White Ibis					
Plegadis chihi	White-faced Ibis	X				
Ajaia ajaja	Roseate Spoonbill			RC		
Mycteria americana	Wood Stork			CC		
Coragyps atratus	Black Vulture	X				
Cathartes aura	Turkey Vulture	X				
Gymnogyps californianus	California Condor	X			CC	
Sarcoramphus papa	King Vulture					CC
Pandion haliaetus	Osprey	X				
Chondrohierax uncinatus	Hook-billed Kite					RC
Elanus leucurus	White-tailed Kite	X			SS	
Ictinia mississippiensis	Mississippi Kite	X				
Haliaeetus leucocephalus	Bald Eagle	X		RC		
Haliaeetus leucocephalus (southwestern US popn.)	Bald "Southwest" Eagle			RC		RC
Busarellus nigricollis	Black-collared Hawk					RC
Circus cyaneus	Northern Harrier	X		RC	RC	RC
Accipiter striatus	Sharp-shinned Hawk	X				
Accipiter cooperii	Cooper's Hawk	X				RC
Accipiter gentilis	Northern Goshawk	X				RC
Accipiter gentilis apache	Northern "Apache" Goshawk	X				RC
Geranospiza caerulescens	Crane Hawk					
Asturina nitida	Gray Hawk	X		RC		RC
Buteogallus anthracinus	Common Black-Hawk	X		RC		
Buteogallus urubitinga	Great Black-Hawk					
Parabuteo unicinctus	Harris's Hawk			RC		RC

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<i>Harpyhaliaetus solitarius</i>	Solitary Eagle					CC
<i>Buteo lineatus</i>	Red-shouldered Hawk	X				
<i>Buteo platypterus</i>	Broad-winged Hawk					
<i>Buteo brachyurus</i>	Short-tailed Hawk	X				
<i>Buteo swainsoni</i>	Swainson's Hawk	X		CC		CC
<i>Buteo albicaudatus</i>	White-tailed Hawk					
<i>Buteo albonotatus</i>	Zone-tailed Hawk	X		RC		SS
<i>Buteo jamaicensis</i>	Red-tailed Hawk					
<i>Buteo regalis</i>	Ferruginous Hawk	X/FS				RC
<i>Buteo lagopus</i>	Rough-legged Hawk	X				
<i>Aquila chrysaetos</i>	Golden Eagle	X		RC	RC	RC
<i>Micrastur semitorquatus</i>	Collared Forest-Falcon					RC
<i>Caracara cheriway</i>	Crested Caracara	X				
<i>Caracara lutosus?</i>	Guadalupe Caracara				CC	
<i>Herpetotheres cachinnans</i>	Laughing Falcon					RC
<i>Falco sparverius</i>	American Kestrel	X				
<i>Falco columbarius</i>	Merlin	X				
<i>Falco femoralis</i>	Aplomado Falcon					RC
<i>Falco femoralis septentrionalis</i>	Aplomado "Northern" Falcon	X				
<i>Falco rufigularis</i>	Bat Falcon					RC
<i>Falco peregrinus</i>	Peregrine Falcon	X/FS				SS
<i>Falco mexicanus</i>	Prairie Falcon	X				
<i>Laterallus jamaicensis</i>	Black Rail	FS		CC	CC	
<i>Laterallus jamaicensis coturniculus</i>	Black "California" Rail	X		RC	RC	
<i>Rallus longirostris</i>	Clapper Rail	FS		RC	RC	
<i>Rallus longirostris yumanensis</i>	Clapper "Yuma" Rail	X		RC		
<i>Rallus longirostris levipes</i>	Clapper "Light-footed" Rail				RC	
<i>Rallus longirostris rhizophorae</i>	Clapper "Magdalena" Rail					
<i>Rallus longirostris magdalenae</i>	Clapper "Sonoran" Rail					

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<i>Rallus longirostris beldingii</i>	Clapper "Belding's" Rail						
<i>Rallus longirostris nayaritensis</i>	Clapper "Nayarit" Rail						
<i>Rallus limicola</i>	Virginia Rail	X		RC		RC	
<i>Aramides axillaris</i>	Rufous-necked Wood-Rail						CC
<i>Porzana carolina</i>	Sora	X				RC	
<i>Porzana flaviventer</i>	Yellow-breasted Crane						CC
<i>Porphyryla martinica</i>	Purple Gallinule						RC
<i>Gallinula chloropus</i>	Common Moorhen						
<i>Fulica americana</i>	American Coot				SS		
<i>Grus canadensis</i>	Sandhill Crane	X/FS					
<i>Pluvialis squatarola</i>	Black-bellied Plover	X					
<i>Charadrius collaris</i>	Collared Plover						RC
<i>Charadrius alexandrinus</i>	Snowy Plover	FS		CC		CC	CC
<i>Charadrius alexandrinus nivosus</i>	Snowy "Western" Plover	X					
<i>Charadrius alexandrinus tenuirostris</i>	Snowy "Interior" Plover						
<i>Charadrius wilsonia</i>	Wilson's Plover	FS		CC			CC
<i>Charadrius semipalmatus</i>	Semipalmated Plover	X					
<i>Charadrius vociferus</i>	Killdeer	X					
<i>Charadrius montanus</i>	Mountain Plover	X/FS		CC		CC	CC
<i>Haematopus palliatus</i>	American Oystercatcher	FS		CC			CC
<i>Haematopus bachmani</i>	Black Oystercatcher	FS		CC		CC	
<i>Himantopus mexicanus</i>	Black-necked Stilt				SS		
<i>Recurvirostra americana</i>	American Avocet	X		CC		CC	CC
<i>Jacana spinosa</i>	Northern Jacana						
<i>Tringa melanoleuca</i>	Greater Yellowlegs	X					
<i>Tringa flavipes</i>	Lesser Yellowlegs	X					
<i>Tringa solitaria</i>	Solitary Sandpiper	X					CC
<i>Catoptrophorus</i>	Willet	X					

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semipalmatus							
Heteroscelus incanus	Wandering Tattler						
Actitis macularia	Spotted Sandpiper	X					
Numenius phaeopus	Whimbrel	X	CC	CC			CC
Numenius americanus	Long-billed Curlew	X/FS	CC	CC	CC		CC
Limosa fedoa	Marbled Godwit	X/FS	CC	CC			CC
Arenaria interpres	Ruddy Turnstone		RC	RC			CC
Arenaria melanocephala	Black Turnstone		CC	CC			CC
Aphriza virgata	Surfbird		CC	CC			CC
Calidris canutus	Red Knot		CC	CC			
Calidris alba	Sanderling	X	CC	CC			CC
Calidris mauri	Western Sandpiper	X	CC	CC			CC
Calidris minutilla	Least Sandpiper	X					
Calidris alpina	Dunlin	X	CC	CC			CC
Calidris himantopus	Stilt Sandpiper	X					CC
Limnodromus griseus	Short-billed Dowitcher	X	CC	CC			CC
Limnodromus scolopaceus	Long-billed Dowitcher	X	SS				
Gallinago delicata	Wilson's Snipe	X					
Phalaropus tricolor	Wilson's Phalarope	X/FS		CC			
Phalaropus lobatus	Red-necked Phalarope	X					
Phalaropus fulicaria	Red Phalarope	X					
Stercorarius pomarinus	Pomarine Jaeger						
Stercorarius parasiticus	Parasitic Jaeger						
Larus atricilla	Laughing Gull						
Larus philadelphia	Bonaparte's Gull	X					
Larus heermanni	Heermann's Gull		CC	CC			CC
Larus canus	Mew Gull						
Larus delawarensis	Ring-billed Gull	X					
Larus californicus	California Gull	X					
Larus argentatus	Herring Gull	X					
Larus thayeri	Thayer's Gull						

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Larus livens	Yellow-footed Gull			CC		
Larus occidentalis	Western Gull					
Larus glaucescens	Glaucous-winged Gull					
Rissa tridactyla	Black-legged Kittiwake					
Sterna nilotica	Gull-billed Tern	FS		CC	CC	CC
Sterna nilotica vanrossemei	Gull-billed "Western" Tern			RC		
Sterna caspia	Caspian Tern	X/FS		RC		
Sterna maxima	Royal Tern			SS		
Sterna elegans	Elegant Tern	FS		CC	CC	
Sterna hirundo	Common Tern	X/FS				
Sterna forsteri	Forster's Tern	X			RC	
Sterna antillarum	Least Tern	X		CC		CC
Sterna antillarum browni	Least "California" Tern	FS		RC	RC	
Sterna antillarum mexicana	Least "Mexican" Tern					
Sterna anaethetus	Bridled Tern					CC
Sterna fuscata	Sooty Tern					
Anous stolidus	Brown Noddy					
Rynchops niger	Black Skimmer			CC	CC	CC
Uria aalge	Common Murre					
Cephus columba	Pigeon Guillemot				CC	
Synthliboramphus hypoleucus	Xantus's Murrelet	FS		CC	CC	
Synthliboramphus hypoleucus scrippsi	Xantus's "Scripp's" Murrelet					
Synthliboramphus hypoleucus hypoleucus	Xantus's "White-faced" Murrelet					
Synthliboramphus craveri	Craveri's Murrelet			CC	CC	
Ptychoramphus aleuticus	Cassin's Auklet	FS		RC		
Fratercula cirrhata	Tufted Puffin				RC	
Columba livia	Rock Pigeon					
Columba flavirostris	Red-billed Pigeon			RC		RC
Columba fasciata	Band-tailed Pigeon	X/FS		CC	CC	CC
Columba fasciata monilis	Band-tailed "Coastal" Pigeon					

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<i>Columba fasciata fasciata</i>	Band-tailed "Interior" Pigeon						
<i>Columba fasciata vioscae</i>	Band-tailed "Sierra de la Laguna" Pigeon			SS			
<i>Streptopelia decaocto</i>	Eurasian Collared-Dove						
<i>Streptopelia chinensis</i>	Spotted Dove						
<i>Zenaida asiatica</i>	White-winged Dove	X		RC			
<i>Zenaida macroura</i>	Mourning Dove	X/FS					
<i>Columbina inca</i>	Inca Dove						
<i>Columbina passerina</i>	Common Ground-Dove	X		RC	RC	RC	
<i>Columbina talpacoti</i>	Ruddy Ground-Dove						
<i>Leptotila verreauxi</i>	White-tipped Dove						
<i>Geotrygon montana</i>	Ruddy Quail-Dove						
<i>Aratinga holochlora</i>	Green Parakeet						CC
<i>Aratinga holochlora brewsteri</i>	Green "Cuchujaqui" Parakeet						RC
<i>Aratinga canicularis</i>	Orange-fronted Parakeet						CC
<i>Ara militaris</i>	Military Macaw					CC	CC
<i>Rhynchopsitta pachyrhyncha</i>	Thick-billed Parrot	X				CC	
<i>Forpus cyanopygius</i>	Mexican Parrotlet						CC
<i>Amazona albifrons</i>	White-fronted Parrot			RC			
<i>Amazona finschi</i>	Lilac-crowned Parrot					CC	CC
<i>Coccyzus americanus</i>	Yellow-billed Cuckoo	FS		RC			
<i>Coccyzus americanus occidentalis</i>	Yellow-billed "Western" Cuckoo	X		RC	RC	RC	RC
<i>Coccyzus minor</i>	Mangrove Cuckoo						CC
<i>Piaya cayana</i>	Squirrel Cuckoo						
<i>Morococcyx erythropygus</i>	Lesser Ground-Cuckoo						CC
<i>Geococcyx velox</i>	Lesser Roadrunner						
<i>Geococcyx californianus</i>	Greater Roadrunner			SS			
<i>Crotophaga sulcirostris</i>	Groove-billed Ani						

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Tyto alba	Barn Owl		RC		SS	
Otus flammeolus	Flammulated Owl	X	CC	CC	CC	
Otus kennicottii	Western Screech-Owl	X	RC		RC	
Otus trichopsis	Whiskered Screech-Owl	X			CC	
Otus guatemalae	Vermiculated Screech-Owl					RC
Bubo virginianus	Great Horned Owl					
Glaucidium gnoma	Northern Pygmy-Owl	X	RC		RC	
Glaucidium gnoma californicum	Northern "California" Pygmy-Owl					
Glaucidium gnoma gnoma	Northern "Mountain" Pygmy-Owl					
Glaucidium gnoma hoskinsii	Northern "Cape" Pygmy-Owl					
Glaucidium palmarum	Colima Pygmy-Owl					
Glaucidium brasilianum	Ferruginous Pygmy-Owl	FS				
Glaucidium brasilianum cactorum	Ferruginous "Cactus" Pygmy-Owl	X	RC			
Micrathene whitneyi	Elf Owl	X	CC		CC	CC
Athene cucularia	Burrowing Owl	X/FS	RC		RC	
Ciccaba virgata	Mottled Owl					RC
Strix occidentalis	Spotted Owl			CC	CC	
Strix occidentalis lucida	Spotted "Mexican" Owl	X				
Strix occidentalis occidentalis	Spotted "California" Owl					
Strix varia	Barred Owl				RC	
Asio otus	Long-eared Owl	X	RC	RC	RC	
Asio stygius	Stygian Owl					
Asio flammeus	Short-eared Owl	X/FS	CC	CC	CC	CC
Aegolius acadicus	Northern Saw-whet Owl	X/FS			RC	
Chordeiles acutipennis	Lesser Nighthawk	X				
Chordeiles minor	Common Nighthawk	X				
Nyctidromus albicollis	Common Pauraque					

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Phalaenoptilus nuttallii	Common Poorwill	X				RC	
Nyctiphrynus mcleodii	Eared Poorwill					CC	CC
Caprimulgus ridgwayi	Buff-collared Nightjar	X	RC				RC
Caprimulgus vociferus	Whip-poor-will	X				SS	
Caprimulgus vociferus arizonae	"Stephen's" Whip-poor-will					RC	
Nyctibius jamaicensis	Northern Potoo						
Cypseloides niger	Black Swift				CC	CC	
Streptoprocne rutila	Chestnut-collared Swift						
Streptoprocne semicollaris	White-naped Swift					CC	CC
Chaetura pelagica	Chimney Swift						
Chaetura vauxi	Vaux's Swift	X					
Aeronautes saxatalis	White-throated Swift	X	CC	CC		CC	
Chlorostilbon auriceps	Golden-crowned Emerald						CC
Hylocharis leucotis	White-eared Hummingbird	X					
Hylocharis xantusii	Xantus's Hummingbird		SS				
Amazilia beryllina	Berylline Hummingbird	X					
Amazilia rutila	Cinnamon Hummingbird						SS
Amazilia violiceps	Violet-crowned Hummingbird	X				RC	RC
Lampornis clemenciae	Blue-throated Hummingbird	X				RC	
Eugenes fulgens	Magnificent Hummingbird	X				RC	
Heliomaster constantii	Plain-capped Starthroat						SS
Tilmatura dupontii	Sparkling-tailed Hummingbird					CC	CC
Calothorax lucifer	Lucifer Hummingbird	X				RC	
Archilochus alexandri	Black-chinned Hummingbird	X					
Calypte anna	Anna's Hummingbird	X					
Calypte costae	Costa's Hummingbird	X	CC	CC		CC	CC

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Stellula calliope	Calliope Hummingbird	X				
Atthis heloisa	Bumblebee Hummingbird					CC
Selasphorus platycercus	Broad-tailed Hummingbird	X				RC
Selasphorus rufus	Rufous Hummingbird	X			CC	
Selasphorus sasin	Allen's Hummingbird	X			CC	
Trogon citreolus	Citreoline Trogon					CC
Trogon mexicanus	Mountain Trogon					RC RC
Trogon elegans	Elegant Trogon	X				CC CC
Euptilotis neoxenus	Eared Quetzal					CC
Momotus mexicanus	Russet-crowned Motmot					
Ceryle torquata	Ringed Kingfisher					
Ceryle alcyon	Belted Kingfisher	X				
Chloroceryle amazona	Amazon Kingfisher					
Chloroceryle americana	Green Kingfisher	X				
Melanerpes lewis	Lewis's Woodpecker	X		CC	CC	CC
Melanerpes chrysogenys	Golden-cheeked Woodpecker					
Melanerpes uropygialis	Gila Woodpecker			RC		RC SS
Sphyrapicus thyroideus	Williamson's Sapsucker					
Sphyrapicus varius	Yellow-bellied Sapsucker	X/FS				
Sphyrapicus nuchalis	Red-naped Sapsucker	X				
Sphyrapicus ruber	Red-breasted Sapsucker					
Picoides scalaris	Ladder-backed Woodpecker			RC		
Picoides nuttallii	Nuttall's Woodpecker				CC	
Picoides pubescens	Downy Woodpecker	X				
Picoides villosus	Hairy Woodpecker					
Picoides arizonae	Arizona Woodpecker	X				CC
Picoides albolarvatus	White-headed Woodpecker				CC	

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Picoides dorsalis	American Three-toed Woodpecker	X					
Piculus auricularis	Gray-crowned Woodpecker				CC		CC
Colaptes auratus	Northern Flicker	X					
Colaptes chrysoides	Gilded Flicker	FS		RC			
Dryocopus lineatus	Lineated Woodpecker						
Campephilus guatemalensis	Pale-billed Woodpecker						CC
Campephilus imperialis	Imperial Woodpecker				CC		
Xiphorhynchus flavigaster	Ivory-billed Woodcreeper				RC		RC
Lepidocolaptes leucogaster	White-striped Woodcreeper				CC		
Camptostoma imberbe	Northern Beardless-Tyrannulet	X			RC		RC
Mitrephanes phaeocercus	Tufted Flycatcher				RC		RC
Contopus cooperi	Olive-sided Flycatcher	X/FS			CC		CC
Contopus pertinax	Greater Pewee	X					SS
Contopus sordidulus	Western Wood-Pewee	X					
Empidonax traillii	Willow Flycatcher	X		CC	CC	CC	CC
Empidonax traillii extimus	Willow "Southwestern" Flycatcher	X		RC	RC		RC
Empidonax albigularis	White-throated Flycatcher						SS
Empidonax minimus	Least Flycatcher						
Empidonax hammondii	Hammond's Flycatcher	X					
Empidonax wrightii	Gray Flycatcher	X					
Empidonax oberholseri	Dusky Flycatcher	X					
Empidonax affinis	Pine Flycatcher						RC
Empidonax difficilis	Pacific-slope Flycatcher	X					
Empidonax occidentalis	Cordilleran Flycatcher	X				RC	RC
Empidonax fulvifrons	Buff-breasted Flycatcher	X/FS				SS	
Sayornis nigricans	Black Phoebe	X				SS	
Sayornis saya	Say's Phoebe	X		SS			

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Pyrocephalus rubinus	Vermilion Flycatcher	X				
Attila spadiceus	Bright-rumped Attila				RC	RC
Myiarchus tuberculifer	Dusky-capped Flycatcher	X			SS	
Myiarchus cinerascens	Ash-throated Flycatcher	X		RC		
Myiarchus nuttingi	Nutting's Flycatcher			RC		RC
Myiarchus tyrannulus	Brown-crested Flycatcher	X				RC
Deltarhynchus flammulatus	Flammulated Flycatcher					CC
Pitangus sulphuratus	Great Kiskadee					
Megarynchus pitangua	Boat-billed Flycatcher					
Myiozetetes similis	Social Flycatcher					
Myiodynastes luteiventris	Sulphur-bellied Flycatcher	X		RC	RC	RC
Tyrannus melancholicus	Tropical Kingbird	X				
Tyrannus vociferans	Cassin's Kingbird	X			RC	
Tyrannus crassirostris	Thick-billed Kingbird	X		CC	CC	CC
Tyrannus verticalis	Western Kingbird	X				
Pachyramphus major	Gray-collared Becard				CC	CC
Pachyramphus aglaiae	Rose-throated Becard	X		RC		RC
Tityra semifasciata	Masked Tityra					
Lanius ludovicianus	Loggerhead Shrike	X/FS		RC	RC	RC
Lanius ludovicianus mearnsi	Loggerhead "San Clemente" Shrike				RC	
Lanius excubitor	Northern Shrike	X				
Vireo pallens	Mangrove Vireo			CC		CC
Vireo bellii	Bell's Vireo			CC	CC	CC
Vireo bellii arizonae	Bell's "Arizona" Vireo	X				
Vireo bellii pusillus	Bell's "Least" Vireo				RC	
Vireo atricapillus	Black-capped Vireo					CC
Vireo vicinior	Gray Vireo	X/FS		CC	CC	CC
Vireo plumbeous	Plumbeous Vireo	X			SS	

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Vireo cassini	Cassin's Vireo	X		SS		
Vireo huttoni	Hutton's Vireo					
Vireo hypochryseus	Golden Vireo					CC
Vireo gilvus	Warbling Vireo	X			RC	
Vireo gilvus swainsoni	Warbling "Western" Vireo					
Vireo flavoviridis	Yellow-green Vireo					RC
Cyanocitta stelleri	Steller's Jay	X				
Calocitta collicii	Black-throated Magpie-Jay					CC
Cyanocorax dickeyi	Tufted Jay				CC	
Cyanocorax beecheii	Purplish-backed Jay					CC
Aphelocoma insularis	Island Scrub-Jay			CC		
Aphelocoma californica	Western Scrub-Jay			SS		
Aphelocoma ultramarina	Mexican Jay	X			SS	
Gymnorhinus cyanocephalus	Pinyon Jay		CC	CC		CC
Nucifraga columbiana	Clark's Nutcracker	X				
Pica nuttalli	Yellow-billed Magpie			CC		
Corvus brachyrhynchos	American Crow	X				
Corvus sinaloae	Sinaloa Crow					
Corvus cryptoleucus	Chihuahuan Raven	X				
Corvus corax	Common Raven	X				
Eremophila alpestris	Horned Lark	X				
Progne subis	Purple Martin					
Progne subis arboricola	Purple "Woods" Martin	X				
Progne subis hesperia	Purple "Arizona" Martin	X	RC			
Progne sinaloae	Sinaloa Martin					CC
Progne chalybea	Gray-breasted Martin					
Tachycineta bicolor	Tree Swallow	X				
Tachycineta albilinea	Mangrove Swallow					

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Tachycineta thalassina	Violet-green Swallow	X			SS
Stelgidopteryx serripennis	Northern Rough-winged Swallow	X	SS		
Riparia riparia	Bank Swallow	X			
Petrochelidon pyrrhonota	Cliff Swallow	X			
Hirundo rustica	Barn Swallow	X			
Poecile gambelii	Mountain Chickadee	X			
Poecile sclateri	Mexican Chickadee	X			RC
Poecile rufescens	Chestnut-backed Chickadee				
Baeolophus wollweberi	Bridled Titmouse	X	RC		SS
Baeolophus inornatus	Oak Titmouse		CC	CC	
Baeolophus ridgwayi	Juniper Titmouse				SS
Auriparus flaviceps	Verdin		RC		
Psaltriparus minimus	Bushtit			RC	
Sitta canadensis	Red-breasted Nuthatch				
Sitta carolinensis	White-breasted Nuthatch				
Sitta pygmaea	Pygmy Nuthatch				SS
Certhia americana	Brown Creeper	X			
Campylorhynchus gularis	Spotted Wren				SS
Campylorhynchus brunneicapillus	Cactus Wren	X	RC	RC	
Campylorhynchus brunneicapillus couesi	Cactus "San Diego" Wren			RC	
Campylorhynchus brunneicapillus affinis group	Cactus "Baja California group" Wren				
Salpinctes obsoletus	Rock Wren	X	RC	SS	
Catherpes mexicanus	Canyon Wren				SS
Thryothorus sinaloa	Sinaloa Wren				RC
Thryothorus felix	Happy Wren				RC
Thryomanes bewickii	Bewick's Wren			SS	
Troglodytes aedon	House Wren	X			

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Troglodytes aedon brunneicollis	House "Brown- throated" Wren				
Troglodytes troglodytes	Winter Wren	X			
Cistothorus platensis	Sedge Wren	FS			
Cistothorus palustris	Marsh Wren	X	RC	RC	
Cinclus mexicanus	American Dipper	X			RC
Regulus satrapa	Golden-crowned Kinglet	X			
Regulus calendula	Ruby-crowned Kinglet	X	SS	SS	
Polioptila caerulea	Blue-gray Gnatcatcher	X			
Polioptila californica	California Gnatcatcher		CC	CC	
Polioptila melanura	Black-tailed Gnatcatcher		SS		
Polioptila nigriceps	Black-capped Gnatcatcher	X	CC		CC
Sialia sialis	Eastern Bluebird				
Sialia sialis fulva	Eastern "Azure" Bluebird	X			
Sialia mexicana	Western Bluebird	X			SS
Sialia currucoides	Mountain Bluebird	X			
Myadestes townsendi	Townsend's Solitaire	X			
Myadestes occidentalis	Brown-backed Solitaire				CC CC
Catharus aurantiiostris	Orange-billed Nightingale-Thrush				
Catharus occidentalis	Russet Nightingale-Thrush				RC
Catharus ustulatus	Swainson's Thrush	X			
Catharus guttatus	Hermit Thrush	X			
Turdus assimilis	White-throated Robin				RC RC
Turdus rufopalliatus	Rufous-backed Robin	X			SS
Turdus migratorius	American Robin	X			
Turdus migratorius confinis	American "San Lucas" Robin		RC		
Ixoreus naevius	Varied Thrush				
Ridgwayia pinicola	Aztec Thrush				CC
Chamaea fasciata	Wrentit				CC

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Dumetella carolinensis	Gray Catbird	X				
Mimus polyglottos	Northern Mockingbird	X				
Oreoscoptes montanus	Sage Thrasher	X				
Toxostoma cinereum	Gray Thrasher			SS		
Toxostoma bendirei	Bendire's Thrasher	X/FS		CC	CC	CC
Toxostoma curvirostre	Curve-billed Thrasher			SS		SS
Toxostoma redivivum	California Thrasher				CC	
Toxostoma crissale	Crissal Thrasher	X		RC	SS	
Toxostoma lecontei	Le Conte's Thrasher	X		CC		
Toxostoma lecontei lecontei	Le Conte's "Northern" Thrasher					
Toxostoma lecontei arenicola	Le Conte's "Vizcaino" Thrasher					
Melanotis caerulescens	Blue Mockingbird					RC
Sturnus vulgaris	European Starling					
Anthus rubescens	American Pipit	X				
Anthus spragueii	Sprague's Pipit	X/FS		CC	CC	
Bombycilla cedrorum	Cedar Waxwing	X				
Ptilogonys cinereus	Gray Silky-flycatcher				CC	
Phainopepla nitens	Phainopepla	X		RC	RC	
Peucedramus taeniatus	Olive Warbler	X			SS	
Vermivora celata	Orange-crowned Warbler	X				
Vermivora ruficapilla	Nashville Warbler	X				
Vermivora virginiae	Virginia's Warbler	X		CC	CC	
Vermivora crissalis	Colima Warbler				CC	
Vermivora luciae	Lucy's Warbler	X		CC	CC	CC
Parula pitiayumi	Tropical Parula					RC
Dendroica petechia	Yellow Warbler	X				
Dendroica petechia bryanti	Yellow "Mangrove" Warbler			RC		
Dendroica petechia sonorana	Yellow "Sonoran" Warbler			RC	RC	

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Parula superciliosa	Crescent-cheated Warbler			SS	
Dendroica coronata	Yellow-rumped Warbler	X			
Dendroica nigrescens	Black-throated Gray Warbler	X			
Dendroica townsendi	Townsend's Warbler	X			
Dendroica occidentalis	Hermit Warbler	X			
Dendroica graciae	Grace's Warbler	X		CC	
Dendroica palmarum	Palm Warbler				
Mniotilta varia	Black-and-white Warbler	X			
Setophaga ruticilla	American Redstart	X			
Seiurus noveboracensis	Northern Waterthrush	X			
Seiurus motacilla	Louisiana Waterthrush				
Oporornis tolmiei	MacGillivray's Warbler	X			
Geothlypis trichas	Common Yellowthroat	X			
Geothlypis beldingi	Belding's Yellowthroat			CC	
Geothlypis poliocephala	Gray-crowned Yellowthroat				
Wilsonia pusilla	Wilson's Warbler	X			
Cardellina rubrifrons	Red-faced Warbler	X		CC	
Ergaticus ruber	Red Warbler			CC	
Myioborus pictus	Painted Redstart	X		RC	RC
Myioborus miniatus	Slate-throated Redstart				RC
Euthlypis lachrymosa	Fan-tailed Warbler			CC	CC
Basileuterus rufifrons	Rufous-capped Warbler	X			
Basileuterus belli	Golden-browed Warbler			CC	
Icteria virens	Yellow-breasted Chat	X			
Granatellus venustus	Red-breasted Chat				CC
Rhodinocichla rosea	Rosy Thrush-Tanager				CC
Piranga flava	Hepatic Tanager	X		SS	

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Piranga rubra	Summer Tanager	X			RC	
Piranga rubra cooperi	Summer "Cooper's" Tanager					
Piranga ludoviciana	Western Tanager	X				
Piranga bidentata	Flame-colored Tanager	X			RC	RC
Piranga erythrocephala	Red-headed Tanager				CC	CC
Volatinia jacarina	Blue-black Grassquit					
Sporophila torqueola	White-collared Seedeater					
Atlapetes pileatus	Rufous-capped Brush-Finch				SS	
Buarremon virenticeps	Green-striped Brush-Finch				CC	
Arremonops rufivirgatus	Olive Sparrow					RC
Melospiza kieneri	Rusty-crowned Ground-Sparrow					RC
Pipilo chlorurus	Green-tailed Towhee	X				
Pipilo maculatus	Spotted Towhee	X			SS	
Pipilo erythrophthalmus	Eastern Towhee					
Pipilo fuscus	Canyon Towhee				RC	
Pipilo crissalis	California Towhee				SS	
Pipilo crissalis eremophilus	California "Inyo" Towhee			RC		
Pipilo aberti	Abert's Towhee	X		CC	CC	
Aimophila carpalis	Rufous-winged Sparrow	X		CC	CC	CC
Aimophila cassinii	Cassin's Sparrow	X			RC	
Aimophila botterii	Botteri's Sparrow	X			RC	RC
Aimophila botterii botterii	Botteri's "Arizona" Sparrow					
Aimophila ruficeps	Rufous-crowned Sparrow	X		RC	RC	RC
Aimophila ruficeps sanctorum	Rufous-crowned "Todos Santos" Sparrow				RC	
Aimophila rufescens	Rusty Sparrow					
Aimophila quinquestrata	Five-striped Sparrow	X		CC	CC	CC
Oriturus superciliosus	Striped Sparrow				CC	

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Spizella passerina	Chipping Sparrow	X			
Spizella pallida	Clay-colored Sparrow	X			
Spizella breweri	Brewer's Sparrow	X	CC		CC
Spizella breweri taverneri	Brewer's "Timberline" Sparrow				
Spizella pusilla	Field Sparrow				
Spizella atrogularis	Black-chinned Sparrow	X	CC	CC	CC
Poocetes gramineus	Vesper Sparrow	X			
Chondestes grammacus	Lark Sparrow	X			
Amphispiza bilineata	Black-throated Sparrow	X	SS		SS
Amphispiza belli	Sage Sparrow	X		RC	
Amphispiza belli belli	Sage "Bell's" Sparrow			RC	
Amphispiza belli cinerea	Sage "Baja" Sparrow				
Calamospiza melanocorys	Lark Bunting	X	RC		
Passerculus sandwichensis	Savannah Sparrow	X		RC	
Passerculus sandwichensis beldingi	Savannah "Belding's" Sparrow			RC	
Passerculus sandwichensis rostratus	Savannah "Large-billed" Sparrow		RC		
Passerculus sandwichensis sanctorum	Savannah "Islas San Benito" Sparrow				
Ammodramus savannarum	Grasshopper Sparrow	X/FS		RC	RC
Ammodramus savannarum ammolegus	Grasshopper "Arizona" Sparrow	X			RC
Ammodramus bairdii	Baird's Sparrow	X/FS	CC		CC
Xenospiza baileyi	Sierra Madre Sparrow				CC
Passerella iliaca	Fox Sparrow	X			
Melospiza melodia	Song Sparrow	X			RC
Melospiza lincolni	Lincoln's Sparrow	X			
Melospiza georgiana	Swamp Sparrow	X			
Zonotrichia albicollis	White-throated Sparrow	X			

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Zonotrichia leucophrys	White-crowned Sparrow	X	SS			
Zonotrichia atricapilla	Golden-crowned Sparrow	X				
Junco hyemalis	Dark-eyed Junco	X				
Junco hyemalis insularis	Dark-eyed "Guadalupe" Junco					
Junco phaeonotus	Yellow-eyed Junco	X			SS	
Junco phaeonotus bairdi	Yellow-eyed "Baird's" Junco			CC		
Calcarius mccownii	McCown's Longspur	X	CC			
Calcarius ornatus	Chestnut-collared Longspur	X	RC			
Saltator coerulescens	Grayish Saltator					SS
Cardinalis cardinalis	Northern Cardinal					
Cardinalis sinuatus	Pyrrhuloxia				RC	
Pheucticus chrysopheplus	Yellow Grosbeak				CC	CC
Pheucticus melanocephalus	Black-headed Grosbeak	X				
Cyanocompsa parellina	Blue Bunting					
Guiraca caerulea	Blue Grosbeak	X				
Passerina amoena	Lazuli Bunting	X				
Passerina cyanea	Indigo Bunting	X				
Passerina versicolor	Varied Bunting	X	CC		CC	CC
Passerina ciris	Painted Bunting	X/FS				
Spiza americana	Dickcissel	X				CC
Agelaius phoeniceus	Red-winged Blackbird	X				
Agelaius tricolor	Tricolored Blackbird	FS			CC	
Sturnella magna	Eastern Meadowlark	X/FS				
Sturnella magna lilianae	Eastern "Lilian's" Meadowlark					RC
Sturnella neglecta	Western Meadowlark	X	RC	RC	RC	
Xanthocephalus xanthocephalus	Yellow-headed Blackbird	X	SS			
Euphagus cyanocephalus	Brewer's Blackbird	X				
Quiscalus	Great-tailed	X				

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mexicanus	Grackle				
Molothrus aeneus	Bronzed Cowbird	X			
Molothrus ater	Brown-headed Cowbird	X			
Icterus wagleri	Black-vented Oriole				
Icterus spurius	Orchard Oriole				
Icterus cucullatus	Hooded Oriole	X		SS	
Icterus pustulatus	Streak-backed Oriole				SS
Icterus bullockii	Bullock's Oriole	X	RC		
Icterus parisorum	Scott's Oriole	X		SS	
Cacicus melanicterus	Yellow-winged Cacique				SS
Euphonia affinis	Scrub Euphonia				
Euphonia elegantissima	Elegant Euphonia			CC	CC
Pinicola enucleator	Pine Grosbeak	X			
Carpodacus purpureus	Purple Finch	X			
Carpodacus cassinii	Cassin's Finch	X			
Carpodacus mexicanus	House Finch	X			
Loxia curvirostra	Red Crossbill				
Carduelis pinus	Pine Siskin				
Carduelis notata	Black-headed Siskin				
Carduelis psaltria	Lesser Goldfinch	X	RC		
Carduelis lawrencei	Lawrence's Goldfinch	X	CC	CC	
Carduelis tristis	American Goldfinch				
Coccothraustes abeillei	Hooded Grosbeak			CC	
Coccothraustes vespertinus	Evening Grosbeak	X			
Passer domesticus	House Sparrow				

APPENDIX B. List of endemic and near-endemic species and subspecies found in the Sonoran Joint Venture area.

The following lists show the species and subspecies that are endemic (>98% of world population) or near-endemic (90-98% of world population) to the SJV area.

Resident Endemic Species/Subspecies

Guadalupe Storm-Petrel *
Brown Booby (western hemisphere)
Guadalupe Caracara
Clapper “Yuma” Rail
Clapper “Light-footed” Rail
Yellow-footed Gull
Northern “Cape” Pygmy-Owl
Xantus’s Hummingbird
Gilded Flicker
Island Scrub-Jay
California Gnatcatcher
American “San Lucas” Robin
Gray Thrasher
Belding’s Yellowthroat
Rufous-crowned “Todos Santos” Sparrow
Savannah “Large-billed” Sparrow
Rufous-winged Sparrow
Grasshopper “Arizona” Sparrow
Dark-eyed “Guadalupe” Junco
Yellow-eyed “Baird’s” Junco

Breeding Endemic Species

Black Storm-Petrel
Least Storm-Petrel
Black-vented Shearwater
Elegant Tern
Xantus’s Murrelet
Craveri’s Murrelet

Near Endemic-Breeding Species

Heermann’s Gull

Near Endemic-Resident Species

Elegant Quail
Gila Woodpecker
Purplish-backed Jay
Sinaloa Crow
Le Conte’s Thrasher

Abert's Towhee
Five-striped Sparrow

Near-Endemic Wintering Species

Gray Vireo
Lawrence's Goldfinch

Near-Endemic Breeding Subspecies

Yellow "Sonoran" Warbler

*possibly extinct

APPENDIX C. Priority Waterfowl from the North American Waterfowl Management Plan Update.

The following is a comparison of waterfowl priorities from the North American Waterfowl Management Plan Update (“Model-base Strategic Planning and Evaluation for Waterfowl Conservation”) and the SJV Plan designations of Concern Level. If a species has a “Highest”, “High”, “Moderately High”, or “Moderate” Continental Priority in the Waterfowl Update, it is referred to as a “Continental Concern” species in this Plan unless a species has a “Low” Regional Importance designation (Table A). If a species has a “Mod High” or higher designation in either the “Need for Conservation” or “Importance” column in the waterfowl strategy, it is considered a “Regional Concern” species in this Plan (see Table xxx for the decision matrix). For comparison, all “Moderately High” Continental Priority species are shown even if the Need for Conservation is less than Mod High. “WCR” are Waterfowl Conservation Regions found in the Waterfowl Update and are equal to BCRs used in this Plan except that WCRs 32, 33, and 34 are only the U. S. portions, WCR 101 is all of the Baja Peninsula, and WCR 102 is Sonora, Sinaloa, and Nayarit. Additional Continental Concern or Regional Concern species may be added to the SJV Concern lists through the use of methods especially the Mexican Species Assessment Process.

Waterfowl Priorities and SJV Plan designations.

WCR	Species	Continental Priority	Regional Breeding Importance	Breeding Need for Conservation	Regional Non-Breeding Importance	Non-breeding Need for Conservation	SJV Plan Designation
32	Brant-Pacific	High			High	Highest	CC
	Lesser Scaup	High			Mod High	High	CC
	Mallard	High	Mod Low	Moderate	Mod Low	Moderate	CC
	Northern Pintail	High			Mod High	High	CC
	American Wigeon	Mod High			Mod High	Mod High	RC
	Black Scoter	Mod High			Mod High	Mod High	RC
	Canvasback	Mod High			Mod Low	Mod Low	
	Common Goldeneye	Mod High			Mod Low	Mod Low	
	Surf Scoter	Mod High			Mod High	Mod High	RC
	White-winged Scoter	Mod High			Mod High	Mod High	RC
	Bufflehead	Moderate			Mod High	Mod High	RC
	Greater Scaup	Moderate			Mod High	Mod High	RC
	Northern Shoveler	Moderate			Mod High	Mod High	RC
	33	Trumpeter Swan – Rocky Mountain	High			Mod Low	Moderate
Mallard		High			Mod Low	Moderate	CC
Northern		High			Mod Low	Moderate	CC

	Pintail							
	American Wigeon	Mod High			Mod Low		Mod Low	
	Blue-winged/Cinnamon Teal	Mod High			Mod Low		Mod Low	
	Canvasback	Mod High			Mod Low		Mod Low	
	Common Goldeneye	Mod High			Mod Low		Mod Low	
	Redhead	Mod High			Mod Low		Mod Low	
34	Mallard	High			Mod Low		Moderate	CC
	Northern Pintail	High			Mod Low		Moderate	CC
	Canvasback	Mod High			Mod Low		Mod Low	
101	Brant – Pacific	High			High		Highest	CC
	Northern Pintail	High			Mod High		High	CC
	Lesser Scaup	High			Mod Low		Moderate	CC
	American Wigeon	Mod High			Mod Low		Mod Low	
	Blue-winged Teal	Mod High			Mod Low		Mod Low	
	Canvasback	Mod High			Mod Low		Mod Low	
	Cinnamon Teal	Mod High			Mod Low		Mod Low	
	Redhead	Mod High			Mod High		Mod High	RC
	Gadwall	Moderate			Mod High		Mod High	RC
102	Brant – Pacific	High			Mod High		High	CC
	Lesser Snow Goose – Western Central Flyway	Moderate			Mod High		High	RC
	Mallard	High			Mod High		High	CC
	Lesser Scaup	High			Mod Low		Moderate	CC
	Northern Pintail	High			High		Highest	CC
	American Wigeon	Mod High			Mod Low		Mod Low	
	Blue-winged Teal	Mod High			Mod High		Mod High	RC
	Canvasback	Mod High			Mod High		Mod High	RC
	Cinnamon Teal	Mod High			Mod High		Mod High	RC
	Masked Duck	Mod High	Mod Low	Mod Low	Mod Low		Mod Low	
	Redhead	Mod High			Mod High		Mod High	RC
	Gadwall	Moderate			Mod High		Mod High	RC
	Green-winged Teal	Moderate			Mod High		Mod High	RC

Northern Shoveler	Moderate			Mod High	Mod High	RC
Ring-necked Duck	Moderate			Mod High	Mod High	RC
Fulvous Whistling-Duck	Mod Low	High	High	Mod High	Moderate	RC

*The Mod Low designation in this WCR might be a mistake. They are not listed in Small 1994, Monson and Phillips 1981, or Massey and Zembal 2002. There is only one record of Trumpeter Swan in Arizona (Mitchell 1994). There may be some confusion with Tundra Swans, which are found every winter along the Lower Colorado River.

The following table was used to make decisions for assignment to Continental or Regional Concern levels for the SJV Plan.

Continental Priority/ Regional Importance or Need*	High/Highest	Moderately High	Moderate	Moderately Low	Low
WMP - High	CC**	CC	CC	-	-
WMP - Moderately High	CC	RC	RC	-	-
WMP - Moderate	RC	RC	-	-	-
WMP - Moderately Low	RC	-	-	-	-
WMP - Low	-	-	-	-	-

* From the North American Waterfowl Management Plan Update 2004.

** SJV Plan Continental (CC) or Regional (RC) Concern level.

APPENDIX D. Priority Shorebirds from the U.S. Shorebird Conservation Plan

By agreement with the U.S. Shorebird National Coordinator, United States Shorebird Conservation Plan (USSCP) designations of “Highly Imperiled-Global and North American” and “High Concern-Global” are considered equal to the SJV Plan’s Continental Concern (CC) designation (Table 2). The designation “High Concern” at the North American level in the USSCP is equivalent to Regional Concern (RC) for the SJV Plan. Additional shorebirds may be added or elevated in their concern level based on assessments of SJV partners.

Comparison of USSCP priority designations and SJV Plan designation.

Species	USSCP Designation	USSCP Level	SJV Regions*	SJV Designation
Mountain Plover	Highly Imperiled	Global	AB/CCM/MH	CC
Long-billed Curlew	Highly Imperiled	Global	AB/CCM/MH	CC
Snowy Plover	Highly Imperiled	North American	AB/CCM/MH/PL	CC
Black Oystercatcher	High Concern	Global	AB/CCM	CC
Solitary Sandpiper	High Concern	Global	AB/CCM/PL	CC
Marbled Godwit	High Concern	Global	AB/CCM/PL	CC
Black Turnstone	High Concern	Global	AB/CCM/PL	CC
Surfbird	High Concern	Global	AB/CCM/PL	CC
Western Sandpiper	High Concern	Global	AB/CCM/PL	CC
Short-billed Dowitcher	High Concern	Global	AB/CCM/PL	CC
Wilson’s Phalarope	High Concern	Global	CCM	CC
Wilson’s Plover	High Concern	North American	AB/PL	CC (RC in Shorebird plan)
American Oystercatcher	High Concern	North American	AB/PL	CC (RC in Shorebird plan)
Whimbrel	High Concern	North American	AB/CH/PL	CC (RC in Shorebird plan)
Ruddy Turnstone	High Concern	North American	AB/CH/PL	RC
Red Knot	High Concern	North American	AB/CH	CC (RC in Shorebird plan)
Sanderling	High Concern	North American	AB/CH/PL	CC (RC in Shorebird plan)
Dunlin	High Concern	North American	AB/CH/PL	CC (RC in Shorebird plan)

*AB=Arid Borderlands, CCM=Californian Coasts and Mountains, MH=Mexican Highlands, PL=Pacific Lowlands, corresponding to the chapters in this Plan.

APPENDIX E. Priority Colonial Waterbirds from the North American Waterbird Conservation Plan

By agreement with the U.S. National Waterbird Coordinator, “Highly Imperiled” and “High” from the North American Waterbird Conservation Plan (NAWCP) would be equivalent to Continental Concern and Regional Concern, respectively, in this Plan. Table 3 below presents a comparison of the NAWCP concern species and the Plan Concern Species by Regional Chapter (SJV designations are coded: N=not present; ND=no designation, CC=Continental Concern, RC=Regional Concern). The lower portion of the table shows species that are a SJV Concern Species but not considered by NAWCP to be at that level.

Colonial Waterbird Priorities and SJV Plan designations.

Species	NAWCP designation	Equivalent NAWCP designation	SJV designation by Region - AB*	CCM	MH	PL
Black Skimmer	High- 2a	RC	CC/RC	CC	N	CC
Gull-billed Tern	High -2a	RC	CC/RC	CC	N	CC/RC
Least Tern	High -2a	RC	CC	CC/RC	N	CC
Bridled Tern	High -2a	RC	N	N	N	ND
Bare-throated Tiger-Heron	High -na	RC	N	N	N	ND
Wood Stork	High -2a	RC	RC	ND	N	N
Magnificent Frigatebird	High -2a	RC	CC/RC	N	N	CC
Pink-footed Shearwater	High -2a	RC	CC/RC	N	N	CC
Black-vented Shearwater	High -2a	RC	CC/RC	CC/RC	N	CC
Laysan Albatross	High -2a	RC	CC	N	N	N
Least Storm-Petrel	High -2a	RC	CC/RC	CC	N	CC
Black Storm-Petrel	High -2a	RC	CC/RC	CC/RC	N	CC
Ashy Storm-Petrel	Highly Imperiled -1a	CC	CC/RC	CC/RC	N	N
Xantus’s Murrelet	High -2a	RC	CC/RC	CC/RC	N	N
Craveri’s Murrelet	High -2a	RC	CC/RC	CC	N	N
Red-billed Tropicbird	High -2a	RC	CC/RC	N	N	CC/RC
Blue-footed Booby	High -2a	RC	CC	ND	N	CC
Masked Booby	High -2a	RC	CC	CC	N	N
Red-footed Booby	High -2a	RC	N	CC	N	N
Brown Booby	High -2a	RC	CC	CC	N	CC
Brandt’s Cormorant	High -2a	RC	CC	CC	N	CC
Pelagic Cormorant	High -2a	RC	CC	CC	N	CC

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Tricolored Heron	High -2a	RC	RC	ND	N	ND
Little Blue Heron	High -2a	RC	CC	N	N	CC
Snowy Egret	High -2a	RC	ND	ND	N	ND
Black-footed Albatross	Highly Imperiled -1a	CC	CC/RC	CC	N	N
Reddish Egret	3c		CC/RC	CC	N	CC/RC
Flesh-footed Shearwater	4a		CC	CC	N	N
Buller's Shearwater	5		CC	CC	N	N
Sooty Shearwater	3b		CC/RC	CC	N	CC
Short-tailed Shearwater	5		CC	CC	N	CC
Leach's Storm-Petrel	4b		RC	ND	N	N
Wedge-rumped Storm-Petrel	4a		CC	N	N	ND
Guadalupe Storm-Petrel	Not on list		CC/RC	N	N	N
Brown Pelican	3c		ND	RC	N	ND
Double-crested Cormorant	5		RC	RC	ND	ND
Heermann's Gull	3b		CC	ND	N	CC
Yellow-footed Gull	3b		CC	N	N	N
Caspian Tern	4b		CC/RC	ND	N	ND
Elegant Tern	3b		CC/RC	CC	N	N
Common Tern	4b		RC	ND	N	N
Forster's Tern	3b		ND	RC	N	ND
Pigeon Guillemot	3b		N	CC	N	N
Cassin's Auklet	3c		RC	N	N	N

*AB=Arid Borderlands, CCM=Californian Coasts and Mountains, MH=Mexican Highlands, PL=Pacific Lowlands, corresponding to the Chapters in this Plan.

APPENDIX F. List of plant names used in this Plan.

Acacia (*Acacia* spp.)
Agave (*Agave* spp.)
Alligator Juniper (*Juniperus deppeana*)
Allthorn (*Koeberlinia spinosa*)
Ambrosia (such as ragweed)
Apache Pine (*Pinus engelmannii*)
Arizona Cypress (*Cupressus arizonica*)
Arizona Sycamore (*Plantanus wrightii*)
Arizona Walnut (*Juglans major*)
Arizona White oak (*Quercus arizonica*)
Artemisia (sagebrush)
Ash (*Fraxinus* spp.)
Baccharis spp. (such as seep willow and desert broom)
Black Willow (*Salix nigra*)
Blue Grama (*Bouteloua gracilis*)
Buffel grass (*Cenchrus ciliaris*)
Bulrushes (*Scirpus* spp.)
Bursera spp. (such as copal, torote)
California Blackberry (*Rubus vitifolius*)
California Black Oak (*Quercus kelloggii*)
California Sagebrush (*Artemesia californica*)
Canyon Live Oak (*Quercus chrysolepis*)
Cattail (*Typha domingensis*)
Ceanothus (*Ceanothus* spp.)
Chamisa-Chamiso de vera prieta (*Ademostoma fasciculatum*)
Chihuahuan Oak (*Quercus chihuahuensis*)
Chihuahuan Pine (*Pinus leiophylla* var. *chihuahuana*)
Coast Live Oak (*Quercus agrifolia*)
Cholla (*Opuntia* spp.)
Copal/Torote (*Bursera* spp.)
Cordgrass (*Spartina foliosa*)
Cottonwood (*Populus fremontii*)
Creosote (*Larrea tridentata*)
Cypress (*Cupressus* spp.)
Desert Hackberry (*Celtis pallida*)
Desert Willow (*Chilopsis linearis*)
Douglas Fir (*Pseudotsuga menziesii*)
Eelgrass (*Zostera marina*)
Elephant Tree (*Bursura microphylla*)
Emory Oak (*Q. emoryi*)
Engelmann Spruce (*Picea engelmannii*)
Eucalyptus (*Eucalyptus* spp.)
Fremont Cottonwood (*Populus fremontii*)

Glassworts (*Salicornia* spp.)
Goodding Willow (*Salix gooddingii*)
Grama (*Bouteloua* spp.)
Hecho/Cardón (*Pachycereus pecten-aboriginum*)
Incense Cedar (*Libocedrus decurrens*)
Ironwood (*Olneya tesota*)
Jeffrey Pine (*Pinus jeffreyi*)
Joshua Tree (*Yucca brevifolia*)
Juniper (*Juniperus* spp.)
Lehman's Lovegrass (*Eragrostis lehmanniana*)
Lemonade Sumac (*Rhus integrifolia*)
Lemon Berry (*Malosma laurina*)
Mangroves (Red, white, and black respectively *Rhizophora mangle*, *Laguncularia racemosa*,
and *Avicennia germinans*)
Manzanita (*Arctostaphylos* spp.)
Mauto (*Lysiloma divaricata*)
Mexican Blue Oak (*Q. oblongifolia*)
Mexican Elder (*Sambucus mexicana*)
Mesquite (*Prosopis* spp.)
Mistletoe (*Phoradendron californicum*)
Muhlenbergia spp. (such as Bush Muhly)
Oaks (*Quercus* spp.)
Ocotillo (*Fouquieria splendens*)
Olive Trees (*Elaeagnus angustifolia*)
Opuntia (*Opuntia* spp.)
Palm trees (such as *Sabal* spp., *Washingtonia* spp.)
Palo verde (*Cercidium* spp.)
Parry Buckeye (*Aesculus parryi*)
Pecan (*Carya illinoensis*)
Pickleweed (*Allenrolfea occidentalis*)
Pinyon Pine (*Pinus cembroides*)
Pochote/Kapok (*Ceiba acuminata*)
Poison Oak (*Rhus diversiloba*)
Ponderosa Pine (*Pinus ponderosa*)
Quaking Aspen (*Populus tremuloides*)
Rushes (*Juncus* spp.)
Sacaton (*Sporobolus* spp.)
Sages (*Salvia* spp.)
Saguaro (*Carnegiea gigantea*)
Saltbush (*Atriplex* spp.)
Salt cedar (*Tamarix chinensis*)
Saltgrass (*Distichilis* spp.)
Seagrass (*Zostera marina* or *Zostera* spp.)
Smoketree (*Psorothamnus spinosa*)
Soaptree yucca (*Yucca elata*)

Sugar Pine (*Pinus lambertiana*)
Sumac (*Rhus* spp.)
Sycamore (*Plantanus racemosa*)
Tarbush (*Flourensia cernua*)
Three-awns (*Aristada* spp.)
Velvet Ash (*Fraxinus pennsylvanica*)
White Alder (*Alnus rhombifolia*)
White Fir (*Abies concolor*)
Whitethorn Acacia (*Acacia neovernicosa*)
Willow (*Salix* spp.)
Yucca (*Yucca* spp.)

APPENDIX G. List of acronyms used in this Plan.

ABBA - Arizona Breeding Bird Atlas project (Corman and Wise-Gervais 2005)
AICA - Área de Importancia de las Conservación de las Aves
BBS - Breeding Bird Survey
BCR - Bird Conservation Region
BMP - Best Management Practices
CCM - Californian Coasts and Mountains authors
CDRI - Chihuahuan Desert Research Institute
CICESE - Centro de Investigación Científica y de Educación Superior de Ensenada
COBI - Comunidad y Biodiversidad, AC
CONAFOR - Comisión Nacional Forestal
CONANP - Comisión Nacional de Áreas Naturales Protegidas
GECI - Grupo de Ecología y Conservación de Islas
H&W - Howell and Webb 1995
IBA - Important Bird Area
INE - National Institute of Ecology
ISLA - Conservación de Territorio Isular
MX-PIF - Mexican Species Assessment Process
NABCI - North American Bird Conservation Initiative
NAWCA - North American Wetlands Conservation Act
NAWCP - North American Waterbird Conservation Plan
NAWMP - North American Waterfowl Management Plan
OHV - Off-road Vehicles
PIF - Partners in Flight
PS - Pacific Lowlands authors from Pronatura-Sinaloa
RD - Relative Density
R&M - Russell and Monson 1998
SEMARNAT - Secretaría de Medio Ambiente y Recursos Naturales
SJV - Sonoran Joint Venture
TDF - Tropical Deciduous Forest
USSCP - U.S. Shorebird Conservation Plan
WCR - Waterfowl Conservation Regions