

## COMMON BIRDS OF THE MARISMAS NACIONALES BIOSPHERE RESERVE

Jesús Alberto Loc-Barragán<sup>1</sup>, José Antonio Robles-Martínez<sup>2</sup>, Jonathan Vargas-Vega<sup>3</sup> and David Molina<sup>4</sup>

<sup>1</sup>Fotógrafos de Naturaleza A.C., <sup>2</sup>Universidad Autónoma de Nayarit, UAT, <sup>3</sup>Terra Peninsular A.C. and <sup>4</sup>Estación Ornitológica “Sierra de San Juan-La Noria”, Nayarit

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© Jesús Alberto Loc-Barragán [biolocbarragan@gmail.com], José Antonio Robles-Martínez [joanromanus@gmail.com], Jonathan Vargas-Vega [sanblasbird@gmail.com] and David Molina [biol.davidmt@gmail.com]

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**Signs:** (R) = residente/resident, (MI) = winter migratory, (SR) = summer resident; (♂) = Macho/Male, (♀) = Hembra/Female, (J) = Juvenil/Juvenile. **Status of concern (Mexico) based on NOM-059-SEMARNAT-2010:** PR: special protection; A: threatened; P: extinction risk; **IUCN, LC:** least concern; NT: near threatened; **Endemism,** E: endemic, CE: nearly endemic, SE: semiendemic, I: exotic, invasive. The numeric values are the **Vulnerability** index, which takes into account parameters like population size, geographic distribution, seasonal threats and population trend; index values vary from 4 until 20 and a higher value implies greater species vulnerability (Panjabi et al., 2005; Berlanga et al. 2015).

### Marismas Nacionales Biosphere Reserve and Birds

In northwest Mexico, Marismas Nacionales, an extensive estuarine system, it has been historically recognized for its importance for birds, especially waterfowl, shorebirds, herons and coastal birds like gulls and terns (Leopold, 1959; Morrison et al., 1994; Ortega-Solís, 2011).

The importance of Marismas Nacionales is recognized by numerous institutions, conservationist groups and government agencies. In 1992, the Western Hemispheric Shorebird Group decreed Marismas Nacionales as a site of International Importance for shorebirds, because it is used by at least 100,000 shorebirds during winter season (Morrison et al., 1992; Morrison et al., 1994). The Ramsar Convention (1995) designated it as a Ramsar site, for its value to human communities and wildlife. Subsequently, in 1998 it was included in the list of Important Bird Areas (IBA) of Mexico (IBA C-65). In addition, the North America Bird Conservation Initiative (NABCI) recognizes Marismas Nacionales as one of the most important sites for migratory bird conservation at a continental level. In addition, the National Commission for the Knowledge and Use of Biodiversity considers it as a marine, terrestrial and hydrological priority region (CONABIO, 2001). Finally, the Federal Government decreed it as a Natural Protected Area, under the category of Biosphere Reserve (DOF, 2010), for its mangrove forests and its importance for wildlife; it is noteworthy to say that also for the constant human use and exploitation of its resources (CONANP, 2005).

However, the estimated bird richness in the area depends on the scale and the limits considered. Taking into consideration the Biosphere Reserve, richness reaches around 288 species (CONABIO, 2017), but Birdlife (2017) recognizes around 396 species, in a more extensive area. This represents 53-72% of the total bird richness in the state of Nayarit (Jacobo 2014). Nevertheless, increasing study and observation effort has yielded new species records that have gradually increased the local richness (e.g. White-winged Scoter, Hooded Merganser, Sandhill Crane and American Flamingo; eBird 2017).

From 2010 to the present year, we conducted several surveys in the Biosphere Reserve Marismas Nacionales and in other adjacent areas outside the reserve but connected. We documented with photographs 164 species of birds, which are relatively common in the reserve. We intend this photographic guide to serve as a tool for students, professionals, decision makers, stakeholders, birders and others who are interested in bird diversity and the conservation of the area.

# NAYARIT, MÉXICO

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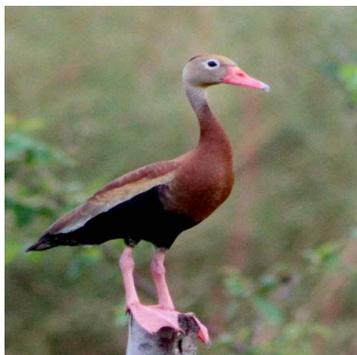
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**1** *Dendrocygna autumnalis*  
Black-bellied Whistling-Duck  
Pijije Ala Blanca  
(R) (LC) (8)  
Jesús Loc  
ANATIDAE



**2** *Anas discors* ♂  
Blue-winged Teal  
Cerceta Ala Azul  
(MI) (LC) (8)  
Antonio Robles  
ANATIDAE



**3** *Anas cyanoptera* ♂  
Cinnamon Teal  
Cerceta Canela  
(MI, R) (LC) (10)  
Antonio Robles  
ANATIDAE



**4** *Anas clypeata* ♂  
Northern Shoveler  
Pato Cucharón Norteño  
(MI) (LC) (7)  
Jesús Loc  
ANATIDAE



**5** *Anas acuta* ♂  
Northern Pintail  
Pato Golondrino  
(MI) (LC) (11)  
Antonio Robles  
ANATIDAE



**6** *Anas crecca* ♂  
Green-winged Teal  
Cerceta Ala Verde  
(MI) (LC) (6)  
Emmanuel Miramontes  
ANATIDAE



**7** *Aythya affinis* ♂ ♀  
Lesser Scaup  
Pato Boludo Menor  
(MI) (LC) (12)  
Antonio Robles  
ANATIDAE



**8** *Ortalis wagleri*  
Rufous-bellied Chachalaca  
Chachalaca Vientre Castaño  
(R) (LC) (E) (15)  
Antonio Robles  
CRACIDAE



**9** *Callipepla douglasii* ♂ ♀  
Elegant Quail  
Codorniz Cresta Dorada  
(R) (LC) (E) (14)  
Jesús Loc  
ODONTOPHORIDAE



**10** *Tachybaptus dominicus*  
Least Grebe  
Zambullidor Menor  
(R) (PR) (8)  
Antonio Robles  
PODICIPEDIDAE



**11** *Podiceps nigricollis*  
Eared Grebe  
Zambullidor Orejudo  
(MI) (LC) (9)  
Antonio Robles  
PODICIPEDIDAE



**12** *Patagioenas flavirostris*  
Red-billed Pigeon  
Paloma Morada  
(R) (LC) (12)  
Antonio Robles  
COLUMBIDAE

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**13** *Streptopelia decaocto*  
Eurasian Collared-Dove  
Tórtola Turca  
(R) (LC) (I) (5)  
Antonio Robles  
COLUMBIDAE



**14** *Columbina inca*  
Inca Dove  
Tórtola Cola Larga  
(R) (LC) (8)  
Antonio Robles  
COLUMBIDAE



**15** *Leptotila verreauxi*  
White-tipped Dove  
Paloma Arroyera  
(R) (LC) (8)  
Antonio Robles  
COLUMBIDAE



**16** *Zenaida asiatica*  
White-winged Dove  
Paloma Ala Blanca  
(R, MI) (LC) (8)  
Jesús Loc  
COLUMBIDAE



**17** *Piaya cayana*  
Squirrel Cuckoo  
Cuclillo Canela  
(R) (LC) (9)  
Antonio Robles  
CUCULIDAE



**18** *Coccyzus minor*  
Mangrove Cuckoo  
Cuclillo Manglero  
(R) (LC) (14)  
Antonio Robles  
CUCULIDAE



**19** *Crotophaga sulcirostris*  
Groove-billed Ani  
Garrapatero Pijuy  
(R) (LC) (7)  
Antonio Robles  
CUCULIDAE



**20** *Chordeiles acutipennis*  
Lesser Nighthawk  
Chotacabras menor  
(MI, R) (LC) (8)  
Antonio Robles  
CAPRIMULGIDAE



**21** *Nyctidromus albicollis*  
Common Pauraque  
Chotacabras Pauraque  
(R) (LC) (7)  
Jesús Loc  
CAPRIMULGIDAE



**22** *Nyctibius jamaicensis*  
Northern Potoo  
Bienparado Norteño  
(R) (LC) (14)  
Antonio Robles  
NYCTIBIDAE



**23** *Cynanthus latirostris*  
Broad-billed Hummingbird  
Colibrí Pico Ancho  
(R) (LC) (SE) (10)  
Antonio Robles  
TROCHILIDAE



**24** *Amazilia rutila*  
Cinnamon Hummingbird  
Colibrí Canela  
(R) (LC) (10)  
Antonio Robles  
TROCHILIDAE

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**25** *Amazilia violiceps*  
Violet-crowned Hummingbird  
Colibrí Corona Violeta  
(R) (LC) (SE) (10)  
Antonio Robles  
TROCHILIDAE



**26** *Rallus obsoletus*  
Ridgway's Rail  
Rascón Costero del Pacífico  
(R) (NT) (14)  
Antonio Robles  
RALLIDAE



**27** *Porzana carolina*  
Sora  
Polluela Sora  
(MI) (LC) (10)  
Antonio Robles  
RALLIDAE



**28** *Porphyrio martinicus*  
Purple Gallinule  
Gallineta Morada  
(R) (LC) (11)  
Antonio Robles  
RALLIDAE



**29** *Gallinula galeata*  
Common Gallinule  
Gallineta Frente Roja  
(R, MI) (LC) (8)  
David Molina  
RALLIDAE



**30** *Fulica americana*  
American Coot  
Gallareta Americana  
(MI, R) (LC) (11)  
Antonio Robles  
RALLIDAE



**31** *Aramus guarana*  
Limpkin  
Carao  
(R) (A) (11)  
Stefanny Villagómez  
ARAMIDAE



**32** *Himantopus mexicanus* ♀  
Black-necked Stilt  
Candelerero Americano  
(MI, R) (LC) (11)  
Jesús Loc  
RECURVIROSTRIDAE



**33** *Recurvirostra americana* ♂  
American Avocet  
Avoceta Americana  
(MI) (LC) (12)  
Jesús Loc  
RECURVIROSTRIDAE



**34** *Haematopus palliatus*  
American Oystercatcher  
Ostrero Americano  
(R) (P) (13)  
Antonio Robles  
HAEMOTOPODIDAE



**35** *Pluvialis squatarola*  
Black-bellied Plover  
Chorlo Gris  
(MI) (LC) (12)  
Antonio Robles  
CHARADRIIDAE



**36** *Charadrius collaris* ♂  
Collared Plover  
Chorlo de Collar  
(R) (LC) (12)  
Antonio Robles  
CHARADRIIDAE

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37 *Charadrius nivosus*  
Snowy Plover  
Chorlo Nevado  
(MI, R) (A) (14)  
Jonathan Vargas  
CHARADRIIDAE



38 *Charadrius wilsonia* ♂  
Wilson's Plover  
Chorlo Pico Grueso  
(R, MI) (LC) (14)  
Antonio Robles  
CHARADRIIDAE



39 *Charadrius semipalmatus*  
Semipalmated Plover  
Chorlo Semipalmeado  
(MI) (LC) (9)  
Stefanny Villagomez  
CHARADRIIDAE



40 *Charadrius vociferus*  
Killdeer  
Chorlo Tildío  
(R, MI) (LC) (9)  
Antonio Robles  
CHARADRIIDAE



41 *Jacana spinosa*  
Northern Jacana  
Jacana Norteña  
(R) (LC) (11)  
Jonathan Vargas  
JACANIDAE



42 *Numenius phaeopus*  
Whimbrel  
Zarapito Trinador  
(MI) (LC) (13)  
Jesús Loc  
SCOLOPACIDAE



43 *Numenius americanus*  
Long-billed Curlew  
Zarapito Pico Largo  
(MI) (LC) (15)  
Jesús Loc  
SCOLOPACIDAE



44 *Limosa fedoa*  
Marbled Godwit  
Picopando Canelo  
(MI) (LC) (15)  
Carlos Villar  
SCOLOPACIDAE



45 *Arenaria interpres*  
Ruddy Turnstone  
Vuelvepedras Rojizo  
(MI) (LC) (11)  
Stefanny Villagomez  
SCOLOPACIDAE



46 *Calidris canutus*  
Red Knot  
Playero Canuto  
(MI) (P) (15)  
Antonio Robles  
SCOLOPACIDAE



47 *Calidris himantopus*  
Stilt Sandpiper  
Playero Zancón  
(MI) (LC) (14)  
Antonio Robles  
SCOLOPACIDAE



48 *Calidris alba*  
Sanderling  
Playero Blanco  
(MI) (LC) (14)  
Antonio Robles  
SCOLOPACIDAE

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**49** *Calidris minutilla*  
Least Sandpiper  
Playero Chichichuilote  
(MI) (LC) (11)  
Antonio Robles  
SCOLOPACIDAE



**50** *Calidris mauri*  
Western Sandpiper  
Playero Occidental  
(MI) (LC) (15)  
Antonio Robles  
SCOLOPACIDAE



**51** *Limnodromus griseus*  
Short-billed Dowitcher  
Costurero Pico Corto  
(MI) (LC) (13)  
Antonio Robles  
SCOLOPACIDAE



**52** *Actitis macularia*  
Spotted Sandpiper  
Playero Alzacolita  
(MI) (LC) (9)  
Jesús Loc  
SCOLOPACIDAE



**53** *Tringa solitaria*  
Solitary Sandpiper  
Playero Solitario  
(MI) (LC) (12)  
Jesús Loc  
SCOLOPACIDAE



**54** *Tringa melanoleuca*  
Greater Yellowlegs  
Patamarilla Mayor  
(MI) (LC) (10)  
Antonio Robles  
SCOLOPACIDAE



**55** *Tringa semipalmata*  
Willet  
Playero Pihuiuí  
(MI) (LC) (14)  
Antonio Robles  
SCOLOPACIDAE



**56** *Tringa flavipes*  
Lesser Yellowlegs  
Patamarilla Menor  
(MI) (LC) (12)  
Antonio Robles  
SCOLOPACIDAE



**57** *Phalaropus tricolor*  
Wilson's Phalarope  
Falaropo Pico Largo  
(MI) (LC) (11)  
Antonio Robles  
SCOLOPACIDAE



**58** *Leucophaeus atricilla*  
Laughing Gull  
Gaviota Reidora  
(MI, R) (LC) (8)  
Antonio Robles  
LARIDAE



**59** *Larus heermanni*  
Heermann's Gull  
Gaviota Ploma  
(R) (PR) (NT) (SE) (16)  
Antonio Robles  
LARIDAE



**60** *Larus delawarensis*  
Ring-billed Gull  
Gaviota Pico Anillado  
(MI) (LC) (6)  
Antonio Robles  
LARIDAE

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**61** *Larus californicus*  
California Gull  
Gaviota Californiana  
(MI) (LC) (12)  
Antonio Robles  
LARIDAE



**62** *Sternula antillarum*  
Least Tern  
Charrán Mínimo  
(SR) (PR) (16)  
Antonio Robles  
LARIDAE



**63** *Gelochelidon nilotica*  
Gull-billed Tern  
Charrán Pico Grueso  
(R, MI) (LC) (14)  
Antonio Robles  
LARIDAE



**64** *Hydroprogne caspia*  
Caspian Tern  
Charrán Caspia  
(MI) (LC) (10)  
Stefanny Villagómez  
LARIDAE



**65** *Chlidonias niger*  
Black Tern  
Charrán Negro  
(MI) (LC) (12)  
Antonio Robles  
LARIDAE



**66** *Sterna forsteri*  
Forster's Tern  
Charrán de Forster  
(MI) (LC) (12)  
Antonio Robles  
LARIDAE



**67** *Sterna hirundo*  
Common Tern  
Charrán común  
(MI) (LC) (12)  
Antonio Robles  
LARIDAE



**68** *Thalasseus maximus*  
Royal Tern  
Charrán Real  
(MI, R) (PR) (12)  
Jesús Loc  
LARIDAE



**69** *Rynchops niger*  
Black Skimmer  
Rayador Americano  
(MI, R) (LC) (14)  
Antonio Robles  
LARIDAE



**70** *Mycteria americana*  
Wood Stork  
Cigüeña Americana  
(R) (PR) (13)  
Jesús Loc  
CICONIIDAE



**71** *Fregata magnificens* ♂ ♀  
Magnificent Frigatebird  
Fragata Magnífica  
(R) (LC) (16)  
Jonathan Vargas  
FREGATIDAE



**72** *Sula nebouxii*  
Blue-footed Booby  
Bobo Pata Azul  
(R) (PR) (16)  
Héctor Franz  
SULIDAE

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73 *Phalacrocorax brasilianus*  
Neotropic Cormorant  
Cormorán Oliváceo  
(R) (LC) (16)

Jesús Loc

PHALACROCORACIDAE



74 *Anhinga anhinga* ♀  
Anhinga  
Anhinga Americana  
(R) (LC) (10)

Jesús Loc

ANHINGIDAE



75 *Pelecanus erythrorhynchos*  
American White Pelican  
Pelícano Blanco  
(MI) (LC) (12)

Jesús Loc

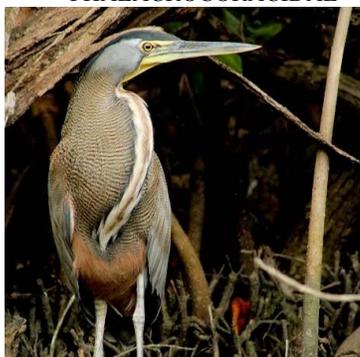
PELECANIDAE



76 *Pelecanus occidentalis*  
Brown Pelican  
Pelícano Pardo  
(R) (LC) (11)

Jesús Loc

PELECANIDAE



77 *Tigrisoma mexicanum*  
Bare-throated Tiger-Heron  
Garza Tigre Mexicana  
(R) (PR) (13)

Antonio Robles

ARDEIDAE



78 *Ardea herodias*  
Great Blue Heron  
Garza Morena  
(MI, R) (LC) (7)

Jesús Loc

ARDEIDAE



79 *Ardea alba*  
Great Egret  
Garza Blanca  
(MI, R) (LC) (7)

Jesús Loc

ARDEIDAE



80 *Egretta thula*  
Snowy Egret  
Garceta Pie Dorado  
(MI, R) (LC) (8)

Jesús Loc

ARDEIDAE



81 *Egretta caerulea*  
Little Blue Heron  
Garceta Azul  
(MI, R) (LC) (13)

Jesús Loc

ARDEIDAE



82 *Egretta tricolor*  
Tricolored Heron  
Garceta Tricolor  
(MI, R) (LC) (12)

Antonio Robles

ARDEIDAE



83 *Egretta rufescens*  
Reddish Egret  
Garceta Rojiza  
(MI, R) (PR) (18)

Jesús Loc

ARDEIDAE



84 *Bubulcus ibis*  
Cattle Egret  
Garza Ganadera  
(R, MI) (LC) (I) (6)

Antonio Robles

ARDEIDAE

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**85** *Butorides virescens*  
Green Heron  
Garceta Verde  
(R, MI) (LC) (11)  
Jesús Loc  
ARDEIDAE



**86** *Nycticorax nycticorax*  
Black-crowned Night-Heron  
Pedrete Corona Negra  
(R, MI) (LC) (10)  
Jesús Loc  
ARDEIDAE



**87** *Nyctanassa violacea*  
Yellow-crowned Night-Heron  
Pedrete Corona Clara  
(R, MI) (LC) (12)  
Jesús Loc  
ARDEIDAE



**88** *Cochlearius cochlearius*  
Boat-billed Heron  
Garza Cucharón  
(R) (LC) (10)  
Antonio Robles  
ARDEIDAE



**89** *Eudocimus albus*  
White Ibis  
Ibis Blanco  
(R, MI) (LC) (12)  
Jesús Loc  
THRESKIORNITHIDAE



**90** *Plegadis chihi*  
White-faced Ibis  
Ibis Cara Blanca  
(R, MI) (LC) (8)  
Jonathan Vargas  
THRESKIORNITHIDAE



**91** *Platalea ajaja*  
Roseate Spoonbill  
Espátula Rosada  
(R, MI) (LC) (9)  
Antonio Robles  
THRESKIORNITHIDAE



**92** *Coragyps atratus*  
Black Vulture  
Zopilote Común  
(R) (LC) (5)  
Jesús Loc  
CATHARTIDAE



**93** *Cathartes aura*  
Turkey Vulture  
Zopilote Aura  
(R) (LC) (5)  
Jesús Loc  
CATHARTIDAE



**94** *Pandion haliaetus*  
Osprey  
Gavilán Pescador  
(MI, R) (LC) (7)  
Antonio Robles  
PANDIONIDAE



**95** *Elanus leucurus*  
White-tailed Kite  
Milano Cola Blanca  
(R) (LC) (8)  
Antonio Robles  
ACCIPITRIDAE



**96** *Rostrhamus sociabilis* ♂  
Snail Kite  
Gavilán Caracolero  
(R) (PR) (9)  
Antonio Robles  
ACCIPITRIDAE

## NAYARIT, MÉXICO

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Jesús Alberto Loc-Barragán<sup>1</sup>, José Antonio Robles-Martínez<sup>2</sup>, Jonathan Vargas-Vega<sup>3</sup> and David Molina<sup>4</sup>

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**97** *Accipiter cooperii* (J)  
Cooper's Hawk  
Gavilán de Cooper  
(R, MI) (PR) (8)  
Antonio Robles  
ACCIPITRIDAE



**98** *Geranospiza caerulescens*  
Crane Hawk  
Gavilán Zancón  
(R) (A) (11)  
Antonio Robles  
ACCIPITRIDAE



**99** *Buteogallus anthracinus*  
Common Black Hawk  
Aguililla Negra Menor  
(R) (PR) (11)  
Jesús Loc  
ACCIPITRIDAE



**100** *Buteogallus urubitinga*  
Great Black Hawk  
Aguililla Negra Mayor  
(R) (PR) (12)  
Antonio Robles  
ACCIPITRIDAE



**101** *Parabuteo unicinctus*  
Harris Hawk  
Aguililla Rojinegra  
(R) (PR) (11)  
Jesús Loc  
ACCIPITRIDAE



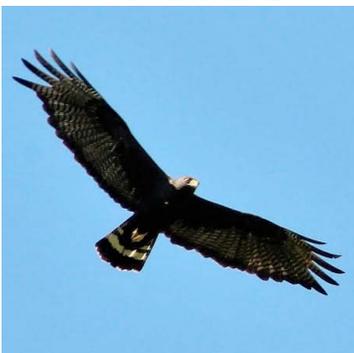
**102** *Buteo plagiatus*  
Gray Hawk  
Aguililla Gris  
(R) (LC) (8)  
Jesús Loc  
ACCIPITRIDAE



**103** *Buteo brachyurus*  
Short-tailed Hawk  
Aguililla Cola Corta  
(R) (LC) (10)  
Antonio Robles  
ACCIPITRIDAE



**104** *Buteo swainsoni*  
Swainson's Hawk  
Aguililla de Swainson  
(MI) (PR) (12)  
Antonio Robles  
ACCIPITRIDAE



**105** *Buteo albonotatus*  
Zone-tailed Hawk  
Aguililla Aura  
(MI, R) (PR) (10)  
Antonio Robles  
ACCIPITRIDAE



**106** *Buteo jamaicensis*  
Red-tailed Hawk  
Aguililla Cola Roja  
(R, MI) (LC) (6)  
Antonio Robles  
ACCIPITRIDAE



**107** *Tyto alba*  
Barn Owl  
Lechuga de Campanario  
(R) (M) (LC) (9)  
Antonio Robles  
TYTONIDAE



**108** *Glaucidium brasilianum*  
Ferruginous Pygmy-Owl  
Tecalote Bajeño  
(R) (LC) (8)  
Antonio Robles  
STRIGIDAE

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**109** *Athene cunicularia*  
Burrowing Owl  
Tecalote Llanero  
(R, MI) (LC) (12)  
Jonathan Vargas  
STRIGIDAE



**110** *Trogon citreolus*  
Citreoline Trogon  
Trogon citrino  
(R) (LC) (E) (16)  
Antonio Robles  
TROGONIDAE



**111** *Chloroceryle americana* ♀  
Green Kingfisher  
Martín Pescador Verde  
(R) (LC) (10)  
Jonathan Vargas  
ALCEDINIDAE



**112** *Melanerpes chrysogenys* ♂  
Golden-cheeked Woodpecker  
Carpintero Enmascarado  
(R) (LC) (E) (12)  
Antonio Robles  
PICIDAE



**113** *Melanerpes uropygialis* ♂  
Gila Woodpecker  
Carpintero del Desierto  
(R) (LC) (10)  
Antonio Robles  
PICIDAE



**114** *Picoides scalaris* ♂  
Ladder-backed Woodpecker  
Carpintero Mexicano  
(R) (LC) (9)  
Antonio Robles  
PICIDAE



**115** *Dryocopus lineatus*  
Lineated Woodpecker  
Carpintero Lineado  
(R) (LC) (9)  
Antonio Robles  
PICIDAE



**116** *Campephilus guatemalensis* ♂  
Pale-billed Woodpecker  
Carpintero Pico Plata  
(R) (PR) (14)  
Jesús Loc  
PICIDAE



**117** *Herpethotes cachinnans*  
Laughing Falcon  
Halcón Guaco  
(R) (PR) (10)  
Antonio Robles  
FALCONIDAE



**118** *Caracara cheriway*  
Crested Caracara  
Caracara Quebrantahuesos  
(R) (LC) (8)  
Jesús Loc  
FALCONIDAE



**119** *Falco sparverius* ♀  
American Kestrel  
Cernícalo Americano  
(MI, R) (LC) (11)  
Jesús Loc  
FALCONIDAE



**120** *Falco columbarius*  
Merlin  
Halcón Esmerejón  
(MI) (PR) (7)  
Jonathan Vargas  
FALCONIDAE

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**121** *Falco peregrinus*  
Peregrine Falcon  
Halcón Peregrino  
(MI, R) (PR) (9)  
Jonathan Vargas  
FALCONIDAE



**122** *Eupsittula canicularis*  
Orange-fronted Parakeet  
Perico Frente Naranja  
(R) (PR) (14)  
Jonathan Vargas  
PSITTACIDAE



**123** *Amazona albifrons*  
White-fronted Parrot  
Loro Frente Blanca  
(R) (PR) (12)  
Antonio Roble  
PSITTACIDAE



**124** *Xiphorhynchus flavigaster*  
Ivory-billed Woodcreeper  
Trepatroncos Bigotudo  
(R) (LC) (13)  
Antonio Robles  
FURNARIIDAE



**125** *Empidonax traillii*  
Willow Flycatcher  
Mosquero Saucero  
(MI) (LC) (10)  
Jonathan Vargas  
TYRANNIDAE



**126** *Empidonax minimus*  
Least Flycatcher  
Mosquero Mínimo  
(MI) (LC) (10)  
Jonathan Vargas  
TYRANNIDAE



**127** *Empidonax difficilis*  
Pacific-slope Flycatcher  
Mosquero Californiano  
(MI, R) (LC) (SE) (12)  
Antonio Robles  
TYRANNIDAE



**128** *Sayornis nigricans*  
Black Phoebe  
Papamoscas Negro  
(R, MI) (LC) (9)  
Jesús Loc  
TYRANNIDAE



**129** *Pyrocephalus rubinus*  
Vermilion Flycatcher  
Mosquero Cardenalito  
(R, MI) (LC) (5)  
Antonio Robles  
TYRANNIDAE



**130** *Myiarchus tuberculifer*  
Dusky-capped Flycatcher  
Papamoscas Triste  
(R) (LC) (9)  
Antonio Robles  
TYRANNIDAE



**131** *Myiarchus cinerascens*  
Ash-throated flycatcher  
Papamoscas Cenizo  
(MI, R) (LC) (9)  
Jonathan Vargas  
TYRANNIDAE



**132** *Pitangus sulphuratus*  
Great Kiskadee  
Luis Bienteveo  
(R) (LC) (5)  
Antonio Robles  
TYRANNIDAE

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**133** *Myiozetetes similis*  
Social Flycatcher  
Luis Gregario  
(R) (LC) (5)

Jesús Loc

TYRANNIDAE



**134** *Tyrannus melancholicus*  
Tropical Kingbird  
Tirano Tropical  
(R) (LC) (4)

Jesús Loc

TYRANNIDAE



**135** *Tyrannus crassirostris*  
Thick-billed Kingbird  
Tirano Pico Grueso  
(R, MI) (LC) (SE) (12)

Jesús Loc

TYRANNIDAE



**136** *Pachyramphus aglaiae* ♂  
Rose-throated Becard  
Mosquero Cabezón Degollado  
(R) (LC) (11)

Antonio Robles

TITYRIDAE



**137** *Lanius ludovicianus*  
Loggerhead Shrike  
Alcaudón Verdugo  
(R, MI) (LC) (11)

Antonio Robles

LANIIDAE



**138** *Calocitta colliei*  
Black-throated Magpie-Jay  
Urraca-hermosa Cara Negra  
(R) (LC) (E) (13)

Jesús Loc

CORVIDAE



**139** *Cyanocorax beecheii* (J)  
Purplish-backed Jay  
Chara Sinaloense  
(R) (P) (E) (17)

Jonathan Vargas

CORVIDAE



**140** *Corvus sinaloae*  
Sinaloa Crow  
Cuervo Sinaloense  
(R) (LC) (E) (11)

Jesús Loc

CORVIDAE



**141** *Tachycineta albilinea*  
Mangrove Swallow  
Golondrina Manglera  
(R) (LC) (11)

Antonio Robles

HIRUNDINIDAE



**142** *Thryophilus sinaloa*  
Sinaloa Wren  
Chivirín Sinaloense  
(R) (LC) (E) (13)

Antonio Robles

TROGLODYTIDAE



**143** *Poliptila caerulea*  
Blue-gray Gnatcatcher  
Perlita Azulgris  
(MI) (LC) (7)

Antonio Robles

POLIOPTILIDAE



**144** *Turdus rufopalliatu*  
Rufous-backed Robin  
Mirlo Dorso Canela  
(R) (LC) (E) (10)

David Molina

TURDIDAE

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145 *Mimus polyglottos*  
Northern Mockingbird  
Centzontle Norteño  
(R, MI) (LC) (8)

Jesús Loc

MIMIDAE



146 *Oreothlypis celata*  
Orange-crowned Warbler  
Chipe Corona Anaranjada  
(MI) (LC) (9)

Jonathan Vargas

PARULIDAE



147 *Oreothlypis ruficapilla*  
Nashville Warbler  
Chipe de Coronilla  
(MI) (LC) (9)

Antonio Robles

PARULIDAE



148 *Setophaga pitiayumi*  
Tropical Parula  
Parula Tropical  
(R) (LC) (10)

Jonathan Vargas

PARULIDAE



149 *Setophaga petechia*  
Yellow Warbler  
Chipe Amarillo  
(MI, R) (LC) (6)

Jesús Loc

PARULIDAE



150 *Setophaga coronata*  
Yellow-rumped Warbler  
Chipe Coronado  
(MI) (LC) (6)

Antonio Robles

PARULIDAE



151 *Icteria virens*  
Yellow-breasted Chat  
Buscabreña  
(MI, R) (LC) (9)

Antonio Robles

ICTERIIDAE



152 *Volatinia jacarina*  
Blue-black Grassquit  
Semillero Brincador  
(R) (LC) (4)

Jonathan Vargas

THRAUPIDAE



153 *Rhodinocichla rosea*  
Rosy Thrush-Tanager  
Tangara Cuitlacoche  
(R) (LC) (17)

Antonio Robles

RHODINOCICHLIDAE



154 *Melospiza kieneri*  
Rusty-crowned Ground-Sparrow  
Rascador Nuca Rufa  
(R) (LC) (E) (13)

Antonio Robles

PASSERELLIDAE



155 *Peucaea ruficauda*  
Stripe-headed Sparrow  
Zacatonero Corona Rayada  
(R) (LC) (11)

Antonio Robles

PASSERELLIDAE



156 *Chondestes grammacus*  
Lark Sparrow  
Gorrión Arlequín  
(MI) (LC) (10)

Jesús Loc

PASSERELLIDAE

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**157** *Passerculus sandwichensis*  
Savannah Sparrow  
Gorrión Sabanero  
(MI) (LC) (8)

Antonio Robles  
PASSERELLIDAE



**158** *Melospiza lincolnii*  
Lincoln's Sparrow  
Gorrión de Lincoln  
(MI) (LC) (7)

Antonio Robles  
ICTERIDAE



**159** *Quiscalus mexicanus* ♀  
Great-tailed Grackle  
Zanate Mexicano  
(R) (LC) (5)

Jonathan Vargas  
ICTERIDAE



**160** *Molothrus aeneus*  
Bronzed Cowbird  
Tordo Ojo Rojo  
(R) (LC) (6)

Jesús Loc  
ICTERIDAE



**161** *Molothrus ater* ♂  
Brown-headed Blackbird  
Tordo Cabeza Café  
(MI) (LC) (7)

Jonathan Vargas  
ICTERIDAE



**162** *Icterus pustulatus* ♀  
Streak-backed Oriole  
Bolsero Dorso Rayado  
(R) (LC) (10)

Jonathan Vargas  
ICTERIDAE



**163** *Icterus wagleri* ♂  
Black-vented Oriole  
Bolsero de Wagler  
(R) (LC) (12)

Jonathan Vargas  
ICTERIDAE



**164** *Cassiculus melanicterus* ♂  
Yellow-winged Cacique  
Cacique Mexicano  
(R) (CE) (LC) (10)

Antonio Robles  
ICTERIDAE



**153** JESÚS LOC

Biologist. Researcher for Biodiversa A.C., Nature Photographer for Fotógrafos de Naturaleza A.C and Environmental Educator of Grupo Ecologista Acaponeta A.C. Author/co-author of 25 peer-reviewed papers and has participated in national/international conferences. He currently collaborates in several wildlife projects in Nayarit.



**154** ANTONIO ROBLES

Student of Bachelor's Degree in Tourism. Nature photographer and specialized guide for bird watching. He currently collaborates in several monitoring bird projects in Nayarit.



**155** JONATHAN VARGAS

Biologist. Obtained his Master's of Science at Universidad Autónoma de BCS. Nature photographer and specialized birding guide, certificate of Nature and Culture Interpreter by the National Interpretation Association. Author/co-author of some peer-reviewed articles. He coordinates environmental conservation and wildlife programs.



**156** DAVID MOLINA

Marine Biologist. He has worked in various research and conservation bird projects at Marismas Nacionales. Currently coordinates environmental and conservation wildlife programs. Author and co-author of some peer-reviewed articles.