

# Checklist for Laughing Falcon Nature Reserve

(Adapted from Costa Rica's *Unión de Ornitólogos* Bird List)

## Notations

### *Estado/Status*

From the current, known distribution of birds within the country, we have compiled a list of species expected to be found within the Cañas Dulces area of Guanacaste.

| Clave | Significado                                                                                                                                                                                                                                      |
|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A     | <i>Accidental</i> / Accidental: species with fewer than 5 sightings in country.                                                                                                                                                                  |
| MN    | <i>Migratorio de Norteamérica</i> / North American Migrant: species that reproduce in northern hemisphere and Winter in Costa Rica or South America. May be species with migrant resident populations during the Winter or just passing through. |
| MS    | <i>Migratoria Sureña</i> / South American Migrant: species that reproduce in country then migrate to South America.                                                                                                                              |
| MAE   | <i>Migratorio de Europa y Asia</i> / Europe and Asia Migrant: migratory species with reproductive populations in Europe and Asia.                                                                                                                |
| M     | Marítimas / Seabirds: species of seabirds that spend at least a portion of the year within the continental waters of Costa Rica.                                                                                                                 |
| R     | <i>Residente</i> / Resident: species with reproductive populations within the country.                                                                                                                                                           |
| RN    | <i>Residente NO reproductivo en el país</i> / Non reproductive resident: species observed throughout the year but that are not known to reproduce.                                                                                               |
| e     | Endémico (Endemic): especies con poblaciones restringidas a Costa Rica, la Isla del Coco, tierras medias y altas de Costa Rica---Panamá, o zona fronteriza entre Costa Rica---Nicaragua.                                                         |

### *Hábitat/Habitat*

Our area falls within the Dry Forest (BS/DF) and Widespread Species (A/W)

| Clave             | Significado                                                                                                                                     |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| TA/HL             | <i>Tierras altas arriba de los 2000 m</i> / Highlands over 2000 m                                                                               |
| TB---M/<br>L---ME | <i>Tierras medias y bajas del nivel del mar hasta los 2000 m</i> / Lower and Middle elevation to 2000 m                                         |
| BS/DF             | <i>Bosque seco</i> / Dry forest                                                                                                                 |
| C/C               | <i>Caribe</i> / Caribbean slope                                                                                                                 |
| PS/SP             | <i>Pacífico sur del Río Grande de Tárcoles hasta la frontera con Panamá</i> / South Pacific from Rio Tarcoles to Panama                         |
| A/W               | <i>Distribuidos ampliamente en el país en diferentes tipos de bosques o en un gradiente altitudinal</i> / Widespread species                    |
| Co/Co             | <i>Especies que ocurren principalmente a lo largo de ambas costas e islotes adyacentes</i> / Birds observed along both coasts or nearby islands |
| O/O               | <i>Especies observadas principalmente en las aguas continentales de ambos océanos</i> / Birds observed along both oceans                        |

X = reported sightings; V = confirmed sightings within 5 km (3 mile) radius  
of Laughing Falcon Nature Reserve

| s | Hábitat en Costa Rica |        |    |   |    |   |    |   |           |
|---|-----------------------|--------|----|---|----|---|----|---|-----------|
|   | Habitat in Costa Rica |        |    |   |    |   |    |   |           |
|   | TA                    | TB---M | BS | C | PS | A | Co | O | Registro/ |
|   | HL                    | L---ME | DF | C | SP | W | Co | O | Check     |
|   |                       |        |    |   |    |   |    |   |           |
|   |                       |        |    |   |    |   |    |   |           |
|   |                       |        | √  |   |    |   |    |   |           |
|   |                       |        |    |   |    |   |    |   |           |
|   |                       |        |    |   |    |   |    |   |           |
|   |                       |        | x  | x | x  |   |    |   |           |
|   |                       |        |    |   |    |   |    |   |           |
|   |                       |        |    |   |    |   |    |   |           |
|   |                       |        | √  |   |    |   |    |   |           |
|   |                       |        |    |   |    | x |    |   |           |
|   |                       |        |    |   |    | x |    |   |           |
| x |                       |        |    |   |    |   |    |   |           |
|   |                       |        | √  |   |    | x |    |   |           |
|   |                       |        |    |   |    |   |    |   |           |
|   |                       |        | x  |   |    |   |    |   |           |
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|   |                       |        |    |   |    | x |    |   |           |
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|   |                       |        |    |   |    | x |    |   |           |
|   |                       |        |    |   |    |   |    |   |           |

|                                 |                                  |              |   |   |   |   |   |   |  |  |  |  |
|---------------------------------|----------------------------------|--------------|---|---|---|---|---|---|--|--|--|--|
| <i>Plegadis chihi</i>           | White---faced Ibis               | EX           |   |   | x |   |   |   |  |  |  |  |
| <b>ACCIPITRIFORMES</b>          |                                  |              |   |   |   |   |   |   |  |  |  |  |
| <b>Cathartidae (4)</b>          |                                  |              |   |   |   |   |   |   |  |  |  |  |
| <i>Coragyps atratus</i>         | Black Vulture                    | R            |   |   | √ |   |   | x |  |  |  |  |
| <i>Cathartes aura</i>           | Turkey Vulture                   | R, MN        |   |   | √ |   |   | x |  |  |  |  |
| <i>Sarcoramphus papa</i>        | King Vulture                     | R            |   | x | √ |   |   |   |  |  |  |  |
| <b>Pandionidae (1)</b>          |                                  |              |   |   |   |   |   |   |  |  |  |  |
| <i>Pandion haliaetus</i>        | Osprey                           | MN (RN)      |   |   |   |   |   | x |  |  |  |  |
| <b>Accipitridae (39)</b>        |                                  |              |   |   |   |   |   |   |  |  |  |  |
| <i>Leptodon cayanensis</i>      | Gray---headed Kite               | R            |   | x |   | x | x |   |  |  |  |  |
| <i>Chondrohierax uncinatus</i>  | Hook---billed Kite               | R            |   |   |   |   |   | x |  |  |  |  |
| <i>Elanoides forficatus</i>     | Swallow---tailed Kite            | R<br>(MN,MS) |   |   | √ |   |   | x |  |  |  |  |
| <i>Gampsonyx swainsonii</i>     | Pearl Kite                       | R            |   |   |   |   |   | x |  |  |  |  |
| <i>Elanus leucurus</i>          | White---tailed Kite              | R            |   |   |   |   |   | x |  |  |  |  |
| <i>Rostrhamus sociabilis</i>    | Snail Kite                       | R            |   |   | x | x |   |   |  |  |  |  |
| <i>Harpagus bidentatus</i>      | Double---toothed Kite            | R            |   |   |   |   |   | x |  |  |  |  |
| <i>Ictinia mississippiensis</i> | Mississippi Kite                 | MN           |   |   |   |   |   | x |  |  |  |  |
| <i>Circus cyaneus</i>           | Northern Harrier                 | MN           |   |   |   |   |   | x |  |  |  |  |
| <i>Accipiter striatus</i>       | Sharp---shinned Hawk             | MN           |   |   |   |   |   | x |  |  |  |  |
| <i>Accipiter cooperii</i>       | Cooper's Hawk                    | MN           |   |   |   |   |   | x |  |  |  |  |
| <i>Accipiter bicolor</i>        | Bicolored Hawk                   | R            |   |   |   |   |   | x |  |  |  |  |
| <i>Geranospiza caerulescens</i> | Crane Hawk                       | R            |   | x | x |   | x |   |  |  |  |  |
| <i>Buteogallus anthracinus</i>  | Common Black Hawk                | R            |   | x |   |   |   |   |  |  |  |  |
| <i>Buteogallus urubitinga</i>   | Great Black Hawk                 | R            |   | x |   |   |   | x |  |  |  |  |
| <i>Buteogallus solitarius</i>   | Solitary Eagle                   | R            |   | x |   |   |   |   |  |  |  |  |
| <i>Morphnarchus princeps</i>    | Barred Hawk                      | R            |   | x |   |   |   |   |  |  |  |  |
| <i>Pseudastur albicollis</i>    | White Hawk                       | R            |   | x |   | x | x |   |  |  |  |  |
| <i>Parabuteo unicinctus</i>     | Harris's Hawk                    | R            |   |   | x | x |   |   |  |  |  |  |
| <i>Buteo magnirostris</i>       | Roadside Hawk                    | R            |   |   |   |   |   | x |  |  |  |  |
| <i>Buteo platypterus</i>        | Broad---winged Hawk              | MN           |   |   |   |   |   | x |  |  |  |  |
| <i>Buteo plagiatus</i>          | Gray Hawk                        | R            |   |   |   |   |   | x |  |  |  |  |
| <i>Buteo brachyurus</i>         | Short---tailed Hawk              | R            |   |   |   |   |   | x |  |  |  |  |
| <i>Buteo swainsoni</i>          | Swainson's Hawk                  | MN           |   |   |   |   |   | x |  |  |  |  |
| <i>Buteo albicaudatus</i>       | White---tailed Hawk              | R            |   |   | x |   | x |   |  |  |  |  |
| <i>Buteo albonotatus</i>        | Zone---tailed Hawk               | R, MN        |   |   |   |   |   | x |  |  |  |  |
| <i>Buteo jamaicensis</i>        | Red---tailed Hawk                | R, MN        | x |   |   |   |   | x |  |  |  |  |
| <i>Spizaetus tyrannus</i>       | Black Hawk---Eagle               | R            |   | x |   |   |   |   |  |  |  |  |
| <i>Spizaetus ornatus</i>        | Ornate Hawk---Eagle              | R            |   |   |   |   |   | x |  |  |  |  |
| <i>Spizaetus melanoleucus</i>   | Black---and---white Hawk---Eagle | R            |   | x |   |   |   |   |  |  |  |  |
| <b>EURYPYGIFORMES</b>           |                                  |              |   |   |   |   |   |   |  |  |  |  |
| <b>Eurypygidae (1)</b>          |                                  |              |   |   |   |   |   |   |  |  |  |  |
| <i>Eurypyga helias</i>          | Sunbittern                       | R            |   |   | √ | x | x |   |  |  |  |  |

|                                  |                               |       |   |   |   |   |   |   |  |  |  |  |
|----------------------------------|-------------------------------|-------|---|---|---|---|---|---|--|--|--|--|
| <b>GRUIFORMES</b>                |                               |       |   |   |   |   |   |   |  |  |  |  |
| <b>Rallidae (16)</b>             |                               |       |   |   |   |   |   |   |  |  |  |  |
| <i>Rallus crepitans</i>          | Clapper Rail                  | R?    |   |   | x |   |   |   |  |  |  |  |
| <i>Aramides axillaris</i>        | Rufous---necked Wood---Rail   | R     |   |   | x |   |   |   |  |  |  |  |
| <i>Aramides cajaneus</i>         | Gray---necked Wood---Rail     | R     |   |   |   |   |   | x |  |  |  |  |
| <i>Porzana carolina</i>          | Sora                          | MN    |   |   |   |   |   | x |  |  |  |  |
| <i>Porzana flaviventer</i>       | Yellow---breasted Crake       | R     |   |   | x | x |   |   |  |  |  |  |
| <i>Neocrex erythrops</i>         | Paint---billed Crake          | R     |   |   |   |   |   | x |  |  |  |  |
| <i>Pardirallus maculatus</i>     | Spotted Rail                  | R     |   | x |   |   |   |   |  |  |  |  |
| <i>Porphyrio martinicus</i>      | Purple Gallinule              | R     |   |   |   |   |   | x |  |  |  |  |
| <i>Gallinula galeata</i>         | Common Gallinule              | R     |   |   |   |   |   | x |  |  |  |  |
| <i>Fulica americana</i>          | American Coot                 | R, MN |   |   |   |   |   | x |  |  |  |  |
| <b>Aramidae (1)</b>              |                               |       |   |   |   |   |   |   |  |  |  |  |
| <i>Aramus guarauna</i>           | Limpkin                       | R     |   |   | x |   |   |   |  |  |  |  |
| <b>CHARADRIIFORMES</b>           |                               |       |   |   |   |   |   |   |  |  |  |  |
| <b>Burhinidae (1)</b>            |                               |       |   |   |   |   |   |   |  |  |  |  |
| <i>Burhinus bistriatus</i>       | Double---striped Thick---Knee | R     |   |   | √ | x |   |   |  |  |  |  |
| <b>COLUMBIFORMES</b>             |                               |       |   |   |   |   |   |   |  |  |  |  |
| <b>Columbidae (25)</b>           |                               |       |   |   |   |   |   |   |  |  |  |  |
| <i>Columbina passerina</i>       | Common Ground---Dove          | R     |   |   | √ |   |   |   |  |  |  |  |
| <i>Claravis pretiosa</i>         | Blue Ground---Dove            | R     |   | x |   |   |   |   |  |  |  |  |
| <i>Geotrygon violacea</i>        | Violaceous Quail---Dove       | R     |   |   | x | x |   |   |  |  |  |  |
| <i>Leptotilaverreauxi</i>        | White---tipped Dove           | R     |   |   |   |   |   | x |  |  |  |  |
| <i>Zenaida asiatica</i>          | White---winged Dove           | R     |   |   |   |   |   | x |  |  |  |  |
| <i>Zenaida macroura</i>          | Mourning Dove                 | R, MN | x |   | x |   |   |   |  |  |  |  |
| <b>CUCULIFORMES</b>              |                               |       |   |   |   |   |   |   |  |  |  |  |
| <b>Cuculidae (12)</b>            |                               |       |   |   |   |   |   |   |  |  |  |  |
| <i>Piaya cayana</i>              | Squirrel Cuckoo               | R     |   |   | √ |   |   | x |  |  |  |  |
| <i>Coccyzus americanus</i>       | Yellow---billed Cuckoo        | MN    |   |   |   |   |   | x |  |  |  |  |
| <i>Coccyzus minor</i>            | Mangrove Cuckoo               | R, MN |   |   |   |   |   | x |  |  |  |  |
| <i>Coccyzus erythrophthalmus</i> | Black---billed Cuckoo         | MN    |   |   |   |   |   | x |  |  |  |  |
| <i>Dromococcyx phasianellus</i>  | Pheasant Cuckoo               | R     |   |   | x |   | x |   |  |  |  |  |
| <i>Morococcyx erythropygius</i>  | Lesser Ground---Cuckoo        | R     |   |   | x |   |   |   |  |  |  |  |
| <i>Crotophaga ani</i>            | Smooth---billed Ani           | R     |   |   |   |   | x |   |  |  |  |  |
| <i>Crotophaga sulcirostris</i>   | Groove---billed Ani           | R     |   |   | √ |   |   | x |  |  |  |  |
| <b>STRIGIFORMES</b>              |                               |       |   |   |   |   |   |   |  |  |  |  |
| <b>Tytonidae (1)</b>             |                               |       |   |   |   |   |   |   |  |  |  |  |
| <i>Tyto alba</i>                 | Barn---Owl                    | R     |   |   |   |   |   | x |  |  |  |  |
| <b>Strigidae (16)</b>            |                               |       |   |   |   |   |   |   |  |  |  |  |
| <i>Megascops cooperi</i>         | Pacific Screech---Owl         | R     |   |   | x |   |   |   |  |  |  |  |
| <i>Megascops guatemalae</i>      | Vermiculated Screech---Owl    | R     |   |   | x | x | x |   |  |  |  |  |
| <i>Lophotrix cristata</i>        | Crested Owl                   | R     |   |   |   |   |   | x |  |  |  |  |
| <i>Pulsatrix perspicillata</i>   | Spectacled Owl                | R     |   |   |   |   |   | x |  |  |  |  |

|                                 |                             |        |   |   |   |   |   |   |  |  |  |
|---------------------------------|-----------------------------|--------|---|---|---|---|---|---|--|--|--|
| <i>Bubo virginianus</i>         | Great Horned Owl            | A      |   | x | x |   |   |   |  |  |  |
| <i>Glaucidium brasilianum</i>   | Ferruginous Pygmy---Owl     | R      |   | x | x |   |   |   |  |  |  |
| <i>Athene canicularia</i>       | Burrowing Owl               | A      |   |   | x |   |   |   |  |  |  |
| <i>Ciccabavirgata</i>           | Mottled Owl                 | R      |   |   |   |   |   | x |  |  |  |
| <i>Ciccabanigrolineata</i>      | Black---and---white Owl     | R      |   | x |   |   |   |   |  |  |  |
| <b>CAPRIMULGIFORMES</b>         |                             |        |   |   |   |   |   |   |  |  |  |
| <b>Caprimulgidae (10)</b>       |                             |        |   |   |   |   |   |   |  |  |  |
| <i>Nyctidromus albigollis</i>   | Common Pauraque             | R      |   |   |   |   |   | x |  |  |  |
| <i>Antrostomus vociferus</i>    | Eastern Whip---poor---will  | MN     |   |   | x |   | x |   |  |  |  |
| <i>Hydropsalis cayennensis</i>  | White---tailed Nightjar     | MN     |   | x | x |   | x |   |  |  |  |
| <b>Nyctibiidae (3)</b>          |                             |        |   |   |   |   |   |   |  |  |  |
| <i>Nyctibius jamaicensis</i>    | Northern Potoo              | R      |   |   | x |   |   |   |  |  |  |
| <b>APODIFORMES</b>              |                             |        |   |   |   |   |   |   |  |  |  |
| <b>Apodidae (11)</b>            |                             |        |   |   |   |   |   |   |  |  |  |
| <i>Streptoprocne zonaris</i>    | White---collared Swift      | R , MN |   |   |   |   |   | x |  |  |  |
| <b>Trochilidae (53)</b>         |                             |        |   |   |   |   |   |   |  |  |  |
| <i>Phaethornis striigularis</i> | Stripe---throated Hermit    | R      |   | x |   |   |   |   |  |  |  |
| <i>Anthracothorax prevostii</i> | Green---breasted Mango      | R      |   |   | √ |   |   | x |  |  |  |
| <i>Helimaster constantii</i>    | Plain---capped Starthroat   | R      |   |   | x |   | x |   |  |  |  |
| <i>Archilochus colubris</i>     | Ruby---throated Hummingbird | R      |   |   |   |   |   | x |  |  |  |
| <i>Chlorostilbon canivetii</i>  | Canivet's Emerald           | R      |   |   | x |   |   |   |  |  |  |
| <i>Chlorostilbon assimilis</i>  | Garden Emerald              | R      |   |   |   | x | x |   |  |  |  |
| <i>Amazilia tzacatl</i>         | Rufous---tailed Hummingbird | R      |   |   | √ |   |   | x |  |  |  |
| <i>Amazilia rutila</i>          | Cinnamon Hummingbird        | R      |   |   | √ |   |   |   |  |  |  |
| <i>Hylocharis eliciae</i>       | Blue---throated Goldentail  | R      |   | x |   |   |   |   |  |  |  |
| <b>TROGONIFORMES</b>            |                             |        |   |   |   |   |   |   |  |  |  |
| <b>Trogonidae (10)</b>          |                             |        |   |   |   |   |   |   |  |  |  |
| <i>Trogon melanocephalus</i>    | Black---headed Trogon       | R      |   |   | x |   |   |   |  |  |  |
| <i>Trogon violaceus</i>         | Violaceous Trogon           | R (e)  |   |   | √ |   |   |   |  |  |  |
| <i>Pharomachrus mocinno</i>     | Resplendent Quetzal         | R      | x | x |   |   |   |   |  |  |  |
| <b>CORACIIFORMES</b>            |                             |        |   |   |   |   |   |   |  |  |  |
| <b>Momotidae (6)</b>            |                             |        |   |   |   |   |   |   |  |  |  |
| <i>Momotus momota</i>           | Blue---crowned Motmot       | R      |   | x | √ |   | x |   |  |  |  |
| <i>Eumomota superciliosa</i>    | Turquoise---browed Motmot   | R      |   |   | x |   |   |   |  |  |  |
| <b>Alcedinidae (6)</b>          |                             |        |   |   |   |   |   |   |  |  |  |
| <i>Megaceryle torquatus</i>     | Ringed Kingfisher           | R      |   |   |   |   |   | x |  |  |  |
| <i>Megaceryle alcyon</i>        | Belted Kingfisher           | MN     |   |   |   |   |   | x |  |  |  |
| <i>Chloroceryle amazona</i>     | Amazon Kingfisher           | R      |   |   |   |   |   | x |  |  |  |
| <i>Chloroceryle americana</i>   | Green Kingfisher            | R      |   |   |   |   |   | x |  |  |  |
| <b>PICIFORMES</b>               |                             |        |   |   |   |   |   |   |  |  |  |
| <b>Ramphastidae (6)</b>         |                             |        |   |   |   |   |   |   |  |  |  |
| <i>Pteroglossus torquatus</i>   | Collared Aracari            | R      |   |   | √ | x |   |   |  |  |  |

|                                    |                                  |       |  |   |   |   |   |   |  |  |  |
|------------------------------------|----------------------------------|-------|--|---|---|---|---|---|--|--|--|
| <i>Ramphastos sulfuratus</i>       | Keel---billed Toucan             | R     |  |   | √ | x |   |   |  |  |  |
| <b>Picidae (16)</b>                |                                  |       |  |   |   |   |   |   |  |  |  |
| <i>Melanerpes hoffmannii</i>       | Hoffmann's Woodpecker            | R     |  |   | √ |   |   | x |  |  |  |
| <i>Dryocopus lineatus</i>          | Lineated Woodpecker              | R     |  |   | √ |   |   | x |  |  |  |
| <i>Campephilus guatemalensis</i>   | Pale---billed Woodpecker         | R     |  |   |   |   |   | x |  |  |  |
| <b>FALCONIFORMES</b>               |                                  |       |  |   |   |   |   |   |  |  |  |
| <b>Falconidae (13)</b>             |                                  |       |  |   |   |   |   |   |  |  |  |
| <i>Milvago chimachima</i>          | Yellow---headed Caracara         | R     |  | x | √ |   | x |   |  |  |  |
| <i>Herpetotheres cachinnans</i>    | Laughing Falcon                  | R     |  |   | √ |   |   | x |  |  |  |
| <i>Falco sparverius</i>            | American Kestrel                 | MN    |  |   |   |   |   | x |  |  |  |
| <i>Falco columbarius</i>           | Merlin                           | MN    |  |   |   |   |   | x |  |  |  |
| <i>Falco femoralis</i>             | Aplomado Falcon                  | A     |  |   | x |   |   |   |  |  |  |
| <i>Falco rufigularis</i>           | Bat Falcon                       | R     |  |   |   |   |   | x |  |  |  |
| <i>Falco peregrinus</i>            | Peregrine Falcon                 | MN    |  |   |   |   |   | x |  |  |  |
| <b>PSITTACIFORMES</b>              |                                  |       |  |   |   |   |   |   |  |  |  |
| <b>Psittacidae (17)</b>            |                                  |       |  |   |   |   |   |   |  |  |  |
| <i>Eupsittula canicularis</i>      | Orange---fronted Parakeet        | R     |  |   | √ |   |   |   |  |  |  |
| <i>Ara macao</i>                   | Scarlet Macaw                    | R     |  |   | √ | x | x |   |  |  |  |
| <i>Psittacara finschi</i>          | Crimson---fronted Parakeet       | R (e) |  |   |   |   |   | x |  |  |  |
| <i>Brotogeris jugularis</i>        | Orange---chinned Parakeet        | R     |  |   |   |   |   | x |  |  |  |
| <i>Amazona albifrons</i>           | White---fronted Parrot           | R     |  | x | x | x |   |   |  |  |  |
| <i>Amazona auropalliata</i>        | Yellow---naped Parrot            | R     |  |   | x |   |   |   |  |  |  |
| <b>PASSERIFORMES</b>               |                                  |       |  |   |   |   |   |   |  |  |  |
| <b>Thamnophilidae (22)</b>         |                                  |       |  |   |   |   |   |   |  |  |  |
| <i>Thamnophilus doliatus</i>       | Barred Antshrike                 | R     |  |   |   |   |   | x |  |  |  |
| <i>Thamnophilus atrinucha</i>      | Black---crowned Antshrike        | R     |  |   | x | x |   |   |  |  |  |
| <b>Furnariidae (34)</b>            |                                  |       |  |   |   |   |   |   |  |  |  |
| <i>Dendrocincla homochroa</i>      | Ruddy Woodcreeper                | R     |  |   |   |   |   | x |  |  |  |
| <i>Dendrocolaptes sanctithomae</i> | Northern---barred Woodcreeper    | R     |  | x |   |   |   |   |  |  |  |
| <i>Xiphorhynchus flavigaster</i>   | Ivory---billed Woodcreeper       | R     |  |   | x |   |   |   |  |  |  |
| <i>Lepidocolaptes souleyetii</i>   | Streak---headed Woodcreeper      | R     |  | x |   |   |   | x |  |  |  |
| <b>Tyrannidae (82)</b>             |                                  |       |  |   |   |   |   |   |  |  |  |
| <i>Camptostoma imberbe</i>         | Northern Beardless---Tyrannulet  | R     |  |   | x |   |   |   |  |  |  |
| <i>Camptostoma obsoletum</i>       | Southern Beardless---Tyrannulet  | R     |  |   | x |   | x |   |  |  |  |
| <i>Phaeomyias murina</i>           | Mouse---colored Tyrannulet       | R     |  |   | x |   | x |   |  |  |  |
| <i>Sublegatus arenarum</i>         | Northern Scrub---Flycatcher      | R     |  |   | x |   | x |   |  |  |  |
| <i>oecilotriccus sylvia</i>        | Slate---headed Tody---Flycatcher | R     |  | x |   |   |   |   |  |  |  |
| <i>Todirostrum cinereum</i>        | Common Tody---Flycatcher         | R     |  |   |   |   |   | x |  |  |  |
| <i>Tolmomyias sulphurescens</i>    | Yellow---olive Flycatcher        | R     |  |   |   |   |   | x |  |  |  |
| <i>Platyrrinchus cancrominus</i>   | Stub---tailed Spadebill          | R     |  |   | x |   |   |   |  |  |  |
| <i>Onychorhynchus coronatus</i>    | Royal Flycatcher                 | R     |  | x |   |   |   |   |  |  |  |
| <i>Contopus cooperi</i>            | Olive---sided Flycatcher         | MN    |  |   |   |   |   | x |  |  |  |

|                                  |                               |    |  |  |   |   |   |   |   |  |  |
|----------------------------------|-------------------------------|----|--|--|---|---|---|---|---|--|--|
| <i>Contopussordidulus</i>        | Western Wood---Pewee          | MN |  |  |   |   |   | x |   |  |  |
| <i>Contopus cinereus</i>         | Tropical Pewee                | R  |  |  |   |   |   | x |   |  |  |
| <i>Empidonax flaviventris</i>    | Yellow---bellied Flycatcher   | MN |  |  |   |   |   | x |   |  |  |
| <i>Empidonax alnorum</i>         | Alder Flycatcher              | MN |  |  |   |   |   | x |   |  |  |
| <i>Empidonax traillii</i>        | Willow Flycatcher             | MN |  |  |   |   |   | x |   |  |  |
| <i>Pyrocephalus rubinus</i>      | Vermilion Flycatcher          | A  |  |  | x |   |   |   |   |  |  |
| <i>Attila spadiceus</i>          | Bright---rumped Attila        | R  |  |  |   |   |   | x |   |  |  |
| <i>Myiarchus tuberculifer</i>    | Dusky---capped Flycatcher     | R  |  |  |   |   |   | x |   |  |  |
| <i>Myiarchus panamensis</i>      | Panama Flycatcher             | R  |  |  | x |   | x |   |   |  |  |
| <i>Myiarchus cinerascens</i>     | Ash---throated Flycatcher     | A  |  |  | x |   |   |   |   |  |  |
| <i>Myiarchus nuttingi</i>        | Nutting's Flycatcher          | R  |  |  | √ |   |   |   |   |  |  |
| <i>Myiarchus crinitus</i>        | Great Crested Flycatcher      | MN |  |  |   |   |   | x |   |  |  |
| <i>Pitangus sulphuratus</i>      | Great Kiskadee                | R  |  |  |   |   |   | x |   |  |  |
| <i>Megarynchus pitangua</i>      | Boat---billed Flycatcher      | R  |  |  |   |   |   | x |   |  |  |
| <i>Myiozetetes similis</i>       | Social Flycatcher             | R  |  |  |   |   |   | x |   |  |  |
| <i>Myiodynastes maculatus</i>    | Streaked Flycatcher           | MS |  |  |   |   |   | x |   |  |  |
| <i>Myiodynastes luteiventris</i> | Sulphur---bellied Flycatcher  | MS |  |  |   |   |   | x |   |  |  |
| <i>Legatus leucophaeus</i>       | Piratic Flycatcher            | MS |  |  |   |   |   | x |   |  |  |
| <i>Tyrannus melancholicus</i>    | Tropical Kingbird             | R  |  |  |   |   |   | x |   |  |  |
| <i>Tyrannus verticalis</i>       | Western Kingbird              | MN |  |  | x |   | x |   |   |  |  |
| <i>Tyrannus forficatus</i>       | Scissor---tailed Flycatcher   | MN |  |  | x |   | x |   |   |  |  |
| <i>Tyrannus savana</i>           | Fork---tailed Flycatcher      | R  |  |  |   |   | x |   |   |  |  |
| <b>Tityridae (9)</b>             |                               |    |  |  |   |   |   |   |   |  |  |
| <i>Tityra inquisitor</i>         | Black---crowned Tityra        | R  |  |  | x | x | x |   |   |  |  |
| <b>Pipridae (8)</b>              |                               |    |  |  |   |   |   |   |   |  |  |
| <i>Chiroxiphi linearis</i>       | Long---tailed Manakin         | R  |  |  | x |   |   |   |   |  |  |
| <b>Vireonidae (16)</b>           |                               |    |  |  |   |   |   |   |   |  |  |
| <i>Vireo pallens</i>             | Mangrove Vireo                | R  |  |  | x |   | x |   |   |  |  |
| <i>Vireo flavifrons</i>          | Yellow---throated Vireo       | MN |  |  |   |   |   | x |   |  |  |
| <i>Vireo solitarius</i>          | Blue---headed Vireo           | MN |  |  |   |   |   | x |   |  |  |
| <i>Vireo gilvus</i>              | Warbling Vireo                | MN |  |  |   |   |   | x |   |  |  |
| <i>Vireo philadelphicus</i>      | Philadelphia Vireo            | MN |  |  |   |   |   | x |   |  |  |
| <i>Vireo flavoviridis</i>        | Yellow---green Vireo          | MS |  |  |   |   |   | x |   |  |  |
| <i>Hylophilus decurtatus</i>     | Lesser Greenlet               | R  |  |  |   |   |   | x |   |  |  |
| <i>Cyclarhis gujanensis</i>      | Rufous---browed Peppershrike  | R  |  |  |   |   |   | x |   |  |  |
| <b>Corvidae (5)</b>              |                               |    |  |  |   |   |   |   |   |  |  |
| <i>Calocitta formosa</i>         | White---throated Magpie---Jay | R  |  |  | √ |   |   |   |   |  |  |
| <i>Psilorhinus morio</i>         | Brown Jay                     | R  |  |  |   |   |   | x |   |  |  |
| <b>Hirundinidae (13)</b>         |                               |    |  |  |   |   |   |   |   |  |  |
| <i>Progne chalybea</i>           | Gray---breasted Martin        | R  |  |  |   |   |   | x |   |  |  |
| <i>Tachycineta bicolor</i>       | Tree Swallow                  | MN |  |  |   |   |   | x |   |  |  |
| <i>Tachycineta albilinea</i>     | Mangrove Swallow              | R  |  |  |   | x | x |   | x |  |  |

|                                      |                                 |    |  |  |   |   |   |   |  |  |  |
|--------------------------------------|---------------------------------|----|--|--|---|---|---|---|--|--|--|
| <i>Stelgidopteryx serripennis</i>    | Northern Rough---winged Swallow | MN |  |  |   |   |   | x |  |  |  |
| <i>Stelgidopteryx ruficollis</i>     | Southern Rough---winged Swallow | R  |  |  |   |   |   | x |  |  |  |
| <i>Riparia riparia</i>               | Bank Swallow                    | MN |  |  |   |   |   | x |  |  |  |
| <i>Petrochelidon pyrrhonota</i>      | Cliff Swallow                   | MN |  |  |   |   |   | x |  |  |  |
| <i>Hirundo rustica</i>               | Barn Swallow                    | MN |  |  |   |   |   | x |  |  |  |
| <b>Troglodytidae (22)</b>            |                                 |    |  |  |   |   |   |   |  |  |  |
| <i>Salpinctes obsoletus</i>          | Rock Wren                       | R  |  |  | x |   |   |   |  |  |  |
| <i>Troglodytes aedon</i>             | House Wren                      | R  |  |  |   |   |   | x |  |  |  |
| <i>Campylorhynchus rufinucha</i>     | Rufous---naped Wren             | R  |  |  | √ |   |   |   |  |  |  |
| <i>Pheugopedius rutilus</i>          | Rufous---breasted Wren          | R  |  |  | x |   | x |   |  |  |  |
| <i>Thryophilus rufalbus</i>          | Rufous---and---white Wren       | R  |  |  | x |   | x |   |  |  |  |
| <i>Thryophilus pleurostictus</i>     | Banded Wren                     | R  |  |  | x |   |   |   |  |  |  |
| <i>Cantorchilus modestus</i>         | Plain Wren                      | R  |  |  |   |   |   | x |  |  |  |
| <b>Poliophtilidae (4)</b>            |                                 |    |  |  |   |   |   |   |  |  |  |
| <i>Poliophtila albiloris</i>         | White---lored Gnatcatcher       | R  |  |  | x |   |   |   |  |  |  |
| <i>Poliophtila plumbea</i>           | Tropical Gnatcatcher            | R  |  |  |   |   |   | x |  |  |  |
| <b>Parulidae (53)</b>                |                                 |    |  |  |   |   |   |   |  |  |  |
| <i>Geothlypis trichas</i>            | Common Yellowthroat             | MN |  |  | √ |   |   | x |  |  |  |
| <b>Thraupidae (30)</b>               |                                 |    |  |  |   |   |   |   |  |  |  |
| <i>Eucometis penicillata</i>         | Gray---headed Tanager           | R  |  |  | x | x | x |   |  |  |  |
| <i>Thraupis episcopus</i>            | Blue---gray Tanager             | R  |  |  |   |   |   | x |  |  |  |
| <b>Emberizidae (41)</b>              |                                 |    |  |  |   |   |   |   |  |  |  |
| <i>Sicalis luteola</i>               | Grassland Yellow---Finch        | A  |  |  | x |   | x |   |  |  |  |
| <i>Arremonops rufivirgatus</i>       | Olive Sparrow                   | R  |  |  | x |   |   |   |  |  |  |
| <i>Aimophila rufescens</i>           | Rusty Sparrow                   | R  |  |  | x |   |   |   |  |  |  |
| <i>Peucaea ruficauda</i>             | Stripe---headed Sparrow         | R  |  |  | x |   |   |   |  |  |  |
| <i>Peucaea botterii</i>              | Botteri's Sparrow               | R  |  |  | x |   |   |   |  |  |  |
| <b>Cardinalidae (20)</b>             |                                 |    |  |  |   |   |   |   |  |  |  |
| <i>Piranga ludoviciana</i>           | Western Tanager                 | MN |  |  | x |   |   |   |  |  |  |
| <i>Habia rubica</i>                  | Red---crowned Ant---Tanager     | R  |  |  | x |   | x |   |  |  |  |
| <b>Icteridae (23)</b>                |                                 |    |  |  |   |   |   |   |  |  |  |
| <i>Sturnella magna</i>               | Eastern Meadowlark              | R  |  |  |   |   |   | x |  |  |  |
| <i>Xanthocephalus xanthocephalus</i> | Yellow---headed Blackbird       | A  |  |  | x |   |   |   |  |  |  |
| <i>Quiscalus mexicanus</i>           | Great---tailed Grackle          | R  |  |  |   |   |   | x |  |  |  |
| <i>Molothrus aeneus</i>              | Bronzed Cowbird                 | R  |  |  |   |   |   | x |  |  |  |
| <i>Icterus spurius</i>               | Orchard Oriole                  | R  |  |  |   |   |   | x |  |  |  |
| <i>Icterus pustulatus</i>            | Streak---backed Oriole          | R  |  |  | x |   |   |   |  |  |  |
| <i>Icterus pectoralis</i>            | Spot---breasted Oriole          | R  |  |  | x |   |   |   |  |  |  |
| <i>Icterus galbula</i>               | Baltimore Oriole                | MN |  |  |   |   |   | x |  |  |  |
| <i>Psarocolius wagleri</i>           | Chestnut---headed Oropendola    | R  |  |  |   | x | x |   |  |  |  |
| <i>Psarocolius montezuma</i>         | Montezuma Oropendola            | R  |  |  | √ |   |   | x |  |  |  |



|                              |                            |   |  |  |   |  |   |   |  |  |  |  |
|------------------------------|----------------------------|---|--|--|---|--|---|---|--|--|--|--|
| <b>Fringillidae (12)</b>     |                            |   |  |  |   |  |   |   |  |  |  |  |
| <i>Euphonia affinis</i>      | Scrub Euphonia             | R |  |  | x |  |   |   |  |  |  |  |
| <i>Euphonia hirundinacea</i> | Yellow---throated Euphonia | R |  |  |   |  |   | x |  |  |  |  |
| <b>Estrildidae (1)</b>       |                            |   |  |  |   |  |   |   |  |  |  |  |
| <i>Lonchura malacca</i>      | Tricolored Munia           | R |  |  | x |  | x |   |  |  |  |  |