



## Birding Tours Worldwide

### Cumulative Bird List – Costa Rica in Spring

Column A = number of tours **out of eleven** on which this species has been recorded

Column B = number of days this species was seen on the **2025** tour

Column C = maximum daily count for this species on the **2025** tour

Column D = H = Heard Only, N = Nesting Evidence, x = Also seen during **2025** tour

| <u>A</u> |                                        | <u>B</u> | <u>C</u> | <u>D</u> |                                 |
|----------|----------------------------------------|----------|----------|----------|---------------------------------|
| 3        | Highland Tinamou (Costa Rican)         |          |          |          | <i>Nothocercus bonapartei</i>   |
| 11       | Great Tinamou                          | 3        | 1        | H        | <i>Tinamus major</i>            |
| 11       | Little Tinamou                         | 3        | 6        | H        | <i>Crypturellus soui</i>        |
| 4        | Slaty-breasted Tinamou                 |          |          |          | <i>Crypturellus boucardi</i>    |
| 8        | Black-bellied Whistling-Duck (fulgens) | 1        | 16       |          | <i>Dendrocygna autumnalis</i>   |
| 8        | Muscovy Duck                           | 2        | 3        |          | <i>Cairina moschata</i>         |
| 5        | Blue-winged Teal                       |          |          |          | <i>Spatula discors</i>          |
| 1        | Northern Shoveler                      |          |          |          | <i>Spatula clypeata</i>         |
| 1        | Lesser Scaup                           |          |          |          | <i>Aythya affinis</i>           |
| 11       | Gray-headed Chachalaca                 | 5        | 20       |          | <i>Ortalis cinereiceps</i>      |
| 11       | Crested Guan                           | 5        | 5        |          | <i>Penelope purpurascens</i>    |
| 11       | Black Guan                             | 1        | 3        |          | <i>Chamaepetes unicolor</i>     |
| 11       | Great Curassow                         | 4        | 6        |          | <i>Crax rubra</i>               |
| 1        | Buffy-crowned Wood-Partridge           |          |          |          | <i>Dendrortyx leucophrys</i>    |
| 1        | Spot-bellied Bobwhite                  |          |          |          | <i>Colinus leucopogon</i>       |
| 6        | Marbled Wood-Quail                     | 1        | 5        | N        | <i>Odontophorus gujanensis</i>  |
| 5        | Black-breasted Wood-Quail              |          |          |          | <i>Odontophorus leucolaemus</i> |
| 10       | Spotted Wood-Quail                     | 1        | 4        | H        | <i>Odontophorus guttatus</i>    |
| 11       | Rock Pigeon (Feral Pigeon)             | 4        | 300      |          | <i>Columba livia</i>            |
| 11       | Pale-vented Pigeon                     | 10       | 5        |          | <i>Patagioenas cayennensis</i>  |
| 1        | Scaled Pigeon                          |          |          |          | <i>Patagioenas speciosa</i>     |
| 11       | Red-billed Pigeon                      | 5        | 25       |          | <i>Patagioenas flavirostris</i> |
| 11       | Band-tailed Pigeon (White-necked)      | 3        | 33       |          | <i>Patagioenas fasciata</i>     |
| 10       | Ruddy Pigeon (Berlepsch's)             | 2        | 2        |          | <i>Patagioenas subvinacea</i>   |
| 11       | Short-billed Pigeon                    | 4        | 4        |          | <i>Patagioenas nigrirostris</i> |
| 1        | Eurasian Collared-Dove                 |          |          |          | <i>Streptopelia decaocto</i>    |
| 11       | Inca Dove                              | 2        | 5        |          | <i>Columbina inca</i>           |
| 10       | Common Ground Dove                     | 1        | 1        |          | <i>Columbina passerina</i>      |
| 1        | Plain-breasted Ground Dove             |          |          |          | <i>Columbina minuta</i>         |



|    |                                       |   |    |   |                                 |
|----|---------------------------------------|---|----|---|---------------------------------|
| 11 | Ruddy Ground Dove                     | 6 | 8  |   | <i>Columbina talpacoti</i>      |
| 11 | Blue Ground Dove                      | 2 | 40 |   | <i>Claravis pretiosa</i>        |
| 4  | Ruddy Quail-Dove (Ruddy)              | 1 | 2  | H | <i>Geotrygon montana</i>        |
| 2  | Olive-backed Quail-Dove               | 1 | 1  |   | <i>Leptotrygon veraguensis</i>  |
| 11 | White-tipped Dove (White-tipped)      | 7 | 5  |   | <i>Leptotila verreauxi</i>      |
| 10 | Gray-chested Dove (cerviniventris)    | 1 | 1  | H | <i>Leptotila cassinii</i>       |
| 11 | Gray-chested Dove (rufinucha)         | 2 | 3  | N | <i>Leptotila cassinii</i>       |
| 4  | Buff-fronted Quail-Dove               | 2 | 3  |   | <i>Zentrygon costaricensis</i>  |
| 2  | Purplish-backed Quail-Dove            |   |    |   | <i>Zentrygon lawrencii</i>      |
| 3  | Chiriqui Quail-Dove                   |   |    |   | <i>Zentrygon chiriquensis</i>   |
| 11 | White-winged Dove                     | 6 | 40 |   | <i>Zenaida asiatica</i>         |
| 3  | Mourning Dove                         | 1 | 2  |   | <i>Zenaida macroura</i>         |
| 11 | Smooth-billed Ani                     | 2 | 6  |   | <i>Crotophaga ani</i>           |
| 11 | Groove-billed Ani                     | 3 | 16 |   | <i>Crotophaga sulcirostris</i>  |
| 8  | Striped Cuckoo                        | 1 | 3  | H | <i>Tapera naevia</i>            |
| 5  | Lesser Ground-Cuckoo                  |   |    |   | <i>Morococcyx erythropygus</i>  |
| 1  | Rufous-vented Ground-Cuckoo           |   |    |   | <i>Neomorphus geoffroyi</i>     |
| 11 | Squirrel Cuckoo (Middle America)      | 2 | 6  |   | <i>Piaya cayana</i>             |
| 4  | Mangrove Cuckoo                       | 1 | 1  |   | <i>Coccyzus minor</i>           |
| 2  | Lesser Nighthawk                      |   |    |   | <i>Chordeiles acutipennis</i>   |
| 4  | Short-tailed Nighthawk                |   |    |   | <i>Lurocalis semitorquatus</i>  |
| 11 | Common Pauraque                       | 4 | 2  | H | <i>Nyctidromus albicollis</i>   |
| 10 | Dusky Nightjar                        | 1 | 1  |   | <i>Antrostomus saturatus</i>    |
| 8  | Great Potoo                           | 1 | 1  |   | <i>Nyctibius grandis</i>        |
| 1  | Common Potoo                          |   |    |   | <i>Nyctibius griseus</i>        |
| 2  | Spot-fronted Swift                    | 1 | 40 |   | <i>Cypseloides cherriei</i>     |
| 4  | Chestnut-collared Swift               |   |    |   | <i>Streptoprocne rutila</i>     |
| 11 | White-collared Swift                  | 4 | 70 |   | <i>Streptoprocne zonaris</i>    |
| 11 | Gray-rumped Swift (phaeopygos)        | 1 | 15 |   | <i>Chaetura cinereiventris</i>  |
| 11 | Costa Rican Swift                     | 3 | 8  |   | <i>Chaetura fumosa</i>          |
| 2  | Chimney Swift                         |   |    |   | <i>Chaetura pelagica</i>        |
| 8  | Vaux's Swift (Richmond's)             |   |    |   | <i>Chaetura vauxi</i>           |
| 8  | Lesser Swallow-tailed Swift           | 2 | 1  |   | <i>Panyptila cayennensis</i>    |
| 11 | White-necked Jacobin                  | 4 | 3  | N | <i>Florisuga mellivora</i>      |
| 4  | White-tipped Sicklebill               | 1 | 3  | N | <i>Eutoxeres aquila</i>         |
| 2  | Bronzy Hermit                         |   |    |   | <i>Glaucis aeneus</i>           |
| 11 | Band-tailed Barbthroat                | 1 | 1  |   | <i>Threnetes ruckeri</i>        |
| 11 | Green Hermit                          | 2 | 4  |   | <i>Phaethornis guy</i>          |
| 11 | Long-billed Hermit (Central American) | 1 | 1  |   | <i>Phaethornis longirostris</i> |



|    |                                           |   |    |                                   |
|----|-------------------------------------------|---|----|-----------------------------------|
| 11 | Stripe-throated Hermit                    | 4 | 2  | <i>Phaethornis striigularis</i>   |
| 7  | Green-fronted Lancebill                   |   |    | <i>Doryfera ludovicae</i>         |
| 10 | Brown Violetear                           | 1 | 2  | <i>Colibri delphinae</i>          |
| 11 | Lesser Violetear (Costa Rican)            | 4 | 17 | <i>Colibri cyanotus</i>           |
| 9  | Purple-crowned Fairy                      | 2 | 2  | <i>Heliothryx barroti</i>         |
| 8  | Green-breasted Mango                      |   |    | <i>Anthracothorax prevostii</i>   |
| 9  | Green Thorntail                           |   |    | <i>Discosura conversii</i>        |
| 10 | Black-crested Coquette                    | 2 | 3  | <i>Lophornis helenae</i>          |
| 5  | White-crested Coquette                    |   |    | <i>Lophornis adorabilis</i>       |
| 11 | Green-crowned Brilliant                   | 2 | 8  | <i>Heliodoxa jacula</i>           |
| 11 | Talamanca Hummingbird                     | 2 | 10 | <i>Eugenes spectabilis</i>        |
| 9  | Long-billed Starthroat                    | 1 | 1  | <i>Heliomaster longirostris</i>   |
| 3  | Plain-capped Starthroat                   |   |    | <i>Heliomaster constantii</i>     |
| 11 | Fiery-throated Hummingbird                | 2 | 35 | <i>Panterpe insignis</i>          |
| 6  | White-bellied Mountain-gem                |   |    | <i>Lampornis hemileucus</i>       |
| 11 | Purple-throated Mountain-gem              | 1 | 3  | <i>Lampornis calolaemus</i>       |
| 11 | White-throated Mountain-gem (Gray-tailed) | 2 | 7  | <i>Lampornis castaneiventris</i>  |
| 11 | Magenta-throated Woodstar                 | 1 | 1  | <i>Philodice bryantae</i>         |
| 3  | Ruby-throated Hummingbird                 |   |    | <i>Archilochus colubris</i>       |
| 11 | Volcano Hummingbird (Heliotrope-throated) | 3 | 19 | <i>Selasphorus flammula</i>       |
| 1  | Volcano Hummingbird (Rose-throated)       | 1 | 2  | <i>Selasphorus flammula</i>       |
| 11 | Scintillant Hummingbird                   | 2 | 5  | <i>Selasphorus scintilla</i>      |
| 6  | Canivet's Emerald (Salvin's)              |   |    | <i>Cynanthus canivetii</i>        |
| 11 | Violet-headed Hummingbird                 | 3 | 6  | <i>Klais guimeti</i>              |
| 11 | Violet Sabrewing                          | 2 | 4  | <i>Campylopterus hemileucurus</i> |
| 8  | Bronze-tailed Plumeleteer                 | 3 | 3  | <i>Chalybura urochrysis</i>       |
| 11 | Crowned Woodnymph                         | 5 | 2  | <i>Thalurania colombica</i>       |
| 8  | Snowcap                                   |   |    | <i>Microchera albocoronata</i>    |
| 11 | Coppery-headed Emerald                    | 2 | 4  | <i>Microchera cupreiceps</i>      |
| 6  | White-tailed Emerald                      | 1 | 1  | <i>Microchera chionura</i>        |
| 11 | Stripe-tailed Hummingbird                 | 3 | 2  | <i>Eupherusa eximia</i>           |
| 9  | Black-bellied Hummingbird                 |   |    | <i>Eupherusa nigriventris</i>     |
| 11 | Scaly-breasted Hummingbird (Robert's)     | 2 | 9  | <i>Phaeochroa cuvierii</i>        |
| 3  | Scaly-breasted Hummingbird (Cuvier's)     | 2 | 3  | <i>Phaeochroa cuvierii</i>        |
| 10 | Blue-vented Hummingbird                   | 2 | 1  | <i>Saucerottia hoffmanni</i>      |
| 6  | Snowy-bellied Hummingbird                 | 1 | 1  | <i>Saucerottia edward</i>         |
| 10 | Cinnamon Hummingbird (Mainland)           | 1 | 3  | <i>Amazilia rutila</i>            |
| 11 | Rufous-tailed Hummingbird                 | 7 | 21 | <i>Amazilia tzacatl</i>           |
| 8  | Mangrove Hummingbird                      | 2 | 2  | N <i>Chrysuronia boucardi</i>     |



|    |                                     |   |     |   |                                   |
|----|-------------------------------------|---|-----|---|-----------------------------------|
| 10 | Blue-chested Hummingbird            | 2 | 4   |   | <i>Polyerata amabilis</i>         |
| 8  | Charming Hummingbird                | 2 | 2   |   | <i>Polyerata decora</i>           |
| 11 | Blue-throated Goldentail            | 4 | 4   | N | <i>Chlorestes eliciae</i>         |
| 8  | Uniform Crape                       | 3 | 2   |   | <i>Amaurolimnas concolor</i>      |
| 3  | Rufous-necked Wood-Rail             | 1 | 1   |   | <i>Aramides axillaris</i>         |
| 10 | Russet-naped Wood-Rail              | 1 | 1   |   | <i>Aramides albiventris</i>       |
| 9  | Gray-cowled Wood-Rail (Gray-cowled) | 3 | 3   |   | <i>Aramides cajaneus</i>          |
| 1  | Sora                                |   |     |   | <i>Porzana carolina</i>           |
| 1  | American Coot                       |   |     |   | <i>Fulica americana</i>           |
| 9  | Purple Gallinule                    |   |     |   | <i>Porphyrio martinica</i>        |
| 11 | White-throated Crape (Rufous-faced) | 1 | 6   |   | <i>Laterallus albigularis</i>     |
| 2  | White-throated Crape (Gray-faced)   | 1 | 2   |   | <i>Laterallus albigularis</i>     |
| 1  | Sungrebe                            |   |     |   | <i>Heliornis fulica</i>           |
| 11 | Double-striped Thick-knee           | 1 | 3   |   | <i>Hesperoburhinus bistriatus</i> |
| 11 | Black-necked Stilt                  | 2 | 30  |   | <i>Himantopus mexicanus</i>       |
| 6  | Black-bellied Plover                | 1 | 10  |   | <i>Pluvialis squatarola</i>       |
| 9  | Semipalmated Plover                 | 2 | 15  |   | <i>Charadrius semipalmatus</i>    |
| 9  | Southern Lapwing                    | 2 | 2   |   | <i>Vanellus chilensis</i>         |
| 3  | Wilson's Plover                     | 1 | 25  |   | <i>Anarhynchus wilsonia</i>       |
| 2  | Collared Plover                     |   |     |   | <i>Anarhynchus collaris</i>       |
| 11 | Northern Jacana                     | 2 | 8   | N | <i>Jacana spinosa</i>             |
| 11 | Whimbrel                            | 3 | 14  |   | <i>Numenius phaeopus</i>          |
| 3  | Short-billed Dowitcher              | 1 | 1   |   | <i>Limnodromus griseus</i>        |
| 11 | Spotted Sandpiper                   | 6 | 21  |   | <i>Actitis macularius</i>         |
| 6  | Solitary Sandpiper                  |   |     |   | <i>Tringa solitaria</i>           |
| 7  | Lesser Yellowlegs                   | 2 | 2   |   | <i>Tringa flavipes</i>            |
| 11 | Willet (Western)                    | 2 | 5   |   | <i>Tringa semipalmata</i>         |
| 6  | Greater Yellowlegs                  |   |     |   | <i>Tringa melanoleuca</i>         |
| 6  | Ruddy Turnstone                     | 1 | 30  |   | <i>Arenaria interpres</i>         |
| 5  | Stilt Sandpiper                     | 1 | 1   |   | <i>Calidris himantopus</i>        |
| 5  | Sanderling                          | 1 | 2   |   | <i>Calidris alba</i>              |
| 11 | Least Sandpiper                     | 3 | 50  |   | <i>Calidris minutilla</i>         |
| 7  | Western Sandpiper                   | 2 | 300 |   | <i>Calidris mauri</i>             |
| 6  | Semipalmated Sandpiper              | 1 | 200 |   | <i>Calidris pusilla</i>           |
| 11 | Laughing Gull                       | 1 | 9   |   | <i>Leucophaeus atricilla</i>      |
| 1  | Franklin's Gull                     |   |     |   | <i>Leucophaeus pipixcan</i>       |
| 1  | Black Skimmer                       |   |     |   | <i>Rynchops niger</i>             |
| 7  | Sandwich Tern (Cabot's)             |   |     |   | <i>Thalasseus sandvicensis</i>    |
| 3  | Elegant Tern                        |   |     |   | <i>Thalasseus elegans</i>         |



|    |                                    |    |     |                                  |
|----|------------------------------------|----|-----|----------------------------------|
| 11 | Royal Tern                         | 3  | 50  | <i>Thalasseus maximus</i>        |
| 2  | Least Grebe                        |    |     | <i>Tachybaptus dominicus</i>     |
| 1  | Pied-billed Grebe                  |    |     | <i>Podilymbus podiceps</i>       |
| 4  | Sunbittern                         | 1  | 1   | <i>Eurypyga helias</i>           |
| 2  | Jabiru                             | 1  | 1   | <i>Jabiru mycteria</i>           |
| 11 | Wood Stork                         | 3  | 1   | <i>Mycteria americana</i>        |
| 11 | Magnificent Frigatebird            | 3  | 35  | <i>Fregata magnificens</i>       |
| 1  | Cocos Booby                        |    |     | <i>Sula brewsteri</i>            |
| 11 | Anhinga                            | 2  | 1   | <i>Anhinga anhinga</i>           |
| 11 | Neotropic Cormorant                | 4  | 40  | <i>Nannopterum brasilianum</i>   |
| 11 | White Ibis                         | 4  | 25  | <i>Eudocimus albus</i>           |
| 10 | Green Ibis                         | 2  | 2   | <i>Mesembrinibis cayennensis</i> |
| 10 | Roseate Spoonbill                  |    |     | <i>Platalea ajaja</i>            |
| 11 | Bare-throated Tiger-Heron          | 4  | 3   | <i>Tigrisoma mexicanum</i>       |
| 10 | Fasciated Tiger-Heron              | 1  | 3   | <i>Tigrisoma fasciatum</i>       |
| 11 | Boat-billed Heron (Southern)       | 3  | 1   | <i>Cochlearius cochlearius</i>   |
| 1  | Pinnated Bittern                   |    |     | <i>Botaurus pinnatus</i>         |
| 2  | Least Bittern                      |    |     | <i>Botaurus exilis</i>           |
| 8  | Yellow-crowned Night Heron         | 2  | 5   | <i>Nyctanassa violacea</i>       |
| 6  | Black-crowned Night Heron          |    |     | <i>Nycticorax nycticorax</i>     |
| 11 | Little Blue Heron                  | 6  | 12  | <i>Egretta caerulea</i>          |
| 10 | Tricolored Heron                   | 3  | 8   | <i>Egretta tricolor</i>          |
| 1  | Reddish Egret                      |    |     | <i>Egretta rufescens</i>         |
| 11 | Snowy Egret                        | 3  | 8   | <i>Egretta thula</i>             |
| 11 | Green Heron (virescens/bahamensis) | 1  | 2   | <i>Butorides virescens</i>       |
| 11 | Western Cattle-Egret               | 9  | 200 | <i>Ardea ibis</i>                |
| 11 | Great Egret (American)             | 5  | 4   | <i>Ardea alba</i>                |
| 11 | Great Blue Heron                   | 1  | 2   | <i>Ardea herodias</i>            |
| 11 | Brown Pelican                      | 3  | 250 | <i>Pelecanus occidentalis</i>    |
| 11 | King Vulture                       | 3  | 5   | <i>Sarcoramphus papa</i>         |
| 11 | Black Vulture                      | 13 | 300 | <i>Coragyps atratus</i>          |
| 11 | Turkey Vulture                     | 13 | 75  | <i>Cathartes aura</i>            |
| 11 | Osprey                             | 1  | 3   | <i>Pandion haliaetus</i>         |
| 8  | White-tailed Kite                  | 1  | 1   | <i>Elanus leucurus</i>           |
| 2  | Hook-billed Kite                   |    |     | <i>Chondrohierax uncinatus</i>   |
| 9  | Gray-headed Kite                   | 5  | 3   | <i>Leptodon cayanensis</i>       |
| 11 | Swallow-tailed Kite                | 7  | 4   | <i>Elanoides forficatus</i>      |
| 5  | Black Hawk-Eagle                   |    |     | <i>Spizaetus tyrannus</i>        |
| 6  | Ornate Hawk-Eagle                  | 2  | 1   | <i>Spizaetus ornatus</i>         |



|    |                                     |   |   |   |                                     |
|----|-------------------------------------|---|---|---|-------------------------------------|
| 3  | Sharp-shinned Hawk                  | 1 | 1 |   | <i>Accipiter striatus</i>           |
| 1  | Cooper's Hawk                       |   |   |   | <i>Astur cooperii</i>               |
| 2  | Tiny Hawk                           |   |   |   | <i>Microspizias superciliosus</i>   |
| 11 | Double-toothed Kite                 | 4 | 3 |   | <i>Harpagus bidentatus</i>          |
| 1  | Mississippi Kite                    |   |   |   | <i>Ictinia mississippiensis</i>     |
| 6  | Plumbeous Kite                      | 1 | 2 |   | <i>Ictinia plumbea</i>              |
| 2  | Crane Hawk (Blackish)               |   |   |   | <i>Geranospiza caerulescens</i>     |
| 8  | Barred Hawk                         | 2 | 2 |   | <i>Morphnarchus princeps</i>        |
| 11 | Common Black Hawk                   | 3 | 7 |   | <i>Buteogallus anthracinus</i>      |
| 1  | Great Black Hawk (Northern)         |   |   |   | <i>Buteogallus urubitinga</i>       |
| 11 | Roadside Hawk (Northern)            | 4 | 4 |   | <i>Rupornis magnirostris</i>        |
| 11 | White Hawk (White-shouldered)       | 1 | 2 |   | <i>Pseudastur albicollis</i>        |
| 3  | Semiplumbeous Hawk                  | 1 | 1 |   | <i>Leucopternis semiplumbeus</i>    |
| 10 | Gray Hawk                           | 4 | 2 |   | <i>Buteo plagiatus</i>              |
| 9  | Gray-lined Hawk                     | 2 | 3 | N | <i>Buteo nitidus</i>                |
| 11 | Broad-winged Hawk (Northern)        | 5 | 2 |   | <i>Buteo platypterus</i>            |
| 4  | Zone-tailed Hawk                    | 3 | 1 |   | <i>Buteo albonotatus</i>            |
| 11 | Short-tailed Hawk                   | 3 | 1 |   | <i>Buteo brachyurus</i>             |
| 7  | Swainson's Hawk                     |   |   |   | <i>Buteo swainsoni</i>              |
| 9  | Red-tailed Hawk (costaricensis)     | 2 | 2 |   | <i>Buteo jamaicensis</i>            |
| 1  | American Barn Owl                   |   |   |   | <i>Tyto furcata</i>                 |
| 4  | Bare-shanked Screech-Owl            | 1 | 1 |   | <i>Megascops clarkii</i>            |
| 4  | Tropical Screech-Owl                |   |   |   | <i>Megascops choliba</i>            |
| 7  | Middle American Screech-Owl         |   |   |   | <i>Megascops guatemalae</i>         |
| 1  | Puntarenas Screech-Owl              | 2 | 1 | H | <i>Megascops [undescribed form]</i> |
| 9  | Pacific Screech-Owl (cooperi)       | 1 | 1 |   | <i>Megascops cooperi</i>            |
| 10 | Crested Owl                         | 1 | 1 |   | <i>Lophotrix cristata</i>           |
| 10 | Spectacled Owl                      | 2 | 1 |   | <i>Pulsatrix perspicillata</i>      |
| 4  | Costa Rican Pygmy-Owl               |   |   |   | <i>Glaucidium costaricanum</i>      |
| 9  | Ferruginous Pygmy-Owl (Ferruginous) | 1 | 5 |   | <i>Glaucidium brasilianum</i>       |
| 8  | Mottled Owl (Mottled)               | 2 | 1 |   | <i>Strix virgata</i>                |
| 5  | Black-and-white Owl                 | 3 | 2 |   | <i>Strix nigrolineata</i>           |
| 1  | Striped Owl                         | 1 | 1 |   | <i>Asio clamator</i>                |
| 1  | Unspotted Saw-whet Owl              | 1 | 1 |   | <i>Aegolius ridgwayi</i>            |
| 11 | Resplendent Quetzal                 | 3 | 3 |   | <i>Pharomachrus mocinno</i>         |
| 3  | Lattice-tailed Trogon               | 1 | 1 |   | <i>Trogon clathratus</i>            |
| 11 | Slaty-tailed Trogon (Massena)       | 4 | 2 |   | <i>Trogon massena</i>               |
| 11 | Black-headed Trogon                 | 1 | 7 |   | <i>Trogon melanocephalus</i>        |
| 10 | Baird's Trogon                      | 2 | 2 |   | <i>Trogon bairdii</i>               |



|    |                                  |   |    |   |                                  |
|----|----------------------------------|---|----|---|----------------------------------|
| 11 | Gartered Trogon                  | 1 | 1  | H | <i>Trogon caligatus</i>          |
| 11 | Northern Black-throated Trogon   | 4 | 5  |   | <i>Trogon tenellus</i>           |
| 11 | Collared Trogon (Orange-bellied) | 1 | 1  |   | <i>Trogon collaris</i>           |
| 10 | Collared Trogon (Collared)       | 1 | 1  |   | <i>Trogon collaris</i>           |
| 11 | Lesson's Motmot                  | 7 | 2  |   | <i>Momotus lessonii</i>          |
| 11 | Rufous Motmot                    | 1 | 2  |   | <i>Baryphthengus martii</i>      |
| 3  | Keel-billed Motmot               |   |    |   | <i>Electron carinatum</i>        |
| 11 | Broad-billed Motmot              | 3 | 4  |   | <i>Electron platyrhynchum</i>    |
| 11 | Turquoise-browed Motmot          | 2 | 5  |   | <i>Eumomota superciliosa</i>     |
| 11 | Ringed Kingfisher                | 5 | 2  |   | <i>Megaceryle torquata</i>       |
| 7  | Belted Kingfisher                |   |    |   | <i>Megaceryle alcyon</i>         |
| 10 | Amazon Kingfisher                | 1 | 1  |   | <i>Chloroceryle amazona</i>      |
| 8  | American Pygmy Kingfisher        |   |    |   | <i>Chloroceryle aenea</i>        |
| 11 | Green Kingfisher                 | 5 | 6  |   | <i>Chloroceryle americana</i>    |
| 9  | White-necked Puffbird            | 2 | 1  |   | <i>Notharchus hyperrhynchus</i>  |
| 4  | Pied Puffbird                    |   |    |   | <i>Notharchus tectus</i>         |
| 8  | White-whiskered Puffbird         | 2 | 3  |   | <i>Malacoptila panamensis</i>    |
| 1  | White-fronted Nunbird            |   |    |   | <i>Monasa morphoeus</i>          |
| 11 | Rufous-tailed Jacamar            | 4 | 4  |   | <i>Galbula ruficauda</i>         |
| 8  | Red-headed Barbet                | 1 | 2  |   | <i>Eubucco bourcierii</i>        |
| 10 | Prong-billed Barbet              |   |    |   | <i>Semnornis frantzii</i>        |
| 11 | Northern Emerald-Toucanet        | 3 | 3  |   | <i>Aulacorhynchus prasinus</i>   |
| 11 | Collared Aracari                 | 3 | 5  |   | <i>Pteroglossus torquatus</i>    |
| 11 | Fiery-billed Aracari             | 4 | 14 |   | <i>Pteroglossus frantzii</i>     |
| 1  | Yellow-eared Toucanet            |   |    |   | <i>Selenidera spectabilis</i>    |
| 11 | Yellow-throated Toucan           | 9 | 12 | N | <i>Ramphastos ambiguus</i>       |
| 11 | Keel-billed Toucan               | 6 | 7  |   | <i>Ramphastos sulfuratus</i>     |
| 9  | Olivaceous Piculet               |   |    |   | <i>Picumnus olivaceus</i>        |
| 2  | Yellow-bellied Sapsucker         |   |    |   | <i>Sphyrapicus varius</i>        |
| 11 | Acorn Woodpecker (Acorn)         | 2 | 1  |   | <i>Melanerpes formicivorus</i>   |
| 11 | Golden-naped Woodpecker          | 2 | 4  |   | <i>Melanerpes chrysauchen</i>    |
| 11 | Black-cheeked Woodpecker         | 3 | 7  |   | <i>Melanerpes pucherani</i>      |
| 11 | Red-crowned Woodpecker           | 2 | 5  |   | <i>Melanerpes rubricapillus</i>  |
| 11 | Hoffmann's Woodpecker            | 5 | 13 |   | <i>Melanerpes hoffmannii</i>     |
| 9  | Hairy Woodpecker (Costa Rican)   | 2 | 2  |   | <i>Dryobates villosus</i>        |
| 8  | Smoky-brown Woodpecker           |   |    |   | <i>Dryobates fumigatus</i>       |
| 7  | Red-rumped Woodpecker            | 2 | 2  |   | <i>Dryobates kirkii</i>          |
| 11 | Pale-billed Woodpecker           | 4 | 2  |   | <i>Campephilus guatemalensis</i> |
| 11 | Lineated Woodpecker (Lineated)   | 2 | 4  |   | <i>Dryocopus lineatus</i>        |



|    |                                        |    |    |   |                                    |
|----|----------------------------------------|----|----|---|------------------------------------|
| 8  | Cinnamon Woodpecker                    | 1  | 2  |   | <i>Celeus loricatus</i>            |
| 8  | Chestnut-colored Woodpecker            | 1  | 2  |   | <i>Celeus castaneus</i>            |
| 7  | Rufous-winged Woodpecker               | 1  | 2  |   | <i>Piculus simplex</i>             |
| 9  | Golden-olive Woodpecker (Golden-olive) | 4  | 3  |   | <i>Colaptes rubiginosus</i>        |
| 11 | Laughing Falcon                        | 1  | 3  |   | <i>Herpetotheres cachinnans</i>    |
| 4  | Collared Forest-Falcon                 |    |    |   | <i>Micrastur semitorquatus</i>     |
| 6  | Barred Forest-Falcon                   | 1  | 1  | H | <i>Micrastur ruficollis</i>        |
| 11 | Crested Caracara (Northern)            | 7  | 9  |   | <i>Caracara plancus</i>            |
| 11 | Yellow-headed Caracara                 | 3  | 3  |   | <i>Daptrius chimachima</i>         |
| 5  | American Kestrel                       |    |    |   | <i>Falco sparverius</i>            |
| 2  | Merlin                                 |    |    |   | <i>Falco columbarius</i>           |
| 6  | Bat Falcon                             | 4  | 2  |   | <i>Falco rufigularis</i>           |
| 4  | Peregrine Falcon                       |    |    |   | <i>Falco peregrinus</i>            |
| 1  | Red-fronted Parrotlet                  |    |    |   | <i>Touit costaricensis</i>         |
| 5  | Barred Parakeet                        | 1  | 1  | H | <i>Bolborhynchus lineola</i>       |
| 11 | Orange-chinned Parakeet                | 10 | 14 |   | <i>Brotogeris jugularis</i>        |
| 11 | Brown-hooded Parrot                    | 5  | 3  |   | <i>Pyrilia haematotis</i>          |
| 11 | White-crowned Parrot                   | 7  | 4  |   | <i>Pionus senilis</i>              |
| 11 | Red-ored Amazon                        | 8  | 20 |   | <i>Amazona autumnalis</i>          |
| 8  | Yellow-naped Amazon                    | 1  | 4  |   | <i>Amazona auropalliata</i>        |
| 10 | White-fronted Amazon                   | 2  | 2  |   | <i>Amazona albifrons</i>           |
| 9  | Mealy Amazon                           | 1  | 4  |   | <i>Amazona farinosa</i>            |
| 10 | Sulphur-winged Parakeet                | 1  | 5  |   | <i>Pyrrhura hoffmanni</i>          |
| 10 | Olive-throated Parakeet                | 1  | 8  |   | <i>Eupsittula nana</i>             |
| 11 | Orange-fronted Parakeet                | 1  | 12 |   | <i>Eupsittula canicularis</i>      |
| 9  | Great Green Macaw                      | 1  | 6  |   | <i>Ara ambiguus</i>                |
| 11 | Scarlet Macaw                          | 6  | 29 |   | <i>Ara macao</i>                   |
| 11 | Crimson-fronted Parakeet               | 2  | 20 |   | <i>Psittacara finschi</i>          |
| 10 | Fasciated Antshrike                    | 2  | 2  |   | <i>Cymbilaimus lineatus</i>        |
| 11 | Great Antshrike                        | 1  | 2  |   | <i>Taraba major</i>                |
| 11 | Barred Antshrike (Barred)              | 4  | 2  |   | <i>Thamnophilus doliatus</i>       |
| 11 | Black-crowned Antshrike                | 1  | 3  |   | <i>Thamnophilus atrinucha</i>      |
| 11 | Black-hooded Antshrike                 | 3  | 2  |   | <i>Thamnophilus bridgesi</i>       |
| 9  | Russet Antshrike (Tawny)               | 1  | 1  |   | <i>Thamnistes anabatinus</i>       |
| 6  | Plain Antwren                          |    |    |   | <i>Dysithamnus mentalis</i>        |
| 8  | Streak-crowned Antwren                 | 1  | 2  |   | <i>Dysithamnus striaticeps</i>     |
| 7  | Checker-throated Stipplethroat         | 1  | 1  |   | <i>Epinecrophylla fulviventris</i> |
| 2  | White-flanked Antwren                  | 1  | 4  |   | <i>Myrmotherula axillaris</i>      |
| 9  | Slaty Antwren                          |    |    |   | <i>Myrmotherula schisticolor</i>   |



|    |                                                 |   |   |   |                                    |
|----|-------------------------------------------------|---|---|---|------------------------------------|
| 11 | Dot-winged Antwren (Boucard's)                  | 2 | 6 |   | <i>Microrhopias quixensis</i>      |
| 8  | Dusky Antbird (tyrannina/crepera)               |   |   |   | <i>Cercomacroides tyrannina</i>    |
| 1  | Bare-crowned Antbird                            |   |   |   | <i>Gymnocichla nudiceps</i>        |
| 11 | Chestnut-backed Antbird (Chestnut-backed)       | 4 | 4 |   | <i>Poliocrania exsul</i>           |
| 7  | Dull-mantled Antbird                            |   |   |   | <i>Sipia laemosticta</i>           |
| 8  | Zeledon's Antbird (Zeledon's)                   | 1 | 1 |   | <i>Hafferia zeledoni</i>           |
| 7  | Bicolored Antbird                               | 1 | 1 |   | <i>Gymnopithys bicolor</i>         |
| 6  | Spotted Antbird                                 |   |   |   | <i>Hylophylax naevioides</i>       |
| 3  | Ocellated Antbird                               |   |   |   | <i>Phaenostictus mcleannani</i>    |
| 1  | Black-crowned Antpitta                          |   |   |   | <i>Pittasoma michleri</i>          |
| 1  | Scaled Antpitta (princeps/chocoensis)           |   |   |   | <i>Grallaria guatemalensis</i>     |
| 1  | Streak-chested Antpitta (Pacific Slope)         |   |   |   | <i>Hylopezus perspicillatus</i>    |
| 1  | Streak-chested Antpitta (Atlantic Slope)        | 1 | 2 | H | <i>Hylopezus perspicillatus</i>    |
| 9  | Thicket Antpitta                                |   |   |   | <i>Myrmothera dives</i>            |
| 10 | Silvery-fronted Tapaculo                        | 1 | 1 |   | <i>Scytalopus argentifrons</i>     |
| 11 | Black-faced Antthrush (Central American)        | 3 | 2 |   | <i>Formicarius analis</i>          |
| 1  | Rufous-breasted Antthrush                       |   |   |   | <i>Formicarius rufipectus</i>      |
| 3  | Middle American Leaf Tosser (Costa Rican)       |   |   |   | <i>Sclerurus mexicanus</i>         |
| 4  | Scaly-throated Leaf Tosser                      | 2 | 1 |   | <i>Sclerurus guatemalensis</i>     |
| 1  | Gray-throated Leaf Tosser                       |   |   |   | <i>Sclerurus albigularis</i>       |
| 8  | Olivaceous Woodcreeper (Grayish)                | 2 | 2 |   | <i>Sittasomus griseicapillus</i>   |
| 2  | Piping Woodcreeper                              | 1 | 1 | H | <i>Deconychura typica</i>          |
| 4  | Ruddy Woodcreeper                               | 1 | 1 |   | <i>Dendrocincla homochroa</i>      |
| 7  | Tawny-winged Woodcreeper                        |   |   |   | <i>Dendrocincla anabatina</i>      |
| 3  | Plain-brown Woodcreeper (Plain-brown)           | 2 | 2 |   | <i>Dendrocincla fuliginosa</i>     |
| 11 | Wedge-billed Woodcreeper (pectoralis Group)     | 3 | 8 |   | <i>Glyphorhynchus spirurus</i>     |
| 10 | Northern Barred-Woodcreeper (Western)           | 2 | 2 |   | <i>Dendrocolaptes sanctithomae</i> |
| 11 | Cocoa Woodcreeper (Lawrence's)                  | 6 | 6 |   | <i>Xiphorhynchus susurrans</i>     |
| 9  | Black-striped Woodcreeper                       | 2 | 2 |   | <i>Xiphorhynchus lachrymosus</i>   |
| 11 | Spotted Woodcreeper (Berlepsch's)               | 1 | 1 |   | <i>Xiphorhynchus erythropygius</i> |
| 3  | Brown-billed Scythebill                         | 1 | 1 |   | <i>Campylorhamphus pusillus</i>    |
| 11 | Streak-headed Woodcreeper                       | 7 | 4 |   | <i>Lepidocolaptes souleyetii</i>   |
| 11 | Spot-crowned Woodcreeper (Southern)             | 1 | 2 |   | <i>Lepidocolaptes affinis</i>      |
| 11 | Northern Plain-Xenops                           | 2 | 1 |   | <i>Xenops mexicanus</i>            |
| 1  | Streaked Xenops                                 |   |   |   | <i>Xenops rutilans</i>             |
| 4  | Buff Tuftedcheek                                |   |   |   | <i>Pseudocolaptes lawrencii</i>    |
| 1  | Scaly-throated Foliage-gleaner (Scaly-throated) |   |   |   | <i>Anabacerthia variegaticeps</i>  |
| 6  | Lineated Foliage-gleaner                        |   |   |   | <i>Syndactyla subalaris</i>        |
| 3  | Buff-fronted Foliage-gleaner                    |   |   |   | <i>Dendroma rufa</i>               |



|    |                                            |   |   |   |                                   |
|----|--------------------------------------------|---|---|---|-----------------------------------|
| 5  | Streak-breasted Treehunter                 |   |   |   | <i>Thripadectes rufobrunneus</i>  |
| 9  | Fawn-throated Foliage-gleaner (hypophaeus) | 1 | 1 |   | <i>Automolus cervinigularis</i>   |
| 5  | Chiriqui Foliage-gleaner                   | 1 | 3 |   | <i>Automolus exsertus</i>         |
| 7  | Western Woodhaunter                        | 2 | 2 |   | <i>Automolus virgatus</i>         |
| 9  | Spotted Barbtail                           | 1 | 1 |   | <i>Premnoplex brunnescens</i>     |
| 11 | Ruddy Treerunner                           | 1 | 3 |   | <i>Margarornis rubiginosus</i>    |
| 9  | Red-faced Spinetail                        | 1 | 2 |   | <i>Cranioleuca erythrops</i>      |
| 7  | Slaty Spinetail                            | 1 | 2 |   | <i>Synallaxis brachyura</i>       |
| 4  | Pale-breasted Spinetail                    |   |   |   | <i>Synallaxis albescens</i>       |
| 10 | Long-tailed Manakin                        |   |   |   | <i>Chiroxiphia linearis</i>       |
| 10 | White-ruffed Manakin                       | 2 | 3 |   | <i>Corapipo altera</i>            |
| 3  | Velvety Manakin                            |   |   |   | <i>Lepidothrix velutina</i>       |
| 11 | White-collared Manakin                     | 3 | 7 |   | <i>Manacus candei</i>             |
| 11 | Orange-collared Manakin                    | 2 | 9 | N | <i>Manacus aurantiacus</i>        |
| 2  | White-crowned Manakin (Zeledon's)          |   |   |   | <i>Pseudopipra pipra</i>          |
| 11 | Red-capped Manakin                         | 3 | 2 |   | <i>Ceratopipra mentalis</i>       |
| 4  | Purple-throated Fruitcrow                  | 1 | 2 |   | <i>Querula purpurata</i>          |
| 5  | Turquoise Cotinga                          | 1 | 1 |   | <i>Cotinga ridgwayi</i>           |
| 11 | Rufous Piha                                | 1 | 1 |   | <i>Lipaugus unirufus</i>          |
| 7  | Three-wattled Bellbird                     |   |   |   | <i>Procnias tricarunculatus</i>   |
| 11 | Yellow-billed Cotinga                      | 1 | 2 |   | <i>Carpodectes antoniae</i>       |
| 7  | Snowy Cotinga                              |   |   |   | <i>Carpodectes nitidus</i>        |
| 9  | Black-crowned Tityra                       | 2 | 2 |   | <i>Tityra inquisitor</i>          |
| 11 | Masked Tityra                              | 6 | 4 |   | <i>Tityra semifasciata</i>        |
| 1  | Northern Schiffornis (Northern)            |   |   |   | <i>Schiffornis veraepacis</i>     |
| 9  | Barred Becard                              | 1 | 1 |   | <i>Pachyramphus versicolor</i>    |
| 10 | Cinnamon Becard                            | 9 | 2 |   | <i>Pachyramphus cinnamomeus</i>   |
| 9  | White-winged Becard                        | 2 | 4 |   | <i>Pachyramphus polychopterus</i> |
| 1  | Black-and-white Becard                     |   |   |   | <i>Pachyramphus albogriseus</i>   |
| 10 | Rose-throated Becard                       | 2 | 4 |   | <i>Pachyramphus aglaiae</i>       |
| 6  | Tropical Royal Flycatcher                  |   |   |   | <i>Onychorhynchus coronatus</i>   |
| 7  | Ruddy-tailed Flycatcher                    | 1 | 2 |   | <i>Terenotriccus erythrurus</i>   |
| 11 | Sulphur-rumped Flycatcher                  | 4 | 4 | N | <i>Myiobius sulphureipygius</i>   |
| 3  | Black-tailed Flycatcher (Black-tailed)     |   |   |   | <i>Myiobius atricaudus</i>        |
| 5  | White-throated Spadebill (Western)         |   |   |   | <i>Platyrinchus mystaceus</i>     |
| 4  | Golden-crowned Spadebill                   | 1 | 1 | N | <i>Platyrinchus coronatus</i>     |
| 11 | Olive-streaked Flycatcher                  | 2 | 1 |   | <i>Mionectes olivaceus</i>        |
| 11 | Ochre-bellied Flycatcher                   | 5 | 3 |   | <i>Mionectes oleagineus</i>       |
| 9  | Slaty-capped Flycatcher (transandinus)     | 1 | 1 |   | <i>Leptopogon superciliaris</i>   |



|    |                                          |   |    |   |                                   |
|----|------------------------------------------|---|----|---|-----------------------------------|
| 6  | Black-capped Pygmy-Tyrant                | 1 | 2  |   | <i>Myiornis atricapillus</i>      |
| 10 | Scale-crested Pygmy-Tyrant               | 1 | 2  |   | <i>Lophotriccus pileatus</i>      |
| 11 | Northern Bentbill                        | 1 | 4  |   | <i>Oncostoma cinereigulare</i>    |
| 11 | Slate-headed Tody-Flycatcher             | 2 | 2  | N | <i>Poecilatriccus sylvia</i>      |
| 11 | Common Tody-Flycatcher (cinereum Group)  | 6 | 6  |   | <i>Todirostrum cinereum</i>       |
| 7  | Black-headed Tody-Flycatcher             | 1 | 2  |   | <i>Todirostrum nigriceps</i>      |
| 11 | Eye-ringed Flatbill                      | 3 | 1  | N | <i>Rhynchocyclus brevirostris</i> |
| 11 | Yellow-olive Flatbill                    | 8 | 4  |   | <i>Tolmomyias sulphureus</i>      |
| 2  | Yellow-winged Flatbill                   | 1 | 1  |   | <i>Tolmomyias flavotectus</i>     |
| 5  | Yellow-bellied Tyrannulet                | 1 | 1  |   | <i>Ornithion semiflavum</i>       |
| 1  | Brown-capped Tyrannulet                  |   |    |   | <i>Ornithion brunneicapillus</i>  |
| 6  | Northern Beardless-Tyrannulet            | 1 | 2  |   | <i>Camptostoma imberbe</i>        |
| 9  | Southern Beardless-Tyrannulet (Northern) | 1 | 2  |   | <i>Camptostoma obsoletum</i>      |
| 10 | Yellow Tyrannulet                        | 3 | 2  |   | <i>Capsiempis flaveola</i>        |
| 4  | Yellow-crowned Tyrannulet                | 1 | 1  |   | <i>Tyrannulus elatus</i>          |
| 6  | Greenish Elaenia (Greenish)              |   |    |   | <i>Myiopagis viridicata</i>       |
| 11 | Yellow-bellied Elaenia                   | 3 | 2  | N | <i>Elaenia flavogaster</i>        |
| 2  | Lesser Elaenia                           |   |    |   | <i>Elaenia chiriquensis</i>       |
| 11 | Mountain Elaenia                         | 4 | 18 |   | <i>Elaenia frantzii</i>           |
| 7  | Torrent Tyrannulet                       | 1 | 1  |   | <i>Serpophaga cinerea</i>         |
| 2  | White-fronted Tyrannulet                 |   |    |   | <i>Acrochordopus zeledoni</i>     |
| 11 | Mistletoe Tyrannulet                     | 8 | 13 |   | <i>Zimmerius parvus</i>           |
| 11 | Tufted Flycatcher (Costa Rican)          | 3 | 3  |   | <i>Mitrephanes phaeocercus</i>    |
| 7  | Olive-sided Flycatcher                   |   |    |   | <i>Contopus cooperi</i>           |
| 3  | Ochraceous Pewee                         | 1 | 1  |   | <i>Contopus ochraceus</i>         |
| 8  | Dark Pewee                               | 1 | 2  |   | <i>Contopus lugubris</i>          |
| 10 | Western Wood-Pewee                       | 1 | 1  | H | <i>Contopus sordidulus</i>        |
| 9  | Northern Tropical Pewee                  |   |    |   | <i>Contopus bogotensis</i>        |
| 4  | Eastern Wood-Pewee                       |   |    |   | <i>Contopus virens</i>            |
| 5  | Western/Eastern Wood-Pewee               | 2 | 2  |   | <i>Contopus sordidulus/virens</i> |
| 11 | Yellow-bellied Flycatcher                | 8 | 7  |   | <i>Empidonax flaviventris</i>     |
| 4  | Acadian Flycatcher                       |   |    |   | <i>Empidonax virescens</i>        |
| 1  | White-throated Flycatcher                |   |    |   | <i>Empidonax albigularis</i>      |
| 2  | Least Flycatcher                         |   |    |   | <i>Empidonax minimus</i>          |
| 11 | Yellowish Flycatcher                     | 3 | 16 |   | <i>Empidonax flavescens</i>       |
| 11 | Black-capped Flycatcher                  | 2 | 5  |   | <i>Empidonax atriceps</i>         |
| 11 | Black Phoebe (Northern)                  | 3 | 1  |   | <i>Sayornis nigricans</i>         |
| 5  | Northern Scrub-Flycatcher                | 1 | 2  |   | <i>Sublegatus arenarum</i>        |
| 9  | Long-tailed Tyrant                       |   |    |   | <i>Colonia colonus</i>            |



|    |                                            |    |    |   |                                  |
|----|--------------------------------------------|----|----|---|----------------------------------|
| 11 | Bright-rumped Attila (Northern)            | 6  | 4  |   | <i>Attila spadiceus</i>          |
| 11 | Rufous Mourner                             | 5  | 3  |   | <i>Rhytipterna holerythra</i>    |
| 11 | Dusky-capped Flycatcher (lawrenceii Group) | 4  | 4  |   | <i>Myiarchus tuberculifer</i>    |
| 8  | Panama Flycatcher                          | 1  | 2  |   | <i>Myiarchus panamensis</i>      |
| 6  | Nutting's Flycatcher                       | 1  | 1  |   | <i>Myiarchus nuttingi</i>        |
| 11 | Great Crested Flycatcher                   | 5  | 5  |   | <i>Myiarchus crinitus</i>        |
| 11 | Brown-crested Flycatcher                   | 1  | 4  |   | <i>Myiarchus tyrannulus</i>      |
| 11 | Great Kiskadee                             | 13 | 40 |   | <i>Pitangus sulphuratus</i>      |
| 11 | Boat-billed Flycatcher (Northern)          | 3  | 2  |   | <i>Megarynchus pitangua</i>      |
| 11 | Social Flycatcher (Vermilion-crowned)      | 5  | 12 |   | <i>Myiozetetes similis</i>       |
| 11 | Social Flycatcher (Social)                 | 3  | 4  |   | <i>Myiozetetes similis</i>       |
| 11 | Gray-capped Flycatcher                     | 6  | 6  |   | <i>Myiozetetes granadensis</i>   |
| 10 | White-ringed Flycatcher                    | 1  | 2  |   | <i>Conopias albobittatus</i>     |
| 6  | Golden-bellied Flycatcher                  |    |    |   | <i>Myiodynastes hemichrysus</i>  |
| 11 | Streaked Flycatcher (Northern)             | 2  | 3  |   | <i>Myiodynastes maculatus</i>    |
| 9  | Sulphur-bellied Flycatcher                 | 1  | 1  |   | <i>Myiodynastes luteiventris</i> |
| 11 | Piratic Flycatcher                         | 8  | 4  |   | <i>Legatus leucophaeus</i>       |
| 11 | Tropical Kingbird                          | 12 | 25 |   | <i>Tyrannus melancholicus</i>    |
| 3  | Western Kingbird                           |    |    |   | <i>Tyrannus verticalis</i>       |
| 1  | Eastern Kingbird                           |    |    |   | <i>Tyrannus tyrannus</i>         |
| 10 | Scissor-tailed Flycatcher                  | 1  | 15 |   | <i>Tyrannus forficatus</i>       |
| 3  | Fork-tailed Flycatcher                     |    |    |   | <i>Tyrannus savana</i>           |
| 11 | Rufous-browed Peppershrike                 | 4  | 3  |   | <i>Cyclarhis gujanensis</i>      |
| 6  | Scrub Greenlet                             | 1  | 1  |   | <i>Hylophilus flavipes</i>       |
| 11 | Green Shrike-Vireo                         | 3  | 1  | H | <i>Vireolanius pulchellus</i>    |
| 8  | Tawny-crowned Greenlet (Tawny-crowned)     |    |    |   | <i>Tunchiornis ochraceiceps</i>  |
| 11 | Lesser Greenlet (Northern)                 | 11 | 10 |   | <i>Pachysylvia decurtata</i>     |
| 9  | Mangrove Vireo (Southern Central America)  | 1  | 1  |   | <i>Vireo pallens</i>             |
| 11 | Yellow-throated Vireo                      | 4  | 2  |   | <i>Vireo flavifrons</i>          |
| 11 | Yellow-winged Vireo                        | 3  | 10 |   | <i>Vireo carmioli</i>            |
| 1  | Blue-headed Vireo                          |    |    |   | <i>Vireo solitarius</i>          |
| 11 | Philadelphia Vireo                         | 6  | 2  |   | <i>Vireo philadelphicus</i>      |
| 8  | Brown-capped Vireo                         | 1  | 1  |   | <i>Vireo leucophrys</i>          |
| 4  | Red-eyed Vireo                             |    |    |   | <i>Vireo olivaceus</i>           |
| 9  | Yellow-green Vireo                         | 3  | 1  |   | <i>Vireo flavoviridis</i>        |
| 1  | Silvery-throated Jay                       | 1  | 3  |   | <i>Cyanolyca argentigula</i>     |
| 3  | Azure-hooded Jay                           |    |    |   | <i>Cyanolyca cucullata</i>       |
| 10 | White-throated Magpie-Jay                  |    |    |   | <i>Cyanocorax formosus</i>       |
| 11 | Brown Jay                                  | 4  | 8  |   | <i>Cyanocorax morio</i>          |



|    |                                            |   |    |   |                                     |
|----|--------------------------------------------|---|----|---|-------------------------------------|
| 2  | Bank Swallow                               |   |    |   | <i>Riparia riparia</i>              |
| 11 | Mangrove Swallow                           | 3 | 21 |   | <i>Tachycineta albilinea</i>        |
| 1  | Violet-green Swallow                       |   |    |   | <i>Tachycineta thalassina</i>       |
| 11 | Gray-breasted Martin                       | 8 | 12 |   | <i>Progne chalybea</i>              |
| 11 | Northern Rough-winged Swallow              | 1 | 30 |   | <i>Stelgidopteryx serripennis</i>   |
| 11 | Southern Rough-winged Swallow              | 7 | 8  |   | <i>Stelgidopteryx ruficollis</i>    |
| 11 | Blue-and-white Swallow                     | 8 | 16 |   | <i>Pygochelidon cyanoleuca</i>      |
| 11 | Barn Swallow                               | 2 | 10 |   | <i>Hirundo rustica</i>              |
| 6  | Cliff Swallow                              |   |    |   | <i>Petrochelidon pyrrhonota</i>     |
| 6  | Tawny-faced Gnatwren                       | 1 | 1  | H | <i>Microbates cinereiventris</i>    |
| 9  | Long-billed Gnatwren                       | 4 | 1  |   | <i>Ramphocaenus melanurus</i>       |
| 11 | White-browed Gnatcatcher                   | 5 | 3  |   | <i>Poliophtila bilineata</i>        |
| 10 | White-lored Gnatcatcher                    | 1 | 4  |   | <i>Poliophtila alboris</i>          |
| 6  | Nightingale Wren                           |   |    |   | <i>Microcerculus philomela</i>      |
| 5  | Scaly-breasted Wren                        | 2 | 2  | H | <i>Microcerculus marginatus</i>     |
| 11 | Southern House Wren                        | 9 | 5  |   | <i>Troglodytes musculus</i>         |
| 11 | Ochraceous Wren                            | 4 | 6  |   | <i>Troglodytes ochraceus</i>        |
| 11 | Timberline Wren                            | 2 | 2  |   | <i>Thryorchilus browni</i>          |
| 4  | Grass Wren (Northern)                      | 1 | 2  |   | <i>Cistothorus platensis</i>        |
| 6  | Band-backed Wren                           |   |    |   | <i>Campylorhynchus zonatus</i>      |
| 11 | Rufous-backed Wren                         | 3 | 13 |   | <i>Campylorhynchus capistratus</i>  |
| 9  | Black-bellied Wren                         | 1 | 1  | H | <i>Pheugopedius fasciatoventris</i> |
| 9  | Rufous-breasted Wren                       |   |    |   | <i>Pheugopedius rutilus</i>         |
| 9  | Black-throated Wren                        | 1 | 2  |   | <i>Pheugopedius atrogularis</i>     |
| 9  | Banded Wren                                | 1 | 1  |   | <i>Thryophilus pleurostictus</i>    |
| 9  | Rufous-and-white Wren                      | 3 | 3  |   | <i>Thryophilus rufalbus</i>         |
| 11 | Stripe-breasted Wren                       | 4 | 4  |   | <i>Cantorchilus thoracicus</i>      |
| 11 | Cabanis's Wren                             | 4 | 4  |   | <i>Cantorchilus modestus</i>        |
| 9  | Canebrake Wren                             |   |    |   | <i>Cantorchilus zeledoni</i>        |
| 8  | Isthmian Wren                              | 2 | 2  |   | <i>Cantorchilus elutus</i>          |
| 11 | Riverside Wren                             | 3 | 10 |   | <i>Cantorchilus semibadius</i>      |
| 11 | Bay Wren (Central American)                | 1 | 2  | H | <i>Cantorchilus nigricapillus</i>   |
| 11 | White-breasted Wood-Wren (Cherrie's)       | 5 | 4  |   | <i>Henicorhina leucosticta</i>      |
| 11 | Gray-breasted Wood-Wren (Central American) | 4 | 5  |   | <i>Henicorhina leucophrys</i>       |
| 4  | Song Wren                                  |   |    |   | <i>Cyphorhinus phaeocephalus</i>    |
| 8  | American Dipper (Costa Rican)              | 1 | 1  |   | <i>Cinclus mexicanus</i>            |
| 2  | Gray Catbird                               |   |    |   | <i>Dumetella carolinensis</i>       |
| 8  | Tropical Mockingbird                       | 4 | 1  |   | <i>Mimus gilvus</i>                 |
| 11 | Black-faced Solitaire                      | 3 | 3  |   | <i>Myadestes melanops</i>           |



|    |                                               |    |    |   |                                   |
|----|-----------------------------------------------|----|----|---|-----------------------------------|
| 11 | Black-billed Nightingale-Thrush               | 2  | 4  |   | <i>Catharus gracilirostris</i>    |
| 9  | Orange-billed Nightingale-Thrush              | 3  | 3  |   | <i>Catharus aurantiirostris</i>   |
| 11 | Slaty-backed Nightingale-Thrush               | 1  | 1  | H | <i>Catharus fuscater</i>          |
| 10 | Ruddy-capped Nightingale-Thrush               | 2  | 11 |   | <i>Catharus frantzii</i>          |
| 11 | Black-headed Nightingale-Thrush               | 4  | 1  |   | <i>Catharus mexicanus</i>         |
| 8  | Swainson's Thrush (Olive-backed)              |    |    |   | <i>Catharus ustulatus</i>         |
| 10 | Wood Thrush                                   | 3  | 1  |   | <i>Hylocichla mustelina</i>       |
| 11 | Mountain Thrush                               | 3  | 5  |   | <i>Turdus plebejus</i>            |
| 10 | White-throated Thrush (White-throated)        | 1  | 1  |   | <i>Turdus assimilis</i>           |
| 10 | Pale-vented Thrush                            | 1  | 1  |   | <i>Turdus obsoletus</i>           |
| 11 | Clay-colored Thrush                           | 13 | 42 |   | <i>Turdus grayi</i>               |
| 11 | Sooty Thrush                                  | 2  | 8  |   | <i>Turdus nigrescens</i>          |
| 1  | Cedar Waxwing                                 |    |    |   | <i>Bombycilla cedrorum</i>        |
| 9  | Black-and-yellow Silky-flycatcher             | 2  | 2  |   | <i>Phainoptila melanoxantha</i>   |
| 11 | Long-tailed Silky-flycatcher                  | 2  | 16 |   | <i>Ptiliogonys caudatus</i>       |
| 11 | House Sparrow                                 | 5  | 10 |   | <i>Passer domesticus</i>          |
| 10 | Elegant Euphonia                              | 1  | 9  |   | <i>Chlorophonia elegantissima</i> |
| 11 | Golden-browed Chlorophonia                    | 2  | 4  |   | <i>Chlorophonia callophrys</i>    |
| 9  | Scrub Euphonia                                |    |    |   | <i>Euphonia affinis</i>           |
| 11 | Yellow-crowned Euphonia                       | 4  | 3  |   | <i>Euphonia luteicapilla</i>      |
| 6  | White-vented Euphonia                         |    |    |   | <i>Euphonia minuta</i>            |
| 11 | Yellow-throated Euphonia                      | 4  | 4  |   | <i>Euphonia hirundinacea</i>      |
| 8  | Thick-billed Euphonia                         | 2  | 1  | N | <i>Euphonia lanirostris</i>       |
| 10 | Spot-crowned Euphonia                         | 2  | 2  |   | <i>Euphonia imitans</i>           |
| 11 | Olive-backed Euphonia                         | 3  | 5  |   | <i>Euphonia gouldi</i>            |
| 11 | Tawny-capped Euphonia                         | 2  | 5  |   | <i>Euphonia anneae</i>            |
| 4  | Lesser Goldfinch                              | 1  | 1  |   | <i>Spinus psaltria</i>            |
| 8  | Yellow-bellied Siskin                         | 1  | 6  |   | <i>Spinus xanthogastrus</i>       |
| 3  | Ashy-throated Chlorospingus                   | 1  | 2  |   | <i>Chlorospingus canigularis</i>  |
| 11 | Sooty-capped Chlorospingus                    | 2  | 12 |   | <i>Chlorospingus pileatus</i>     |
| 11 | Common Chlorospingus (Middle America)         | 4  | 16 |   | <i>Chlorospingus flavopectus</i>  |
| 11 | Stripe-headed Sparrow                         | 1  | 5  |   | <i>Peucaea ruficauda</i>          |
| 6  | Olive Sparrow (Pacific)                       |    |    |   | <i>Arremonops rufivirgatus</i>    |
| 11 | Black-striped Sparrow                         | 4  | 4  |   | <i>Arremonops conirostris</i>     |
| 11 | Orange-billed Sparrow (aurantiirostris Group) | 7  | 8  |   | <i>Arremon aurantiirostris</i>    |
| 9  | Chestnut-capped Brushfinch                    | 5  | 4  |   | <i>Arremon brunneinucha</i>       |
| 8  | Sooty-faced Finch                             | 1  | 1  | H | <i>Arremon crassirostris</i>      |
| 11 | Volcano Junco                                 | 1  | 4  |   | <i>Junco vulcani</i>              |
| 11 | Rufous-collared Sparrow (Rufous-collared)     | 7  | 18 |   | <i>Zonotrichia capensis</i>       |



|    |                                              |    |     |   |                                 |
|----|----------------------------------------------|----|-----|---|---------------------------------|
| 11 | Large-footed Finch                           | 1  | 4   |   | <i>Pezopetes capitalis</i>      |
| 10 | White-eared Ground-Sparrow (White-eared)     | 3  | 10  |   | <i>Melozona leucotis</i>        |
| 2  | Cabanis's Ground-Sparrow                     | 1  | 2   |   | <i>Melozona cabanisi</i>        |
| 5  | White-naped Brushfinch (Yellow-throated)     | 1  | 4   |   | <i>Atlapetes albinucha</i>      |
| 11 | Yellow-thighed Brushfinch                    | 2  | 9   |   | <i>Atlapetes tibialis</i>       |
| 10 | Wrenthrush                                   | 1  | 3   |   | <i>Zeledonia coronata</i>       |
| 7  | Eastern Meadowlark (Eastern)                 |    |     |   | <i>Sturnella magna</i>          |
| 10 | Red-breasted Meadowlark                      | 1  | 1   |   | <i>Leistes militaris</i>        |
| 10 | Yellow-billed Cacique (Prevost's)            | 2  | 1   |   | <i>Amblycercus holosericeus</i> |
| 10 | Chestnut-headed Oropendola                   | 1  | 1   |   | <i>Psarocolius wagleri</i>      |
| 11 | Montezuma Oropendola                         | 5  | 40  | N | <i>Psarocolius montezuma</i>    |
| 11 | Scarlet-rumped Cacique                       | 4  | 4   |   | <i>Cacicus uropygialis</i>      |
| 11 | Black-cowled Oriole                          | 2  | 1   |   | <i>Icterus prothemelas</i>      |
| 2  | Orchard Oriole                               |    |     |   | <i>Icterus spurius</i>          |
| 9  | Streak-backed Oriole (Streak-backed)         | 1  | 3   |   | <i>Icterus pustulatus</i>       |
| 7  | Spot-breasted Oriole                         | 1  | 2   |   | <i>Icterus pectoralis</i>       |
| 11 | Baltimore Oriole                             | 11 | 13  |   | <i>Icterus galbula</i>          |
| 10 | Red-winged Blackbird (Red-winged)            |    |     |   | <i>Agelaius phoeniceus</i>      |
| 11 | Shiny Cowbird                                | 3  | 1   |   | <i>Molothrus bonariensis</i>    |
| 11 | Bronzed Cowbird (Bronzed)                    | 4  | 12  |   | <i>Molothrus aeneus</i>         |
| 7  | Giant Cowbird                                | 1  | 1   |   | <i>Molothrus oryzivorus</i>     |
| 11 | Melodious Blackbird                          | 8  | 4   |   | <i>Dives dives</i>              |
| 11 | Great-tailed Grackle (Great-tailed)          | 10 | 200 |   | <i>Quiscalus mexicanus</i>      |
| 6  | Ovenbird                                     |    |     |   | <i>Seiurus aurocapilla</i>      |
| 10 | Louisiana Waterthrush                        | 4  | 1   |   | <i>Parkesia motacilla</i>       |
| 11 | Northern Waterthrush                         | 6  | 2   |   | <i>Parkesia noveboracensis</i>  |
| 11 | Golden-winged Warbler                        | 7  | 3   |   | <i>Vermivora chrysoptera</i>    |
| 2  | Golden-winged x Blue-winged Warbler (hybrid) |    |     |   | <i>Vermivora chrysoptera</i>    |
| 11 | Black-and-white Warbler                      | 8  | 4   |   | <i>Mniotilta varia</i>          |
| 6  | Prothonotary Warbler                         | 2  | 10  |   | <i>Protonotaria citrea</i>      |
| 11 | Flame-throated Warbler                       | 1  | 4   |   | <i>Oreothlypis gutturalis</i>   |
| 11 | Tennessee Warbler                            | 10 | 12  |   | <i>Leiorthlypis peregrina</i>   |
| 9  | Gray-crowned Yellowthroat                    | 1  | 1   |   | <i>Geothlypis poliocephala</i>  |
| 5  | Mourning Warbler                             | 1  | 1   |   | <i>Geothlypis philadelphia</i>  |
| 8  | Kentucky Warbler                             | 2  | 2   |   | <i>Geothlypis formosa</i>       |
| 10 | Olive-crowned Yellowthroat (Baird's)         |    |     |   | <i>Geothlypis semiflava</i>     |
| 2  | Hooded Warbler                               |    |     |   | <i>Setophaga citrina</i>        |
| 10 | American Redstart                            | 1  | 1   |   | <i>Setophaga ruticilla</i>      |
| 1  | Cape May Warbler                             |    |     |   | <i>Setophaga tigrina</i>        |



|    |                                         |    |    |   |                                   |
|----|-----------------------------------------|----|----|---|-----------------------------------|
| 1  | Cerulean Warbler                        |    |    |   | <i>Setophaga cerulea</i>          |
| 11 | Tropical Parula (Middle American)       | 1  | 3  |   | <i>Setophaga pitaiayumi</i>       |
| 3  | Bay-breasted Warbler                    | 2  | 1  |   | <i>Setophaga castanea</i>         |
| 9  | Blackburnian Warbler                    | 2  | 3  |   | <i>Setophaga fusca</i>            |
| 11 | Yellow Warbler (Northern)               | 7  | 7  |   | <i>Setophaga petechia</i>         |
| 10 | Yellow Warbler (Mangrove)               | 2  | 10 |   | <i>Setophaga petechia</i>         |
| 11 | Chestnut-sided Warbler                  | 10 | 10 |   | <i>Setophaga pensylvanica</i>     |
| 1  | Yellow-rumped Warbler (Myrtle)          | 1  | 12 |   | <i>Setophaga coronata</i>         |
| 3  | Townsend's Warbler                      | 1  | 2  |   | <i>Setophaga townsendi</i>        |
| 11 | Black-throated Green Warbler            | 4  | 5  |   | <i>Setophaga virens</i>           |
| 10 | Chestnut-capped Warbler                 | 1  | 2  |   | <i>Basileuterus delatirii</i>     |
| 11 | Black-cheeked Warbler                   | 1  | 3  |   | <i>Basileuterus melanogenys</i>   |
| 10 | Golden-crowned Warbler (Stripe-crowned) | 3  | 4  |   | <i>Basileuterus culicivorus</i>   |
| 11 | Costa Rican Warbler                     | 1  | 3  | H | <i>Basileuterus melanotis</i>     |
| 11 | Buff-rumped Warbler                     | 5  | 2  |   | <i>Myiothlypis fulvicauda</i>     |
| 1  | Canada Warbler                          |    |    |   | <i>Cardellina canadensis</i>      |
| 11 | Wilson's Warbler                        | 5  | 10 |   | <i>Cardellina pusilla</i>         |
| 11 | Slate-throated Redstart                 | 4  | 4  |   | <i>Myioborus miniatus</i>         |
| 11 | Collared Redstart                       | 3  | 4  |   | <i>Myioborus torquatus</i>        |
| 4  | Dusky-faced Tanager                     | 1  | 4  |   | <i>Mitrospingus cassinii</i>      |
| 7  | Hepatic Tanager (Highland)              | 1  | 2  |   | <i>Piranga flava</i>              |
| 11 | Summer Tanager                          | 11 | 4  |   | <i>Piranga rubra</i>              |
| 6  | Scarlet Tanager                         |    |    |   | <i>Piranga olivacea</i>           |
| 1  | Western Tanager                         |    |    |   | <i>Piranga ludoviciana</i>        |
| 11 | Flame-colored Tanager                   | 2  | 9  |   | <i>Piranga bidentata</i>          |
| 3  | White-winged Tanager                    |    |    |   | <i>Piranga leucoptera</i>         |
| 5  | Red-crowned Ant-Tanager (Northern)      |    |    |   | <i>Habia rubica</i>               |
| 11 | Red-throated Ant-Tanager (Red-throated) | 2  | 5  |   | <i>Driophlox fuscicauda</i>       |
| 11 | Black-cheeked Ant-Tanager               | 2  | 2  |   | <i>Driophlox atrimaxillaris</i>   |
| 9  | Carmioli's Tanager                      |    |    |   | <i>Chlorothraupis carmioli</i>    |
| 11 | Black-faced Grosbeak                    | 1  | 16 |   | <i>Caryothraustes poliogaster</i> |
| 8  | Black-thighed Grosbeak                  | 1  | 5  |   | <i>Pheucticus tibialis</i>        |
| 5  | Rose-breasted Grosbeak                  |    |    |   | <i>Pheucticus ludovicianus</i>    |
| 11 | Blue-black Grosbeak                     | 4  | 3  |   | <i>Cyanoloxia cyanooides</i>      |
| 3  | Blue Grosbeak                           |    |    |   | <i>Passerina caerulea</i>         |
| 3  | Indigo Bunting                          |    |    |   | <i>Passerina cyanea</i>           |
| 4  | Painted Bunting                         | 2  | 1  |   | <i>Passerina ciris</i>            |
| 9  | Gray-headed Tanager                     | 2  | 4  |   | <i>Eucometis penicillata</i>      |
| 11 | White-shouldered Tanager                | 1  | 3  |   | <i>Loriotus luctuosus</i>         |



|    |                                      |    |    |   |                                   |
|----|--------------------------------------|----|----|---|-----------------------------------|
| 10 | Tawny-crested Tanager                | 1  | 8  |   | <i>Tachyphonus delatrii</i>       |
| 3  | White-lined Tanager                  |    |    |   | <i>Tachyphonus rufus</i>          |
| 7  | White-throated Shrike-Tanager        | 2  | 3  |   | <i>Lanio leucothorax</i>          |
| 11 | Crimson-collared Tanager             | 2  | 3  |   | <i>Ramphocelus sanguinolentus</i> |
| 11 | Scarlet-rumped Tanager (Passerini's) | 5  | 25 |   | <i>Ramphocelus passerinii</i>     |
| 11 | Scarlet-rumped Tanager (Cherrie's)   | 4  | 38 | N | <i>Ramphocelus passerinii</i>     |
| 4  | Blue-and-gold Tanager                |    |    |   | <i>Bangsia arcaei</i>             |
| 11 | Blue-gray Tanager (Blue-gray)        | 12 | 31 |   | <i>Thraupis episcopus</i>         |
| 1  | Yellow-winged Tanager                |    |    |   | <i>Thraupis abbas</i>             |
| 11 | Palm Tanager                         | 8  | 19 |   | <i>Thraupis palmarum</i>          |
| 8  | Speckled Tanager                     | 1  | 2  |   | <i>Ixothraupis guttata</i>        |
| 11 | Golden-hooded Tanager                | 8  | 6  |   | <i>Stilpnia larvata</i>           |
| 11 | Spangle-cheeked Tanager              | 2  | 4  |   | <i>Tangara dowii</i>              |
| 11 | Plain-colored Tanager                | 1  | 2  |   | <i>Tangara inornata</i>           |
| 3  | Rufous-winged Tanager                |    |    |   | <i>Tangara lavinia</i>            |
| 11 | Bay-headed Tanager                   | 6  | 5  |   | <i>Tangara gyrola</i>             |
| 10 | Emerald Tanager                      | 2  | 3  |   | <i>Tangara florida</i>            |
| 11 | Silver-throated Tanager              | 6  | 21 |   | <i>Tangara icterocephala</i>      |
| 8  | Scarlet-thighed Dacnis               | 2  | 4  |   | <i>Dacnis venusta</i>             |
| 11 | Blue Dacnis                          | 3  | 2  |   | <i>Dacnis cayana</i>              |
| 11 | Shining Honeycreeper                 | 3  | 3  |   | <i>Cyanerpes lucidus</i>          |
| 11 | Red-legged Honeycreeper              | 6  | 8  |   | <i>Cyanerpes cyaneus</i>          |
| 11 | Green Honeycreeper                   | 5  | 5  |   | <i>Chlorophanes spiza</i>         |
| 10 | Black-and-yellow Tanager             | 1  | 10 |   | <i>Chrysothlypis chrysomelas</i>  |
| 11 | Slaty Flowerpiercer                  | 3  | 5  |   | <i>Diglossa plumbea</i>           |
| 3  | Peg-billed Finch                     |    |    |   | <i>Acanthidops bairdi</i>         |
| 11 | Blue-black Grassquit                 | 1  | 1  |   | <i>Volatinia jacarina</i>         |
| 1  | Ruddy-breasted Seedeater             |    |    |   | <i>Sporophila minuta</i>          |
| 10 | Thick-billed Seed-Finch              | 2  | 1  |   | <i>Sporophila funerea</i>         |
| 4  | Nicaraguan Seed-Finch                |    |    |   | <i>Sporophila nuttingi</i>        |
| 11 | Variable Seedeater (Black)           | 6  | 6  |   | <i>Sporophila corvina</i>         |
| 11 | Variable Seedeater (Variable)        | 2  | 10 |   | <i>Sporophila corvina</i>         |
| 11 | Morelet's Seedeater                  | 3  | 5  |   | <i>Sporophila moreletii</i>       |
| 3  | Yellow-bellied Seedeater             | 1  | 2  |   | <i>Sporophila nigricollis</i>     |
| 11 | Bananaquit (Continental)             | 11 | 6  |   | <i>Coereba flaveola</i>           |
| 10 | Yellow-faced Grassquit               | 2  | 6  |   | <i>Tiaris olivaceus</i>           |
| 11 | Buff-throated Saltator               | 7  | 13 |   | <i>Saltator maximus</i>           |
| 9  | Black-headed Saltator                | 1  | 2  |   | <i>Saltator atriceps</i>          |
| 10 | Cinnamon-bellied Saltator            | 2  | 2  |   | <i>Saltator grandis</i>           |



|   |                        |   |   |                               |
|---|------------------------|---|---|-------------------------------|
| 4 | Streaked Saltator      | 2 | 1 | <i>Saltator striatipectus</i> |
| 6 | Slate-colored Grosbeak | 1 | 2 | <i>Saltator grossus</i>       |

**MAMMALS**

|    |                                 |   |  |                                |
|----|---------------------------------|---|--|--------------------------------|
| 7  | Common Opossum                  | X |  | <i>Didelphis marsupialis</i>   |
| 10 | Brown-throated Three-toed Sloth | X |  | <i>Bradypus variegatus</i>     |
| 10 | Hoffmann's Two-toed Sloth       | X |  | <i>Choloepus hoffmanni</i>     |
| 7  | Nine-banded Armadillo           | X |  | <i>Dasypus novemcinctus</i>    |
| 7  | White-faced Capuchin            | X |  | <i>Cebus albifrons</i>         |
| 10 | Mantled Howler                  | X |  | <i>Alouatta palliata</i>       |
| 8  | Central American Spider Monkey  | X |  | <i>Ateles geoffroyi</i>        |
| 10 | Central American Agouti         | X |  | <i>Dasyprocta punctata</i>     |
| 8  | Tome's Spiny-rat                | X |  | <i>Proechimys semispinosus</i> |
| 10 | Red-tailed Squirrel             | X |  | <i>Sciurus granatensis</i>     |
| 10 | Variegated Squirrel             | X |  | <i>Sciurus variegatoides</i>   |
| 9  | Sac-winged Bat species          | X |  | <i>Saccopteryx sp.</i>         |
| 5  | Neotropical River Otter         | X |  | <i>Lontra longicaudis</i>      |
| 10 | White-nosed Coati               | X |  | <i>Nasua narica</i>            |
| 6  | Kinkajou                        | X |  | <i>Potos flavus</i>            |
| 7  | Common Raccoon                  | X |  | <i>Procyon lotor</i>           |
| 2  | Common Bottlenose Dolphin       | X |  | <i>Tursiops truncatus</i>      |

**AMPHIBIANS AND REPTILES**

|    |                                  |   |  |                                    |
|----|----------------------------------|---|--|------------------------------------|
| 10 | Giant Toad                       | X |  | <i>Rhinella horribilis</i>         |
| 8  | Fitzinger's Robber Frog          | X |  | <i>Craugastor fitzingeri</i>       |
| 6  | Green-and-Black Poison-dart Frog | X |  | <i>Dendrobates auratus</i>         |
| 10 | Strawberry Poison-dart Frog      | X |  | <i>Oophaga pumilio</i>             |
| 9  | Gulfo Dulce Poison-dart Frog     | X |  | <i>Phyllobates vittatus</i>        |
| 3  | Harlequin Treefrog               | X |  | <i>Dendropsophus ebraccatus</i>    |
| 3  | Yellow Treefrog                  | X |  | <i>Dendropsophus microcephalus</i> |
| 3  | Mahogany Treefrog                | X |  | <i>Tlalocohylax loquax</i>         |
| 7  | Red-eyed Treefrog                | X |  | <i>Agalychnis callidryas</i>       |
| 8  | Savage's Thin-toed Frog          | X |  | <i>Leptodactylus savagei</i>       |
| 3  | Brilliant Forest Frog            | X |  | <i>Lithobates warszewitchii</i>    |
| 4  | Vaillant's Frog                  | X |  | <i>Lithobates vaillanti</i>        |
| 10 | Spectacled Caiman                | X |  | <i>Caiman crocodilus</i>           |
| 10 | American Crocodile               | X |  | <i>Crocodylus acutus</i>           |
| 10 | Common Basilisk                  | X |  | <i>Basiliscus basiliscus</i>       |
| 10 | Green Basilisk                   | X |  | <i>Basiliscus plumifrons</i>       |



|    |                             |   |                                     |
|----|-----------------------------|---|-------------------------------------|
| 10 | Common House Gecko          | X | <i>Hemidactylus frenatus</i>        |
| 3  | Yellow-spotted Gecko        | X | <i>Lepidoblepharis xanthostigma</i> |
| 2  | Northern Root Teju          | X | <i>Loxopholis southi</i>            |
| 9  | Black Spiny-tailed Iguana   | X | <i>Ctenosaura similis</i>           |
| 10 | Green Iguana                | X | <i>Iguana iguana</i>                |
| 10 | Green Spiny Lizard          | X | <i>Sceloporus malachiticus</i>      |
| 7  | Humble Anole                | X | <i>Anolis humilis</i>               |
| 10 | Osa Anole                   | X | <i>Anolis osa</i>                   |
| 6  | Four-lined Whiptail         | X | <i>Holcosus quadrilineatus</i>      |
| 2  | Side-striped Palm Pit Viper | X | <i>Bothriechis lateralis</i>        |
| 3  | Nicaraguan Slider           | X | <i>Trachemys emolli</i>             |
| 7  | Black Wood Turtle           | X | <i>Rhinoclemmys funerea</i>         |
| 1  | Common Mussurana            | X | <i>Clelia clelia</i>                |
| 1  | Ornate Cat-eyed Snake       | X | <i>Leptodeira ornata</i>            |

#### **BUTTERFLIES AND MOTHS**

|                          |   |                               |
|--------------------------|---|-------------------------------|
| Polydamas Swallowtail    | X | <i>Battus polydamas</i>       |
| Androgeus Swallowtail    | X | <i>Heraclides androgeus</i>   |
| Ruby-spotted Swallowtail | X | <i>Heraclides anchisiades</i> |
| Thoas Swallowtail        | X | <i>Heraclides thoas</i>       |
| Giant White              | X | <i>Ganyra josephina</i>       |
| Marcelina Sulphur        | X | <i>Phoebis marcelina</i>      |
| Orange-barred Sulphur    | X | <i>Phoebis philea</i>         |
| Dark Apricot Sulphur     | X | <i>Phoebis argante</i>        |
| Green-eyed White         | X | <i>Leptophobia aripa</i>      |
| Pure-banded Dartwhite    | X | <i>Archonia teutila</i>       |
| Narrow-banded Dartwhite  | X | <i>Archonia flisa</i>         |
| Togarna Hairstreak       | X | <i>Arawacus togarna</i>       |
| Celmus Hairstreak        | X | <i>Celmia celmus</i>          |
| Mountain Greenstreak     | X | <i>Cyanophrys longula</i>     |
| Sky-blue Hairstreak      | X | <i>Pseudolycaena damo</i>     |
| Echo Azure               | X | <i>Celastrina echo</i>        |
| Stoll's Sarota           | X | <i>Sarota chrysus</i>         |
| White-spotted Emesis     | X | <i>Emesis aurimna</i>         |
| Monarch                  | X | <i>Danaus plexippus</i>       |
| Polymnia Tigerwing       | X | <i>Mechanitis polymnia</i>    |
| Lamplight Actinote       | X | <i>Actinote ozomene</i>       |
| Mexican Silverspot       | X | <i>Dione moneta</i>           |
| Gulf Fritillary          | X | <i>Dione vanillae</i>         |



|                            |   |                               |
|----------------------------|---|-------------------------------|
| Julia                      | X | <i>Dryas iulia</i>            |
| Northern Green Longwing    | X | <i>Philaethria diatonica</i>  |
| Crimson-patched Longwing   | X | <i>Heliconius erato</i>       |
| Turquoise Emperor          | X | <i>Doxocopa laurentia</i>     |
| Widespread Eighty-Eight    | X | <i>Diaethria clymena</i>      |
| Orange Daggerwing          | X | <i>Marpesia berania</i>       |
| Many-banded Daggerwing     | X | <i>Marpesia chiron</i>        |
| Glossy Daggerwing          | X | <i>Marpesia furscula</i>      |
| White Peacock              | X | <i>Anartia jatrophae</i>      |
| Banded Peacock             | X | <i>Anartia fatima</i>         |
| Malachite                  | X | <i>Siproeta stelenes</i>      |
| Mangrove Buckeye           | X | <i>Junonia genoveva</i>       |
| Pale-banded Crescent       | X | <i>Anthassa tulcis</i>        |
| Black-bordered Crescent    | X | <i>Tegosa anieta</i>          |
| Flamingo Leafwing          | X | <i>Fountainea ryphea</i>      |
| Amathonte Morpho           | X | <i>Morpho amathonte</i>       |
| Common Morpho              | X | <i>Morpho helenor</i>         |
| Lycomedon Owl-Butterfly    | X | <i>Eryphanis lycomedon</i>    |
| Rusted Clearwing-Satyr     | X | <i>Cithaerias pireta</i>      |
| Ochre-patched Gemmed-Satyr | X | <i>Cyllopsis argentella</i>   |
| Harmonia Satyr             | X | <i>Hermeuptychia harmonia</i> |
| Westwood's Satyr           | X | <i>Euptychia westwoodi</i>    |
| Dejected Satyr             | X | <i>Pedaliodes dejecta</i>     |
| White-banded Satyr         | X | <i>Pareuptychia metaleuca</i> |
| Variable Scarlet-Eye       | X | <i>Salatis salatis</i>        |
| Teleus Longtail            | X | <i>Spicauda teleus</i>        |
| Canna Skipper              | X | <i>Cynea cannae</i>           |
| Heliconia Moth-butterfly   | X | <i>Macrosoma heliconiaria</i> |

#### **MISCELLANEOUS CRITTERS**

|                    |   |                              |
|--------------------|---|------------------------------|
| Swarming Army Ant  | X | <i>Eciton burchellii</i>     |
| columnar army ant  | X | <i>Eciton sp.</i>            |
| leafcutter ant     | X | <i>Atta sp.</i>              |
| Bullet Ant         | X | <i>Paraponera clavata</i>    |
| paper wasps        | X | <i>Polybia spp.</i>          |
| tarantula hawk     | X | <i>Hemipepsis toussainti</i> |
| small orchid bee   | X | <i>Euglossa sp.</i>          |
| Festive Oil-digger | X | <i>Centris festiva</i>       |
| stingless bees     | X | <i>Meliponini</i>            |



|                              |   |                                     |
|------------------------------|---|-------------------------------------|
| tiny stingless bees          | X | <i>Tetragonsica</i>                 |
| katydids                     | X | <i>Family Tettigonidae</i>          |
| brown katydid                | X | <i>Ischnomela gracilis</i>          |
| Giant Red-winged Grasshopper | X | <i>Tropidacris cristata</i>         |
| mole cricket                 | X | <i>family Gryllotalpidae</i>        |
| stick insect                 | X | <i>Order Phasmida</i>               |
| winged stick insect          | X | <i>Family Pseudophasmatidae</i>     |
| longhorn beetle              | X | <i>Taeniotes xanthostictus</i>      |
| scarab beetles               | X | <i>Family Scarabaeidae</i>          |
| net-winged hopper            | X | <i>Biolleyana sp.</i>               |
| flatid planthoppers          | X | <i>Family Flatidae</i>              |
| horned planthopper           | X | <i>Guayaquila sp.</i>               |
| Red-spotted Stink Bug        | X | <i>Brachystethus rubromaculatus</i> |
| stink bugs                   | X | <i>Family Pentatomidae</i>          |
| Three-spotted Froglet        | X | <i>Carineta trivittata</i>          |
| Green Moss Cicada            | X | <i>Dorisiana amoena</i>             |
| Dimorphic Lichen Cicada      | X | <i>Proarna sallei</i>               |
| Oculate Dancer               | X | <i>Argia oculata</i>                |
| Racket-tipped Rubyspot       | X | <i>Hetaerina occisa</i>             |
| Red-faced Dragonlet          | X | <i>Erythrodiplax fusca</i>          |
| Swamp Skimmer                | X | <i>Orthemis cultriformis</i>        |
| Large Woodskimmer            | X | <i>Uracis fastigiata</i>            |
| Tropical Woodskimmer         | X | <i>Uracis imbuta</i>                |
| Costa Rican Redleg Tarantula | X | <i>Abdomegaphobema mesomelas</i>    |
| Golden-silk Orbweaver        | X | <i>Trichonephila clavipes</i>       |
| Tropical Orb Weaver          | X | <i>Eriophora fuliginea</i>          |
| Pretty Orbweaver             | X | <i>Eriophora nephiloides</i>        |
| wandering spider             | X | <i>Kiekie sp.</i>                   |
| bromeliad spider             | X | <i>Cupiennius sp.</i>               |
| tailless whip-scorpion       | X | <i>Paraphyrnus sp.</i>              |
| harvestman                   | X | <i>Order Opiliones</i>              |
| millipedes                   | X | <i>Order Polydesmida</i>            |
| millipedes                   | X | <i>Order Spirobolida</i>            |