

Canopy Camp Darién

FIELD LISTS

January 2014 - January 2016



Gray-cheeked Nunlet © Kevin Zimmer

Prepared by

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This **FIELD LIST** was prepared for potential participants in **PANAMA'S CANOPY CAMP DARIÉN** tours led by Kevin (Spring) or Barry (Fall) Zimmer and co-led by Canopy Family locals Carlos Bethancourt or Moyo Rodriguez or Domi Alveo or Eliecer Rodriguez. *The Birds of Panama: A Field Guide* by George R. Angehr and Robert Dean, 2010 is recommended for you as the best field guide. For your convenience, the order of families and common names in my Field List are those given by the American Ornithologists' Union *Check-list of North American Birds*, 7th edition and incorporates changes through August 2015. I have put additional comments of interest such as splits or name changes in brackets. This Field List includes ALL species found in the areas we visit on this tour. Check the VENT Catalog or website (<http://www.ventbird.com>) to see other VENT tours to Panama that will produce additional species.

COLUMN I illustrates the abundance codes for those species that are listed in the Canopy Family Checklist that can be purchased at Canopy Camp Darién. My list includes many species not yet recorded on this tour, but that occur in Eastern Panama. We do some birding on the way to and back from the camp.

COLUMN II is designed to give you a **realistic** idea of which species you are likely to encounter. A "blank" or "1" through "6" indicates the number of my one scouting visit and VENT's last 5 tours that recorded each species. When two numbers (e.g. 4,1) are separated by a comma, the first represents the number of tours in which the species was seen and the second represents the number of tours in which the bird was only heard during the tour.

COLUMN III indicates the birds that were seen (x) or only heard (h) on my January 2016 VENT tour. Because I also want to know what is "possible," I included with an "L" those species that I saw or heard but no participants were able to hear or see. The four Field Lists by the Zimmer brothers also listed leader only birds and I included them in the Column II numbers as seen or heard. We only get to visit many areas once and hence weather variables that cannot be controlled may influence our success at finding species that are only at one location. Therefore, Column II is far more valuable to you in terms of estimating your probability of seeing each species than just looking at what was seen or heard (Column II) on my January 2016 VENT tour.

This tour can be great for photography. Come join Kevin Zimmer or Barry Zimmer and the help of a local guide for a great Neotropical experience!

Jeri M. Langham
12 February 2016

EASTERN PANAMA'S CANOPY CAMP DARIÉN -- January 2014 - 2016

	COMMON NAME	SCIENTIFIC NAME	I	II	III
1	Tinamous	Tinamidae			
2	Great Tinamou	<i>Tinamus major</i>	u	1h	h
3	Little Tinamou	<i>Crypturellus soui</i>	c	1,4	h
4	*Choco Tinamou	<i>Crypturellus kerriae</i>			
5	Ducks, Geese & Waterfowl	Anatidae			
6	Black-bellied Whistling-Duck	<i>Dendrocygna autumnalis</i>	u	3	x
7	*Fulvous Whistling-Duck	<i>Dendrocygna bicolor</i>			
8	*Comb Duck	<i>Sarkidiornis melanotos</i>			
9	Muscovy Duck	<i>Cairina moschata</i>	r	1	
10	American Wigeon	<i>Anas americana</i>			
11	*Mallard	<i>Anas platyrhynchos</i>			
12	Blue-winged Teal	<i>Anas discors</i>	m	4	
13	*Cinnamon Teal	<i>Anas cyanoptera</i>			
14	*Northern Shoveler	<i>Anas clypeata</i>			
15	*White-cheeked Pintail	<i>Anas bahamensis</i>			
16	*Northern Pintail	<i>Anas acuta</i>			
17	*Ring-necked Duck	<i>Aythya collaris</i>			
18	Lesser Scaup	<i>Aythya affinis</i>			
19	*Masked Duck	<i>Nomonyx dominicus</i>			
20	Guans, Chachalacas & Curassows	Cracidae			
21	Gray-headed Chachalaca	<i>Ortalis cinereiceps</i>	c	5	x
22	Crested Guan	<i>Penelope purpurascens</i>	u		
23	Great Curassow	<i>Crax rubra</i>	r		
24	New World Quail	Odontophoridae			
25	Marbled Wood-Quail	<i>Odontophorus gujanensis</i>	u	1h	
26	Black-eared Wood-Quail	<i>Odontophorus melanotis</i>	r*		
27	Tacarcuna Wood-Quail	<i>Odontophorus dialeucos</i>			
28	Tawny-faced Quail	<i>Rhynchortyx cinctus</i>	r*		
29	Grebes	Podicipedidae			
30	Least Grebe	<i>Tachybaptus dominicus</i>	u	1	
31	Pied-billed Grebe	<i>Podilymbus podiceps</i>			
32	Storks	Ciconiidae			
33	*Jabiru	<i>Jabiru mycteria</i>			
34	Wood Stork	<i>Mycteria americana</i>	u	4	x
35	Frigatebirds	Fregatidae			
36	Magnificent Frigatebird	<i>Fregata magnificens</i>	c*	4	x
37	Cormorants & Shags	Phalacrocoracidae			
38	Neotropic Cormorant	<i>Phalacrocorax brasilianus</i>	u	5	x
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EASTERN PANAMA'S CANOPY CAMP DARIÉN -- January 2014 - 2016

	COMMON NAME	SCIENTIFIC NAME	I	II	III
1	Anhingas	Anhingidae			
2	Anhinga	<i>Anhinga anhinga</i>	u	3	x
3	Pelicans	Pelecanidae			
4	Brown Pelican	<i>Pelecanus occidentalis</i>	u*	2	x
5	Hérons, Egrets & Bitterns	Ardeidae			
6	*Least Bittern	<i>Ixobrychus exilis</i>			
7	Rufescent Tiger-Heron	<i>Tigrisoma lineatum</i>	c	3	x
8	Fasciated Tiger-Heron	<i>Tigrisoma fasciatum</i>	r		
9	Bare-throated Tiger-Heron	<i>Tigrisoma mexicanum</i>	r*	1	
10	Great Blue Heron	<i>Ardea herodias</i>	m	2	
11	Cocoi Heron	<i>Ardea cocoi</i>	u	5	x
12	Great Egret	<i>Ardea alba</i>	c	5	x
13	Whistling Heron	<i>Syrigma sibilatrix</i>	r*	1	
14	Snowy Egret	<i>Egretta thula</i>	c	5	x
15	Little Blue Heron	<i>Egretta caerulea</i>	m	5	x
16	Tricolored Heron	<i>Egretta tricolor</i>	u		
17	*Reddish Egret	<i>Egretta rufescens</i>			
18	Cattle Egret	<i>Bubulcus ibis</i>	c	5	x
19	Green Heron	<i>Butorides virescens</i>	u	3	x
20	Striated Heron	<i>Butorides striata</i>	c	5	x
21	Agami Heron	<i>Agamia agami</i>	r		
22	Capped Heron	<i>Pilherodius pileatus</i>	u*	4	x
23	Black-crowned Night-Heron	<i>Nycticorax nycticorax</i>	u*		
24	Yellow-crowned Night-Heron	<i>Nyctanassa violacea</i>	u	2	
25	Boat-billed Heron	<i>Cochlearius cochlearius</i>	r	1h	x
26	Ibises & Spoonbills	Threskiornithidae			
27	White Ibis	<i>Eudocimus albus</i>	c*	2	
28	Glossy Ibis	<i>Plegadis falcinellus</i>	vr*	1	
29	Green Ibis	<i>Mesembrinibis cayennensis</i>	r	3	x
30	*Buff-necked Ibis	<i>Theristicus caudatus</i>			
31	Roseate Spoonbill	<i>Platalea ajaja</i>			
32	New World Vultures	Cathartidae			
33	Black Vulture	<i>Coragyps atratus</i>	a	5	x
34	Turkey Vulture	<i>Cathartes aura</i>	a	5	x
35	Lesser Yellow-headed Vulture	<i>Cathartes burrovianus</i>	u*	5	x
36	King Vulture	<i>Sarcoramphus papa</i>	c	4	x
37	Osprey	Pandionidae			
38	Osprey	<i>Pandion haliaetus</i>	c	2	
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EASTERN PANAMA'S CANOPY CAMP DARIÉN -- January 2014 - 2016

	COMMON NAME	SCIENTIFIC NAME	I	II	III
1	Hawks, Eagles & Kites	Accipitridae			
2	Gray-headed Kite	<i>Leptodon cayanensis</i>	u	3,1	x
3	Hook-billed Kite	<i>Chondrohierax uncinatus</i>	u*	1	
4	Swallow-tailed Kite	<i>Elanoides forficatus</i>	u	3	x
5	Pearl Kite	<i>Gampsonyx swainsonii</i>	u	4	x
6	White-tailed Kite	<i>Elanus leucurus</i>	u	3	
7	*Snail Kite	<i>Rostrhamus sociabilis</i>			
8	*Slender-billed Kite	<i>Helicolestes hamatus</i>			
9	Double-toothed Kite	<i>Harpagus bidentatus</i>	u	5	x
10	Mississippi Kite	<i>Ictinia mississippiensis</i>	m	1	
11	Plumbeous Kite	<i>Ictinia plumbea</i>	m	2	x
12	Black-collared Hawk	<i>Busarellus nigricollis</i>	u	2	
13	Northern Harrier	<i>Circus cyaneus</i>	r		
14	*Long-winged Harrier	<i>Circus buffoni</i>			
15	Gray-bellied Hawk	<i>Accipiter poliogaster</i>		1	
16	Tiny Hawk	<i>Accipiter superciliosus</i>	u		
17	*Sharp-shinned Hawk	<i>Accipiter striatus</i>			
18	Bicolored Hawk	<i>Accipiter bicolor</i>	r	1	
19	Crane Hawk	<i>Geranoospiza caerulescens</i>	u	4	x
20	Plumbeous Hawk	<i>Cryptoleucopteryx plumbea</i>	r		
21	Common Black Hawk	<i>Buteogallus anthracinus</i>	u*	3,1	x
22	Mangrove Black Hawk (lumped)	<i>Buteogallus a. subtilis</i>			
23	Savanna Hawk	<i>Buteogallus meridionalis</i>	u*	5	x
24	Great Black Hawk	<i>Buteogallus urubitinga</i>	u	2,1	
25	*Solitary Eagle	<i>Buteogallus solitarius</i>			
26	Barred Hawk	<i>Morphnarchus princeps</i>	u*		
27	Roadside Hawk	<i>Rupornis magnirostris</i>	c	5	x
28	*Harris's Hawk	<i>Parabuteo unicinctus</i>			
29	*White-tailed Hawk	<i>Geranoaetus albicaudatus</i>			
30	White Hawk	<i>Pseudastur albicollis</i>	u	4	
31	Semiplumbeous Hawk	<i>Leucopternis semiplumbeus</i>	u	2	
32	Gray-lined Hawk	<i>Buteo nitidus</i> (split)	u	5	x
33	Broad-winged Hawk	<i>Buteo platypterus</i>	m	5	x
34	Short-tailed Hawk	<i>Buteo brachyurus</i>	u	5	x
35	Swainson's Hawk	<i>Buteo swainsoni</i>	m	3	
36	Zone-tailed Hawk	<i>Buteo albonotatus</i>	u	5	x
37	Red-tailed Hawk	<i>Buteo jamaicensis</i>			
38	Crested Eagle	<i>Morphnus guianensis</i>	r		
39	Harpy Eagle	<i>Harpia harpyja</i>	r	1	
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EASTERN PANAMA'S CANOPY CAMP DARIÉN -- January 2014 - 2016

	COMMON NAME	SCIENTIFIC NAME	I	II	III
1	Black Hawk-Eagle	<i>Spizaetus tyrannus</i>	u	3,1	
2	Ornate Hawk-Eagle	<i>Spizaetus ornatus</i>	r		
3	Black-and-white Hawk-Eagle	<i>Spizaetus melanoleucus</i> (n. g.)	r		
4	Sunbittern	Eurypygidae			
5	Sunbittern	<i>Eurypyga helias</i>	r		
6	Rails, Gallinules & Coots	Rallidae			
7	White-throated Crake	<i>Laterallus albigularis</i>	r	2,1	h
8	Gray-breasted Crake	<i>Laterallus exilis</i>	r*	1h	
9	*Black Rail	<i>Laterallus jamaicensis</i>			
10	Gray-necked Wood-Rail	<i>Aramides cajaneus</i>	c	3	
11	Uniform Crake	<i>Amaurolimnas concolor</i>	r*		
12	Sora	<i>Porzana carolina</i>	m	1,2	x
13	Yellow-breasted Crake	<i>Porzana flaviventer</i>	r*		
14	*Colombian Crake	<i>Neocrex colombiana</i>			
15	*Paint-billed Crake	<i>Neocrex erythrops</i>			
16	*Spotted Rail	<i>Pardirallus maculatus</i>			
17	Purple Gallinule	<i>Porphyrio martinicus</i>	c	5	x
18	Common Gallinule (new name)	<i>Gallinula galeata</i>	c		
19	American Coot	<i>Fulica americana</i>			
20	Finfoots	Heliornithidae			
21	Sungrebe	<i>Heliornis fulica</i>			
22	Limpkin	Aramidae			
23	Limpkin	<i>Aramus guarauna</i>	u	1,1	x
24	Stilts & Avocets	Recurvirostridae			
25	Black-necked Stilt	<i>Himantopus mexicanus</i>			
26	Oystercatchers	Haematopodidae			
27	American Oystercatcher	<i>Haematopus palliatus</i>			
28	Plovers & Lapwings	Charadriidae			
29	Southern Lapwing	<i>Vanellus chilensis</i>	c	5	x
30	Black-bellied Plover	<i>Pluvialis squatarola</i>	m		
31	American Golden-Plover	<i>Pluvialis dominica</i>	m		
32	Collared Plover	<i>Charadrius collaris</i>			
33	Wilson's Plover	<i>Charadrius wilsonia</i>			
34	Semipalmated Plover	<i>Charadrius semipalmatus</i>			
35	Killdeer	<i>Charadrius vociferus</i>	m		
36	Jaçanas	Jacanidae			
37	*Northern Jaçana	<i>Jacana spinosa</i>			
38	Wattled Jaçana	<i>Jacana jacana</i>	c	5	x
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EASTERN PANAMA'S CANOPY CAMP DARIÉN -- January 2014 - 2016

	COMMON NAME	SCIENTIFIC NAME	I	II	III
1	Sandpipers & Allies	Scolopacidae			
2	Spotted Sandpiper	<i>Actitis macularius</i>	m	5	x
3	Solitary Sandpiper	<i>Tringa solitaria</i>	m	3	x
4	*Wandering Tattler	<i>Tringa incana</i>			
5	Greater Yellowlegs	<i>Tringa melanoleuca</i>			x
6	Willet	<i>Tringa semipalmata</i>	m		
7	Lesser Yellowlegs	<i>Tringa flavipes</i>	m		
8	Upland Sandpiper	<i>Bartramia longicauda</i>	m		
9	Whimbrel	<i>Numenius phaeopus</i>			
10	*Long-billed Curlew	<i>Numenius americanus</i>			
11	*Hudsonian Godwit	<i>Limosa haemastica</i>			
12	Marbled Godwit	<i>Limosa fedoa</i>			
13	Ruddy Turnstone	<i>Arenaria interpres</i>			
14	Red Knot	<i>Calidris canutus</i>			
15	Surfbird	<i>Calidris virgata</i>			
16	*Ruff	<i>Calidris pugnax</i>			
17	*Stilt Sandpiper	<i>Calidris himantopus</i>	m		
18	*Curlew Sandpiper	<i>Calidris ferruginea</i>			
19	Sanderling	<i>Calidris alba</i>			
20	*Dunlin	<i>Calidris alpina</i>			
21	*Baird's Sandpiper	<i>Calidris bairdii</i>			
22	Least Sandpiper	<i>Calidris minutilla</i>	m		
23	*White-rumped Sandpiper	<i>Calidris fuscicollis</i>			
24	*Buff-breasted Sandpiper	<i>Calidris subruficollis</i>			
25	*Pectoral Sandpiper	<i>Calidris melanotos</i>	m	1	
26	Semipalmated Sandpiper	<i>Calidris pusilla</i>	m		
27	Western Sandpiper	<i>Calidris mauri</i>	m		
28	Short-billed Dowitcher	<i>Limnodromus griseus</i>			
29	Long-billed Dowitcher	<i>Limnodromus scolopaceus</i>	m		
30	Wilson's Snipe	<i>Gallinago delicata</i>	m		
31	*Wilson's Phalarope	<i>Phalaropus tricolor</i>			
32	*Red-necked Phalarope	<i>Phalaropus lobatus</i>			
33	Gulls, Terns & Skimmers	Laridae			
34	Sabine's Gull	<i>Xema sabini</i>			
35	*Bonaparte's Gull	<i>Chroicocephalus philadelphia</i>			
36	*Gray-hooded Gull	<i>Chroicocephalus cirrocephalus</i>			
37	Gray Gull	<i>Leucophaeus modestus</i>			
38	Laughing Gull	<i>Leucophaeus atricilla</i> (n. genus)			
39	Franklin's Gull	<i>Leucophaeus pipixcan</i> (n. g.)			
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EASTERN PANAMA'S CANOPY CAMP DARIÉN -- January 2014 - 2016

	COMMON NAME	SCIENTIFIC NAME	I	II	III
1	*Belcher's Gull	<i>Larus belcheri</i>			
2	Ring-billed Gull	<i>Larus delawarensis</i>			
3	Herring Gull	<i>Larus argentatus</i>			
4	*Lesser Black-backed Gull	<i>Larus fuscus</i>			
5	*Kelp Gull	<i>Larus dominicanus</i>			
6	Brown Noddy	<i>Anous stolidus</i>			
7	Sooty Tern	<i>Onychoprion fuscatus</i>			
8	Bridled Tern	<i>Onychoprion anaethetus</i>			
9	Least Tern	<i>Sternula antillarum</i>			
10	Large-billed Tern	<i>Phaetusa simplex</i>			
11	Gull-billed Tern	<i>Gelochelidon nilotica</i>			
12	Caspian Tern	<i>Hydroprogne caspia</i>			
13	*Inca Tern	<i>Larosterna inca</i>			
14	Black Tern	<i>Chlidonias niger</i>			
15	Common Tern	<i>Sterna hirundo</i>			
16	*Arctic Tern	<i>Sterna paradisaea</i>			
17	*Forster's Tern	<i>Sterna forsteri</i>			
18	Royal Tern	<i>Thalasseus maximus</i>			
19	Sandwich Tern	<i>Thalasseus sandvicensis</i>			
20	Elegant Tern	<i>Thalasseus elegans</i>			
21	Black Skimmer	<i>Rynchops niger</i>			
22	Pigeons & Doves	Columbidae			
23	Rock Pigeon (I)	<i>Columba livia</i>	u*	5	x
24	Pale-vented Pigeon	<i>Patagioenas cayennensis</i>	c	5	x
25	Scaled Pigeon	<i>Patagioenas speciosa</i>	c	3	x
26	Plumbeous Pigeon	<i>Patagioenas plumbea</i>	r*		
27	Ruddy Pigeon	<i>Patagioenas subvinacea</i>	u	5	
28	Short-billed Pigeon	<i>Patagioenas nigrirostris</i>	c	1,2	x
29	*Dusky Pigeon	<i>Patagioenas goodsoni</i>			
30	Plain-breasted Ground-Dove	<i>Columbina minuta</i>	u	5	x
31	Ruddy Ground-Dove	<i>Columbina talpacoti</i>	c	5	x
32	Blue Ground-Dove	<i>Claravis pretiosa</i>	u	5	x
33	Ruddy Quail-Dove	<i>Geotrygon montana</i>	u		
34	Violaceous Quail-Dove	<i>Geotrygon violacea</i>			
35	Olive-backed Quail-Dove	<i>Leptotrygon veraguensis</i> (n. g.)	r		
36	White-tipped Dove	<i>Leptotila verreauxi</i>	c	5	x
37	Gray-chested Dove	<i>Leptotila cassinii</i>	c	3	
38	Purplish-backed Quail-Dove	<i>Zenitrygon lawrencii</i> (n. g.)	vr		
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	COMMON NAME	SCIENTIFIC NAME	I	II	III
1	Russet-crowned Quail-Dove	<i>Zentrygon goldmani</i> (n. g.)			
2	White-winged Dove	<i>Zenaida asiatica</i>			
3	*Eared Dove	<i>Zenaida auriculata</i>			
4	*Mourning Dove	<i>Zenaida macroura</i>		L	
5	Cuckoos	Cuculidae			
6	Little Cuckoo	<i>Coccyzua minuta</i>	r	2,1	
7	*Dwarf Cuckoo	<i>Coccyzua pumila</i>	x		
8	Squirrel Cuckoo	<i>Piaya cayana</i>	c	5	x
9	*Dark-billed Cuckoo	<i>Coccyzus melacoryphus</i>			
10	*Gray-capped Cuckoo	<i>Coccyzus lansbergi</i>			
11	Yellow-billed Cuckoo	<i>Coccyzus americanus</i>	m	2	
12	Pearly-breasted Cuckoo	<i>Coccyzus euleri</i>			
13	Mangrove Cuckoo	<i>Coccyzus minor</i>			
14	Black-billed Cuckoo	<i>Coccyzus erythrophthalmus</i>	m		
15	Striped Cuckoo	<i>Tapera naevia</i>	u	4,1	x
16	Pheasant Cuckoo	<i>Dromococcyx phasianellus</i>			
17	Rufous-vented Ground-Cuckoo	<i>Neomorphus geoffroyi</i>	vr		
18	Greater Ani	<i>Crotophaga major</i>	c	5	x
19	Smooth-billed Ani	<i>Crotophaga ani</i>	c	5	x
20	Groove-billed Ani	<i>Crotophaga sulcirostris</i>	r	1	
21	Barn-Owls	Tytonidae			
22	Barn Owl	<i>Tyto alba</i>	u		h
23	Owls	Strigidae			
24	Tropical Screech-Owl	<i>Megascops choliba</i>	u	1	
25	Vermiculated Screech-Owl	<i>Megascops guatemalae</i>	u		
26	Choco Screech-Owl (to be split)	<i>Megascops g. chocoensis</i>	?		
27	Bare-shanked Screech-Owl	<i>Megascops clarkii</i>			
28	Crested Owl	<i>Lophotrix cristata</i>	r	4h	h
29	Spectacled Owl	<i>Pulsatrix perspicillata</i>	u	1h	x
30	Central American Pygmy-Owl	<i>Glaucidium griseiceps</i>	r	2h	
31	Mottled Owl	<i>Ciccaba virgata</i>	c	3,2	h
32	Black-and-white Owl	<i>Ciccaba nigrolineata</i>	u	2,1	x
33	Striped Owl	<i>Pseudoscops clamator</i>	r	1	
34	Nightjars & Allies	Caprimulgidae			
35	Short-tailed Nighthawk	<i>Lurocalis semitorquatus</i>	r		
36	Lesser Nighthawk	<i>Chordeiles acutipennis</i>	u	2	
37	Common Nighthawk	<i>Chordeiles minor</i>	m*	1	
38	Common Pauraque	<i>Nyctidromus albicollis</i>	c	5	x
39	Chuck-will's-widow	<i>Antrostomus carolinensis</i> (n. g.)	m		
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EASTERN PANAMA'S CANOPY CAMP DARIÉN -- January 2014 - 2016

	COMMON NAME	SCIENTIFIC NAME	I	II	III
1	Rufous Nightjar	<i>Antrostomus rufus</i> (n. genus)	u	2h	
2	White-tailed Nightjar	<i>Hydrosalis cayennensis</i> (n. g.)	r*		x
3	Potoos	Nyctibiidae			
4	Great Potoo	<i>Nyctibius grandis</i>	u	1	x
5	Common Potoo	<i>Nyctibius griseus</i>	u	2,1	x
6	Oilbird	Steatornithidae			
7	Oilbird	<i>Steatornis caripensis</i>			
8	Swifts	Apodidae			
9	*Black Swift	<i>Cypseloides niger</i>			
10	*Chestnut-collared Swift	<i>Streptoprocne rutila</i>			
11	White-collared Swift	<i>Streptoprocne zonaris</i>	u	3	x
12	Chimney Swift	<i>Chaetura pelagica</i>	m	2	
13	Vaux's Swift	<i>Chaetura vauxi</i>	m		
14	*Ashy-tailed Swift	<i>Chaetura andrei</i>			
15	*Chapman's Swift	<i>Chaetura chapmani</i>			
16	Short-tailed Swift	<i>Chaetura brachyura</i>	c	3	
17	Band-rumped Swift	<i>Chaetura spinicaudus</i>	c	3	x
18	Lesser Swallow-tailed Swift	<i>Panyptila cayennensis</i>	c		x
19	Hummingbirds	Trochilidae			
20	White-necked Jacobin	<i>Florisuga mellivora</i>	u	1	x
21	White-tipped Sicklebill	<i>Eutoxeres aquila</i>			
22	Rufous-breasted Hermit	<i>Glaucis hirsutus</i>	c	5	x
23	Band-tailed Barbthroat	<i>Threnetes ruckeri</i>	u	1	L
24	*White-whiskered Hermit	<i>Phaethornis yaruqui</i>			
25	Green Hermit	<i>Phaethornis guy</i>		1	
26	Long-billed Hermit (n.c.)	<i>Phaethornis longirostris</i>	u	3	
27	Pale-bellied Hermit	<i>Phaethornis anthophilus</i>	c	5	x
28	Stripe-throated Hermit (split)	<i>Phaethornis striigularis</i>	u	5	x
29	Green-fronted Lancebill	<i>Doryfera ludovicae</i>			
30	Brown Violetear	<i>Colibri delphinae</i>			
31	Tooth-billed Hummingbird	<i>Androdon aequatorialis</i>			
32	Purple-crowned Fairy	<i>Heliodytes barroti</i>	c	5	
33	*Ruby-topaz Hummingbird	<i>Chrysolampis mosquitus</i>	r	1	
34	Black-throated Mango	<i>Anthracothorax nigricollis</i>	c	5	x
35	Green Thorntail	<i>Discosura conversii</i>			
36	Rufous-crested Coquette	<i>Lophornis delattrei</i>	r	1	
37	Greenish Puffleg	<i>Haplophaedia aureliae</i>			
38	Green-crowned Brilliant	<i>Heliodoxa jacula</i>			
39	Long-billed Starthroat	<i>Heliothraupis longirostris</i>	c	5	x
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EASTERN PANAMA'S CANOPY CAMP DARIÉN -- January 2014 - 2016

	COMMON NAME	SCIENTIFIC NAME	I	II	III
1	*Purple-throated Woodstar	<i>Calliphlox mitchellii</i>			
2	Garden Emerald	<i>Chlorostilbon assimilis</i>	u		
3	Violet-headed Hummingbird	<i>Klais guimeti</i>		1	
4	Scaly-breasted Hummingbird	<i>Phaeochroa cuvierii</i>	c	5	x
5	White-vented Plumeleteer	<i>Chalybura buffonii</i>	u	3	
6	Bronze-tailed Plumeleteer	<i>Chalybura urochrysis</i>			
7	Crowned Woodnymph (split)	<i>Thalurania colombica</i>	u*	2	
8	Blue-chested Hummingbird	<i>Amazilia amabilis</i>	c	5	x
9	Snowy-bellied Hummingbird	<i>Amazilia edward</i>	c*	5	x
10	Rufous-tailed Hummingbird	<i>Amazilia tzacatl</i>	c	5	x
11	Pirre Hummingbird	<i>Goethalsia bella</i>			
12	Violet-capped Hummingbird	<i>Goldmania violiceps</i>			x
13	Sapphire-throated Hummingbird	<i>Lepidopyga coeruleogularis</i>	u	5	x
14	Violet-bellied Hummingbird	<i>Damophila julie</i>	c	5	x
15	Humboldt's Sapphire	<i>Hylocharis humboldtii</i>			
16	Blue-throated Goldentail	<i>Hylocharis eliciae</i>	u	3	x
17	Trogons	Trogonidae			
18	Slaty-tailed Trogon	<i>Trogon massena</i>	c	1,1	
19	Black-tailed Trogon	<i>Trogon melanurus</i>	c	5	x
20	White-tailed Trogon	<i>Trogon chionurus</i>	c	3,1	x
21	Gartered (N. Violaceous) Trogon	<i>Trogon caligatus</i> (split)	c	5	h
22	Black-throated Trogon	<i>Trogon rufus</i>	c*	1,1	x
23	Collared Trogon	<i>Trogon collaris</i>			
24	Golden-headed Quetzal	<i>Pharomachrus auriceps</i>			
25	Motmots	Momotidae			
26	Tody Motmot	<i>Hylomanes momotula</i>	r*		
27	Blue-crowned Motmot (western Pan.)	<i>Momotus momota</i> (to be split)			
28	Whooping Motmot (eastern Panama)	<i>Momotus subrufescens</i> (to be s.)	c	4	x
29	Rufous Motmot	<i>Baryphthengus martii</i>	c		
30	Broad-billed Motmot	<i>Electron platyrhynchum</i>	c	1	x
31	Kingfishers	Alcedinidae			
32	Ringed Kingfisher	<i>Megaceryle torquata</i> (n. genus)	c	5	x
33	Belted Kingfisher	<i>Megaceryle alcyon</i> (n. genus)	m		
34	Amazon Kingfisher	<i>Chloroceryle amazona</i>	c	4	x
35	Green Kingfisher	<i>Chloroceryle americana</i>	c	2	L
36	Green-and-rufous Kingfisher	<i>Chloroceryle inda</i>	u	1	
37	American Pygmy Kingfisher	<i>Chloroceryle aenea</i>	u		x
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EASTERN PANAMA'S CANOPY CAMP DARIÉN -- January 2014 - 2016

	COMMON NAME	SCIENTIFIC NAME	I	II	III
1	Puffbirds	Bucconidae			
2	Barred Puffbird	<i>Nystalus radiatus</i>	c	5	x
3	White-necked Puffbird	<i>Notharchus hyperhynchus</i> (nse)	c	5	x
4	Black-breasted Puffbird	<i>Notharchus pectoralis</i>	c*	2	
5	Pied Puffbird	<i>Notharchus tectus</i>	c	5	x
6	White-whiskered Puffbird	<i>Malacoptila panamensis</i>	u	1	
7	*Lanceolated Monklet	<i>Micromonacha lanceolata</i>			
8	Gray-cheeked Nunlet	<i>Nonnula frontalis</i>	u	5	x
9	White-fronted Nunbird	<i>Monasa morphoeus</i>	u*	1	x
10	Jacamars	Galbulidae			
11	Dusky-backed Jacamar	<i>Brachygalba salmoni</i>	vr	2	x
12	Rufous-tailed Jacamar	<i>Galbula ruficauda</i>	u	5	x
13	Great Jacamar	<i>Jacamerops aureus</i>	u	1	x
14	New World Barbets	Capitonidae (new)			
15	Spot-crowned Barbet	<i>Capito maculicoronatus</i>	c	4	x
16	Red-headed Barbet	<i>Eubucco bourcierii</i>			
17	Toucans	Ramphastidae			
18	Blue-throated Toucanet (to be split)	<i>Aulacorhynchus caeruleogularis</i>			
19	Collared Araçari	<i>Pteroglossus torquatus</i>	c	5	x
20	Yellow-eared Toucanet	<i>Selenidera spectabilis</i>	u*		
21	Yellow-throated Toucan (new name)	<i>Ramphastos tucanus</i> (new)	c	5	x
22	Keel-billed Toucan	<i>Ramphastos sulfuratus</i>	c	5	x
23	*Choco Toucan	<i>Ramphastos brevis</i>			
24	Woodpeckers	Picidae			
25	Olivaceous Piculet	<i>Picumnus olivaceus</i>	u	5	x
26	Black-cheeked Woodpecker	<i>Melanerpes pucherani</i>	c	5	x
27	Red-crowned Woodpecker	<i>Melanerpes rubricapillus</i>	c	5	x
28	Yellow-bellied Sapsucker	<i>Sphyrapicus varius</i>			
29	Smoky-brown Woodpecker	<i>Picoides fumigatus</i>			
30	Red-rumped Woodpecker	<i>Veniliornis kirkii</i>	u	5	x
31	Stripe-cheeked Woodpecker	<i>Piculus collopterus</i>	u	2	x
32	Golden-green Woodpecker	<i>Piculus chrysochloros</i>	u	5	
33	Spot-breasted Woodpecker	<i>Colaptes punctigula</i>	u	5	x
34	Cinnamon Woodpecker	<i>Celeus loricatus</i>	c	4,1	x
35	Lineated Woodpecker	<i>Dryocopus lineatus</i>	c	5	x
36	Crimson-bellied Woodpecker	<i>Campephilus haematogaster</i>	r*		
37	Crimson-crested Woodpecker	<i>Campephilus melanoleucos</i>	c	5	x
38					
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EASTERN PANAMA'S CANOPY CAMP DARIÉN -- January 2014 - 2016

	COMMON NAME	SCIENTIFIC NAME	I	II	III
1	Falcons & Caracaras	Falconidae			
2	Laughing Falcon	<i>Herpetotheres cachinnans</i>	u	3,2	
3	Barred Forest-Falcon	<i>Micrastur ruficollis</i>	u	1h	
4	Slaty-backed Forest-Falcon	<i>Micrastur mirandollei</i>	u	1h	
5	Collared Forest-Falcon	<i>Micrastur semitorquatus</i>	u	1	h
6	Red-throated Caracara	<i>Ibycter americanus</i>	c	4	x
7	Crested Caracara	<i>Caracara cheriway</i>	u	4	
8	Yellow-headed Caracara	<i>Milvago chimachima</i>	u	5	x
9	American Kestrel	<i>Falco sparverius</i>	u	5	x
10	Merlin	<i>Falco columbarius</i>	u	1	
11	Aplomado Falcon	<i>Falco femoralis</i>			
12	Bat Falcon	<i>Falco ruficularis</i>	u	4	x
13	*Orange-breasted Falcon	<i>Falco deiroleucus</i>	r		
14	Peregrine Falcon	<i>Falco peregrinus</i>	m	1	
15	New World & African Parrots	Psittacidae			
16	Brown-throated Parakeet	<i>Eupsittula pertinax</i> (new genus)			
17	Chestnut-fronted Macaw	<i>Ara severus</i>	r	2	
18	Great Green Macaw	<i>Ara ambiguus</i>	r		
19	Red-and-green Macaw	<i>Ara chloropterus</i>	u*		
20	Blue-and-yellow Macaw	<i>Ara ararauna</i>	r	1	x
21	Spectacled Parrotlet	<i>Forpus conspicillatus</i>	u	4	x
22	Orange-chinned Parakeet	<i>Brotogeris jugularis</i>	c	5	x
23	Blue-fronted Parrotlet	<i>Touit dilectissimus</i>			
24	Brown-hooded Parrot	<i>Pyrilia haematotis</i> (new genus)	u	5	L
25	Saffron-headed Parrot	<i>Pyrilia pyrilia</i>	r*		
26	Blue-headed Parrot	<i>Pionus menstruus</i>	c	5	x
27	Red-ored Parrot	<i>Amazona autumnalis</i>	a	5	x
28	Mealy Parrot	<i>Amazona farinosa</i>	c	5	x
29	Yellow-crowned Parrot	<i>Amazona ochrocephala</i>	u		
30	Sapayoa	Sapayoidae (new)			
31	Sapayoa	<i>Sapayoa aenigma</i>	r*		
32	Typical Antbirds	Thamnophilidae			
33	Fasciated Antshrike	<i>Cymbilaimus lineatus</i>	u	1,2	h
34	Great Antshrike	<i>Taraba major</i>	u	2,2	x
35	Barred Antshrike	<i>Thamnophilus doliatus</i>	u	3	x
36	Black Antshrike	<i>Thamnophilus nigriceps</i>	c	5	x
37	Black-crowned Antshrike	<i>Thamnophilus atrinucha</i>	c	5	x
38	Spiny-faced Antshrike	<i>Xenornis setifrons</i>			
39	Russet Antshrike	<i>Thamnistes anabatinus</i>	u*		
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EASTERN PANAMA'S CANOPY CAMP DARIÉN -- January 2014 - 2016

	COMMON NAME	SCIENTIFIC NAME	I	II	III
1	Plain Antvireo	<i>Dysithamnus mentalis</i>			
2	Spot-crowned Antvireo	<i>Dysithamnus puncticeps</i>	c*		
3	Moustached Antwren (split)	<i>Myrmotherula ignota</i>	u	3,1	x
4	Pacific Antwren	<i>Myrmotherula pacifica</i>	u	3	x
5	White-flanked Antwren	<i>Myrmotherula axillaris</i>	c	3	x
6	Slaty Antwren	<i>Myrmotherula schisticolor</i>			
7	Checker-throated Antwren	<i>Epinecrophylla fulviventris</i> (n. g.)	c	1,1	
8	Rufous-winged Antwren	<i>Herpsilochmus rufimarginatus</i>	u	5	
9	Dot-winged Antwren	<i>Microrhopias quixensis</i>	c	2,1	
10	Rufous-rumped Antwren	<i>Euchrepomis callinota</i>			
11	Dusky Antbird	<i>Cercomacra tyrannina</i>	c	5	L
12	Jet Antbird	<i>Cercomacra nigricans</i>	u*		
13	Bare-crowned Antbird	<i>Gymnocichla nudiceps</i>	u	4	x
14	White-bellied Antbird	<i>Myrmeciza longipes</i>	c	5	x
15	Chestnut-backed Antbird	<i>Myrmeciza exsul</i>	c	4,1	x
16	Dull-mantled Antbird	<i>Myrmeciza laemosticta</i>	r		
17	Zeledon's Antbird	<i>Myrmeciza zeledoni</i>			
18	Spotted Antbird	<i>Hylophylax naevioides</i>	c	1	x
19	Wing-banded Antbird	<i>Myrmornis torquata</i>	vr*		
20	Bicolored Antbird	<i>Gymnopithys bicolor</i> (n.s.e.)	u	1,1	x
21	Ocellated Antbird	<i>Phaenostictus mcleannani</i>	u		
22	Gnateaters (new family)	Conopophagidae (new)			
23	Black-crowned Antpitta	<i>Pittasoma michleri</i>	r		x
24	Antpittas	Grallariidae			
25	Scaled Antpitta	<i>Grallaria guatemalensis</i>			
26	Streak-chested Antpitta	<i>Hylopezus perspicillatus</i>	u		
27	Thicket Antpitta	<i>Hylopezus dives</i>			
28	Ochre-breasted Antpitta	<i>Grallaricula flavirostris</i>			
29	Tapaculos	Rhinocryptidae			
30	Tacarcuna Tapaculo	<i>Scytalopus panamensis</i>			
31	Choco Tapaculo	<i>Scytalopus chocoensis</i>			
32	Antthrushes	Formicariidae			
33	Black-faced Antthrush	<i>Formicarius analis</i>	c	3,2	x
34	Black-headed Antthrush	<i>Formicarius nigricapillus</i>	r*		
35	Rufous-breasted Antthrush	<i>Formicarius rufipectus</i>			
36	Ovenbirds & Woodcreepers	Furnariidae			
37	Tawny-throated Leafhopper	<i>Sclerurus mexicanus</i>	u*		
38	Scaly-throated Leafhopper	<i>Sclerurus guatemalensis</i>	u	1h	
39					
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EASTERN PANAMA'S CANOPY CAMP DARIÉN -- January 2014 - 2016

	COMMON NAME	SCIENTIFIC NAME	I	II	III
1	Olivaceous Woodcreeper	<i>Sittasomus griseicapillus</i>	u		
2	Long-tailed Woodcreeper	<i>Deconychura longicauda</i>	u		
3	Ruddy Woodcreeper	<i>Dendrocincla homochroa</i>	r		
4	Plain-brown Woodcreeper	<i>Dendrocincla fuliginosa</i>	c	4	x
5	Wedge-billed Woodcreeper	<i>Glyphorhynchus spirurus</i>	u		
6	Northern Barred-Woodcreeper	<i>Dendrocolaptes sanctithomae</i>	u	2,1	x
7	Cocoa Woodcreeper (split)	<i>Xiphorhynchus susurrans</i>	c	5	x
8	Black-striped Woodcreeper	<i>Xiphorhynchus lachrymosus</i>	c	1	
9	Spotted Woodcreeper	<i>Xiphorhynchus erythropygius</i>	u*		
10	Straight-billed Woodcreeper	<i>Dendroplex picus</i> (new genus)			
11	Red-billed Scythebill	<i>Campylorhamphus trochilirostris</i>	r	4	h
12	Brown-billed Scythebill	<i>Campylorhamphus pusillus</i>			
13	Streak-headed Woodcreeper	<i>Lepidocolaptes souleyetii</i>	c	5	x
14	Plain Xenops	<i>Xenops minutus</i>	c	5	x
15	Streaked Xenops	<i>Xenops rutilans</i>	u*	2	
16	Sharp-tailed Streamcreeper	<i>Lochmias nematura</i>			
17	Slaty-winged Foliage-gleaner	<i>Philydor fuscipenne</i>	r*		
18	Lineated Foliage-gleaner	<i>Syndactyla subalaris</i>			
19	Ruddy Foliage-gleaner	<i>Clibanornis rubiginosus</i> (n. g.)			
20	Buff-throated Foliage-gleaner	<i>Automolus ochrolaemus</i>	u		
21	Striped Woodhaunter	<i>Automolus subulatus</i> (n. genus)			
22	Spotted Barbtail	<i>Premnoplex brunnescens</i>			
23	Beautiful Treerunner	<i>Margarornis bellulus</i>			
24	Double-banded Graytail	<i>Xenerpestes minlosi</i>	u	5	x
25	Red-faced Spinetail	<i>Cranioleuca erythroptis</i>			
26	Pale-breasted Spinetail	<i>Synallaxis albescens</i>	u*	1	
27	Slaty Spinetail	<i>Synallaxis brachyura</i>	r		
28	Tyrant Flycatchers	Tyrannidae			
29	Brown-capped Tyrannulet	<i>Ornithion brunneicapillus</i>	c	5	L
30	Southern Beardless-Tyrannulet	<i>Camptostoma obsoletum</i>	c	2,1	
31	Mouse-colored Tyrannulet	<i>Phaeomyias murina</i>	r*		
32	Yellow Tyrannulet	<i>Capsiempis flaveola</i>	c*	1	
33	Yellow-crowned Tyrannulet	<i>Tyrannulus elatus</i>	c	5	x
34	Forest Elaenia	<i>Myiopagis gaimardii</i>	c	5	x
35	Gray Elaenia	<i>Myiopagis caniceps</i>	u		
36	Greenish Elaenia	<i>Myiopagis viridicata</i>	r	1	
37	Yellow-bellied Elaenia	<i>Elaenia flavogaster</i>	u	5	x
38	Lesser Elaenia	<i>Elaenia chiriquensis</i>	r*		
39					
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EASTERN PANAMA'S CANOPY CAMP DARIÉN -- January 2014 - 2016

	COMMON NAME	SCIENTIFIC NAME	I	II	III
1	Olive-striped Flycatcher	<i>Mionectes olivaceus</i>	u		
2	Ochre-bellied Flycatcher	<i>Mionectes oleagineus</i>	c	4	x
3	Sepia-capped Flycatcher	<i>Leptopogon amaurocephalus</i>			
4	Slaty-capped Flycatcher	<i>Leptopogon superciliaris</i>			
5	Yellow-green Tyrannulet (E)	<i>Phylloscartes flavovirens</i>	u	1	
6	Rufous-browed Tyrannulet	<i>Phylloscartes superciliaris</i>			
7	Sooty-headed Tyrannulet	<i>Phyllomyias griseiceps</i>	u	4	x
8	Paltry Tyrannulet	<i>Zimmerius villosus</i>	c	3	x
9	Northern Scrub-Flycatcher	<i>Sublegatus arenarum</i>	u		
10	Bronze-olive Pygmy-Tyrant	<i>Pseudotriccus pelzelni</i>			
11	Black-capped Pygmy-Tyrant	<i>Myiornis atricapillus</i>	c	3	x
12	Scale-crested Pygmy-Tyrant	<i>Lophotriccus pileatus</i>			
13	Pale-eyed Pygmy-Tyrant	<i>Lophotriccus pilaris</i>			
14	Southern Bentbill	<i>Oncostoma olivaceum</i>	c	2,2	x
15	Slate-headed Tody-Flycatcher	<i>Poecilotriccus sylvia</i>			
16	Common Tody-Flycatcher	<i>Todirostrum cinereum</i>	c	4	
17	Black-headed Tody-Flycatcher	<i>Todirostrum nigriceps</i>	c	5	x
18	Brownish Twistwing (Flycatcher) (n.n.)	<i>Cnipodectes subbrunneus</i>	u		
19	Eye-ringed Flatbill	<i>Rhynchocyclus brevirostris</i>			
20	Olivaceous Flatbill	<i>Rhynchocyclus olivaceus</i>	c	2	
21	Yellow-olive Flycatcher	<i>Tolmomyias sulphurescens</i>	u	1	
22	Yellow-margined Flycatcher	<i>Tolmomyias assimilis</i>	c	4	x
23	Yellow-breasted Flycatcher	<i>Tolmomyias flaviventris</i>	u	4,1	x
24	White-throated Spadebill	<i>Platyrinchus mystaceus</i>			
25	Golden-crowned Spadebill	<i>Platyrinchus coronatus</i>	u		
26	Royal Flycatcher	<i>Onychorhynchus coronatus</i>	u	2,1	x
27	Ruddy-tailed Flycatcher	<i>Terentotriccus erythrurus</i>	c	2,1	x
28	Tawny-breasted Flycatcher	<i>Myiobius villosus</i>			
29	Sulphur-rumped Flycatcher	<i>Myiobius sulphureipygius</i>	u	2	
30	Black-tailed Flycatcher	<i>Myiobius atricaudus</i>	u		x
31	Bran-colored Flycatcher	<i>Myiophobus fasciatus</i>	u*	1h	
32	Black-billed Flycatcher	<i>Aphanotriccus audax</i>	r		
33	Tufted Flycatcher	<i>Mitrephanes phaeocercus</i>	u*		
34	Olive-sided Flycatcher	<i>Contopus cooperi</i>	m	2	
35	Western Wood-Pewee	<i>Contopus sordidulus</i>	m		
36	Eastern Wood-Pewee	<i>Contopus virens</i>	m	2	
37	Tropical Pewee	<i>Contopus cinereus</i>	u	2	x
38	*Yellow-bellied Flycatcher	<i>Empidonax flaviventris</i>			
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EASTERN PANAMA'S CANOPY CAMP DARIÉN -- January 2014 - 2016

	COMMON NAME	SCIENTIFIC NAME	I	II	III
1	Acadian Flycatcher	<i>Empidonax virescens</i>	m	3,1	h
2	Alder Flycatcher	<i>Empidonax alnorum</i>	m		
3	Willow Flycatcher	<i>Empidonax traillii</i>	m	1	
4	*Least Flycatcher	<i>Empidonax minimus</i>			
5	Black Phoebe	<i>Sayornis nigricans</i>	u*		
6	Pied Water-Tyrant	<i>Fluvicola pica</i>	c*	4	x
7	Long-tailed Tyrant	<i>Colonia colonus</i>	u	5	x
8	Cattle Tyrant	<i>Machetornis rixosa</i>	u		
9	Bright-rumped Attila	<i>Attila spadiceus</i>	c	4,1	x
10	Sirystes	<i>Sirystes sibilator</i>	u	2	x
11	Rufous Mourner	<i>Rhytipterna holerythra</i>	u	1	
12	Dusky-capped Flycatcher	<i>Myiarchus tuberculifer</i>	c	5	h
13	Panama Flycatcher	<i>Myiarchus panamensis</i>	c	2	
14	Great Crested Flycatcher	<i>Myiarchus crinitus</i>	m	5	x
15	Lesser Kiskadee	<i>Pitangus lictor</i>	c	5	x
16	Great Kiskadee	<i>Pitangus sulphuratus</i>	c	3,2	x
17	Boat-billed Flycatcher	<i>Megarynchus pitangua</i>	c	5	x
18	Rusty-margined Flycatcher	<i>Myiozetetes cayanensis</i>	c	5	x
19	Social Flycatcher	<i>Myiozetetes similis</i>	r	4	x
20	Gray-capped Flycatcher	<i>Myiozetetes granadensis</i>	c	1,1	x
21	White-ringed Flycatcher	<i>Conopias albobittatus</i>	u	1	x
22	Golden-crowned Flycatcher	<i>Myiodynastes chrysocephalus</i>			
23	Streaked Flycatcher	<i>Myiodynastes maculatus</i>	c	5	x
24	Sulphur-bellied Flycatcher	<i>Myiodynastes luteiventris</i>	m	2	
25	Piratic Flycatcher	<i>Legatus leucophaeus</i>	m	4	x
26	*Crowned Slaty Flycatcher	<i>Empidonomus aurantioatrocris.</i>			
27	Tropical Kingbird	<i>Tyrannus melancholicus</i>	a	5	x
28	*Western Kingbird	<i>Tyrannus verticalis</i>			
29	Eastern Kingbird	<i>Tyrannus tyrannus</i>	m	2	
30	Gray Kingbird	<i>Tyrannus dominicensis</i>			
31	Scissor-tailed Flycatcher	<i>Tyrannus forficatus</i>			
32	Fork-tailed Flycatcher	<i>Tyrannus savana</i>	c	5	x
33	Tityras & Allies	Tityridae (new)			
34	Northern Schiffornis	<i>Schiffornis veraepacis</i>			
35	Russet-winged Schiffornis	<i>Schiffornis stenorhyncha</i>	u	1	x
36	Speckled Mourner	<i>Laniocera rufescens</i>	r	2	
37	Masked Tityra	<i>Tityra semifasciata</i>	c	5	x
38	Black-crowned Tityra	<i>Tityra inquisitor</i>	c	5	x
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EASTERN PANAMA'S CANOPY CAMP DARIÉN -- January 2014 - 2016

	COMMON NAME	SCIENTIFIC NAME	I	II	III
1	Cinereous Becard	<i>Pachyramphus rufus</i>	u	1	
2	Cinnamon Becard	<i>Pachyramphus cinnamomeus</i>	c	5	x
3	White-winged Becard	<i>Pachyramphus polychopterus</i>	u	5	x
4	*Black-and-white Becard	<i>Pachyramphus albogriseus</i>			
5	One-colored Becard	<i>Pachyramphus homochrous</i>	u	4,1	x
6	Cotingas	Cotingidae			
7	Purple-throated Fruitcrow	<i>Querula purpurata</i>	c	5	x
8	Blue Cotinga	<i>Cotinga nattererii</i>	c	5	x
9	Rufous Piha	<i>Lipaugus unirufus</i>	u		x
10	Black-tipped Cotinga	<i>Carpodectes hopkei</i>			
11	Manakins	Pipridae			
12	Lance-tailed Manakin	<i>Chiroxiphia lanceolata</i>			
13	White-ruffed Manakin	<i>Corapipo altera</i>		2h	
14	Green Manakin	<i>Cryptopipo holochlora</i> (n. genus)	r		
15	Blue-crowned Manakin	<i>Lepidothrix coronata</i> (n. genus)	c	1h	x
16	Golden-collared Manakin	<i>Manacus vitellinus</i>	c	5	x
17	Red-capped Manakin	<i>Ceratopipra mentalis</i>	c*	2	x
18	Golden-headed Manakin	<i>Ceratopipra erythrocephala</i>	c	5	x
19	Sharpbill	Oxyruncidae			
20	Sharpbill	<i>Oxyruncus cristatus</i>			
21	Vireos, Shr.-Babblers & Erpornis	Vireonidae			
22	*White-eyed Vireo	<i>Vireo griseus</i>			
23	Yellow-throated Vireo	<i>Vireo flavifrons</i>	m	4	L
24	*Brown-capped Vireo	<i>Vireo leucophrys</i>			
25	Philadelphia Vireo	<i>Vireo philadelphicus</i>	m		
26	Red-eyed Vireo	<i>Vireo olivaceus</i>	m	2	
27	Yellow-green Vireo	<i>Vireo flavoviridis</i>	m	3	
28	*Black-whiskered Vireo	<i>Vireo altiloquus</i>			
29	Scrub Greenlet	<i>Hylophilus flavipes</i>	u*	1h	
30	Tawny-crowned Greenlet	<i>Hylophilus ochraceiceps</i>	u		
31	Golden-fronted Greenlet	<i>Hylophilus aurantiifrons</i>	u	1,1	x
32	Lesser Greenlet	<i>Hylophilus decurtatus</i>	c	3	
33	Green Shrike-Vireo	<i>Vireolanus pulchellus</i>	u*	1h	x
34	Yellow-browed Shrike-Vireo	<i>Vireolanus eximius</i>			
35	Rufous-browed Peppershrike	<i>Cyclarhis gujanensis</i>			
36	Crows, Jays & Magpies	Corvidae			
37	Black-chested Jay	<i>Cyanocorax affinis</i>	c	5	x
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EASTERN PANAMA'S CANOPY CAMP DARIÉN -- January 2014 - 2016

	COMMON NAME	SCIENTIFIC NAME	I	II	III
1	Swallows	Hirundinidae			
2	Purple Martin	<i>Progne subis</i>	m		
3	Gray-breasted Martin	<i>Progne chalybea</i>	c	5	x
4	*Southern Martin	<i>Progne elegans</i>			
5	Brown-chested Martin	<i>Progne tapera</i>	m		
6	Tree Swallow	<i>Tachycineta bicolor</i>			
7	*White-winged Swallow	<i>Tachycineta albiventer</i>			
8	Mangrove Swallow	<i>Tachycineta albilinea</i>	c	5	x
9	Blue-and-white Swallow	<i>Pygochelidon cyanoleuca</i>	m		
10	White-thighed Swallow	<i>Neochelidon tibialis</i>			
11	Northern Rough-winged Swallow	<i>Stelgidopteryx serripennis</i>			
12	Southern Rough-winged Swallow	<i>Stelgidopteryx ruficollis</i>	c	5	x
13	Bank Swallow	<i>Riparia riparia</i>	m	2	
14	Cliff Swallow	<i>Petrochelidon pyrrhonota</i>	m	1	
15	*Cave Swallow	<i>Petrochelidon fulva</i>			
16	Barn Swallow	<i>Hirundo rustica</i>	m	5	
17	Wrens	Troglodytidae			
18	Scaly-breasted Wren	<i>Microcerculus marginatus</i>	u	1,1	L
19	House Wren	<i>Troglodytes aedon</i>	c	5	x
20	Ochraceous Wren	<i>Troglodytes ochraceus</i>			
21	White-headed Wren	<i>Campylorhynchus albobrunneus</i>	c	5	x
22	Bicolored Wren	<i>Campylorhynchus griseus</i>			
23	Sooty-headed Wren	<i>Pheugopedius spadix</i>			
24	Rufous-breasted Wren	<i>Pheugopedius rutilus</i> (n. g.)	c*		
25	Black-bellied Wren	<i>Pheugopedius fasciatoventris</i>	c	5	x
26	Rufous-and-white Wren	<i>Thryophilus rufalbus</i>			
27	Stripe-throated Wren	<i>Cantorchilus leucopogon</i>	u*		
28	Plain Wren	<i>Cantorchilus modestus</i> (n. g.)		1h	
29	Bay Wren	<i>Cantorchilus nigricapillus</i> (n. g.)	c	3,1	x
30	Buff-breasted Wren	<i>Cantorchilus leucotis</i> (n. g.)	c	4,1	x
31	White-breasted Wood-Wren	<i>Henicorhina leucosticta</i>	c	2h	x
32	Gray-breasted Wood-Wren	<i>Henicorhina leucophrys</i>			
33	Song Wren	<i>Cyphorhinus phaeocephalus</i>	c	1	x
34	Gnatcatchers (new family)	Poliophtilidae (new)			
35	Tawny-faced Gnatwren	<i>Microbates cinereiventris</i>	u*		
36	Long-billed Gnatwren	<i>Ramphocaenus melanurus</i>	c	2,1	h
37	Tropical Gnatcatcher	<i>Poliophtila plumbea</i>	c	5	x
38	Slate-throated Gnatcatcher	<i>Poliophtila schistaceigula</i>	r*	1	
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EASTERN PANAMA'S CANOPY CAMP DARIÉN -- January 2014 - 2016

	COMMON NAME	SCIENTIFIC NAME	I	II	III
1	Donacobius	Donacobiidae			
2	Black-capped Donacobius	<i>Donacobius atricapilla</i>	u	3	x
3	Thrushes & Allies	Turdidae			
4	Varied Solitaire	<i>Myadestes coloratus</i>			
5	Slaty-backed Nightingale-Thrush	<i>Catharus fuscater</i>			
6	Veery	<i>Catharus fuscescens</i>			
7	Gray-cheeked Thrush	<i>Catharus minimus</i>	m	1	
8	Swainson's Thrush	<i>Catharus ustulatus</i>	m	2	
9	Wood Thrush	<i>Hylocichla mustelina</i>	m*		
10	Pale-vented Thrush	<i>Turdus obsoletus</i>			
11	Clay-colored Thrush	<i>Turdus grayi</i>	u	5	x
12	White-throated Thrush	<i>Turdus assimilis</i>			
13	Mockingbirds & Thrashers	Mimidae			
14	Gray Catbird	<i>Dumetella carolinensis</i>			x
15	Tropical Mockingbird	<i>Mimus gilvus</i>	c*	5	x
16	Wagtails & Pipits	Motacillidae			
17	Yellowish Pipit	<i>Anthus lutescens</i>			
18	Waxwings	Bombycillidae			
19	Cedar Waxwing	<i>Bombycilla cedrorum</i>			
20	New World Warblers	Parulidae			
21	Ovenbird	<i>Seiurus aurocapilla</i>			
22	Worm-eating Warbler	<i>Helmitheros vermivorum</i>			
23	Louisiana Waterthrush	<i>Parkesia motacilla</i> (n. genus)	m	L	x
24	Northern Waterthrush	<i>Parkesia noveboracensis</i> (n. g.)	m	4	x
25	Golden-winged Warbler	<i>Vermivora chrysoptera</i>	m	1	
26	Blue-winged Warbler	<i>Vermivora cyanoptera</i> (n. s. epi.)			
27	Black-and-white Warbler	<i>Mniotilta varia</i>	m	1,1	x
28	Prothonotary Warbler	<i>Protonotaria citrea</i>	m	2	x
29	Tennessee Warbler	<i>Oreothlypis peregrina</i> (n. genus)	m	3	x
30	Mourning Warbler	<i>Geothlypis philadelphia</i> (n. g.)	m	2	
31	Kentucky Warbler	<i>Geothlypis formosa</i> (n. genus)	m		
32	Common Yellowthroat	<i>Geothlypis trichas</i> (new genus)			
33	*Hooded Warbler	<i>Setophaga citrina</i> (new genus)			
34	American Redstart	<i>Setophaga ruticilla</i> (new genus)	m		
35	*Cape May Warbler	<i>Setophaga tigrina</i>			
36	Cerulean Warbler	<i>Setophaga cerulea</i> (new genus)	m	1	
37	*Northern Parula	<i>Setophaga americana</i> (n. genus)			
38	Tropical Parula	<i>Setophaga pitiayumi</i> (n. g.)	m*	2	
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EASTERN PANAMA'S CANOPY CAMP DARIÉN -- January 2014 - 2016

	COMMON NAME	SCIENTIFIC NAME	I	II	III
1	Magnolia Warbler	<i>Setophaga magnolia</i> (n.g.)	m*		
2	Bay-breasted Warbler	<i>Setophaga castanea</i> (n.g.)	m	4	x
3	Blackburnian Warbler	<i>Setophaga fusca</i> (new genus)	m	2	
4	Yellow Warbler	<i>Setophaga petechia</i> (n. genus)	m	5	x
5	Chestnut-sided Warbler	<i>Setophaga pensylvanica</i> (n.g.)	m	1	
6	*Blackpoll Warbler	<i>Setophaga striata</i> (new genus)			
7	*Black-throated Blue Warbler	<i>Setophaga caeruleascens</i>			
8	Palm Warbler	<i>Setophaga palmarum</i> (n. genus)			
9	Yellow-rumped Warbler	<i>Setophaga coronata</i> (n. genus)			
10	*Yellow-throated Warbler	<i>Setophaga dominica</i>			
11	*Prairie Warbler	<i>Setophaga discolor</i> (n. genus)			
12	Black-throated Green Warbler	<i>Setophaga virens</i> (new genus)		1	
13	Buff-rumped Warbler	<i>Myiothlypis fulvicauda</i> (n. g.)	u	3	x
14	Rufous-capped Warbler	<i>Basileuterus rufifrons</i>			
15	Pirre Warbler	<i>Basileuterus ignotus</i>			
16	Three-striped Warbler	<i>Basileuterus tristriatus</i>			
17	Canada Warbler	<i>Cardellina canadensis</i> (n. g.)	m	2	
18	*Wilson's Warbler	<i>Cardellina pusilla</i> (n. genus)			
19	Slate-throated Redstart	<i>Myioborus miniatus</i>			
20	Tanagers & Allies	Thraupidae			
21	Blue-and-gold Tanager	<i>Bangsia arcaei</i>			
22	Blue-gray Tanager	<i>Thraupis episcopus</i>	c	5	x
23	Palm Tanager	<i>Thraupis palmarum</i>	c	5	x
24	Gray-and-gold Tanager	<i>Tangara palmeri</i>	r*		
25	Golden-hooded Tanager	<i>Tangara larvata</i>	c	5	x
26	Speckled Tanager	<i>Tangara guttata</i>			
27	Green-naped Tanager	<i>Tangara fucosa</i>			
28	Plain-colored Tanager	<i>Tangara inornata</i>	c	5	x
29	Rufous-winged Tanager	<i>Tangara lavinia</i>	r*		
30	Bay-headed Tanager	<i>Tangara gyrola</i>	u*		
31	Emerald Tanager	<i>Tangara florida</i>		1	
32	Silver-throated Tanager	<i>Tangara icterocephala</i>			
33	White-eared Conebill	<i>Conirostrum leucogenys</i>	u	5	
34	Saffron Finch	<i>Sicalis flaveola</i>			
35	*Grassland Yellow-Finch	<i>Sicalis luteola</i>			
36	Green Honeycreeper	<i>Chlorophanes spiza</i>	u	2	
37	Black-and-yellow Tanager	<i>Chrysothlypis chrysomelas</i>	u*	2	x
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EASTERN PANAMA'S CANOPY CAMP DARIÉN -- January 2014 - 2016

	COMMON NAME	SCIENTIFIC NAME	I	II	III
1	Sulphur-rumped Tanager	<i>Heterospingus rubrifrons</i>	u*	1	
2	Scarlet-browed Tanager	<i>Heterospingus xanthopygius</i>	u*		
3	Yellow-backed Tanager	<i>Hemithraupis flavicollis</i>	r		
4	Blue-black Grassquit	<i>Volatinia jacarina</i>	c	5	x
5	Gray-headed Tanager	<i>Eucometis penicillata</i>	c	5	
6	White-shouldered Tanager	<i>Tachyphonus luctuosus</i>	c	5	x
7	Tawny-crested Tanager	<i>Tachyphonus delatrii</i>	u*	4	x
8	White-lined Tanager	<i>Tachyphonus rufus</i>	u	1	
9	Lemon(Flame)-rumped Tanager (new)	<i>Ramphocelus flammigerus</i>	c	4	
10	Crimson-backed Tanager	<i>Ramphocelus dimidiatus</i>	c	5	x
11	Swallow Tanager	<i>Tersina viridis</i>			
12	Shining Honeycreeper	<i>Cyanerpes lucidus</i>	u	1	
13	Purple Honeycreeper	<i>Cyanerpes caeruleus</i>	u*		
14	Red-legged Honeycreeper	<i>Cyanerpes cyaneus</i>	c*	2	L
15	Scarlet-thighed Dacnis	<i>Dacnis venusta</i>	u*	1	
16	Blue Dacnis	<i>Dacnis cayana</i>	c	5	x
17	Viridian Dacnis	<i>Dacnis viguieri</i>			
18	Bananaquit	<i>Coereba flaveola</i>	c	5	x
19	Yellow-faced Grassquit	<i>Tiaris olivaceus</i>	u	3	x
20	*Lesson's Seedeater	<i>Sporophila bouvronides</i>			
21	Thick-billed Seed-Finch	<i>Sporophila funereus</i> (n. genus)	c	4	x
22	Large-billed Seed-Finch	<i>Sporophila crassirostris</i> (n. g.)	u*		
23	Variable Seedeater	<i>Sporophila corvina</i> (n.s.e.)	c	5	x
24	Slate-colored Seedeater	<i>Sporophila schistacea</i>	u*		
25	Yellow-bellied Seedeater	<i>Sporophila nigricollis</i>	c		
26	Ruddy-breasted Seedeater	<i>Sporophila minuta</i>	c	3	x
27	Wedge-tailed Grass-Finch	<i>Emberizoides herbicola</i>			
28	Black-headed Saltator	<i>Saltator atriceps</i>			
29	Buff-throated Saltator	<i>Saltator maximus</i>	c	4	x
30	Slate-colored Grosbeak	<i>Saltator grossus</i>	u	1h	
31	Streaked Saltator	<i>Saltator striatipectus</i>	c*		
32	Genus Incertae sedis				
33	Rosy Thrush-Tanager	<i>Rhodinocichla rosea</i>			
34	Dusky-faced Tanager	<i>Mitrospingus cassinii</i>	u*	2	x
35	Buntings & New World Sparrows		Emberizidae		
36	Orange-billed Sparrow	<i>Arremon aurantirostris</i>	u		x
37	Sooty-faced Finch	<i>Arremon crassirostris</i> (n. genus)			
38	Chestnut-capped Brush-Finch	<i>Arremon brunneinucha</i> (n.g.)			
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EASTERN PANAMA'S CANOPY CAMP DARIÉN -- January 2014 - 2016

	COMMON NAME	SCIENTIFIC NAME	I	II	III
1	Black-headed Brush-Finch	<i>Arremon atricapillus</i>			
2	Black-striped Sparrow	<i>Arremonops conirostris</i>	c	2	
3	*Lark Sparrow	<i>Chondestes grammacus</i>			
4	*Grasshopper Sparrow	<i>Ammodramus savannarum</i>			
5	Tacarcuna Chlorospingus (new name)	<i>Chlorospingus tacarcunae</i>			
6	Pirre Chlorospingus (new name)	<i>Chlorospingus inornatus</i>			
7	Yellow-throated Chlorospingus (n.n.)	<i>Chlorospingus flavigularis</i>			
8	Cardinals & Allies	Cardinalidae			
9	Hepatic Tanager	<i>Piranga flava</i>		2	
10	Summer Tanager	<i>Piranga rubra</i>	m	5	x
11	Scarlet Tanager	<i>Piranga olivacea</i>	m	2	
12	Red-crowned Ant-Tanager	<i>Habia rubica</i>	u*		
13	Red-throated Ant-Tanager	<i>Habia fuscicauda</i>	c*		
14	Olive (Carmioli's) Tanager (new)	<i>Chlorothraupis carmioli</i>	u*	1	
15	Lemon-spectacled Tanager	<i>Chlorothraupis olivacea</i>			
16	Yellow-green Grosbeak	<i>Caryothraustes canadensis</i>			
17	Rose-breasted Grosbeak	<i>Pheucticus ludovicianus</i>	m	3	
18	*Blue Seedeater	<i>Amaurospiza concolor</i>			
19	Blue-black Grosbeak	<i>Cyanocopsa cyanoides</i>	c	2,2	h
20	Blue Grosbeak	<i>Passerina caerulea</i> (n. genus)			
21	Indigo Bunting	<i>Passerina cyanea</i>	m*		
22	Dickcissel	<i>Spiza americana</i>	m	2	
23	Troupials & Allies	Icteridae			
24	Bobolink	<i>Dolichonyx oryzivorus</i>	m		
25	Yellow-hooded Blackbird	<i>Chrysomus icterocephalus</i>	u	1	x
26	Red-breasted Blackbird	<i>Sturnella militaris</i>	c	5	x
27	Eastern Meadowlark	<i>Sturnella magna</i>		2	x
28	*Yellow-headed Blackbird	<i>Xanthocephalus xanthocephalus</i>			
29	Great-tailed Grackle	<i>Quiscalus mexicanus</i>	c	5	x
30	Shiny Cowbird	<i>Molothrus bonariensis</i>	c	2	
31	Bronzed Cowbird	<i>Molothrus aeneus</i>		2	
32	Giant Cowbird	<i>Molothrus oryzivorus</i>	c	4	x
33	Orchard Oriole	<i>Icterus spurius</i>	m	3	x
34	Yellow-backed Oriole	<i>Icterus chrysater</i>	c	5	x
35	Orange-crowned Oriole	<i>Icterus auricapillus</i>	u	5	x
36	Yellow-tailed Oriole	<i>Icterus mesomelas</i>	c	1	
37	Baltimore Oriole	<i>Icterus galbula</i>	m	5	x
38	Yellow-billed Caticue	<i>Amblycercus holosericeus</i>	u		
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EASTERN PANAMA'S CANOPY CAMP DARIÉN -- January 2014 - 2016

	COMMON NAME	SCIENTIFIC NAME	I	II	III
1	Scarlet-rumped Cacique	<i>Cacicus uropygialis</i>	c	1,1	x
2	Yellow-rumped Cacique	<i>Cacicus cela</i>	c	5	x
3	Crested Oropendola	<i>Psarocolius decumanus</i>	c	5	x
4	Chestnut-headed Oropendola	<i>Psarocolius wagleri</i>	c	5	x
5	*Montezuma Oropendola	<i>Psarocolius montezuma</i>			
6	Black Oropendola	<i>Psarocolius guatimozinus</i>	u	5	x
7	Finches, Euphonias & Allies	Fringillidae			
8	Yellow-crowned Euphonia	<i>Euphonia luteicapilla</i>	c	5	x
9	Thick-billed Euphonia	<i>Euphonia lanirostris</i>	c	5	x
10	Fulvous-vented Euphonia	<i>Euphonia fulvicrissa</i>	u	4,1	x
11	White-vented Euphonia	<i>Euphonia minuta</i>	u*	1	x
12	Tawny-capped Euphonia	<i>Euphonia annae</i>	u*	1	x
13	Orange-bellied Euphonia	<i>Euphonia xanthogaster</i>	r*	1	
14	Yellow-collared Chlorophonia	<i>Chlorophonia flavirostris</i>			
15	Lesser Goldfinch	<i>Spinus psaltria</i> (new genus)	u*	3	x
16	Old World Sparrows	Passeridae			
17	House Sparrow	<i>Passer domesticus</i>		5	x
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EASTERN PANAMA'S CANOPY CAMP DARIÉN -- January 2014 - 2016

	COMMON NAME	SCIENTIFIC NAME	I	II	III
1	MAMMALS -- Reid's 1997 order and nomenclature				
2	7 OPOSSUM species				
3	COMMON OPOSSUM	<i>Didelphis marsupialis</i>		1	x
4	VIRGINIA OPOSSUM	<i>Didelphis virginiana</i>			
5	CENTRAL AMER. WOOLY OPOSSUM	<i>Caluromys derbianus</i>			
6	GRAY FOUR-EYED OPOSSUM	<i>Philander opossum</i>			
7	NORTHERN TAMANDUA	<i>Tamandua mexicana</i>			
8	HOFFMANN'S TWO-TOED SLOTH	<i>Choloepus hoffmanni</i>		2	x
9	BROWN-THROATED 3-TOED SLOTH	<i>Bradypus variegatus</i>		5	x
10	NOR. NAKED-TAILED ARMADILLO	<i>Cabassous centralis</i>			
11	NINE-BANDED ARMADILLO	<i>Dasybus novemcinctus</i>			
12	78 BAT species			3	x
13	PROBOSCIS or LONG-NOSED BAT	<i>Rhynchonycteris naso</i>			
14	GREATER FISHING BAT	<i>Noctilio leporinus</i>			
15	LESSER FISHING BAT	<i>Noctilio albiventris</i>			
16	COMMON TENT-MAKING BAT	<i>Uroderma bilobatum</i>			
17	BROWN TENT-MAKING BAT	<i>Uroderma magnirostrum</i>			
18	ORANGE NECTAR BAR	<i>Lonchophylla robusta</i>			
19	CHESTNUT SAC-WINGED BAT	<i>Cormura brevirostris</i>			
20	FALSE VAMPIRE BAT	<i>Vampyrum spectrum</i>			
21	3 VAMPIRE BAT species				
22	GEOFFROY'S TAMARIN	<i>Saguinus geoffroyi</i>		5	x
23	WESTERN NIGHT MONKEY	<i>Aotus lemurinus</i>		1	
24	WHITE-FACED CAPUCHIN MONKEY	<i>Cebus capuchinus</i>		4	x
25	MANTLED HOWLER MONKEY	<i>Alouatta palliata</i>		5	x
26	CENTRAL AMER. SPIDER MONKEY	<i>Ateles geoffroyi</i>			
27	VARIEGATED SQUIRREL	<i>Sciurus variegatoides</i>		3	
28	RED-TAILED SQUIRREL	<i>Sciurus granatensis</i>		4	x
29	ALFARO'S PYGMY SQUIRREL	<i>Microsciurus alfari</i>			
30	WESTERN PYGMY SQUIRREL	<i>Microsciurus mimulus</i>			
31	14 MOUSE or RAT species				
32	ROTHCHILD'S PORCUPINE	<i>Coendou rothschildi</i>			
33	CAPYBARA	<i>Hydrochaeris hydrocheris</i>		1	
34	CENTRAL AMERICAN AGOUTI	<i>Dasyprocta punctata</i>			
35	PACA	<i>Agouti paca</i>			
36	3 SPINY or TREE RAT species				
37	TAPETI or FOREST RABBIT [to 1500 m]	<i>Sylvilagus brasiliensis</i>			x
38	COYOTE	<i>Canis latrans</i>			
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EASTERN PANAMA'S CANOPY CAMP DARIÉN -- January 2014 - 2016

	COMMON NAME	SCIENTIFIC NAME	I	II	III
1	GRAY FOX	<i>Urocyon cinereoargenteus</i>			
2	NORTHERN RACCOON	<i>Procyon lotor</i>			
3	CRAB-EATING RACCOON	<i>Procyon cancrivorous</i>			
4	WHITE-NOSED COATI	<i>Nasua nasua</i>		3	
5	KINKAJOU	<i>Potos flavus</i>		1	
6	ALLEN'S OLINGO	<i>Bassaricyon alleni</i> (split)		1	
7	LONG-TAILED WEASEL	<i>Mustela frenata</i>			
8	TAYRA	<i>Eira barbara</i>		2	x
9	NEOTROPICAL RIVER OTTER	<i>Lutra longicaudis</i>		1	
10	OCELOT	<i>Felis pardalis</i>			
11	MARGAY	<i>Leopardus wiedii</i>			
12	JAGUARUNDI	<i>Felis yagouaroundi</i>			
13	PUMA	<i>Puma concolor</i>			
14	JAGUAR	<i>Panthera onca</i>			
15	WEST INDIAN MANATEE	<i>Trichechus manatus</i>			
16	BAIRD'S TAPIR	<i>Tapirus bairdii</i>			
17	COLLARED PECCARY	<i>Tayassu tajacu</i>			
18	WHITE-LIPPED PECCARY	<i>Tayassu pecari</i>			
19	WHITE-TAILED DEER	<i>Odocoileus virginianus</i>			
20	RED BROCKET	<i>Mazama americana</i>			
21					
22	REPRESENTATIVE REPTILES and AMPHIBIANS				
23	From 1983 Costa Rican Natural History, D. Janzen, ed.				
24					
25	GIANT or MARINE TOAD	<i>Bufo marinus</i>		2	x
26	LEAF-LITTER TOAD	<i>Bufo melanochlorus</i>			x
27	RAIN FROG / TOAD			1	
28	Unidentified TOAD species			1	
29	EVERGREEN ROBBER FROG	<i>Craugastor gollmeri</i> (n. genus)			x
30	FOREST FROG			1	
31	RED-EYED TREEFROG	<i>Agalychnis callidryas</i>			
32	ROCKET FROG				
33	TINK FROG	<i>Eleutherodactylus bransfordii</i>			
34	TREE FROG	<i>Hyla</i> sp.		1	
35	GREEN & BLACK POISON DART FROG	<i>Dendrobates auratus</i>		3	x
36	LEAF FROG species			1	
37	MUD FROG			1	
38	Unidentified FROG species			2	
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EASTERN PANAMA'S CANOPY CAMP DARIÉN -- January 2014 - 2016

	COMMON NAME	SCIENTIFIC NAME	I	II	III
1	GALLIWASP LIZARD	<i>Diploglossus monotropis</i>			
2	JESUS CHRIST LIZARD	<i>Basiliscus basiliscus</i>		5	x
3	GREEN BASILISK	<i>Basiliscus</i> sp.		1	
4	MACROTEIID LIZARDS	<i>Ameiva</i> spp.		3	
5	CENTRAL AMER. WHIPTAIL LIZARD	<i>Ameiva festiva</i>		3	
6	COMMON or GREEN IGUANA	<i>Iguana iguana</i>		3	x
7	CTENOSAUR or BLACK IGUANA	<i>Ctenosaura similis</i>			
8	YELLOW-HEADED GECKO	<i>Phyllodactylus</i>		2	
9	"INTRODUCED" GECKO			2,1	x
10	GIANT GECKO	<i>Norops polylepis</i>			
11	ANOLIS LIZARD or ANOLE	<i>Norops</i> spp.		1	x
12	SKINK	<i>Sphenomorphus cherriei</i>			
13	RED or PAINTED WOOD TURTLE	<i>Rhinoclemmys pulcherrima</i>			
14	COMMON SLIDER	<i>Trachemys scripta</i>			
15	SOFT-SHELLED TURTLE				
16	MUD TURTLE	<i>Crocodylus acutus</i>		1	
17	AMERICAN CROCODILE	<i>Crocodylus acutus</i>			x
18	SPECTACLED CAIMAN or BABA	<i>Caiman crocodilus</i>		3	x
19	EYELASH VIPER or BOCARACA	<i>Bothrops schlegelii</i>			
20	FER-DE-LANCE or TERCIOPELO	<i>Bothrops asper</i>			
21	BOA CONSTRICTOR	<i>Boa constrictor</i>			x
22	BROWN VINE S. or BEJUQUILLA CAFÉ	<i>Oxybelis aeneus</i>			
23	GREEN V. SN. or BEJUQUILLA VERDE	<i>Oxybelis fulgidus</i>			
24	BUSHMASTER	<i>Lachesis muta</i>			
25	RAT SNAKE			3	x
26	STRIPED PARROT SNAKE			1	
27	GREEN PARROT SNAKE	<i>Leptophis ahaetulla</i>			
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29	REPRESENTATIVE ARTHROPODS				
30	TARANTULA species			1	x
31	GOLDEN ORB-WEAVER	<i>Nephila</i> spp.		1	x
32	Unidentified SPIDER species			1	x
33	CHIGGERS or COLORADI. [larval stage]	<i>Eutrombicula</i> spp.		1	
34	TICK species				
35	Unidentified SCORPION species			1	
36	LEAF-CUTTER ANTS	<i>Atta cephalotes</i>		3	x
37	ARMY ANTS	<i>Eciton burchelli</i>		1	x
38	ACACIA ANTS	<i>Pseudomyrmex ferruginea</i>			
39	BULLET ANTS or BALAS	<i>Paraponera clavata</i>		1	
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EASTERN PANAMA'S CANOPY CAMP DARIÉN -- January 2014 - 2016

	COMMON NAME	SCIENTIFIC NAME	I	II	III
1	FIRE ANTS	<i>Solenopsis</i> spp.			
2	CHA CHA ANT			1	
3	CECROPIA or AZTECA ANTS	<i>Azteca</i> spp.		1	x
4	Unidentified ANTS species			5	x
5	SUNDOWN CICADAS or CHICHARRAS	<i>Fidicina mannifera</i>		1,4	h
6	ARBOREAL TERMITES	<i>Nasutitermes</i> spp.		5	x
7	MOUND-BUILDING TERMITES				x
8	Unidentified WATER STRIDER species				
9	Unidentified BUMBLEBEE species			1	
10	AFRICAN HONEYBEE			1	
11	Unidentified WASP species			1	x
12	PEGA PEGA BEE			1	x
13	FIDDLER CRABS				
14	MANGROVE CRABS				
15	Unidentified LAND CRAB species				
16	ANT LION [larval stage]	<i>Mermeleon</i> spp.			
17	FOREST FLOOR MILLIPEDE				
18	Unidentified MILLIPEDE species				
19	Unidentified STICK INSECT species			1	
20	Unidentified BEETLE species			1	x
21	Unidentified COCKROACH species			1	
22	HELICOPTER DAMSELFLY	<i>Megaloprepus caerulatus</i>		3	x
23	Unidentified DAMSELFLY species			1	x
24	Unidentified DRAGONFLY species			1	x
25	Large purple GRASSHOPPER				
26	Unidentified GRASSHOPPER species			1	
27	Unidentified KATYDID species			1	
28	Unidentified CRICKET species			1	
29	Unidentified PRAYING MANTIS species				x
30	Unidentified CATERPILLAR species				
31	Unidentified FIREFLY species			1	
32	Unidentified FLY species			1	x
33	Unidentified MOSQUITO species			1	x
34	Unidentified MOSQUITO species			1	x
35	GREEN PAGE MOTH			2	
36	Unidentified MOTH species			1	x
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EASTERN PANAMA'S CANOPY CAMP DARIÉN -- January 2014 - 2016

	COMMON NAME	SCIENTIFIC NAME	I	II	III
1	CALIGO or CREAM OWL BUTTERFLY	<i>Caligo memmon</i>		1	x
2	MORPHO	<i>Morpho peleides</i>		4	x
3	GLASS-WINGED BUTTERFLY			2	
4	Unidentified BUTTERFLY species			5	x
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