

PANAMA: CANOPY TOWER TRIP LIST 2000-2006



Spectacled Owl
Pulsatrix perspicillata

Prepared by
Jeri M. Langham

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TOUR REPORT
PANAMA'S CANOPY TOWER
January 3-10, 2006

By Jeri M. Langham

I was on the Canopy Tower's observation deck before dawn, as coffee and tea were being set up. We heard Mottled Owl, Great Tinamou, Collared Forest-Falcon, and incredible roaring mantled howler monkeys announcing their territories. As it got lighter, we started seeing gorgeous birds from all sides of the tower. Native guide Carlos Bethancourt helped us spot Keel-billed and Chestnut-mandibled toucans, Scaled and Pale-vented pigeons, Red-lore Parrots, Lesser Greenlet, Green Shrike-Vireo (very difficult to see on Neotropical tours), and many others. Another morning would add Barred Forest-Falcon and scope views of Gray-headed Kite, along with Semiplumbeous and Crane hawks. A Black-breasted Puffbird was first seen from a window on the third floor, and Lineated Woodpecker cooperated briefly. At 9:00 a.m. we met at the tower base and enjoyed five wonderful hummingbird species at the feeders.

Our walk down the Semafore Hill entrance road was very productive, bringing us over-our-heads mantled howler monkeys. We were fortunate to encounter a feeding flock with Dusky Antbird, Western Slaty-Antshrike, Long-billed Gnatwren, Fasciated Antshrike, Broad-billed Motmot, and others just before the "Rainfomobile" brought us our mid-morning snack. I gave mini lectures about leafcutter ants, bananas, and other ecological and botanical topics. After lunch we enjoyed our first siesta break, with two spending most of their time trying out the third-floor hammocks. At 3:15 p.m. we met and drove down the hill, past the town of Gamboa. Birds came at a rapid rate: Variable Seedeater, Wattled Jacana, Blue Dacnis, Black-throated Mango, Yellow-tailed Oriole, Lesser Kiskadee, Greater Ani, and many others, but it was the Crimson-backed Tanager and White-throated Crane that drew the most comments. It was tough to leave, but cocktails and dinner beckoned.

Our longest day began at 4:00 a.m. as we climbed into our air-conditioned bus and departed via the Trans Isthmian Highway for our visit to the Atlantic side of the Panama Canal. We reached Colon before dawn, and crossed over the Panama Canal's Gatun Locks. I am still amazed by the small size of the one-way drawbridge across each lock passageway. Swinging around the large earthen Gatun Dam, we started down Escobal Road, a long, poorly maintained one that was used by the U.S. military to access various training sites. Fortunately for us, it is also a wonderful way to reach various birding sites.

Achiote Road has a wonderful spot with a large enough parking area for our bus and our picnic breakfast. We had several hours of rapid-fire new birds that included Collared Araçari, both toucans, Black-headed Saltator, Cinnamon Woodpecker, Lemon-rumped Tanager, Spot-crowned Barbet, Yellow-backed Oriole, Purple-throated Fruitcrow, Short-billed Pigeon, two oropendolas, two caciques, two trogons, and many others. The soaked

mother and baby brown-throated three-toed sloth were delightful, and so were the dainty Geoffroy's tamarins. An unpaved side road produced a 3-inch purple/red grasshopper, Pied Puffbird, and Yellow-crowned Tyrannulet. The new trail was terrific, with Spotted and Chestnut-backed antbirds, and singing Song and Bay wrens. On the way back to Colon, we stopped at a Golden-collared Manakin lek. It was fascinating watching the males zip back and forth from perches as they performed for the females. A treat for most was the train ride from the bustling, poverty-stricken town of Colon over to Panama City.

At Rosabel Miro's wonderful Cerro Azul home, once owned by a former Panamanian president, those who did not walk the steep trail were rewarded with the fruiting tree next to the porch producing Yellow-eared Toucanet; Bay-headed, Speckled, Emerald, and Rufous-winged tanagers; Green Honeycreepers; and Spot-crowned Barbets. Many butterflies worked the beautiful flowers in the gardens.

Pipeline Road never disappoints. Bay Wren, Speckled Mourner, and Bright-rumped Attila were three of the first to perform for us. Some portions of this old road were very muddy, and it took more than one try to get the 4-wheel drive vehicles to the other side of the ruts and puddles. As we drove I listened and looked for army ant swarms or flocks. Finally, I heard the sounds of an army ant swarm and we were in heaven for the next hour: Ocellated, Spotted, and Bicolored antbirds; Rufous Motmot; Black-chested Puffbird; Song Wren; Gray-headed Tanager; and four species of woodcreepers. Two Scarlet-rumped Caciques were building a nest over the road here. Later we walked away from scope views of a Streak-chested Antpitta. By the end of the day we had seen four species of trogons and heard a fifth. On the way back, participants in the lead vehicle saw a Great Tinamou before it scampered into the forest.

Our spotlighting evening was the best I have ever had in Panama: Virginia and common opossums, Choco Screech-Owl, Hoffman's two-toed sloth, tamandua anteater, five Pauraques, Crested Owl, kinkajou, and we heard a Tropical Screech-Owl.

This **TRIP LIST** was prepared for potential participants in **PANAMA'S CANOPY TOWER** tour led by Jeri Langham and co-led by either Carlos Bethancourt or Gary Langham or Shawn Hayes. We will use the 1989 *A Guide to the Birds of Panama with Costa Rica, Nicaragua, and Honduras* by Robert S. Ridgely and John A. Gwynne, Jr. to identify our birds. However, for your convenience, the order, common and scientific names used in our Trip List and Checklist are those given by J. F. Clements in *Birds of the World: A Checklist*, 5th edition, 2000, Ibis Publishing Company, with updates to July 2005. This Trip List includes ALL species found in the entire country and thus only some are possible in the areas we visit on this tour. VENT does offer several other tours to Panama that would enable you to see additional species--check the catalog or Web site (<http://www.ventbird.com/>).

COLUMN C is designed to give you a **realistic** idea of which species we were likely to encounter. A "blank", "1", through "11" indicate the number of ELEVEN recent **CANOPY TOWER** VENT trips that recorded each species. When two numbers are separated by a comma (e.g. 1,1), the first represents the number of tours in which the species was seen, and the second represents the number of times the bird was only heard during the tour. An "h" indicates a species has only been heard and thus never seen on any previous trip.

COLUMN D indicates the birds that were seen (x) or only heard (h) on the most recent tour. 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. Thus Column C is far more valuable to you in terms of estimating your probability of seeing each species.

Come join us for a great Neotropical experience!

Jeri M. Langham
20 January 2006

PANAMA'S CANOPY TOWER TRIP LIST -- JANUARY 2006

	A	B	C	D
1	COMMON NAME	SCIENTIFIC NAME		
2	Tinamous	Tinamidae		
3	Great Tinamou	<i>Tinamus major</i>	6,5	x
4	Highland Tinamou	<i>Nothocercus bonapartei</i>		
5	Little Tinamou	<i>Crypturellus soui</i>	1,3	h
6	Grebes	Podicipedidae		
7	Least Grebe	<i>Tachybaptus dominicus</i>	4	x
8	Pied-billed Grebe	<i>Podilymbus podiceps</i>	3	
9	Pelicans	Pelecanidae		
10	Brown Pelican	<i>Pelecanus occidentalis</i>	11	x
11	Gannets & Boobies	Sulidae		
12	Blue-footed Booby	<i>Sula nebouxii</i>		
13	Brown Booby	<i>Sula leucogaster</i>		
14	Cormorants	Phalacrocoracidae		
15	Neotropic Cormorant	<i>Phalacrocorax brasilianus</i>	9	x
16	Anhingas & Darters	Anhingidae		
17	Anhinga	<i>Anhinga anhinga</i>	8	x
18	Frigatebirds	Fregatidae		
19	Magnificent Frigatebird	<i>Fregata magnificens</i>	11	x
20	Hérons, Egrets & Bitterns	Ardeidae		
21	Capped Heron	<i>Pilherodius pileatus</i>	3	
22	Great Blue Heron	<i>Ardea herodias</i>	11	x
23	Cocoi Heron	<i>Ardea cocoi</i>	3	x
24	Great Egret	<i>Ardea alba</i>	11	x
25	Tricolored Heron	<i>Egretta tricolor</i>	11	x
26	Little Blue Heron	<i>Egretta caerulea</i>	11	x
27	Snowy Egret	<i>Egretta thula</i>	11	x
28	Cattle Egret	<i>Bubulcus ibis</i>	11	x
29	Striated Heron	<i>Butorides striatus</i>	9	x
30	Green Heron	<i>Butorides virescens</i>	10	x
31	Agami Heron	<i>Agamia agami</i>		
32	Black-crowned Night-Heron	<i>Nycticorax nycticorax</i>	6	x
33	Yellow-crowned Night-Heron	<i>Nyctanassa violacea</i>	6	x
34	Boat-billed Heron	<i>Cochlearius cochlearius</i>	9	x
35	Bare-throated Tiger-Heron	<i>Tigrisoma mexicanum</i>		
36	Fasciated Tiger-Heron	<i>Tigrisoma fasciatum</i>		
37	Rufescent Tiger-Heron	<i>Tigrisoma lineatum</i>	8	x
38	Least Bittern	<i>Ixobrychus exilis</i>	1	
39	Storks	Ciconiidae		
40	Wood Stork	<i>Mycteria americana</i>	5	x
41	Ibises & Spoonbills	Threskiornithidae		
42	White Ibis	<i>Eudocimus albus</i>	6	x
43	Glossy Ibis	<i>Plegadis falcinellus</i>	1	x
44	Ducks, Geese & Swans	Anatidae		
45	Black-bellied Whistling-Duck	<i>Dendrocygna autumnalis</i>	2	
46	Muscovy Duck	<i>Cairina moschata</i>		
47	Blue-winged Teal	<i>Anas discors</i>	2	
48	Lesser Scaup	<i>Aythya affinis</i>		
49	Masked Duck	<i>Nomonyx dominica</i>		
50	New World Vultures	Cathartidae		
51	Black Vulture	<i>Coragyps atratus</i>	11	x
52	Turkey Vulture	<i>Cathartes aura</i>	11	x
53	Lesser Yellow-headed Vulture	<i>Cathartes burrovianus</i>	3	
54	King Vulture	<i>Sarcoramphus papa</i>	9	x

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55	COMMON NAME	SCIENTIFIC NAME		
56	Osprey	Pandionidae		
57	Osprey	<i>Pandion haliaetus</i>	11	x
58	Hawks, Eagles & Kites	Accipitridae		
59	Gray-headed Kite	<i>Leptodon cayanensis</i>	6	x
60	Hook-billed Kite	<i>Chondrohierax uncinatus</i>	2	
61	Swallow-tailed Kite	<i>Elanoides forficatus</i>	5	
62	Pearl Kite	<i>Gampsonyx swainsonii</i>	3	x
63	White-tailed Kite	<i>Elanus leucurus</i>	7	x
64	Snail Kite	<i>Rostrhamus sociabilis</i>	10	x
65	Double-toothed Kite	<i>Harpagus bidentatus</i>	8	
66	Mississippi Kite	<i>Ictinia mississippiensis</i>	1	
67	Plumbeous Kite	<i>Ictinia plumbea</i>	5	
68	Northern Harrier	<i>Circus cyaneus</i>	1	
69	Tiny Hawk	<i>Accipiter superciliosus</i>		
70	Sharp-shinned Hawk	<i>Accipiter striatus</i>		
71	Bicolored Hawk	<i>Accipiter bicolor</i>		
72	Crane Hawk	<i>Geranospiza caerulescens</i>	6	x
73	Plumbeous Hawk	<i>Leucopternis plumbea</i>		
74	Semiplumbeous Hawk	<i>Leucopternis semiplumbea</i>	4	x
75	White Hawk	<i>Leucopternis albicollis</i>	9	
76	Common Black-Hawk	<i>Buteogallus anthracinus</i>	9	x
77	Mangrove Black-Hawk	<i>Buteogallus subtilis</i>	1	
78	Great Black-Hawk	<i>Buteogallus urubitinga</i>	2	
79	Savanna Hawk	<i>Buteogallus meridionalis</i>	5	
80	Gray Hawk	<i>Asturina nitida</i>	8	x
81	Roadside Hawk	<i>Buteo magnirostris</i>	9	x
82	Broad-winged Hawk	<i>Buteo platypterus</i>	10	x
83	Short-tailed Hawk	<i>Buteo brachyurus</i>	11	x
84	Swainson's Hawk	<i>Buteo swainsoni</i>	1	
85	White-tailed Hawk	<i>Buteo albicaudatus</i>		
86	Zone-tailed Hawk	<i>Buteo albonotatus</i>	7	x
87	Red-tailed Hawk	<i>Buteo jamaicensis</i>		
88	Black-and-white Hawk-Eagle	<i>Spizastur melanoleucus</i>	2	
89	Black Hawk-Eagle	<i>Spizaetus tyrannus</i>	6	
90	Ornate Hawk-Eagle	<i>Spizaetus ornatus</i>		
91	Caracaras & Falcons	Falconidae		
92	Crested Caracara	<i>Caracara cheriway</i>	8	x
93	Yellow-headed Caracara	<i>Milvago chimachima</i>	11	x
94	Laughing Falcon	<i>Herpetotheres cachinnans</i>		
95	Barred Forest-Falcon	<i>Micrastur ruficollis</i>	3h	h
96	Slaty-backed Forest-Falcon	<i>Micrastur mirandollei</i>	4,2	
97	Collared Forest-Falcon	<i>Micrastur semitorquatus</i>	4,4	x
98	American Kestrel	<i>Falco sparverius</i>	3	
99	Merlin	<i>Falco columbarius</i>		
100	Bat Falcon	<i>Falco rufifigularis</i>	7,2	x
101	Peregrine Falcon	<i>Falco peregrinus</i>	7	x
102	Guans, Chachalacas & Allies	Cracidae		
103	Gray-headed Chachalaca	<i>Ortalis cinereiceps</i>	9	
104	Crested Guan	<i>Penelope purpurascens</i>		
105	Black Guan	<i>Chamaepetes unicolor</i>		
106	Great Curassow	<i>Crax rubra</i>		
107	New World Quail	Odontophoridae		
108	Marbled Wood-Quail	<i>Odontophorus gujanensis</i>		
109	Black-eared Wood-Quail	<i>Odontophorus melanotis</i>	1	

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110	COMMON NAME	SCIENTIFIC NAME		
111	Spotted Wood-Quail	<i>Odontophorus guttatus</i>		
112	Tawny-faced Quail	<i>Rhynchortyx cinctus</i>		
113	Limpkin	Aramidae		
114	Limpkin	<i>Aramus guarauna</i>	3	x
115	Rails, Gallinules & Coots	Rallidae		
116	White-throated Crake	<i>Laterallus albigularis</i>	8,3	x
117	Gray-necked Wood-Rail	<i>Aramides cajanea</i>	7	
118	Sora	<i>Porzana carolina</i>		
119	Yellow-breasted Crake	<i>Porzana flaviventer</i>		
120	Spotted Rail	<i>Pardirallus maculatus</i>		
121	Purple Gallinule	<i>Porphyrio martinica</i>	11	x
122	Common Moorhen	<i>Gallinula chloropus</i>	10	x
123	American Coot	<i>Fulica americana</i>		
124	Sungrebe & Finfoots	Heliornithidae		
125	Sungrebe	<i>Heliornis fulica</i>		
126	Sunbittern	Eurypygidae		
127	Sunbittern	<i>Eurypyga helias</i>		
128	Jacanas	Jacanidae		
129	Northern Jacana	<i>Jacana spinosa</i>		
130	Wattled Jacana	<i>Jacana jacana</i>	11	x
131	Stilts & Avocets	Recurvirostridae		
132	Black-necked Stilt	<i>Himantopus mexicanus</i>	3	x
133	Plovers & Lapwings	Charadriidae		
134	Southern Lapwing	<i>Vanellus chilensis</i>	7	x
135	American Golden-Plover	<i>Pluvialis dominica</i>		
136	Black-bellied Plover	<i>Pluvialis squatarola</i>	6	x
137	Semipalmated Plover	<i>Charadrius semipalmatus</i>	2	
138	Wilson's Plover	<i>Charadrius wilsonia</i>	1	
139	Killdeer	<i>Charadrius vociferus</i>	1	x
140	Collared Plover	<i>Charadrius collaris</i>		
141	Sandpipers & Allies	Scolopacidae		
142	Wilson's Snipe	<i>Gallinago delicata</i>		
143	Short-billed Dowitcher	<i>Limnodromus griseus</i>	6	x
144	Marbled Godwit	<i>Limosa fedoa</i>	3	x
145	Whimbrel	<i>Numenius phaeopus</i>	7	x
146	Greater Yellowlegs	<i>Tringa melanoleuca</i>	5	x
147	Lesser Yellowlegs	<i>Tringa flavipes</i>	3	x
148	Solitary Sandpiper	<i>Tringa solitaria</i>	10	x
149	Spotted Sandpiper	<i>Actitis macularia</i>	11	x
150	Willet	<i>Catoptrophorus semipalmatus</i>	6	x
151	Ruddy Turnstone	<i>Arenaria interpres</i>	4	
152	Surfbird	<i>Aphriza virgata</i>	2	
153	Red Knot	<i>Calidris canutus</i>	5	x
154	Sanderling	<i>Calidris alba</i>	1	x
155	Semipalmated Sandpiper	<i>Calidris pusilla</i>	1	
156	Western Sandpiper	<i>Calidris mauri</i>	4	x
157	Least Sandpiper	<i>Calidris minutilla</i>	3	x
158	Pectoral Sandpiper	<i>Calidris melanotos</i>		
159	Stilt Sandpiper	<i>Calidris himantopus</i>		
160	Jaegers & Skuas	Stercorariidae		
161	Pomarine Jaeger	<i>Stercorarius pomarinus</i>		
162	Parasitic Jaeger	<i>Stercorarius parasiticus</i>		
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	A	B	C	D
164	COMMON NAME	SCIENTIFIC NAME		
165	Gulls	Laridae		
166	Ring-billed Gull	<i>Larus delawarensis</i>	1	x
167	American Herring Gull	<i>Larus smithsonianus</i>	2	
168	Laughing Gull	<i>Larus atricilla</i>	11	x
169	Franklin's Gull	<i>Larus pipixcan</i>	6	x
170	Terns	Sternidae		
171	Gull-billed Tern	<i>Sterna nilotica</i>	3	x
172	Caspian Tern	<i>Sterna caspia</i>	2	
173	Elegant Tern	<i>Sterna elegans</i>	2	
174	Sandwich Tern	<i>Sterna sandvicensis</i>	5	x
175	Royal Tern	<i>Sterna maxima</i>	7	x
176	Common Tern	<i>Sterna hirundo</i>	1	
177	Least Tern	<i>Sterna antillarum</i>		
178	Black Skimmer	<i>Rynchops niger</i>	1	x
179	Pigeons & Doves	Columbidae		
180	Rock Pigeon (I)	<i>Columba livia</i>	11	x
181	Scaled Pigeon	<i>Patagioenas speciosa</i>	10	x
182	Pale-vented Pigeon	<i>Patagioenas cayennensis</i>	11	x
183	Short-billed Pigeon	<i>Patagioenas nigrirostris</i>	8,1	x
184	Ruddy Pigeon	<i>Columba subvinacea</i>	1	
185	Mourning Dove	<i>Zenaida macroura</i>		
186	Plain-breasted Ground-Dove	<i>Columbina minuta</i>	3	x
187	Ruddy Ground-Dove	<i>Columbina talpacoti</i>	10	x
188	Blue Ground-Dove	<i>Claravis pretiosa</i>	3,2	h
189	Maroon-chested Ground-Dove	<i>Claravis mondetoura</i>		
190	White-tipped Dove	<i>Leptotila verreauxi</i>	10	x
191	Gray-chested Dove	<i>Leptotila cassini</i>	7	x
192	Buff-fronted Quail-Dove	<i>Geotrygon costaricensis</i>		
193	Chiriqui Quail-Dove	<i>Geotrygon chiriquensis</i>		
194	Olive-backed Quail-Dove	<i>Geotrygon veraguensis</i>		
195	Violaceous Quail-Dove	<i>Geotrygon violacea</i>		
196	Ruddy Quail-Dove	<i>Geotrygon montana</i>		
197	Parrots, Macaws & Allies	Psittacidae		
198	Brown-throated Parakeet	<i>Aratinga pertinax</i>		
199	Sulphur-winged Parakeet	<i>Pyrrhura hoffmanni</i>		
200	Barred Parakeet	<i>Bolborhynchus lineola</i>		
201	Orange-chinned Parakeet	<i>Brotogeris jugularis</i>	11	x
202	Blue-fronted Parrotlet	<i>Touit dilectissima</i>	1,1	
203	Brown-hooded Parrot	<i>Pionopsitta haematotis</i>	6	x
204	Blue-headed Parrot	<i>Pionus menstruus</i>	11	x
205	White-crowned Parrot	<i>Pionus senilis</i>		
206	Red-lore Parrot	<i>Amazona autumnalis</i>	11	x
207	Yellow-crowned Parrot	<i>Amazona ochrocephala</i>	4	x
208	Mealy Parrot	<i>Amazona farinosa</i>	10	x
209	Cuckoos	Cuculidae		
210	Yellow-billed Cuckoo	<i>Coccyzus americanus</i>	1	
211	Mangrove Cuckoo	<i>Coccyzus minor</i>	2	
212	Squirrel Cuckoo	<i>Piaya cayana</i>	11	x
213	Little Cuckoo	<i>Piaya minuta</i>		
214	Greater Ani	<i>Crotophaga major</i>	11	x
215	Smooth-billed Ani	<i>Crotophaga ani</i>	11	x
216	Groove-billed Ani	<i>Crotophaga sulcirostris</i>	1	

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217	COMMON NAME	SCIENTIFIC NAME		
218	Striped Cuckoo	<i>Tapera naevia</i>	3	
219	Pheasant Cuckoo	<i>Dromococcyx phasianellus</i>	0,1	
220	Rufous-vented Ground-Cuckoo	<i>Neomorphus geoffroyi</i>		
221	Barn Owls	Tytonidae		
222	Barn Owl	<i>Tyto alba</i>		
223	Typical Owls	Strigidae		
224	Tropical Screech-Owl	<i>Megascops (Otus) choliba</i>	1h	h
225	Bare-shanked Screech-Owl	<i>Megascops (Otus) clarkii</i>		
226	Vermiculated Screech-Owl	<i>Megascops (O.)vermiculatus</i>		
227	Choco Screech-Owl	<i>Megascops (O.) chocoensis</i>	2,2	x
228	Mottled Owl	<i>Ciccaba virgata</i>	6h	h
229	Black-and-white Owl	<i>Ciccaba nigrolineata</i>		
230	Crested Owl	<i>Lophostrix cristata</i>	2	x
231	Spectacled Owl	<i>Pulsatrix perspicillata</i>	7	x
232	Costa Rican Pygmy-Owl	<i>Glaucidium costaricanum</i>		
233	Striped Owl	<i>Pseudoscops clamator</i>		
234	Potoos	Nyctibiidae		
235	Great Potoo	<i>Nyctibius grandis</i>	5	
236	Common Potoo	<i>Nyctibius griseus</i>	2	
237	Nightjars & Allies	Caprimulgidae		
238	Short-tailed Nighthawk	<i>Lurocalis semitorquatus</i>	1	
239	Lesser Nighthawk	<i>Chordeiles acutipennis</i>	1	
240	Common Nighthawk	<i>Chordeiles minor</i>		
241	Pauraque	<i>Nyctidromus albicollis</i>	3	x
242	Chuck-will's-widow	<i>Caprimulgus carolinensis</i>		
243	Rufous Nightjar	<i>Caprimulgus rufus</i>		
244	Dusky Nightjar	<i>Caprimulgus saturatus</i>		
245	White-tailed Nightjar	<i>Caprimulgus cayennensis</i>		
246	Swifts	Apodidae		
247	Chestnut-collared Swift	<i>Streptoprocne rutila</i>		
248	White-collared Swift	<i>Streptoprocne zonaris</i>	4	
249	Band-rumped Swift	<i>Chaetura spinicauda</i>	10	x
250	Chimney Swift	<i>Chaetura pelagica</i>		
251	Vaux's Swift	<i>Chaetura vauxi</i>		
252	Short-tailed Swift	<i>Chaetura brachyura</i>	11	x
253	Lesser Swallow-tailed Swift	<i>Panyptila cayennensis</i>	10	x
254	Hummingbirds	Trochilidae		
255	White-tipped Sicklebill	<i>Eutoxeres aquila</i>	1,1	
256	Rufous-breasted Hermit	<i>Glaucis hirsuta</i>	2	
257	Bronzy Hermit	<i>Glaucis aenea</i>		
258	Band-tailed Barbthroat	<i>Threnetes ruckeri</i>	2	x
259	Green Hermit	<i>Phaethornis guy</i>	7	x
260	Western Long-tailed Hermit	<i>Phaethornis longirostris</i>	10	x
261	Pale-bellied Hermit	<i>Phaethornis anthophilus</i>	2	
262	Stripe-throated Hermit	<i>Phaethornis striigularis</i>	7	x
263	Green-fronted Lancebill	<i>Doryfera ludovicae</i>		
264	Scaly-breasted Hummingbird	<i>Phaeochroa cuvierii</i>		
265	Violet Sabrewing	<i>Campylopterus hemileucurus</i>		
266	White-necked Jacobin	<i>Florisuga mellivora</i>	11	x
267	Green Violet-ear	<i>Colibri thalassinus</i>		
268	Black-throated Mango	<i>Anthracothorax nigricollis</i>	10	x
269	Veraguan Mango	<i>Anthracothorax veraguensis</i>		
270	Violet-headed Hummingbird	<i>Klais guimeti</i>	4	

PANAMA'S CANOPY TOWER TRIP LIST -- JANUARY 2006

	A	B	C	D
271	COMMON NAME	SCIENTIFIC NAME		
272	Rufous-crested Coquette	<i>Lophornis delattrei</i>	2	
273	Green Thorntail	<i>Discosura conversii</i>		
274	Garden Emerald	<i>Chlorostilbon assimilis</i>	3	
275	Fiery-throated Hummingbird	<i>Panterpe insignis</i>		
276	White-tailed Emerald	<i>Elvira chionura</i>		
277	Stripe-tailed Hummingbird	<i>Eupherusa eximia</i>		
278	Violet-capped Hummingbird	<i>Goldmania violiceps</i>	4	x
279	Violet-crowned Woodnymph	<i>Thalurania colombica</i>	7	
280	Violet-bellied Hummingbird	<i>Damophila julie</i>	11	x
281	Sapphire-throated Hummingbird	<i>Lepidopyga coeruleogularis</i>	5	
282	Blue-throated Goldentail	<i>Hylocharis eliciae</i>		
283	Rufous-tailed Hummingbird	<i>Amazilia tzacatl</i>	11	x
284	Blue-chested Hummingbird	<i>Polyerata amabilis</i>	9	x
285	Charming Hummingbird	<i>Polyerata decora</i>		
286	Snowy-bellied Hummingbird	<i>Saucerottia edward</i>	10	x
287	White-vented Plumeleteer	<i>Chalybura buffonii</i>	11	x
288	Bronze-tailed Plumeleteer	<i>Chalybura urochrysis</i>	8	x
289	White-throated Mountain-gem (E)	<i>Lampornis castaneiventris</i>		
290	Green-crowned Brilliant	<i>Heliodoxa jacula</i>		
291	Magnificent Hummingbird	<i>Eugenes fulgens</i>		
292	Purple-crowned Fairy	<i>Heliothryx barroti</i>	10	x
293	Long-billed Starthroat	<i>Heliomaster longirostris</i>		
294	Magenta-throated Woodstar	<i>Calliphlox bryantae</i>		
295	Scintillant Hummingbird	<i>Selasphorus scintilla</i>		
296	Volcano Hummingbird	<i>Selasphorus flammula</i>		
297	Trogon	Trogonidae		
298	White-tailed Trogon	<i>Trogon viridis</i>	11	x
299	Violaceous Trogon	<i>Trogon violaceus</i>	11	x
300	Collared Trogon	<i>Trogon collaris</i>		
301	Orange-bellied Trogon	<i>Trogon aurantiiventris</i>		
302	Black-throated Trogon	<i>Trogon rufus</i>	10,1	x
303	Black-tailed Trogon	<i>Trogon melanurus</i>	9	x
304	Slaty-tailed Trogon	<i>Trogon massena</i>	11	x
305	Resplendent Quetzal	<i>Pharomachrus mocinno</i>		
306	Kingfishers	Alcedinidae		
307	Belted Kingfisher	<i>Ceryle alcyon</i>	3	
308	Ringed Kingfisher	<i>Ceryle torquata</i>	11	x
309	Amazon Kingfisher	<i>Chloroceryle amazona</i>	7	x
310	Green Kingfisher	<i>Chloroceryle americana</i>	11	x
311	Green-and-rufous Kingfisher	<i>Chloroceryle inda</i>		
312	American Pygmy Kingfisher	<i>Chloroceryle aenea</i>	5	x
313	Motmots	Momotidae		
314	Blue-crowned Motmot	<i>Momotus momota</i>	10	x
315	Rufous Motmot	<i>Baryphthengus martii</i>	10	x
316	Broad-billed Motmot	<i>Electron platyrhynchum</i>	11	x
317	Jacamars	Galbulidae		
318	Rufous-tailed Jacamar	<i>Galbula ruficauda</i>		
319	Great Jacamar	<i>Jacamerops aureus</i>	6	
320	Puffbirds	Bucconidae		
321	White-necked Puffbird	<i>Notharchus macrorhynchos</i>	10	x
322	Black-breasted Puffbird	<i>Notharchus pectoralis</i>	11	x
323	Pied Puffbird	<i>Notharchus tectus</i>	6,1	x
324	White-whiskered Puffbird	<i>Malacoptila panamensis</i>	11	x

PANAMA'S CANOPY TOWER TRIP LIST -- JANUARY 2006

	A	B	C	D
	COMMON NAME	SCIENTIFIC NAME		
325				
326	Gray-cheeked Nunlet	<i>Nonnula frontalis</i>		
327	Barbets	Capitonidae		
328	Spot-crowned Barbet	<i>Capito maculicoronatus</i>	10	x
329	Red-headed Barbet	<i>Eubucco bourcierii</i>		
330	Prong-billed Barbet	<i>Semnornis frantzii</i>		
331	Toucans	Ramphastidae		
332	Emerald Toucanet	<i>Aulacorhynchus prasinus</i>		
333	Collared Aracari	<i>Pteroglossus torquatus</i>	11	x
334	Fiery-billed Aracari	<i>Pteroglossus frantzii</i>		
335	Yellow-eared Toucanet	<i>Selenidera spectabilis</i>	5	x
336	Keel-billed Toucan	<i>Ramphastos sulfuratus</i>	11	x
337	Chestnut-mandibled Toucan	<i>Ramphastos swainsonii</i>	11	x
338	Woodpeckers & Allies	Picidae		
339	Olivaceous Piculet	<i>Picumnus olivaceus</i>	1	
340	Acorn Woodpecker	<i>Melanerpes formicivorus</i>		
341	Black-cheeked Woodpecker	<i>Melanerpes pucherani</i>	10	
342	Red-crowned Woodpecker	<i>Melanerpes rubricapillus</i>	11	x
343	Yellow-bellied Sapsucker	<i>Sphyrapicus varius</i>	2	
344	Hairy Woodpecker	<i>Picoides villosus</i>		
345	Stripe-cheeked Woodpecker	<i>Piculus callopterus</i>		
346	Smoky-brown Woodpecker	<i>Veniliornis fumigatus</i>		
347	Golden-olive Woodpecker	<i>Piculus rubiginosus</i>		
348	Spot-breasted Woodpecker	<i>Colaptes punctigula</i>		
349	Cinnamon Woodpecker	<i>Celeus loricatus</i>	9	x
350	Lineated Woodpecker	<i>Dryocopus lineatus</i>	10	x
351	Crimson-bellied Woodpecker	<i>Campephilus haematogaster</i>		
352	Crimson-crested Woodpecker	<i>Campephilus melanoleucos</i>	11	x
353	Pale-billed Woodpecker	<i>Campephilus guatemalensis</i>		
354	Ovenbirds	Furnariidae		
355	Pale-breasted Spinetail	<i>Synallaxis albescens</i>	3	x
356	Slaty Spinetail	<i>Synallaxis brachyura</i>		
357	Red-faced Spinetail	<i>Cranioleuca erythroptera</i>		
358	Spotted Barbtail	<i>Premnoplex brunnescens</i>		
359	Ruddy Treerunner	<i>Margarornis rubiginosus</i>		
360	Plain Xenops	<i>Xenops minutus</i>	11	x
361	Scaly-throated Foliage-gleaner	<i>Anabacerthia variegaticeps</i>		
362	Buffy Tuftedcheek	<i>Pseudocolaptes lawrencii</i>		
363	Streak-breasted Treehunter	<i>Thripadectes rufobrunneus</i>		
364	Lineated Foliage-gleaner	<i>Syndactyla subalaris</i>		
365	Striped Woodhaunter	<i>Hyloctistes subulatus</i>		
366	Buff-fronted Foliage-gleaner	<i>Philydor rufus</i>		
367	Slaty-winged Foliage-gleaner	<i>Philydor fuscipennis</i>		
368	Buff-throated Foliage-gleaner	<i>Automolus ochrolaemus</i>		
369	Ruddy Foliage-gleaner	<i>Automolus rubiginosus</i>		
370	Tawny-throated Leaf-tosser	<i>Sclerurus mexicanus</i>		
371	Scaly-throated Leaf-tosser	<i>Sclerurus guatemalensis</i>		
372	Woodcreepers	Dendrocolaptidae		
373	Plain-brown Woodcreeper	<i>Dendrocincla fuliginosa</i>	9	x
374	Ruddy Woodcreeper	<i>Dendrocincla homochroa</i>	1	x
375	Long-tailed Woodcreeper	<i>Deconychura longicauda</i>		
376	Olivaceous Woodcreeper	<i>Sittasomus griseicapillus</i>	3,1	
377	Wedge-billed Woodcreeper	<i>Glyphorhynchus spirurus</i>	2	x
378	Northern Barred-Woodcreeper	<i>Dendrocolaptes sanctitho.</i>	9	x
379	Straight-billed Woodcreeper	<i>Xiphorhynchus picus</i>		

PANAMA'S CANOPY TOWER TRIP LIST -- JANUARY 2006

	A	B	C	D
380	COMMON NAME	SCIENTIFIC NAME		
381	Cocoa Woodcreeper	<i>Xiphorhynchus susurrans</i>	11	x
382	Black-striped Woodcreeper	<i>Xiphorhynchus lachrymosus</i>	6	x
383	Spotted Woodcreeper	<i>Xiphorhynchus erythropygius</i>	3	
384	Straight-billed Woodcreeper	<i>Dendroplex (Xipho.) picus</i>		
385	Streak-headed Woodcreeper	<i>Lepidocolaptes souleyetii</i>	5	
386	Spot-crowned Woodcreeper	<i>Lepidocolaptes affinis</i>		
387	Brown-billed Scythebill	<i>Campylorhamphus pusillus</i>		
388	Typical Antbirds	Thamnophilidae		
389	Fasciated Antshrike	<i>Cymbilaimus lineatus</i>	11	x
390	Great Antshrike	<i>Taraba major</i>	3,1	
391	Barred Antshrike	<i>Thamnophilus doliatus</i>	10	x
392	Black-hooded Antshrike	<i>Thamnophilus bridgesi</i>		
393	Western Slaty-Antshrike	<i>Thamnophilus atrinucha</i>	11	x
394	Russet Antshrike	<i>Thamnistes anabatinus</i>		
395	Plain Antwreos	<i>Dysithamnus mentalis</i>		
396	Spot-crowned Antwreos	<i>Dysithamnus puncticeps</i>	2	
397	Pygmy Antwren	<i>Myrmotherula brachyura</i>		
398	Pacific (Streaked) Antwren	<i>Myrmotherula pacifica</i>		
399	Checker-throated Antwren	<i>Myrmotherula fulviventris</i>	10	x
400	White-flanked Antwren	<i>Myrmotherula axillaris</i>	10	x
401	Slaty Antwren	<i>Myrmotherula schisticolor</i>		
402	Dot-winged Antwren	<i>Microrhopias quixensis</i>	11	x
403	Dusky Antbird	<i>Cercomacra tyrannina</i>	11	x
404	Jet Antbird	<i>Cercomacra nigricans</i>	1	x
405	Bare-crowned Antbird	<i>Gymnocichla nudiceps</i>	1,4	h
406	White-bellied Antbird	<i>Myrmeciza longipes</i>	10,1	x
407	Chestnut-backed Antbird	<i>Myrmeciza exsul</i>	11	x
408	Dull-mantled Antbird	<i>Myrmeciza laemosticta</i>		
409	Bicolored Antbird	<i>Gymnopithys leucaspis</i>	8,1	x
410	Wing-banded Antbird	<i>Myrmornis torquata</i>		
411	Spotted Antbird	<i>Hylophylax naevioides</i>	11	x
412	Ocellated Antbird	<i>Phaenostictus mcleannani</i>	6,1	x
413	Antthrushes & Antpittas	Formicariidae		
414	Black-headed Antthrush	<i>Formicarius nigricapillus</i>		
415	Black-faced Antthrush	<i>Formicarius analis</i>	6,5	x
416	Black-crowned Antpitta	<i>Pittasoma michleri</i>	1h	
417	Streak-chested Antpitta	<i>Hylopezus perspicillatus</i>	5,2	x
418	Tapaculos	Rhinocryptidae		
419	Silvery-fronted Tapaculo	<i>Scytalopus argentifrons</i>		
420	Cotingas	Cotingidae		
421	Rufous Piha	<i>Lipaugus unirufus</i>		
422	Turquoise Cotinga	<i>Cotinga ridgwayi</i>		
423	Blue Cotinga	<i>Cotinga nattererii</i>	11	x
424	Purple-throated Fruitcrow	<i>Querula purpurata</i>	11	x
425	Three-wattled Bellbird	<i>Procnias tricarunculata</i>		
426	Manakins	Pipridae		
427	Orange-collared Manakin	<i>Manacus aurantiacus</i>		
428	Golden-collared Manakin	<i>Manacus vitellinus</i>	11	x
429	White-ruffed Manakin	<i>Corapipo altera</i>	3,1	h
430	Lance-tailed Manakin	<i>Chiroxiphia lanceolata</i>	9,1	h
431	Blue-crowned Manakin	<i>Pipra coronata</i>	8	x
432	Red-capped Manakin	<i>Pipra mentalis</i>	11	x
433	Sapayoa	<i>Sapayoa aenigma</i>		
434	Thrush-like Schiffornis	<i>Schiffornis turdinus</i>	4,2	x

PANAMA'S CANOPY TOWER TRIP LIST -- JANUARY 2006

	A	B	C	D
435	COMMON NAME	SCIENTIFIC NAME		
436	Tyrant Flycatchers	Tyrannidae		
437	Brown-capped Tyrannulet	<i>Ornithion brunneicapillum</i>	8	x
438	Southern Beardless-Tyrannulet	<i>Camptostoma obsoletum</i>	10,1	x
439	Mouse-colored Tyrannulet	<i>Phaeomyias murina</i>	1	
440	Yellow Tyrannulet	<i>Capsiempis flaveola</i>	6	
441	Yellow-crowned Tyrannulet	<i>Tyrannulus elatus</i>	10	x
442	Forest Elaenia	<i>Myiopagis gaimardii</i>	8,1	h
443	Gray Elaenia	<i>Myiopagis caniceps</i>	1	
444	Greenish Elaenia	<i>Myiopagis viridicata</i>	6	x
445	Yellow-bellied Elaenia	<i>Elaenia flavogaster</i>	11	x
446	Lesser Elaenia	<i>Elaenia chiriquensis</i>	2	
447	Mountain Elaenia	<i>Elaenia frantzii</i>		
448	Torrent Tyrannulet	<i>Serpophaga cinerea</i>		
449	Ochre-bellied Flycatcher	<i>Mionectes oleagineus</i>	7	
450	Olive-striped Flycatcher	<i>Mionectes olivaceus</i>	1	
451	Sepia-capped Flycatcher	<i>Leptopogon amaurocephalus</i>		
452	Slaty-capped Flycatcher	<i>Leptopogon superciliaris</i>		
453	Yellow-green Tyrannulet (E)	<i>Phylloscartes flavovirens</i>	3	
454	White-fronted Tyrannulet	<i>Phyllomyias zeledoni</i>		
455	Paltry Tyrannulet	<i>Zimmerius vilissimus</i>	11	x
456	Northern Scrub-Flycatcher	<i>Sublegatus arenarum</i>	1	
457	Black-capped Pygmy-Tyrant	<i>Myiornis atricapillus</i>	2,1	
458	Scale-crested Pygmy-Tyrant	<i>Lophotriccus pileatus</i>	3,4	h
459	Pale-eyed Pygmy-Tyrant	<i>Atalotriccus pilaris</i> [new g.]	1	
460	Southern Bentbill	<i>Oncostoma olivaceum</i>	10,1	x
461	Slate-headed Tody-Tyrant	<i>Poecilotriccus sylvia</i>		
462	Black-headed Tody-Flycatcher	<i>Todirostrum nigriceps</i>	7,1	h
463	Common Tody-Flycatcher	<i>Todirostrum cinereum</i>	7	x
464	Brownish Flycatcher	<i>Cnipodectes subbrunneus</i>	3h	
465	Eye-ringed Flatbill	<i>Rhynchocyclus brevirostris</i>		
466	Olivaceous Flatbill	<i>Rhynchocyclus olivaceus</i>	8	
467	Yellow-olive Flycatcher	<i>Tolmomyias sulphurescens</i>	5	x
468	Yellow-margined Flycatcher	<i>Tolmomyias assimilis</i>	8,1	
469	Golden-crowned Spadebill	<i>Platyrrinchus coronatus</i>	2h	
470	White-throated Spadebill	<i>Platyrrinchus mystaceus</i>		
471	Northern Royal Flycatcher	<i>Onychorhynchus mexicanus</i>	4	x
472	Bran-colored Flycatcher	<i>Myiophobus fasciatus</i>	2	
473	Ruddy-tailed Flycatcher	<i>Terenotriccus erythrurus</i>	11	x
474	Sulphur-rumped Flycatcher	<i>Myiobius sulphureipygius</i>	3	
475	Black-tailed Flycatcher	<i>Myiobius atricaudus</i>	5	
476	Tufted Flycatcher	<i>Mitrephanes phaeocercus</i>		
477	Olive-sided Flycatcher	<i>Contopus cooperi</i>		
478	Dark Pewee	<i>Contopus lugubris</i>		
479	Ochraceous Pewee	<i>Contopus ochraceus</i>		
480	Western Wood-Pewee	<i>Contopus sordidulus</i>		
481	Eastern Wood-Pewee	<i>Contopus virens</i>	2	x
482	Tropical Pewee	<i>Contopus cinereus</i>	1	x
483	Yellow-bellied Flycatcher	<i>Empidonax flaviventris</i>	1	
484	Acadian Flycatcher	<i>Empidonax virescens</i>	3	
485	Willow Flycatcher	<i>Empidonax traillii</i>		
486	Yellowish Flycatcher	<i>Empidonax flavescens</i>		
487	Black-capped Flycatcher	<i>Empidonax atriceps</i>		
488	Black Phoebe	<i>Sayornis nigricans</i>	4	x

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	A	B	C	D
489	COMMON NAME	SCIENTIFIC NAME		
490	Pied Water-Tyrant	<i>Fluvicola pica</i>	2	x
491	Long-tailed Tyrant	<i>Colonia colonus</i>	8	x
492	Bright-rumped Attila	<i>Attila spadiceus</i>	7,4	x
493	Sirystes	<i>Sirystes sibilator</i>		
494	Speckled Mourner	<i>Laniocera rufescens</i>	2	x
495	Rufous Mourner	<i>Rhytipterna holerythra</i>	7	
496	Dusky-capped Flycatcher	<i>Myiarchus tuberculifer</i>	10,1	x
497	Panama Flycatcher	<i>Myiarchus panamensis</i>	10	x
498	Great Crested Flycatcher	<i>Myiarchus crinitus</i>	7,3	h
499	Lesser Kiskadee	<i>Philohydor lictor</i>	11	x
500	Great Kiskadee	<i>Pitangus sulphuratus</i>	11	x
501	Boat-billed Flycatcher	<i>Megarynchus pitangua</i>	10	x
502	Rusty-margined Flycatcher	<i>Myiozetetes cayanensis</i>	11	x
503	Social Flycatcher	<i>Myiozetetes similis</i>	11	x
504	Gray-capped Flycatcher	<i>Myiozetetes granadensis</i>	3	
505	White-ringed Flycatcher	<i>Conopias albobittata</i>		
506	Golden-bellied Flycatcher	<i>Myiodynastes hemichrysus</i>		
507	Streaked Flycatcher	<i>Myiodynastes maculatus</i>	11	x
508	Sulphur-bellied Flycatcher	<i>Myiodynastes luteiventris</i>		
509	Piratic Flycatcher	<i>Legatus leucophaeus</i>	6	
510	Tropical Kingbird	<i>Tyrannus melancholicus</i>	11	x
511	Eastern Kingbird	<i>Tyrannus tyrannus</i>	1	
512	Gray Kingbird	<i>Tyrannus dominicensis</i>	5	x
513	Fork-tailed Flycatcher	<i>Tyrannus savana</i>	11	x
514	Barred Becard	<i>Pachyramphus versicolor</i>		
515	Cinnamon Becard	<i>Pachyramphus cinnamomeus</i>	4	
516	White-winged Becard	<i>Pachyramphus polychopterus</i>	4	
517	Black-and-white Becard	<i>Pachyramphus albogriseus</i>		
518	Rose-throated Becard	<i>Pachyramphus aglaiae</i>		
519	Masked Tityra	<i>Tityra semifasciata</i>	11	x
520	Black-crowned Tityra	<i>Tityra inquisitor</i>	4	
521	Swallows	Hirundinidae		
522	Brown-chested Martin	<i>Progne tapera</i>		
523	Purple Martin	<i>Progne subis</i>	1	
524	Gray-breasted Martin	<i>Progne chalybea</i>	11	x
525	Tree Swallow	<i>Tachycineta bicolor</i>	1	
526	Mangrove Swallow	<i>Tachycineta albilinea</i>	11	x
527	Blue-and-white Swallow	<i>Pygochelidon cyanoleuca</i>		
528	White-thighed Swallow	<i>Neochelidon tibialis</i>		
529	Northern Rough-winged Swallow	<i>Stelgidopteryx serripennis</i>	4	
530	Southern Rough-winged Swallow	<i>Stelgidopteryx ruficollis</i>	11	x
531	Bank Swallow	<i>Riparia riparia</i>	2	
532	Cliff Swallow	<i>Petrochelidon pyrrhonota</i>	2	
533	Barn Swallow	<i>Hirundo rustica</i>	6	x
534	Wagtails & Pipits	Motacillidae		
535	Yellowish Pipit	<i>Anthus lutescens</i>		
536	Silky-Flycatchers	Ptilonotidae		
537	Black-and-yellow Silky-flycatcher	<i>Phainoptila melanoxantha</i>		
538	Long-tailed Silky-flycatcher	<i>Ptilonotus caudatus</i>		
539	Waxwings	Bombacillidae		
540	Cedar Waxwing	<i>Bombacilla cedrorum</i>	1	
541	Wrens	Troglodytidae		
542	White-headed Wren	<i>Campylorhynchus albobrun.</i>	6	
543				

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	A	B	C	D
544	COMMON NAME	SCIENTIFIC NAME		
545	Black-bellied Wren	<i>Thryothorus fasciatoventris</i>	9,1	x
546	Rufous-breasted Wren	<i>Thryothorus rutilus</i>	9	x
547	Riverside Wren	<i>Thryothorus semibadius</i>		
548	Bay Wren	<i>Thryothorus nigricapillus</i>	10	x
549	Stripe-breasted Wren	<i>Thryothorus thoracicus</i>		
550	Rufous-and-white Wren	<i>Thryothorus rufalbus</i>	7,3	x
551	Plain Wren	<i>Thryothorus modestus</i>	9,1	x
552	Buff-breasted Wren	<i>Thryothorus leucotis</i>	8,1	x
553	House Wren	<i>Troglodytes aedon</i>	11	x
554	Ochraceous Wren	<i>Troglodytes ochraceus</i>		
555	White-breasted Wood-Wren	<i>Henicorhina leucosticta</i>	8,1	
556	Gray-breasted Wood-Wren	<i>Henicorhina leucophrys</i>		
557	Scaly-breasted Wren	<i>Microcerculus marginatus</i>	1,1	
558	Song Wren	<i>Cyphorhinus phaeocephalus</i>	11	x
559	Mockingbirds & Thrashers	Mimidae		
560	Gray Catbird	<i>Dumetella carolinensis</i>	1	x
561	Tropical Mockingbird	<i>Mimus gilvus</i>	11	x
562	Thrushes & Allies	Turdidae		
563	Black-faced Solitaire	<i>Myadestes melanops</i>		
564	Orange-billed Nightingale-Thrush	<i>Catharus aurantiirostris</i>		
565	Slaty-backed Nightingale-Thrush	<i>Catharus fuscater</i>		
566	Black-billed Nightingale-Thrush	<i>Catharus gracilirostris</i>		
567	Ruddy-capped Nightingale-Thrush	<i>Catharus frantzii</i>		
568	Swainson's Thrush	<i>Catharus ustulatus</i>		
569	Wood Thrush	<i>Hylocichla mustelina</i>		
570	Sooty Robin	<i>Turdus nigrescens</i>		
571	Mountain Robin	<i>Turdus plebejus</i>		
572	Pale-vented Thrush	<i>Turdus obsoletus</i>		
573	Clay-colored Robin	<i>Turdus grayi</i>	11	x
574	White-throated Thrush	<i>Turdus assimilis</i>		
575	Gnatcatchers	Poliptilidae		
576	Tawny-faced Gnatwren	<i>Microbates cinereiventris</i>	5	x
577	Long-billed Gnatwren	<i>Ramphocaenus melanurus</i>	11	x
578	Tropical Gnatcatcher	<i>Poliptila plumbea</i>	10	x
579	Crows, Jays & Magpies	Corvidae		
580	Black-chested Jay	<i>Cyanocorax affinis</i>	9	x
581	Silvery-throated Jay	<i>Cyanolyca argentigula</i>		
582	Old World Sparrows	Passeridae		
583	House Sparrow	<i>Passer domesticus</i>	6	x
584	Vireos & Allies	Vireonidae		
585	Yellow-throated Vireo	<i>Vireo flavifrons</i>	8	x
586	Yellow-winged Vireo	<i>Vireo carmioli</i>		
587	Brown-capped Vireo	<i>Vireo leucophrys</i>	1	
588	Philadelphia Vireo	<i>Vireo philadelphicus</i>	6	x
589	Red-eyed Vireo	<i>Vireo olivaceus</i>		
590	Yellow-green Vireo	<i>Vireo flavoviridis</i>	6,1	
591	Scrub Greenlet	<i>Hylophilus flavipes</i>	6	x
592	Tawny-crowned Greenlet	<i>Hylophilus ochraceiceps</i>		
593	Golden-fronted Greenlet	<i>Hylophilus aurantiifrons</i>	10	x
594	Lesser Greenlet	<i>Hylophilus decurtatus</i>	11	x
595	Green Shrike-Vireo	<i>Vireolanius pulchellus</i>	11	x
596	Rufous-browed Peppershrike	<i>Cyclarhis gujanensis</i>		
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PANAMA'S CANOPY TOWER TRIP LIST -- JANUARY 2006

	A	B	C	D
598	COMMON NAME	SCIENTIFIC NAME		
599	Siskins, Crossbills & Allies	Fringillidae		
600	Yellow-bellied Siskin	<i>Carduelis xanthogastra</i>		
601	Lesser Goldfinch	<i>Carduelis psaltria</i>	3	
602	New World Warblers	Parulidae		
603	Blue-winged Warbler	<i>Vermivora pinus</i>		
604	Golden-winged Warbler	<i>Vermivora chrysoptera</i>	9	x
605	Tennessee Warbler	<i>Vermivora peregrina</i>	11	x
606	Flame-throated Warbler	<i>Parula gutturalis</i>		
607	Northern Parula	<i>Parula americana</i>	1	
608	Tropical Parula	<i>Parula pitayumi</i>	1	
609	Yellow Warbler	<i>Dendroica petechia</i>	11	x
610	Chestnut-sided Warbler	<i>Dendroica pensylvanica</i>	11	x
611	Magnolia Warbler	<i>Dendroica magnolia</i>	2	
612	Yellow-rumped Warbler	<i>Dendroica coronata</i>	3	
613	Black-throated Green Warbler	<i>Dendroica virens</i>	1	x
614	Blackburnian Warbler	<i>Dendroica fusca</i>	2	
615	Prairie Warbler	<i>Dendroica discolor</i>	1	
616	Palm Warbler	<i>Dendroica palmarum</i>	3	
617	Bay-breasted Warbler	<i>Dendroica castanea</i>	11	x
618	Blackpoll Warbler	<i>Dendroica striata</i>	4	
619	Cerulean Warbler	<i>Dendroica cerulea</i>	1	
620	Black-and-white Warbler	<i>Mniotilta varia</i>	11	x
621	American Redstart	<i>Setophaga ruticilla</i>	3	x
622	Prothonotary Warbler	<i>Protonotaria citrea</i>	10	x
623	Worm-eating Warbler	<i>Helmitheros vermivorus</i>		
624	Ovenbird	<i>Seiurus aurocapillus</i>		
625	Northern Waterthrush	<i>Seiurus noveboracensis</i>	8,1	h
626	Louisiana Waterthrush	<i>Seiurus motacilla</i>	1	
627	Kentucky Warbler	<i>Oporornis formosus</i>	2	
628	Mourning Warbler	<i>Oporornis philadelphia</i>	4	
629	MacGillivray's Warbler	<i>Oporornis tolmiei</i>		
630	Common Yellowthroat	<i>Geothlypis trichas</i>	2	
631	Masked Yellowthroat	<i>Geothlypis aequinoctialis</i>		
632	Gray-crowned Yellowthroat	<i>Geothlypis poliocephala</i>		
633	Hooded Warbler	<i>Wilsonia citrina</i>	1	
634	Wilson's Warbler	<i>Wilsonia pusilla</i>		
635	Canada Warbler	<i>Wilsonia canadensis</i>		
636	Slate-throated Redstart	<i>Myioborus miniatus</i>		
637	Collared Redstart	<i>Myioborus torquatus</i>		
638	Golden-crowned Warbler	<i>Basileuterus culicivorus</i>		
639	Rufous-capped Warbler	<i>Basileuterus rufifrons</i>	6	
640	Black-cheeked Warbler	<i>Basileuterus melanogenys</i>		
641	Three-striped Warbler	<i>Basileuterus tristriatus</i>		
642	Buff-rumped Warbler	<i>Basileuterus fulvicauda</i>	1	
643	Wrenthrush	<i>Zeledonia coronata</i>		
644	Bananaquit	Coerebidae		
645	Bananaquit	<i>Coereba flaveola</i>	9	x
646	Tanagers & Allies	Thraupidae		
647	Common Bush-Tanager	<i>Chlorospingus ophthalmicus</i>	1	
648	Sooty-capped Bush-Tanager	<i>Chlorospingus pileatus</i>		
649	Black-and-yellow Tanager	<i>Chrysothlypis chrysomelaena</i>		
650	Rosy Thrush-Tanager	<i>Rhodinicichla rosea</i>	11	x
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PANAMA'S CANOPY TOWER TRIP LIST -- JANUARY 2006

	A	B	C	D
652	COMMON NAME	SCIENTIFIC NAME		
653	Dusky-faced Tanager	<i>Mitrospingus cassinii</i>	1,1	h
654	Olive Tanager	<i>Chlorothraupis carmioli</i>	1	x
655	Gray-headed Tanager	<i>Eucometis penicillata</i>	8	x
656	Sulphur-rumped Tanager	<i>Heterospingus rubrifrons</i>	4	
657	White-shouldered Tanager	<i>Tachyphonus luctuosus</i>	11	x
658	Tawny-crested Tanager	<i>Tachyphonus delatrii</i>		
659	White-lined Tanager	<i>Tachyphonus rufus</i>	3	
660	Red-crowned Ant-Tanager	<i>Habia rubica</i>	3	x
661	Red-throated Ant-Tanager	<i>Habia fuscicauda</i>	11	x
662	Hepatic Tanager	<i>Piranga flava</i>	6	
663	Scarlet Tanager	<i>Piranga olivacea</i>	1	
664	Summer Tanager	<i>Piranga rubra</i>	11	x
665	Western Tanager	<i>Piranga ludoviciana</i>		
666	Flame-colored Tanager	<i>Piranga bidentata</i>		
667	White-winged Tanager	<i>Piranga leucoptera</i>		
668	Crimson-backed Tanager	<i>Ramphocelus dimidiatus</i>	11	x
669	Cherrie's Tanager	<i>Ramphocelus costaricensis</i>		
670	Flame-rumped Tanager	<i>Ramphocelus flammigerus</i>	11	x
671	Blue-gray Tanager	<i>Thraupis episcopus</i>	11	x
672	Palm Tanager	<i>Thraupis palmarum</i>	11	x
673	Blue-and-gold Tanager	<i>Bangsia arcaei</i>		
674	Yellow-crowned Euphonia	<i>Euphonia luteicapilla</i>	10	x
675	Thick-billed Euphonia	<i>Euphonia laniirostris</i>	11	x
676	Elegant Euphonia	<i>Euphonia elegantissima</i>		
677	Spot-crowned Euphonia	<i>Euphonia imitans</i>		
678	Fulvous-vented Euphonia	<i>Euphonia fulvicrissa</i>	10	x
679	White-vented Euphonia	<i>Euphonia minuta</i>	1	
680	Tawny-capped Euphonia	<i>Euphonia anneae</i>	2	
681	Golden-browed Chlorophonia	<i>Chlorophonia callophrys</i>		
682	Plain-colored Tanager	<i>Tangara inornata</i>	11	x
683	Emerald Tanager	<i>Tangara florida</i>	3	x
684	Silver-throated Tanager	<i>Tangara icterocephala</i>		
685	Speckled Tanager	<i>Tangara guttata</i>	3	x
686	Bay-headed Tanager	<i>Tangara gyrola</i>	7	x
687	Rufous-winged Tanager	<i>Tangara lavinia</i>	4	x
688	Golden-hooded Tanager	<i>Tangara larvata</i>	11	x
689	Spangle-cheeked Tanager	<i>Tangara dowii</i>		
690	Scarlet-thighed Dacnis	<i>Dacnis venusta</i>	1	
691	Blue Dacnis	<i>Dacnis cayana</i>	11	x
692	Green Honeycreeper	<i>Chlorophanes spiza</i>	10	x
693	Shining Honeycreeper	<i>Cyanerpes lucidus</i>	5	
694	Red-legged Honeycreeper	<i>Cyanerpes cyaneus</i>	11	x
695	Buntings, Sparrows & Seedeaters	Emberizidae		
696	Blue-black Grassquit	<i>Volatinia jacarina</i>	9	x
697	Slate-colored Seedeater	<i>Sporophila schistacea</i>		
698	Variable Seedeater	<i>Sporophila corvina</i>	11	x
699	White-collared Seedeater	<i>Sporophila torqueola</i>		
700	Yellow-bellied Seedeater	<i>Sporophila nigricollis</i>	9	
701	Ruddy-breasted Seedeater	<i>Sporophila minuta</i>	7	x
702	Thick-billed Seed-Finch	<i>Oryzoborus funereus</i>	5	
703	Blue Seedeater	<i>Amaurospiza concolor</i>		
704	Yellow-faced Grassquit	<i>Tiaris olivacea</i>	7	x
705	Slaty Finch	<i>Haplospiza rustica</i>		
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PANAMA'S CANOPY TOWER TRIP LIST -- JANUARY 2006

	A	B	C	D
707	COMMON NAME	SCIENTIFIC NAME		
708	Slaty Flowerpiercer	<i>Diglossa plumbea</i>		
709	Saffron Finch	<i>Sicalis flaveola</i>	6	
710	Yellow-thighed Finch	<i>Pselliophorus tibialis</i>		
711	Large-footed Finch	<i>Pezopetes capitalis</i>		
712	White-naped Brush-Finch	<i>Atlapetes albinucha</i>		
713	Chestnut-capped Brush-Finch	<i>Buarremon brunneinucha</i>		
714	Stripe-headed Brush-Finch	<i>Buarremon torquatus</i>		
715	Orange-billed Sparrow	<i>Arremon aurantiirostris</i>	6	x
716	Black-striped Sparrow	<i>Arremonops conirostris</i>	11	x
717	Rufous-collared Sparrow	<i>Zonotrichia capensis</i>		
718	Saltators, Cardinals & Allies	Cardinalidae		
719	Streaked Saltator	<i>Saltator striatipectus</i>	8	
720	Buff-throated Saltator	<i>Saltator maximus</i>	11	x
721	Black-headed Saltator	<i>Saltator atriceps</i>	8	x
722	Slate-colored Grosbeak	<i>Saltator grossus</i>	8,1	
723	Black-thighed Grosbeak	<i>Pheucticus tibialis</i>		
724	Rose-breasted Grosbeak	<i>Pheucticus ludovicianus</i>	6	x
725	Blue-black Grosbeak	<i>Cyanocopsa cyanooides</i>	7	x
726	Blue Grosbeak	<i>Guiraca caerulea</i>	1	
727	Indigo Bunting	<i>Passerina cyanea</i>	1	
728	Dickcissel	<i>Spiza americana</i>	1	
729	Troupials & Allies (Icterids)	Icteridae		
730	Bobolink	<i>Dolichonyx oryzivorus</i>		
731	Red-breasted Blackbird	<i>Sturnella militaris</i>	7	x
732	Eastern Meadowlark	<i>Sturnella magna</i>	4	
733	Great-tailed Grackle	<i>Quiscalus mexicanus</i>	11	x
734	Shiny Cowbird	<i>Molothrus bonariensis</i>	5	x
735	Bronzed Cowbird	<i>Molothrus aeneus</i>		
736	Giant Cowbird	<i>Molothrus oryzivorus</i>	6	x
737	Yellow-backed Oriole	<i>Icterus chrysater</i>	11	x
738	Yellow-tailed Oriole	<i>Icterus mesomelas</i>	8	x
739	Baltimore Oriole	<i>Icterus galbula</i>	11	x
740	Orchard Oriole	<i>Icterus spurius</i>	10	x
741	Yellow-billed Cacique	<i>Amblycercus holosericeus</i>	3	x
742	Yellow-rumped Cacique	<i>Cacicus cela</i>	11	x
743	Scarlet-rumped Cacique	<i>Cacicus uropygialis</i>	11	x
744	Crested Oropendola	<i>Psarocolius decumanus</i>	10	x
745	Chestnut-headed Oropendola	<i>Psarocolius wagleri</i>	11	x
746	Montezuma Oropendola	<i>Gymnostinops montezuma</i>	1	
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PANAMA'S CANOPY TOWER TRIP LIST -- JANUARY 2006

	A	B	C	D
762	COMMON NAME	SCIENTIFIC NAME	I	II
763	MAMMALS -- Reed's 1997 order and nomenclature			
764	7 OPOSSUM species		1	x
765	COMMON OPOSSUM	<i>Didelphis marsupialis</i>	4	x
766	NORTHERN TAMANDUA	<i>Tamandua mexicana</i>	5	x
767	SILKY ANTEATER	<i>Cyclopes didactylus</i>		
768	HOFFMANN'S TWO-TOED SLOTH	<i>Choloepus hoffmanni</i>	9	x
769	BROWN-THROATED THREE-TOED SLOTH	<i>Bradypus variegatus</i>	10	x
770	NORTHERN NAKED-TAILED ARMADILLO	<i>Cabassous centralis</i>		
771	NINE-BANDED ARMADILLO	<i>Dasypus novemcinctus</i>	1	
772	78 BAT species		10	x
773	PROBOSCIS or LONG-NOSED BAT	<i>Rhynchonycteris naso</i>		
774	GREATER FISHING BAT	<i>Noctilio leporinus</i>	1	x
775	COMMON TENT-MAKING BAT	<i>Uruderma bilobatum</i>		
776	BROWN TENT-MAKING BAT	<i>Uruderma magnirostrum</i>		
777	FALSE VAMPIRE BAT	<i>Vampyrum spectrum</i>	1	x
778	3 VAMPIRE BAT species			
779	GEOFFROY'S TAMARIN	<i>Saguinus geoffroyi</i>	10	x
780	WESTERN NIGHT MONKEY	<i>Aotus lemurinus</i>	2	
781	WHITE-FACED CAPUCHIN MONKEY	<i>Cebus capuchinus</i>	9	x
782	MANTLED HOWLER MONKEY	<i>Alouatta palliata</i>	10	x
783	CENTRAL AMERICAN SPIDER MONKEY	<i>Ateles geoffroyi</i>		
784	VARIEGATED SQUIRREL	<i>Sciurus variegatoides</i>	6	x
785	RED-TAILED SQUIRREL	<i>Sciurus granatensis</i>	10	x
786	ALFARO'S PYGMY SQUIRREL	<i>Microsciurus alfari</i>		
787	WESTERN PYGMY SQUIRREL	<i>Microsciurus mimulus</i>		
788	14 MOUSE or RAT species			
789	ROTHCHILD'S PORCUPINE	<i>Coendou rothschildi</i>		
790	CAPYBARA	<i>Hydrochaeris hydrocheris</i>	10	
791	CENTRAL AMERICAN AGOUTI	<i>Dasyprocta punctata</i>	10	x
792	PACA	<i>Agouti paca</i>		
793	3 SPINY or TREE RAT species			
794	TAPITI or FOREST RABBIT [to 1500 m]	<i>Sylvilagus brasiliensis</i>	6	x
795	COYOTE	<i>Canis latrans</i>		
796	GRAY FOX	<i>Urocyon cinereoargenteus</i>		
797	NORTHERN RACCOON	<i>Procyon lotor</i>		
798	CRAB-EATING RACCOON	<i>Procyon cancrivorus</i>		
799	WHITE-NOSED COATI	<i>Nasua nasua</i>	10	x
800	KINKAJOU	<i>Potos flavus</i>	7	x
801	OLINGO	<i>Bassaricyon gabbii</i>		
802	LONG-TAILED WEASEL	<i>Mustela frenata</i>		
803	TAYRA	<i>Eira barbara</i>	2	
804	NEOTROPICAL RIVER OTTER	<i>Lutra longicaudis</i>	1	
805	OCELOT	<i>Felis pardalis</i>		
806	MARGAY	<i>Leopardus wiedii</i>		
807	JAGUARUNDI	<i>Felis yagouaroundi</i>		
808	PUMA	<i>Puma concolor</i>		
809	JAGUAR	<i>Panthera onca</i>		
810	WEST INDIAN MANATEE	<i>Trichechus manatus</i>		
811	BAIRD'S TAPIR	<i>Tapirus bairdii</i>		
812	COLLARED PECCARY	<i>Tayassu tajacu</i>	1	
813	WHITE-LIPPED PECCARY	<i>Tayassu pecari</i>		
814	WHITE-TAILED DEER	<i>Olocoileus virginianus</i>	1	x
815	RED BROCKET	<i>Mazama americana</i>		

PANAMA'S CANOPY TOWER TRIP LIST -- JANUARY 2006

	A	B	C	D
816	COMMON NAME	SCIENTIFIC NAME	I	II
817	REPRESENTATIVE REPTILES and AMPHIBIANS			
818	From 1983 Costa Rican Natural History, D. Janzen, ed.			
819	FOREST FROG		2	x
820	RED-EYED TREEFROG	<i>Agalychnis callidryas</i>		
821	GIANT or MARINE TOAD	<i>Bufo marinus</i>	2	
822	TINK FROG	<i>Eleutherodactylus bransfordii</i>		
823	TREE FROG	<i>Hyla</i> sp.		
824	POISON DART FROG	<i>Dendrobates auratus</i>	1	x
825	JESUS CHRIST LIZARD	<i>Basiliscus basiliscus</i>	4	x
826	EMERALD BASILISK	<i>Basiliscus plumifrons</i>		
827	MACROTEIID LIZARDS	<i>Ameiva</i> spp.	9	
828	COMMON or GREEN IGUANA	<i>Iguana iguana</i>	7	x
829	CTENOSAUR or BLACK IGUANA	<i>Ctenosaura similis</i>		
830	YELLOW-HEADED GECKO	<i>Phyllodactylus</i>	2	x
831	"INTRODUCED" GECKO AT TOWER		10	x
832	ANOLIS LIZARD or ANOLE	<i>Norops polylepis</i>	1	x
833	SKINK	<i>Sphenomorphus cherriei</i>		
834	RED or PAINTED WOOD TURTLE	<i>Rhinoclemmys pulcherrima</i>	3	
835	COMMON SLIDER	<i>Trachemys scripta</i>	9	x
836	AMERICAN CROCODILE	<i>Crocodylus acutus</i>	3	
837	SPECTACLED CAYMAN or BABA	<i>Caiman crocodilus</i>	6	x
838	EYELASH VIPER or BOCARACA	<i>Bothrops schlegelii</i>		
839	FER-DE-LANCE or TERCIOPELO	<i>Bothrops asper</i>		
840	BOA CONSTRICTOR	<i>Boa constrictor</i>	1	
841	BROWN VINE S. or BEJUQUILLA CAFÉ	<i>Oxybelis aeneus</i>		
842	GRE. V. SNAKE or BEJUQUILLA VERDE	<i>Oxybelis fulgidus</i>	1	
843	BUSHMASTER	<i>Lachesis muta</i>	1	
844	RAT SNAKE		1	
845	Unidentified SNAKE species		4	
846	REPRESENTATIVE ARTHROPODS			
847	GOLDEN ORB-WEAVER	<i>Nephila clavipes</i>	2	x
848	LEAF-CUTTING ANTS	<i>Atta cephalotes</i>	10	x
849	ARMY ANTS	<i>Eciton burchelli</i>	8	x
850	ACACIA ANTS	<i>Pseudomyrmex ferruginea</i>	3	x
851	BULLET ANTS or BALAS	<i>Paraponera clavata</i>	5	x
852	CECROPIA or AZTECA ANTS	<i>Azteca</i> spp.	10	x
853	SUNDOWN CICADAS or CHICHARRAS	<i>Fidicina mannifera</i>	8	x
854	CHIGGERS or COLORADILLA [larval stag	<i>Eutrombicula</i> spp.	10	x
855	Unidentified WASP species		10	x
856	ANT LION [larval stage]	<i>Mermeleon</i> spp.	2	
857	CALIGO or CREAM OWL BUTTERFLY	<i>Caligo memmon</i>	10	x
858	MORPHO	<i>Morpho peleides</i>	10	x
859	GLASS-WINGED BUTTERFLY		2	x
860	Unidentified BUTTERFLY species		10	x
861	Unidentified STICK INSECT species		2	
862	ARBOREAL TERMITES	<i>Nasutitermes</i> spp.	10	x
863	FIDDLER CRABS		1	
864	MANGROVE CRABS		6	
865	Unidentified LAND CRAB species		1	
866	Unidentified DAMSELFLY species		10	x
867	HELICOPTER DAMSELFLY		10	x
868	Unidentified DRAGONFLY species		10	x
869	Large PURPLE GRASSHOPPER		1	x