

Rapid Ecological Assessment Mayflower Bocawina National Park



Volume II - Appendix

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Appendix 1

Birdlist of Mayflower Bocawina National Park (MBNP)

Status: R = Resident, W = Winter visitor, D = Dry season resident, A = Accidental visitor, T = Transient.

MBNP: X = Recorded during REA, ? = Species in need of confirmation,

MN = Reported by Mamanoots Resort, some may need confirmation

English Name	Scientific name	Local name(s)	Status	MBNP
TINAMOUS - TINAMIDAE				
Great Tinamou	<i>Tinamus major</i>	Blue-footed partridge	R	X
Little Tinamou	<i>Crypturellus soui</i>	Bawley	R	X
Slaty-breasted Tinamou	<i>Crypturellus boucardi</i>	Red-footed partridge	R	?
HERONS - ARDEIDAE				
Bare-throated Tiger Heron	<i>Tigrisoma mexicanum</i>	Barking gaulin	R	X
Great Egret	<i>Egretta alba</i>	Gaulin, Garza blanca	WR	MN
Little Blue Heron	<i>Egretta caerulea</i>	Blue Gaulin, Garza morene	W	X
Cattle Egret	<i>Bubulcus ibis</i>	Gaulin, Garza blanca	WR	X
AMERICAN VULTURES - CATHARTIDAE				
Black Vulture	<i>Coragyps atratus</i>	John Crow, Sope	WR	X
Turkey Vulture	<i>Cathartes aura</i>	Doctor John Crow, Sope	WR	X
King Vulture	<i>Sarcoramphus papa</i>	King John Crow, Sope real	R	X
KITES, HAWKS, EAGLES AND ALLIES - ACCIPITRIDAE				
Swallow-tailed Kite	<i>Elanoides forficatus</i>	Scissors-tailed hawk	DT	X
Plumbeous Kite	<i>Ictinia plumbea</i>		D	MN
White Hawk	<i>Leucopternis albigollis</i>		R	X
Gray Hawk	<i>Asturina nitidus</i>		R	X
Great Black-Hawk	<i>Buteogallus urubitinga</i>		R	?
Roadside Hawk	<i>Buteo magnirostris</i>	Chicken Hawk	R	X
Black Hawk-Eagle	<i>Spizaetus tyrannus</i>		R	MN
FALCONS AND ALLIES - FALCONIDAE				
Barred Forest-Falcon	<i>Micrastur ruficollis</i>		R	X
Laughing Falcon	<i>Herpetotheres cachinnans</i>	Guaco	R	X
Bat Falcon	<i>Falco ruficularis</i>	Lion hawk	R	X
GUANS AND CURASSOWS - CRACIDAE				
Plain Chachalaca	<i>Ortalis vetula</i>	Cockycrow, Cocrico	R	X
Crested Guan	<i>Penelope purpurascens</i>		R	X
Great Curassow	<i>Crax rubra</i>	Faisan, Pajouil	R	X
TURKEYS - PHASIANIDAE				
Ocellated Turkey	<i>Meleagris ocellata</i>		R	MN
RAILS, GALLINULES AND ALLIES RALLIDAE				
Ruddy Crake	<i>Laterallus ruber</i>	Dodging bull	R	X
Rufous-necked Wood Rail	<i>Aramides axillaris</i>	Gallinola	R	X

SANDPIPERS AND ALLIES - SCOLOPACIDAE

Spotted Sandpiper	<i>Actitis macularia</i>	Shaky batty	WT	MN
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PIGEONS AND DOVES - COLUMBIDAE

Pale-vented Pigeon	<i>Columba cayennensis</i>	Red mangrove pigeon	R	X
Scaled Pigeon	<i>Columba speciosa</i>	Mountain pigeon	R	X
Short-billed Pigeon	<i>Columba nigrirostris</i>	Tres pesos pigeon	R	X
Ruddy Ground-Dove	<i>Columbina talpacoti</i>	Turtle dove	R	X
Blue Ground-Dove	<i>Claravis pretiosa</i>		R	X
White-tipped Dove	<i>Leptotila verreauxi</i>		R	X
Gray-fronted Dove	<i>Leptotila rufaxilla</i>		R	X
Gray-headed dove	<i>Leptotilia plumbiceps</i>		R	X
Gray-Chested Dove	<i>Leptotilia cassinii</i>		R	X

PARROTS - PSITTACIDAE

Olive-throated Parakeet	<i>Aratinga nana</i>	Aztec Parakeet, Keetie	R	X
Scarlet Macaw	<i>Ara macao cyanoptera</i>	Guacamallo	R	MN
Brown-hooded Parrot	<i>Pionopsitta haematotis</i>		R	X
White-crowned Parrot	<i>Pionus senilis</i>		R	X
White-fronted Parrot	<i>Amazona albifrons</i>		R	MN
Red-lore Parrot	<i>Amazona autumnalis</i>		R	X
Mealy Parrot	<i>Amazona farinosa</i>	Watch-out Parrot	R	X
Yellow-headed Parrot	<i>Amazona oratrix</i>	Yellow-head	R	MN

CUCKOOS - CUCULIDAE

Squirrel Cuckoo	<i>Piaya cayana</i>	Pe-quam	R	X
Groove-billed Ani	<i>Crotophaga sulcirostris</i>	Cowboy Blackbird, Chel	R	X

TYPICAL OWLS - STRIGIDAE

Vermiculated Screech-Owl	<i>Otus guatemalae</i>	Monkey bird	R	X
Spectacled Owl	<i>Pulsatrix perspicillata</i>		R	X
Central American Pygmy-Owl	<i>Glaucidium griseiceps</i>		R	X
Ferruginous Pygmy-Owl	<i>Glaucidium brasilianum</i>		R	?
Mottled Owl	<i>Ciccaba virgata</i>		R	X
Black-and-white Owl	<i>Ciccaba nigrolineata</i>		R	X

NIGHTHAWKS AND NIGHTJARS - CAPRIMULGIDAE

Pauraque	<i>Nyctidromus albicollis</i>	Who-you, Xpuhuy	R	X
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SWIFTS - APODIDAE

Vaux's Swift	<i>Chaetura vauxi</i>		R	X
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HUMMINGBIRDS - TROCHILIDAE

Long-tailed Hermit	<i>Phaethornis superciliosus</i>		R	X
Little Hermit	<i>Pygornis longuemareus</i>		R	X
Scaly-breasted Hummingbird	<i>Phaeochroa cuvierii</i>		R	MN
White-necked Jacobin	<i>Florisuga mellivora</i>		R	X
White-bellied Emerald	<i>Amazilia candida</i>		R	X
Rufous-tailed Hummingbird	<i>Amazilia tzacatl</i>		R	X
Ruby-throated Hummingbird	<i>Archilochus colubris</i>		TW	X

TROGONS - TROGONIDAE

Black-headed Trogon	<i>Trogon melanocephalus</i>	Ramatutu	R	X
Violaceous Trogon	<i>Trogon violaceus</i>	Peche amarillo	R	X
Collared Trogon	<i>Trogon collaris</i>		R	X
Slaty-tailed Trogon	<i>Trogon massena</i>		R	X

MOTMOTS - MOMOTIDAE

Tody Motmot	<i>Hylomanes momotula</i>		R	X
Blue-crowned Motmot	<i>Momotus momota</i>	Good Cook	R	X
Keel-billed Motmot	<i>Electron carinatum</i>		R	X

KINGFISHERS - ALCEDINIDAE

Ringed Kingfisher	<i>Ceryle torquata</i>		R	MN
Amazon Kingfisher	<i>Chloroceryle amazona</i>		R	MN
Green Kingfisher	<i>Chloroceryle americana</i>		R	X

JACAMARS - GALBULIDAE

Rufous-tailed Jacamar	<i>Galbula ruficauda</i>		R	X
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TOUCANS - RAMPHASTIDAE

Emerald Toucanet	<i>Aulacorhynchus prasinus</i>		R	X
Collared Aracari	<i>Pteroglossus torquatus</i>	Phyllis, Medio Pito	R	X
Keel-billed Toucan	<i>Ramphastos sulfuratus</i>	Billbird, Pito real	R	X

WOODPECKERS - PICIDAE

Black-cheeked Woodpecker	<i>Melanerpes pucherani</i>		R	X
Golden-fronted Woodpecker	<i>Melanerpes aurifrons</i>	Carpenter, Che'ko'	R	X
Smoky-brown Woodpecker	<i>Veniliornis fumigatus</i>		R	X
Golden-olive Woodpecker	<i>Piculus rubiginosus</i>		R	X
Chestnut-colored Woodpecker	<i>Celeus castaneus</i>		R	X
Lineated Woodpecker	<i>Dryocopus lineatus</i>	Colonte'	R	X
Pale-billed Woodpecker	<i>Campephilus guatemalensis</i>	Father Red-cap	R	X

OVENBIRDS - FURNARIIDAE

Buff-throated Foliage-gleaner	<i>Automolus ochrolaemus</i>		R	X
Plain Xenops	<i>Xenops minutus</i>		R	X

WOODCREEPERS - DENDROCOLAPTIDAE

Tawny-winged Woodcreeper	<i>Dendrocincla anabatina</i>	R	X
Ruddy Woodcreeper	<i>Dendrocincla homochroa</i>	R	X
Wedge-billed Woodcreeper	<i>Glyphorhynchus spirurus</i>	R	X
Strong-billed Woodcreeper	<i>Xiphocolaptes promeropirhynchus</i>	R	MN
Northern Barred-Woodcreeper	<i>Dendrocolaptes sanctithomae</i>	R	X
Ivory-billed Woodcreeper	<i>Xiphorhynchus flavigaster</i>	R	X

TYPICAL ANTBIRDS - THAMNOPHILIDAE

Barred Antshrike	<i>Thamnophilus doliatus</i>	R	X
Dot-winged Antwren	<i>Microrhophias quixensis</i>	R	X
Dusky Antbird	<i>Cercomacra tyrannina</i>	R	X

ANTTHRUSHES AND ANTPITTAS - FORMICARIIDAE

Black-faced Anttrush	<i>Formicarius analis</i>	R	X
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TYRANT FLYCATCHERS - TYRANNIDAE**TYRANULETS, ELAENIAS AND ALLIES - ELAENIINAE**

Yellow-bellied Tyrannulet	<i>Ornithion semiflavum</i>	R	X
Greenish Elaenia	<i>Myiopagis viridicata</i>	R	X
Yellow-bellied Elaenia	<i>Elaenia flavogaster</i>	R	X
Ochre-bellied Flycatcher	<i>Mionectes oleagineus</i>	R	X
Northern Bentbill	<i>Oncostoma cinereigulare</i>	R	X
Slate-headed Tody-flycatcher	<i>Todirostrum sylvia</i>	R	MN
Common Tody-flycatcher	<i>Todirostrum cinereum</i>	R	X
Yellow-olive Flycatcher	<i>Tolmomyias sulphurescens</i>	R	X
Stub-tailed Spadebill	<i>Platyrinchus cancrominus</i>	R	X

FLUVICOLINE FLYCATCHERS - FLUVICOLIINAE

Sulphur-rumped Flycatcher	<i>Myiobius sulphureipygius</i>	R	X
Eastern Wood-Pewee	<i>Contopus virens</i>	WT	MN
Tropical Pewee	<i>Contopus cinereus</i>	R	X
Yellow-bellied Flycatcher	<i>Empidonax flaviventris</i>	T	X
Least Flycatcher	<i>Empidonax minimus</i>	WT	?

TYRANNINE FLYCATCHERS - TYRANNINAE

Bright-rumped Attila	<i>Attila spadiceus</i>	R	X
Rufous Mourner	<i>Rhytipterna holerythra</i>	R	X
Dusky-capped Flycatcher	<i>Myiarchus tuberculifer</i>	R	X
Brown-crested Flycatcher	<i>Myiarchus tyrannulus</i>	R	X
Great Kiskadee	<i>Pitangus sulphuratus</i>	Kiskadee	R X
Boat-billed Flycatcher	<i>Megarynchus pitangua</i>	Kiskadee	R X
Social Flycatcher	<i>Myiozetetes similis</i>	Katy-yu-baby-di-cry	R X
Streaked Flycatcher	<i>Myiodynastes maculatus</i>	D	MN
Piratic Flycatcher	<i>Legatus leucophaeus</i>	D	X
Tropical Kingbird	<i>Tyrannus melancholicus</i>	R	X

TITYRAS AND BECARDS (INCERTAE SEDIS)

Thrushlike Schiffornis	<i>Schiffornis turdinus</i>	x	R	X
Cinnamon Becard	<i>Pachyramphus cinnamomeus</i>		R	X
White-winged Becard	<i>Pachyramphus polychopterus</i>		R	X
Rose-throated Becard	<i>Pachyramphus aglaiae</i>		R	X
Masked Tityra	<i>Tityra semifasciata</i>	White Woodpecker	R	X

MANAKINS - PIPRIDAE

White-collared Manakin	<i>Manacus candei</i>	Cohune popper	R	X
Red-capped Manakin	<i>Pipra mentalis</i>		R	X

VIREOS - VIREONIDAE

White-eyed Vireo	<i>Vireo griseus</i>		W	X
Yellow-throated Vireo	<i>Vireo flavifrons</i>		W	X
Tawny-crowned Greenlet	<i>Hylophilus ochraceiceps</i>		R	X
Lesser Greenlet	<i>Hylophilus decurtatus</i>		R	X
Green Shrike-Vireo	<i>Vireolanius pulchellus</i>		D	X
Rufous-browed Peppershrike	<i>Cyclarhis gujanensis</i>		R	MN

JAYS AND CROWS - CORVIDAE

Green Jay	<i>Cyanocorax yncas</i>	Cling-cling	R	X
Brown Jay	<i>Cyanocorax morio</i>	Piam-piam	R	X

WRENS - TROGLODYTIDAE

Spot-breasted Wren	<i>Thryothorus maculipectus</i>	Katy-yu-baby-di-cry	R	X
House Wren	<i>Troglodytes aedon</i>		R	X
White-breasted Wood-Wren	<i>Henicorhina leucosticta</i>		R	X

GNATCATCHERS - SYLVIIDAE

Long-billed Gnatwren	<i>Ramphocaenus melanurus</i>		R	X
Tropical Gnatcatcher	<i>Polioptila plumbea</i>		R	X

SOLITAIRES, THRUSHES AND ALLIES - TURDIDAE

Wood Thrush	<i>Hylocichla mustelinus</i>		W	X
Clay-colored Thrush	<i>Turdus grayi</i>	Brown Cusco	R	X
White-throated Robin	<i>Turdus assimilis</i>		R	X

MOCKINGBIRDS, THRASHERS AND ALLIES - MIMIDAE

Gray Catbird	<i>Dumetella carolinensis</i>		W	X
Tropical Mockingbird	<i>Mimus gilvus</i>	Nightingale	R	MN

WOOD WARBLERS - PARULIDAE

Tennessee Warbler	<i>Vermivora peregrina</i>		WT	X
Yellow Warbler	<i>Dendroica petechia</i>	(inc. Mangrove Warbler)	RW	X
Chestnut-sided Warbler	<i>Dendroica pensylvanica</i>		T	X
Magnolia Warbler	<i>Dendroica magnolia</i>		W	X
Yellow-rumped Warbler	<i>Dendroica coronata</i>		W	X
Black-throated Green Warbler	<i>Dendroica virens</i>		W	X
Yellow-throated Warbler	<i>Dendroica dominica</i>		W	X
Black-and-white Warbler	<i>Mniotilta varia</i>		W	X
American Redstart	<i>Setophaga ruticilla</i>		W	X
Worm-eating Warbler	<i>Helmitheros vermivorus</i>		W	X
Ovenbird	<i>Seiurus aurocapillus</i>		W	X
Northern Waterthrush	<i>Seiurus noveboracensis</i>		W	X
Kentucky Warbler	<i>Oporornis formosus</i>		WT	X
Common Yellowthroat	<i>Geothlypis trichas</i>		W	X
Hooded Warbler	<i>Wilsonia citrina</i>		W	X
Wilson's Warbler	<i>Wilsonia pusilla</i>		W	MN

TANAGERS - THRAUPIDAE

Gray-headed Tanager	<i>Eucometis penicillata</i>		R	X
Black-throated Shrike-Tanager	<i>Lanio aurantius</i>		R	X
Red crowned Ant Tanager	<i>Habia rubica</i>		R	X
Red throated Ant Tanager	<i>Habia fuscicauda</i>		R	X
Summer Tanager	<i>Piranga rubra</i>		W	X
Crimson-collared Tanager	<i>Phlogothraupis sanguinolenta</i>		R	X
Passerini's Tanager	<i>Ramphocelus passerinii</i>	(Scarlet-rumped Tanager)	R	X
Blue-gray Tanager	<i>Thraupis episcopus</i>	Bluebird	R	X
Yellow-winged Tanager	<i>Thraupis abbas</i>		R	X
Yellow-throated Euphonia	<i>Euphonia hirundinacea</i>		R	X
Olive-backed Euphonia	<i>Euphonia gouldi</i>		R	X
Golden-hooded Tanager	<i>Tangara larvata</i>	(Masked Tanager)	R	X
Green Honeycreeper	<i>Chlorophanes spiza</i>		R	X
Shining Honeycreeper	<i>Cyanerpes lucidus</i>		R	MN
Red-legged Honeycreeper	<i>Cyanerpes cyaneus</i>		R	X

EMBERIZINES - EMBERIZIDAE

Blue-black Grassquit	<i>Volatinia jacarina</i>		R	X
Variable Seedeater	<i>Sporophila americana</i>		R	X
White-collared Seedeater	<i>Sporophila torqueola</i>	Ricey, Grassy bird	R	X
Thick-billed Seedfinch	<i>Oryzoborus funereus</i>		R	MN
Orange-billed Sparrow	<i>Arremon aurantiirostris</i>		R	X

CARDINALS AND ALLIES - CARDINALINAE

Grayish Saltator	<i>Saltator coerulescens</i>		R	X
Buff-throated Saltator	<i>Saltator maximus</i>		R	X
Black-headed Saltator	<i>Saltator atriceps</i>		R	X
Black-faced Grosbeak	<i>Caryothraustes poliogaster</i>		R	X
Rose-breasted Grosbeak	<i>Pheucticus ludovicianus</i>		W	X
Blue-black Grosbeak	<i>Cyanocompsa cyanoides</i>		R	X
Blue Bunting	<i>Cyanocompsa parellina</i>	Rice Bird	R	MN
Blue Grosbeak	<i>Passerina caerulea</i>		WT	X
Indigo Bunting	<i>Passerina cyanea</i>		W	X

BLACKBIRDS AND ALLIES - ICTERIDAE

Melodious Blackbird	<i>Dives dives</i>		R	X
Black-cowled Oriole	<i>Icterus prothemelas</i>	Banana bird	R	X
Orchard Oriole	<i>Icterus spurius</i>	Banana bird	W	X
Baltimore Oriole	<i>Icterus galbula</i>	Northern Oriole, Banana bird	R	X
Yellow-billed Cacique	<i>Amblycercus holosericeus</i>	Bamboo Cracker	R	X
Montezuma Oropendola	<i>Psarocolius montezuma</i>	Yellow tail	R	MN

Appendix 2
Raw data bird transects

TABLE 1
TRANSECT GENERAL INFORMATION (Lee Jones)

Transect	Date	Time	Conditions
1. Water Pipe (upper)	7 Mar 03	05:45–06:45	partly cloudy, calm
2. Water Pipe (lower)	7 Mar 03	07:15–08:15	partly cloudy, calm
3. Tau Witz (forest)	8 Mar 03	05:45–06:45	mostly cloudy, brief rainshower just before start
4. Tau Witz (2 nd growth)	8 Mar 03	07:05–08:05	mostly cloudy, calm
5. Antelope Falls	9 Mar 03	05:45–06:45	partly cloudy, calm

TABLE 2
TRANSECT 1: UPPER WATER PIPE TRAIL

Species	No.	Point	Start	Finish	Status	H/S		
Blue-crowned Motmot	2	1	5:45		R	H	1 Great Tinamou	2
Keel-billed Motmot	1	1			R	H	2 Short-billed Pigeon	2
Spot-breasted Wren	1	1			R	H	3 Gray-fronted Dove	3
Gray-fronted Dove	1	1			R	H	4 White-crowned Parrot	2
Green Shrike-Vireo	1	1			R	H	5 Long-billed Hermit	2
Ivory-billed Woodcreeper	1	1			R	H	6 hummingbird sp.	2
Red-throated Ant-Tanager	1	1		5:55	R	H	7 Violaceous Trogon	2
Black-faced Antthrush	1	2	5:59		R	H	8 Blue-crowned Motmot	4
Long-billed Gnatwren	1	2			R	H	9 Keel-billed Motmot	1
Ivory-billed Woodcreeper	1	2			R	H	10 Keel-billed Toucan	1
Spot-breasted Wren	1	2			R	H	11 Northern Barred-Woodcreeper	1
Blue-crowned Motmot	1	2			R	H	12 Ivory-billed Woodcreeper	5
Tawny-crowned Greenlet	1	2			R	H	13 Dot-winged Antwren	3
Red-throated Ant-Tanager	2	2			R	H	14 Black-faced Antthrush	1
Dot-winged Antwren	3	2			R	H	15 Ochre-bellied Flycatcher	1
Violaceous Trogon	1	2		6:09	R	H	16 Northern Bentbill	1
unknown	1	3	6:11		R	H	17 Bright-rumped Attila	3
White-crowned Parrot	2	3			R	H	18 Thrush-like Schiffornis	1
Long-billed Hermit	1	3			R	H	19 Red-capped Manakin	1

Spot-breasted Wren	1	3		R	H	20 Tawny-crowned Greenlet	3
No. Barred-Woodcreeper	1	3	6:21	R	H	21 Lesser Greenlet	1
Lesser Greenlet	1	4	6:23	R	H	22 Green Shrike-Vireo	4
Spot-breasted Wren	1	4		R	H	23 Spot-breasted Wren	5
Gray-fronted Dove	1	4		R	H	24 White-breasted Wood-Wren	2
Blue-crowned Motmot	1	4		R	H	25 Long-billed Gnatwren	1
Tawny-crowned Greenlet	1	4		R	H	26 Tropical Gnatcatcher	1
Hooded Warbler	1	4		M	H	27 Hooded Warbler	1
Ivory-billed Woodcreeper	2	4		R	H	28 Red-crowned Ant-Tanager	1
Green Shrike-Vireo	1	4		R	H	29 Red-throated Ant-Tanager	3
White-breasted Wood-Wren	2	4		R	H	30 Black-faced Grosbeak	2
Long-billed Hermit	1	4		R	H	31 unknown	1
Great Tinamou	1	4		R	H		<u>63</u>
hummingbird sp.	1	4		R	H		
Keel-billed Toucan	1	4		R	H		
Bright-rumped Attila	2	4		R	S		
Thrush-like Schiffornis	1	4	6:33	R	H		
Tawny-crowned Greenlet	1	5	6:35	R	H		
Tropical Gnatcatcher	1	5		R	H		
Ivory-billed Woodcreeper	1	5		R	H		
Red-crowned Ant-Tanager	1	5		R	H		
Gray-fronted Dove	1	5		R	H		
Violaceous Trogon	1	5		R	H		
Green Shrike-Vireo	2	5		R	H		
Short-billed Pigeon	2	5		R	H		
hummingbird sp.	1	5		R	H		
Black-faced Grosbeak	2	5		R	H		
Bright-rumped Attila	1	5		R	H		
Ochre-bellied Flycatcher	1	5		R	H		
Spot-breasted Wren	1	5		R	H		
Red-capped Manakin	1	5		R	H		
Great Tinamou	1	5		R	H		
Northern Bentbill	1	5	6:45	R	H		

**TABLE 3
TRANSECT 2: LOWER WATER PIPE TRAIL**

Species	No.	Point	Start	Finish	Status	H/S		
Red-capped Manakin	3	1	7:15		R	H	1 Barred Forest-Falcon	2
Blue-black Grosbeak	2	1			R	H	2 Plain Chachalaca	1
Green Shrike-Vireo	2	1			R	H	3 Short-billed Pigeon	4
Black-faced Grosbeak	1	1			R	H	4 Gray-fronted Dove	2
Bright-rumped Attila	1	1			R	H	5 Gray-chested Dove	1
Yellow-bellied Tyrannulet	1	1			R	H	6 hummingbird sp.	1
Short-billed Pigeon	1	1			R	H	7 Violaceous Trogon	2
Pale-billed Woodpecker	1	1			R	H	8 Slaty-tailed Trogon	4
Plain Chachalaca	1	1			R	H	9 Blue-crowned Motmot	2
Slaty-tailed Trogon	1	1			R	H	10 Pale-billed Woodpecker	1
Barred Forest-Falcon	2	1			R	H	11 Yellow-bellied Tyrannulet	1
Black-throated Shrike-Tanager	1	1			R	H	12 Bright-rumped Attila	1
hummingbird sp.	1	1			R	H	13 Piratic Flycatcher	1
Blue-crowned Motmot	1	1			R	H	14 Rose-throated Becard	1
Violaceous Trogon	1	1			R	H	15 White-collared Manakin	1
White-collared Manakin	1	1	7:25		R	H	16 Red-capped Manakin	8
Slaty-tailed Trogon	1	2	7:27		R	H	17 Lesser Greenlet	7
White-breasted Wood-Wren	2	2			R	H	18 Green Shrike-Vireo	4
Blue-black Grosbeak	1	2			R	H	19 White-breasted Wood-Wren	3
Piratic Flycatcher	1	2			S	H	20 Black-throated Shrike-Tanager	1
Short-billed Pigeon	1	2			R	H	21 Red-throated Ant-Tanager	1
Red-capped Manakin	2	2			R	H	22 Black-faced Grosbeak	1
Lesser Greenlet	2	2			R	H	23 Blue-black Grosbeak	4
Green Shrike-Vireo	1	2			R	H		54
Gray-chested Dove	1	2			R	H		
Blue-crowned Motmot	1	2			R	H		
Gray-fronted Dove	1	2	7:37		R	H		
Lesser Greenlet	3	3	7:42		R	H		
Red-capped Manakin	2	3			R	H		
Slaty-tailed Trogon	1	3			R	H		
Green Shrike-Vireo	1	3			R	H		
Short-billed Pigeon	1	3			R	H		
Blue-black Grosbeak	1	3	7:52		R	H		
Lesser Greenlet	1	4	7:54		R	H		
Rose-throated Becard	1	4			R	H		
Short-billed Pigeon	1	4			R	H		
Violaceous Trogon	1	4	8:04		R	H		
Red-throated Ant-Tanager	1	5	8:05		R	H		
Red-capped Manakin	1	5			R	H		
Slaty-tailed Trogon	1	5			R	S		
White-breasted Wood-Wren	1	5			R	H		
Gray-fronted Dove	1	5			R	S		
Lesser Greenlet	1	5	8:15		R	H		

TABLE 4
TRANSECT 3: FORESTED END OF TAU WITZ TRAIL

Species	No.	Point	Start	Finish	Status	H/S		
Blue-crowned Motmot	1	1	5:45		R	H	1 Great Tinamou	1
Tody Motmot	1	1			R	H	2 Plain Chachalaca	2
Yellow-bellied Tyrannulet	2	1			R	H	3 Scaled Pigeon	1
Bright-rumped Attila	1	1			R	H	4 Short-billed Pigeon	2
Ivory-billed Woodcreeper	1	1		5:55	R	H	5 Blue Ground-Dove	1
Spot-breasted Wren	2	2	5:56		R	H	6 White-crowned Parrot	2
Plain Chachalaca	2	2			R	H	7 Mealy Parrot	4
Red-capped Manakin	1	2			R	H	Central American Pygmy-Owl?	1
Short-billed Pigeon	1	2			R	H	8 Black-and-white Owl	1
Black-and-white Owl	1	2			R	H	9 Long-billed Hermit	3
Dot-winged Antwren	2	2		6:06	R	H	10 Violaceous Trogon	1
Buff-throated Foliage-gleaner	2	3	6:08		R	H/S	11 Collared Trogon	1
Red-capped Manakin	1	3			R	H	12 Slaty-tailed Trogon	2
Blue-crowned Motmot	2	3			R	H	13 Tody Motmot	1
Kentucky Warbler	1	3			M	H	14 Blue-crowned Motmot	3
Blue Ground-Dove	1	3			R	H	15 Keel-billed Toucan	2
Collared Trogon	1	3			R	H	16 Lineated Woodpecker	1
Magnolia Warbler	1	3		6:18	M	H	17 Buff-throated Foliage-gleaner	2
Ivory-billed Woodcreeper	1	4	6:21		R	H	18 Ivory-billed Woodcreeper	2
White-crowned Parrot	2	4			R	H	19 Dot-winged Antwren	2
Mealy Parrot	4	4			R	H	20 Yellow-bellied Tyrannulet	2
Violaceous Trogon	1	4			R	H	21 Bright-rumped Attila	1
Long-billed Hermit	2	4			R	H	22 Red-capped Manakin	2
Lesser Greenlet	3	4			R	H	23 Lesser Greenlet	5
Slaty-tailed Trogon	1	4			R	H	24 Brown Jay	3
Keel-billed Toucan	2	4			R	H	25 Spot-breasted Wren	4
White-breasted Wood-Wren	1	4		6:31	R	H	26 White-breasted Wood-Wren	1
Kentucky Warbler	1	5	6:35		M	H	27 Magnolia Warbler	1
Short-billed Pigeon	1	5			R	H	28 Kentucky Warbler	2
Scaled Pigeon	1	5			R	H	29 Black-faced Grosbeak	<u>2</u>
Black-faced Grosbeak	2	5			R	H		58
Spot-breasted Wren	1	5			R	H		
Slaty-tailed Trogon	1	5			R	H		
Great Tinamou	1	5			R	H		
Lesser Greenlet	2	5			R	H		
Long-billed Hermit	1	5			R	H		
Central American Pygmy-Owl?	1	5			R	H		
Brown Jay	3	5			R	H		
Lineated Woodpecker	1	5			R	H		
Spot-breasted Wren	1	5		6:45	R	H		

TABLE 5
TRANSECT 4: 2ND GROWTH NEAR BEGINNING OF TAU WITZ TRAIL

Species	No.	Point	Start	Finish	Status	H/S		
Plain Chachalaca	8	1	7:05		R	H	1 Little Tinamou	2
Tawny-crowned Greenlet	1	1			R	H	2 Plain Chachalaca	8
Wood Thrush	1	1			M	H	3 Short-billed Pigeon	1
Lesser Greenlet	2	1			R	H	4 Gray-fronted Dove	5
Orange-billed Sparrow	1	1			R	H	5 Gray-chested Dove	4
Gray-fronted Dove	2	1			R	H	6 White-crowned Parrot	1
Spot-breasted Wren	1	1			R	H	7 Mealy Parrot	2
Bright-rumped Attila	2	1			R	H	8 Long-billed Hermit	1
hummingbird sp.	2	1			R	H	9 Rufous-tailed Hummingbird	4
Gray Catbird	1	1			M	H	hummingbird sp.	3
Yellow-billed Cacique	2	1			R	H	10 Black-headed Trogon	1
Short-billed Pigeon	1	1			R	H	11 Violaceous Trogon	1
Ivory-billed Woodcreeper	1	1			R	S	12 Slaty-tailed Trogon	1
Brown Jay	2	1			R	H	13 Collared Aracari	2
Black-headed Saltator	2	1			R	H	14 Keel-billed Toucan	2
Rufous-tailed Hummingbird	1	1			R	H	15 Golden-olive Woodpecker	1
Pale-billed Woodpecker	1	1			R	H	16 Pale-billed Woodpecker	1
Black-faced Antthrush	2	1			R	H	woodpecker sp.	1
Little Tinamou	1	1		7:15	R	H	17 Buff-throated Foliage-gleaner	2
Gray-chested Dove	1	2	7:16		R	H	18 Ivory-billed Woodcreeper	1
Red-throated Ant-Tanager	3	2			R	H	19 Dusky Antbird	1
Mealy Parrot	2	2			R	H	20 Black-faced Antthrush	4
Rufous-tailed Hummingbird	1	2			R	H	21 Northern Bentbill	1
Yellow-bellied Flycatcher	1	2			R	H	22 Stub-tailed Spadebill	1
Golden-olive Woodpecker	1	2			R	H	23 Yellow-bellied Flycatcher	1
Lesser Greenlet	3	2			R	H	24 Bright-rumped Attila	2
Wood Thrush	1	2			M	H	25 Boat-billed Flycatcher	2
Orange-billed Sparrow	1	2			R	H	26 Thrush-like Schiffornis	1
Green Jay	1	2			R	H	27 tityra sp.	1
Spot-breasted Wren	1	2			R	H	28 Tawny-crowned Greenlet	1
Buff-throated Foliage-gleaner	1	2			R	H	29 Lesser Greenlet	7
Slaty-tailed Trogon	1	2			R	H	30 Green Jay	1
Long-billed Hermit	1	2			R	H	31 Brown Jay	3
Black-headed Trogon	1	2			R	H	32 Spot-breasted Wren	4
Violaceous Trogon	1	2			R	H	33 White-breasted Wood-Wren	1
Little Tinamou	1	2		7:26	R	H	34 Wood Thrush	2
Buff-throated Foliage-gleaner	1	3	7:28		R	H	35 Gray Catbird	6
Rufous-tailed Hummingbird	2	3			R	H	36 Kentucky Warbler	1
Gray-fronted Dove	1	3			R	H	37 Red-throated Ant-Tanager	3
Yellow-billed Cacique	2	3			R	H	38 Yellow-throated Euphonia	2
Northern Bentbill	1	3			R	H	39 Orange-billed Sparrow	2
Lesser Greenlet	2	3			R	H	40 Black-headed Saltator	4
Black-faced Antthrush	1	3			R	H	41 Yellow-billed Cacique	4

Gray-chested Dove	1	3		R	H
Yellow-throated Euphonia	2	3		R	H
Gray Catbird	2	3		M	H
Collared Aracari	1	3		R	H
tityra sp.	1	3	7:38	R	H
Gray-fronted Dove	1	4	7:41	R	H
Spot-breasted Wren	1	4		R	H
Gray Catbird	3	4		M	H
Collared Aracari	1	4		R	S
Black-faced Antthrush	1	4		R	H
Black-headed Saltator	2	4		R	H
Stub-tailed Spadebill	1	4		R	H
Kentucky Warbler	1	4	7:51	M	H
Keel-billed Toucan	2	5	7:55	R	H
Boat-billed Flycatcher	2	5		R	H
Brown Jay	1	5		R	S
Thrush-like Schiffornis	1	5		R	H
hummingbird sp.	1	5		R	H
Dusky Antbird	1	5		R	H
Spot-breasted Wren	1	5		R	H
White-crowned Parrot	1	5		R	H
White-breasted Wood-Wren	1	5		R	H
Gray-chested Dove	2	5		R	H
Gray-fronted Dove	1	5		R	H
woodpecker sp.	1	5	8:05	R	H

TABLE 6
TRANSECT 5: RIDGE ABOVE ANTELOPE FALLS

Species	No.	Point	Start	Finish	Status	H/S		
Crested Guan	1	1	5:45		R	H	1 Great Tinamou	2
Blue-crowned Motmot	1	1			R	H	2 Crested Guan	1
Thrush-like Schiffornis	1	1		5:55	R	H	3 Scaled Pigeon	2
Bright-rumped Attila	1	2	5:57		R	H	4 Short-billed Pigeon	1
Brown Jay	2	2			R	H	5 White-crowned Parrot	1
Hooded Warbler	1	2			M	H	6 Long-billed Hermit	3
Long-billed Hermit	1	2			R	H	7 hummingbird sp.	2
Lesser Greenlet	3	2			R	H	8 Black-headed Trogon	1
Wood Thrush	1	2			M	H	9 Violaceous Trogon	3
hummingbird sp.	1	2			R	H	10 Collared Trogon	1
Violaceous Trogon	1	2		6:07	R	H	11 Slaty-tailed Trogon	2
Long-billed Hermit	2	3	6:09		R	H	12 Blue-crowned Motmot	1
White-breasted Wood-Wren	1	3			R	H	13 Collared Aracari	1
Great Tinamou	1	3			R	H	14 Plain Xenops	1
Thrush-like Schiffornis	1	3			R	H	15 Yellow-bellied Flycatcher	1
Violaceous Trogon	1	3			R	H	16 Bright-rumped Attila	1
Scaled Pigeon	1	3			R	H	17 Thrush-like Schiffornis	3
Hooded Warbler	1	3			M	H	18 Red-capped Manakin	6
Slaty-tailed Trogon	1	3			R	H	19 Lesser Greenlet	7
Lesser Greenlet	1	3			R	H	20 Brown Jay	4
Black-headed Trogon	1	3			R	H	21 White-breasted Wood-Wren	1
Brown Jay	2	3			R	H	22 Wood Thrush	1
Yellow-bellied Flycatcher	1	3		6:19	M	H	23 Hooded Warbler	2
Lesser Greenlet	2	4	6:22		R	H		48
Red-capped Manakin	2	4			R	H		
Short-billed Pigeon	1	4			R	H		
hummingbird sp.	1	4			R	H		
Violaceous Trogon	1	4			R	H		
White-crowned Parrot	1	4			R	H		
Collared Aracari	1	4			R	H		
Collared Trogon	1	4			R	H		
Great Tinamou	1	4			R	H		
Thrush-like Schiffornis	1	4		6:32	R	H		
Red-capped Manakin	4	5	6:35		R	H		
Slaty-tailed Trogon	1	5			R	H		
Plain Xenops	1	5			R	H		
Scaled Pigeon	1	5			R	H		
Lesser Greenlet	1	5		6:45	R	H		

TABLE 7
RESULTS OF TRANSECT SURVEYS, 7-9 MARCH 2003

Species	Transect					Total
	1	2	3	4	5	
Great Tinamou <i>Tinamus major</i>	2		1		2	5
Little Tinamou <i>Crypturellus soui</i>				2		2
Barred Forest-Falcon <i>Micrastur ruficollis</i>		2				2
Plain Chachalaca <i>Ortalis vetula</i>		1	2	8		11
Crested Guan <i>Penelope purpurascens</i>					1	1
Scaled Pigeon <i>Columba speciosa</i>			1		2	3
Short-billed Pigeon <i>Columba nigrirostris</i>	2	4	2	1	1	10
Blue Ground-Dove <i>Claravis pretiosa</i>			1			1
Gray-fronted Dove <i>Leptotila rufaxilla</i>	3	2		5		10
Gray-chested Dove <i>Leptotila cassini</i>		1		4		5
White-crowned Parrot <i>Pionus senilis</i>	2		2	1	1	6
Mealy Parrot <i>Amazona farinosa</i>			4	2		6
Central American Pygmy-Owl <i>Glaucidium griseiceps?</i>			1			1
Black-and-white Owl <i>Ciccaba nigrolineata</i>			1			1
Long-billed Hermit <i>Phaethornis [superciliosus] longirostris</i>	2		3	1	3	9
Rufous-tailed Hummingbird <i>Amazilia tzacatl</i>				4		4
hummingbird sp. (not <i>Phaethornis</i>)	2	1		3	2	8
Black-headed Trogon <i>Trogon melanocephalus</i>				1	1	2
Violaceous Trogon <i>Trogon violaceus</i>	2	2	1	1	3	9
Collared Trogon <i>Trogon collaris</i>			1		1	2
Slaty-tailed Trogon <i>Trogon massena</i>		4	2	1	2	9
Tody Motmot <i>Hylomanes momotula</i>			1			1
Blue-crowned Motmot <i>Momotus momota</i>	4	2	3		1	10
Keel-billed Motmot <i>Electron carinatum</i>	1					1
Collared Aracari <i>Aulacorhynchus prasinus</i>				2	1	3
Keel-billed Toucan <i>Ramphastos sulfuratus</i>	1		2	2		5
Golden-olive Woodpecker <i>Piculus rubiginosus</i>				1		1
Lineated Woodpecker <i>Dryocopus lineatus</i>			1			1
Pale-billed Woodpecker <i>Campephilus guatemalensis</i>		1		1		2
woodpecker sp. (tapping at trunk; unseen)				1		1
Buff-throated Foliage-gleaner <i>Automolus ochrolaemus</i>			2	2		4
Plain Xenops <i>Xenops minutus</i>					1	1
Northern Barred-Woodcreeper <i>Dendrocolaptes sanctithomae</i>	1					1
Ivory-billed Woodcreeper <i>Xiphorhynchus flavigaster</i>	5		2	1		8
Dot-winged Antwren <i>Microrhoppias quixensis</i>	3		2			5
Dusky Antbird <i>Cercomacra tyrannina</i>				1		1
Black-faced Antthrush <i>Formicarius analis</i>	1			4		5
Yellow-bellied Tyrannulet <i>Ornithion semiflavum</i>		1	2			3

Species	Transect					Total
	1	2	3	4	5	
Ochre-bellied Flycatcher <i>Mionectes oleagineus</i>	1					1
Northern Bentbill <i>Oncostoma cinereigulare</i>	1			1		2
Stub-tailed Spadebill <i>Platyrinchus cancrominus</i>				1		1
Yellow-bellied Flycatcher <i>Empidonax flaviventris</i>				1	1	2
Bright-rumped Attila <i>Attila spadiceus</i>	3	1	1	2	1	8
Boat-billed Flycatcher <i>Megarynchus pitangua</i>				2		2
Piratic Flycatcher <i>Legatus leucophauius</i>		1				1
Thrush-like Schiffornis <i>Schiffornis turdinus</i>	1			1	3	5
Rose-throated Becard <i>Pachyramphus aglaiae</i>		1				1
tityra sp. <i>Tityra</i> sp.				1		1
White-collared Manakin <i>Manacus candei</i>		1				1
Red-capped Manakin <i>Pipra mentalis</i>	1	8	2		6	17
Tawny-crowned Greenlet <i>Hylophilus ochraceiceps</i>	3			1		4
Lesser Greenlet <i>Hylophilus decurtatus</i>	1	7	5	7	7	27
Green Shrike-Vireo <i>Vireolanius pulchellus</i>	4	4				8
Green Jay <i>Cyanocorax yncas</i>				1		1
Brown Jay <i>Cyanocorax morio</i>			3	3	4	10
Spot-breasted Wren <i>Thryothorus maculipectus</i>	5		4	4		13
White-breasted Wood-Wren <i>Henicorhina leucosticta</i>	2	3	1	1	1	8
Long-billed Gnatwren <i>Ramphocaenus melanurus</i>	1					1
Tropical Gnatcatcher <i>Polioptila plumbea</i>	1					1
Wood Thrush <i>Hylocichla mustelina</i>				2	1	3
Gray Catbird <i>Dumetella carolinensis</i>				6		6
Magnolia Warbler <i>Dendroica magnolia</i>			1			1
Kentucky Warbler <i>Oporornis formosus</i>			2	1		3
Hooded Warbler <i>Wilsonia citrina</i>	1				2	3
Black-throated Shrike-Tanager <i>Lanio aurantius</i>		1				1
Red-crowned Ant-Tanager <i>Habia rubica</i>	1					1
Red-throated Ant-Tanager <i>Habia fuscicauda</i>	3	1		3		7
Yellow-throated Euphonia <i>Euphonia hirundinacea</i>				2		2
Orange-billed Sparrow <i>Arremon aurantirostris</i>				2		2
Black-headed Saltator <i>Saltator atriceps</i>				4		4
Black-faced Grosbeak <i>Caryothraustes poliogaster</i>	2	1	2			5
Blue-black Grosbeak <i>Cyanocompsa cyanoides</i>		4				4
Yellow-billed Cacique <i>Amblycercus holosericeus</i>				4		4
unrecognized bird call (none of the above)	1					1
Total Individuals:	63	54	58	99	48	322
Total Species:	31	23	29	41	23	70

TABLE 8
COMPARISON OF TRANSECT SURVEYS

Species	Jones		Herrera	
	# Trans	# Sta	# Trans	# Sta
Great Tinamou <i>Tinamus major</i>	3	3	2	3
Little Tinamou <i>Crypturellus soui</i>	1	2		
Slaty-breasted Tinamou <i>Crypturellus boucardi</i>			1	1
Turkey Vulture <i>Cathartes aura</i>			1	1
Barred Forest-Falcon <i>Micrastur ruficollis</i>	1	1		
Bat Falcon <i>Falco ruficularis</i>			1	1
Plain Chachalaca <i>Ortalis vetula</i>	3	3	2	3
Crested Guan <i>Penelope purpurascens</i>	1	1		
Pale-vented Pigeon <i>Columba cayennensis</i>			1	1
Scaled Pigeon <i>Columba speciosa</i>	2	3		
Short-billed Pigeon <i>Columba nigrirostris</i>	5	8	3	5
Blue Ground-Dove <i>Claravis pretiosa</i>	1	1		
Gray-fronted Dove <i>Leptotila rufaxilla</i>	3	9	1	3
Gray-chested Dove <i>Leptotila cassini</i>	2	4		
Olive-throated Parakeet <i>Aratinga nana</i>			2	3
Brown-hooded Parrot <i>Pionopsitta haematotis</i>			2	2
White-crowned Parrot <i>Pionus senilis</i>	4	4		
Mealy Parrot <i>Amazona farinosa</i>	2	2	2	3
Squirrel Cuckoo <i>Piaya cayana</i>			1	1
Central American Pygmy-Owl <i>Glaucidium griseiceps?</i>	1?	1?		
Ferruginous Pygmy-Owl <i>Glaucidium brasilianum</i>			1	1
Black-and-white Owl <i>Ciccaba nigrolineata</i>	1	1		
Vaux's Swift <i>Chaetura vauxi</i>			1	1
Long-billed Hermit <i>Phaethornis [superciliosus] longirostris</i>	4	7	1	1
Stripe-throated Hermit <i>Phaethornis striigularis</i>			3	3
White-bellied Emerald <i>Amazilia candida</i>			2	2
Rufous-tailed Hummingbird <i>Amazilia tzacatl</i>	1	3	2	5
hummingbird sp. (not <i>Phaethornis</i>)	4	7	1	1
Black-headed Trogon <i>Trogon melanocephalus</i>	2	2	4	8
Violaceous Trogon <i>Trogon violaceus</i>	5	9	2	4
Collared Trogon <i>Trogon collaris</i>	2	2		
Slaty-tailed Trogon <i>Trogon massena</i>	4	9	3	5
Tody Motmot <i>Hylomanes momotula</i>	1	1		
Blue-crowned Motmot <i>Momotus momota</i>	4	7	2	3
Keel-billed Motmot <i>Electron carinatum</i>	1	2		
Collared Aracari <i>Aulacorhynchus prasinus</i>	2	3	1	1
Keel-billed Toucan <i>Ramphastos sulfuratus</i>	3	3	4	7
Golden-olive Woodpecker <i>Piculus rubiginosus</i>	1	1		

Chestnut-colored Woodpecker <i>Celeus castaneus</i>			1	1
Lineated Woodpecker <i>Dryocopus lineatus</i>	1	1	1	1
Pale-billed Woodpecker <i>Campephilus guatemalensis</i>	2	2		
woodpecker sp. (tapping at trunk; unseen)	1	1		
Buff-throated Foliage-gleaner <i>Automolus ochrolaemus</i>	2	3	1	1
Plain Xenops <i>Xenops minutus</i>	1	1		
Ruddy Woodcreeper <i>Dendrocincla homochroa</i>			1	1
Northern Barred-Woodcreeper <i>Dendrocolaptes sanctithomae</i>	1	1		
Ivory-billed Woodcreeper <i>Xiphorhynchus flavigaster</i>	3	7	2	6
Dot-winged Antwren <i>Microrhopias quixensis</i>	2	2	2	3
Dusky Antbird <i>Cercomacra tyrannina</i>	1	1	1	1
Black-faced Antthrush <i>Formicarius analis</i>	2	4	2	3
Yellow-bellied Tyrannulet <i>Ornithion semiflavum</i>	2	2		
Greenish Elaenia <i>Myiopagis viridicata</i>			1	2
Ochre-bellied Flycatcher <i>Mionectes oleagineus</i>	1	1		
Northern Bentbill <i>Oncostoma cinereigulare</i>	2	2	3	5
Yellow-olive Flycatcher <i>Tolmomyias sulphureus</i>			2	2
Stub-tailed Spadebill <i>Platyrinchus cancrominus</i>	1	1	1	1
Yellow-bellied Flycatcher <i>Empidonax flaviventris</i>	2	2		
Least Flycatcher <i>Empidonax minimus</i>			1	1
Bright-rumped Attila <i>Attila spadiceus</i>	5	6	3	5
Dusky-capped Flycatcher <i>Myiarchus tuberculifer</i>			2	3
Boat-billed Flycatcher <i>Megarynchus pitangua</i>	1	1	3	3
Piratic Flycatcher <i>Legatus leucophaeus</i>	1	1		
Thrush-like Schiffornis <i>Schiffornis turdinus</i>	3	5	5	7
Rose-throated Becard <i>Pachyramphus aglaiae</i>	1	1	1	1
Masked Tityra <i>Tityra semifasciata</i>	1	1	1	1
White-collared Manakin <i>Manacus candei</i>	1	1	3	4
Red-capped Manakin <i>Pipra mentalis</i>	4	9	3	4
Tawny-crowned Greenlet <i>Hylophilus ochraceiceps</i>	2	4		
White-eyed Vireo <i>Vireo griseus</i>			2	2
Lesser Greenlet <i>Hylophilus decurtatus</i>	5	15	4	9
Green Shrike-Vireo <i>Vireolanius pulchellus</i>	2	6		
Green Jay <i>Cyanocorax yncas</i>	1	1		
Brown Jay <i>Cyanocorax morio</i>	3	5	3	5
Spot-breasted Wren <i>Thryothorus maculipectus</i>	3	12	5	10
White-breasted Wood-Wren <i>Henicorhina leucosticta</i>	5	6	4	6
Long-billed Gnatwren <i>Ramphocaenus melanurus</i>	1	1	1	1
Tropical Gnatcatcher <i>Polioptila plumbea</i>	1	1		
Wood Thrush <i>Hylocichla mustelina</i>	2	3	1	2
White-throated Robin <i>Turdus assimilis</i>			1	1
Gray Catbird <i>Dumetella carolinensis</i>	1	3	1	3
Magnolia Warbler <i>Dendroica magnolia</i>	1	1	3	7
Black-and-white Warbler <i>Mniotilta varia</i>			2	2

American Redstart <i>Setophaga ruticilla</i>			3	3
Kentucky Warbler <i>Oporornis formosus</i>	2	3		
Hooded Warbler <i>Wilsonia citrina</i>	2	3	4	4
Black-throated Shrike-Tanager <i>Lanio aurantius</i>	1	1		
Red-crowned Ant-Tanager <i>Habia rubica</i>	1	1	2	2
Red-throated Ant-Tanager <i>Habia fuscicauda</i>	3	4	5	12
Yellow-throated Euphonia <i>Euphonia hirundinacea</i>	1	1	3	6
Red-legged Honeycreeper <i>Cyanerpes cyaneus</i>			3	4
Orange-billed Sparrow <i>Arremon aurantirostris</i>	1	2		
Black-headed Saltator <i>Saltator atriceps</i>	1	2		
Black-faced Grosbeak <i>Caryothraustes poliogaster</i>	3	3	1	1
Blue-black Grosbeak <i>Cyanocompsa cyanoides</i>	1	3	3	4
Black-cowled Oriole <i>Icterus prothemelas</i>			1	1
Yellow-billed Caciue <i>Amblycercus holosericeus</i>	1	2		

**TABLE 9
COMPARISON OF MOST FREQUENTLY RECORDED SPECIES**

Species Recorded on Four or More Transects		Species Recorded at Eight or More Stations	
Jones	Herrera	Jones	Herrera
5	5	Lesser Greenlet (15)	Red-throated Ant-Tanager (12)
Short-billed Pigeon	Thrush-like Schiffornis	Spot-breasted Wren (12)	Spot-breasted Wren (10)
Violaceous Trogon	Spot-breasted Wren	Gray-fronted Dove (9)	Lesser Greenlet (9)
Bright-rumped Attila	Red-throated Ant-Tanager	Violaceous Trogon (9)	Black-headed Trogon (8)
Lesser Greenlet	4	Slaty-tailed Trogon (9)	
White-breasted Wood-Wren	Black-headed Trogon	Red-capped Manakin (9)	
4	Keel-billed Toucan	Short-billed Pigeon (8)	
White-crowned Parrot	Lesser Greenlet		
Long-billed Hermit	White-breasted Wood-Wren?		
hummingbird sp. (not a hermit)	Hooded Warbler		
Slaty-tailed Trogon			
Blue-crowned Motmot			
Red-capped Manakin			

RECORDING METHOD: C = CALL, S = SEEN.						
Transect Crest A: Top Waterpipe Trail						
SPECIES	24/02/03	POINT	TIME STARTED	TIME FINISHED	STATUS	REC. METH.
Spot-breasted Wren		#1	1330hrs		R	C
Red-throated ant-tanager					R	C
White-eyed Virio					R	C
Ruddy Wood Creeper					R	S
White-collared Manakin					R	C
Long-billed Gnatwren					R	C
White-breasted Woodwren					R	C
Red-capped Manakin					R	C
Yellow-olive Flycatcher				1340hrs	R	C
Turkey Vulture		#2	1342hrs		R	S
hummingbird Spp						C
Red-legged Honeycreeper				1352hrs	R	C
Hooded Warbler		#3	1355hrs		R	C
Thrushlike Shiffornis					R	C
Spot-breasted Wren					R	C
Red-throated Ant-tanager					R	C
Dot-winged Antwren				1405hrs	R	S
Red-throated Ant-tanager		#4	1407hrs		R	C
White-bellied Emerald					R	S
Dot-winged Antwren				1417hrs	R	S
Spot-breasted Wren		#5	1420hrs		R	S
Blue-crowned Mot-Mot					R	C
American Redstart					M	S
Red-throated Ant-tanager					R	C
Great Tinamou					R	C
White-throated Robin				1430hrs	R	C
Total time spent on Transect	1hr					
Total Migrant spp		2				
Total resident spp		17				
Total individual Birds on Transect		26				

TRANSECT SLOPE A: WATERPIPE TRAIL (HERRERA)						
SPECIES	24/02/03	POINT	TIME STARTED	TIME FINISH	STATUS	RECORDING METHOD
Bright-rumped Atilla		#5	1600hrs		R	C
Short-billed Pigeon					R	C
Spot-breasted Wren					R	C
Blue-black Grossbeak					R	C
Red-legged Honeycreeper					R	C
Black-faced Grossbeak				1610hrs	R	C
Red-throated Ant-tanager		#4	1615hrs		R	C
Lesser Greenlet					R	C
Thrushlike Shiffornis					R	C
Squirrel Cuckoo					R	C
Magnolia Warbler				1625hrs	M	C
Dusky-capped Flycatcher		#3	1630hrs		R	C
Black-headed Trogon					R	C
Olive-throated Parrakeet					R	C
Red-legged Honeycreeper				1640hrs	R	C
Magnolia Warbler		#2	1643hrs		M	S
Blue-black Grossbeak					R	C
Nerthern Bentbill					R	C
Short-billed Pigeon					R	C
Dusky-capped Flycatcher					R	C
Red-throated Ant-tanager					R	C
Lesser Greenlet					R	C
Yellow-throated Euphonia					R	C
Empidonax spp						C
Buff-throated Foleage-gleaner				1653hrs	R	C
Long-tailed Hermit		#1	1658hrs		R	C
American Redstart					M	S
Boat-billed Flycatcher					R	C
Lesser Greenlet					R	C
Brown Jay					R	C
Slaty-breasted Tinamou					R	C
Yellow-throated Euphonia					R	C
Keel-billed Toucan					R	C
White-bellied Emerald				1708hrs	R	C
Total time spent on transect		1hr				
Total migrant spp		2				
Total resident spp		25				
Total Individual Birds on transect		33				

Transect Lowland A: Gmelina forest (Herrera)						
SPECIES	25/02/03	POINT	TIME STARTED	TIME FINISH	STATUS	RECORDING METHOD
CommonParaque		#1	0457hrs		R	C
vermiculated Screech-owl					R	C
Blue-crowned Mot-mot					R	C
Red-throated Ant-tanager					R	C
Bright-rumped Atilla					R	C
Clay-collared Thrush					R	C
Buff-throated Foleage-gleaner					R	C
Boat-billed Flycatcher					R	C
Ticket Tinamou					R	C
White-bellied Emerald					R	C
Ivory-billed Woodcreeper					R	C
Woodthrush					M	C
Mexican Antthrush					R	C
Spot-breasted Wren					R	C
Thrushlike Shiffornis					R	C
Empidonax spp						C
Collared Aracari					R	C
Short-billed Pigeon				0507hrs	R	C
Slaty-tailed Trogon		#2	0510hrs		R	C
Blue-crowned Mot-mot					R	C
Greenish Elaenia					R	C
Magnolia Warbler					M	C
Thrushlike Shiffornis					R	C
Mexican Antthrush					R	C
White-bellied Emerald					R	C
Grey-headed Dove					R	C
Boat-billed Flycatcher					R	C
Yellow-throated Euphonia					R	C
Buff-throated Foleage-gleaner					R	C
Spot-breasted Wren					R	C
Black-headed Trogon					R	C
Red-throated Ant-tanager					R	C
White-bellied Emerald					R	C
Brown-hooded Parrot					R	C
Mexican Antthrush				0520hrs	R	C
Ivory-billed Woodcreeper		#3	0618hrs		R	C
Blue-crowned Mot-mot					R	C
Bright-rumped Atilla					R	C
Yellow-throated Euphonia					R	C
American Redstart					M	C
Black-headed Trogon					R	C
Ticket Tinamou					R	C
Grey-headed Dove					R	C
Red-legged Honeycreeper					R	C
Black-headed Trogon					R	C
Spot-breasted Wren					R	C
Red-throated Ant-tanager					R	C
Brown Jay					R	C
Empidonax spp						C

Ovenbird			0628hrs	M	C
Brown Jay	#4	0630hrs		R	C
Masked Tityra				R	C
Mexican Antthrush				R	C
Orange-billed sparrow				R	C
Dusky-capped Flycatcher				R	C
Buff-throated Foleage-gleaner				R	C
Spot-breasted Wren				R	C
Squirrel Cuckoo				R	C
Olive-throated Parakeet				R	C
Blue-ground Dove				R	C
White-breasted Woodwren				R	C
Lesser Greenlet				R	C
Woodthrush				M	C
Greenish Elaenia				R	C
Clay-collared Thrush				R	C
Slaty-tailed Trogon				R	C
Golden-fronted Woodpecker				R	C
Slaty-breasted Tinamou			0640hrs	R	C
Northern Waterthrush	#5	0645hrs		R	C
Masked Tityra				R	C
Magnolia Warbler				M	C
Red-throated Ant-tanager				R	C
Spot-breasted Wren				R	C
Black-headed Trogon				R	C
Lesser Greenlet				R	C
Yellow-throated Euphonia				R	C
Brown-crested Flycatcher				R	C
Clay-collared Thrush				R	C
Orange-billed sparrow				R	C
Greenish Elaenia				R	C
Thrushlike Shiffornis				R	C
Slaty-tailed Trogon				R	C
Buff-throated Foleage-gleaner				R	C
White-bellied Emerald				R	C
Golden-fronted Woodpecker			0655hrs	R	C
Total time spent on transect	58mins				
Total Migrant	4				
Total Resident	43				
Total Individual Birds on transect	85				

Transect Crest B: Above Antelope falls (Herrera)						
SPECIES	25/02/03	POINT	TIME START	TIME FINISH	STATUS	RECORDING METHOD
Violaceous Trogor		#5	1535hrs		R	C
Thrushlike Shiffornis					R	C
Lesser Greenlet					R	C
Black-headed Trogon					R	C
Keel-billed Toucan					R	C
Great Tinamou					R	C
Red-capped Manakin				1545hrs	R	C
Masked Tityra		#4	1547hrs		R	S
Thrushlike Shiffornis					R	S
White-eyed Virio					R	C
Blue-black Grossbeak					R	C
Red-throated Ant-tanager				1557hrs	R	C
White-breasted Woodwren		#3	1559hrs		R	C
Slaty-tailed Trogon					R	C
Keel-billed Toucan					R	C
Hooded Warbler					M	C
Black-and-white Warbler				1609hrs	M	S
Spot-breasted Wren		#2	1610hrs		R	C
Little Hermit					R	S
Red-crowned Ant-tanager					R	C
Black-headed Trogon					R	C
Keel-billed Toucan				1620hrs	R	C
Great Tinamou		#1	1622hrs	1632hrs	R	C
Total time spent on transect	58mins					
Total migrant spp	2					
Total Resident spp	16					
Total individual Birds	22					

TRANSECT SLOPE B: WATERPIPE TRAIL (HERRERA)						
SPECIES	26/02/03	POINT	TIME STARTED	TIME FINISH	STATUS	RECORDING METHOD
Bright-rumped Atilla		#5	0555hrs		R	C
Blue-crowned Mot-Mot					R	C
Brown Jay					R	C
Ferruginous Pigmy-owl					R	C
Plain Chachalaca					R	C
Rufous-tailed Hummingbird				0605hrs	R	C
Chesnut-collared Wood-pecker		#4	0607hrs		R	C
Yellow-throated Euphonia					R	C
White-collared Manakin					R	C
Slaty-tailed Trogon					R	C
Ivory-billed Wood-creeper					R	C
Rufous-tailed Hummingbird					R	S
Bright-rumped Atilla					R	C
Keel-billed Toucan					R	C
Least Flycatcher					M	C
Spot-breasted Wren					R	C
Magnolia Warbler					M	S
Mealy Parrot				0617hrs	R	C
Northern Bentbill		#3	0620hrs		R	C
Dot-winged Antwren					R	C
Mexican Antthrush					R	C
Red-capped Manakin					R	C
Collared-Aracari					R	S
Short-billed Pigeon					R	C
Thrushlike Shiffornis					R	C
Blue-black Grossbeak					R	C
Rose-throated Becard					R	C
Brown Jay					R	C
Mealy Parrot					R	C
Keel-billed Toucan					R	S
Ivory-billed Wood-creeper					R	S
Rufous-tailed Hummingbird					R	C
Red-throated Ant-tanager					R	C
Mexican Antthrush				0630hrs	R	C
Northern Bentbill		#2	0635hrs		R	C
Blue-crowned Mot-Mot					R	C
Lineated Woodpecker					R	C
Slaty-tailed Trogon					R	C

Brown-hooded Parrot				R	C
Spot-breasted Wren				R	C
Pale-vented Pigeon				R	C
Boat-billed Flycatcher				R	C
Yellow-throated Euphonia				R	C
Hooded Warbler				M	C
Rufous-tailed Hummingbird				R	C
Little Hermit				R	S
Red-throated Ant-tanager				R	C
White-breasted woodwren			0645hrs	R	C
Northern Bentbill	#1	0648hrs		R	C
Lesser Greenlet				R	C
Dusky-capped Flycatcher				R	C
Black-headed Trogon				R	C
Bright-rumped Atilla				R	C
Short-billed Pigeon				R	C
Black-cowled Oriole				R	C
Red-capped Manakin				R	C
White-collared Manakin			0658hrs	R	C
Total time spent on transect					
Total migrant					
Total Resident					
Total individual birds on transect					

TRANSECT LOWLAND B: TAU WITZ TRAIL (HERRERA)						
SPICES	25/02/03	POINT	TIME STARTED	TIME FINISH	STATUS	RECORDING METHOD
Plain Chachalaca		#1	0720hrs		R	C
Empidonax spp						C
Short-billed Pigeon					R	C
Ivory-billed Wood-creeper					R	C
Violaceous Trogon					R	C
White-breasted woodwren					R	C
Red-throated Ant-tanager					R	C
Magnolia Warbler					M	C
Lesser Greenlet					R	C
Yellow-olive Flycatcher					R	C
Black-headed Trogon					R	C
Brown Jay					R	C
Brown-hooded Parrot					R	C
Bright-rumped Atilla					R	C
Bat Falcon				0730hrs	R	C
Boat-billed Flycatcher		#2	0731hrs		R	C
Grey-headed Dove					R	C
Brown Jay					R	C
White-breasted woodwren					R	C
Olive-throated Parakeet					R	C
Spot-breasted Wren					R	C
Lesser Greenlet					R	C
Black-headed Trogon					R	C
Plain Chachalaca					R	C
Yellow-throated Euphonia					R	C
Violaceous Trogon					R	C
Mealy Parrot					R	C
Red-legged Honeycreeper					R	C
Magnolia Warbler				0741hrs	M	C
Gray Catbird		#3	0742hrs		M	C
Spot-breasted Wren					R	C
Woodthrush					M	C
Grey-headed Dove					R	C
Black-and-white Warbler					M	C
Black-headed Trogon					R	C
American Redstart					M	C
Mognolia Warbler					M	C
Lesser Greenlet					R	C
Keel-billed Toucan					R	C

Rufous-tailed hummingbird				R	S
Slaty-tailed Trogon				R	C
Ivory-billed Wood-creeper			0752hrs	R	C
Greenish Elaenia	#4	0755hrs		R	C
Grey-headed Dove				R	C
Black-headed Trogon				R	C
Violaceous Trogon				R	C
White-breasted woodwren				R	C
Thrushlike Shiffornis				R	C
Magnolia Warbler				M	C
Gray Catbird				M	C
Woodthrush				M	C
Red-throated Ant-tanager				R	C
White-collared Manakin				R	C
Olive-throated Parakeet				R	C
Yellow-throated Euphonia				R	C
Squirrel Cuckoo				R	C
Ivory-billed Wood-creeper				R	C
Red-crowned Ant-tanager				R	C
Vaux's Swift			0705hrs	R	S
Stub-tailed Spadebill	# 5	0810hrs		R	C
Greenish Elaenia				R	C
Gray Catbird				M	C
Red-throated Ant-tanager				R	C
White-breasted woodwren				R	C
Northern Bentbill				R	C
Hooded Warbler				M	C
Ivory-billed Wood-creeper				R	C
Thrushlike Shiffornis				R	C
Lesser Greenlet				R	C
Dusky Antbird				R	C
Mexican Anttrush				R	C
Slaty-tailed Trogon				R	C
Little Hermit			0820hrs	R	C
Total time spent on transect					
Total migrant spp					
Total resident spp					
Total individual birds on transect					

Appendix 3 Raw data Invertebrates

Arachnaceae	<i>Spiders</i>	<i>Brachypelma vagans</i>	27 Feb, 2003	Near Ruins
Arachnaceae	<i>Spiders</i>	<i>Citheracanthus meermani</i>	26 Feb, 2003	On Hillslope to Antelope falls
Arachnaceae	<i>Spiders</i>	<i>Nephila clavipes</i>	25 Feb, 2003	Golden Orb Spider. Mayflower
Insecta	<i>Cicadas</i>	<i>Fulgora laternaria</i>	9-Oct-03	near Main Maya site on Zanthoxylum
Insecta	<i>Stick Insects</i>	<i>Phasmidae</i>	9-Dec-02	Main site
Lepidoptera	<i>Butterflies</i>	<i>Adelpha cytherea.</i>	28 Oct., 2002	
Lepidoptera	<i>Butterflies</i>	<i>Aeria eurimeda</i>	6 Mar, 2003	
Lepidoptera	<i>Butterflies</i>	<i>Anartia fatima.</i>		
Lepidoptera	<i>Butterflies</i>	<i>Caligo memnon</i>		
Lepidoptera	<i>Butterflies</i>	<i>Caligo uranus</i>		
Lepidoptera	<i>Butterflies</i>	<i>Eueides aliphera</i>	6 Mar, 2003	
Lepidoptera	<i>Butterflies</i>	<i>Eueides isabella</i>	6 Mar, 2003	
Lepidoptera	<i>Butterflies</i>	<i>Eurema daira</i>	6 Mar, 2003	
Lepidoptera	<i>Butterflies</i>	<i>Heliconius charitonia</i>		
Lepidoptera	<i>Butterflies</i>	<i>Heliconius errato</i>		
Lepidoptera	<i>Butterflies</i>	<i>Leucochimona nivalis</i>	6 Mar, 2003	
Lepidoptera	<i>Butterflies</i>	<i>Mechanitis polymnia</i>	25 Feb, 2003	Eggs on <i>Solanum torvum</i>
Lepidoptera	<i>Butterflies</i>	<i>Morpho peleides</i>	6-Mar-03	
Lepidoptera	<i>Butterflies</i>	<i>Siproeta superba</i>	9-Oct-02	near Bocawina fall, Hillslope forest

Appendix 4

Raw data small vertebrates

Amphibians	Salamander	<i>Bolitoglossa mexicana</i>	Literature data	
Amphibians	Marine Toad	<i>Bufo marinus</i>		
Amphibians	Gulf Toad	<i>Bufo valiceps</i>		
Amphibians	Rainfrog	<i>Eleutherodactylus chac</i>	Literature data	
Amphibians	Rainfrog	<i>Eleutherodactylus rugulosus</i>	Literature data	
Amphibians	Rainfrog	<i>Leptodactylus melanonotus</i> .		
Amphibians		<i>Oedopina elongata</i>	Literature data	
Amphibians	Spring Chicken	<i>Rana vaillanti</i>	20 mar, 2003	stream
Amphibians		<i>Scinax staufferi</i>		
Amphibians	Mexican treefrog	<i>Smilisca baudinii</i>	Literature data	
Fishes	Billum	<i>Astyanax aeneus</i>	20 mar, 2003	stream
Fishes		<i>Belenox belizanus</i>	20 mar, 2003	stream
Fishes	Poepsi	<i>Gambusia luma</i>	20 mar, 2003	stream
Fishes	Poepsi	<i>Heterandria bimaculata</i>	20 mar, 2003	stream
Fishes	Buttersea	<i>Rhamdia (guatemalensis?)</i>	20 mar, 2003	stream, id based on size.
Reptiles	Earth snake	<i>Adelphicos quadrivirgatus</i>	Literature data	
Reptiles	Ameiva lizard	<i>Ameiva festiva</i>	Literature data	
Reptiles	Basilisk	<i>Basiliscus vittatus</i> ,		several.
Reptiles	Tommygof	<i>Bothrops asper</i>		Reported
Reptiles	Alligator lizard	<i>Celestus rozellae</i>	Literature data	
Reptiles	Garden snake	<i>Coniophanes fissidens</i>	Literature data	
Reptiles	Old Man Lizard	<i>Corytophanes cristatus</i>	Literature data	
Reptiles	Old Man Lizard	<i>Corytophanes hernandezii</i>	20 mar, 2003	hill transect 1
Reptiles	Haligator	<i>Crocodylus moreleti</i>	Reported	stream
Reptiles	Black Tail Snake	<i>Drymarchon corais</i>	28-Oct-02	Skin
Reptiles	Guinea hen snake	<i>Drymobius margaritifer</i>	25 Feb, 2003	Mayflower clearing
Reptiles	House gecko	<i>Hemidactylus frenatus</i> ,		heard in lodge at night.
Reptiles	Green Iguana, Bamboo Chicken	<i>Iguana iguana</i>	25 Feb, 2003	Dead female on the road
Reptiles	Blunt headed tree snake	<i>Imantodes cenchoa</i>	24 Feb, 2003	On Hillslope (waterpipe trail) transect
Reptiles	Swanka, Mud turtle	<i>Kinosternon leucostomum</i>	Literature data	
Reptiles	Night lizard	<i>Lepidophyma flavimaculatum</i>	Literature data	
Reptiles	Skink, Snake waiting boy	<i>Mabuya unimarginata</i>	Literature data	
Reptiles	Coral snake	<i>Micrurus diastema</i>	Literature data	
Reptiles	Anole lizard	<i>Norops biporcatus</i>	Literature data	
Reptiles	Anole lizard	<i>Norops capito</i>	Literature data	
Reptiles	Anole lizard	<i>Norops lemuringus</i>	9-Dec-02	Main site
Reptiles		<i>Norops uniformis</i>	24 Feb, 2003	On Hillslope transect
Reptiles	Anole lizard	<i>Norops uniformis</i>	25 Feb, 2003	On Hillslope to Antelope falls
Reptiles	Black belly turtle	<i>Rhinoclemmys areolata</i>	Literature data	
Reptiles	Escorpion, Dwarf gecko	<i>Sphaerodactylus glaucus</i>	Literature data	
Reptiles	Dwarf skink	<i>Sphenomorphus cherriei</i>	24 Feb, 2003	On Hillslope transect
Reptiles	Spiny tailed iguana, Wish Willy	<i>Ctenosaura similis</i>	21 mar, 2003	Seen crossing accessroad

Appendix 5 Mammal checklist

MARSUPIALS - DIDELPHIMORPHIA

Opossums - Didelphidae

Didelphinae

Water Opossum	<i>Chironectes minimus</i>	Water Dog, Yapok	Possibly observed on 20 mar, 2002 in creek. Certainly expected
Common Opossum and/or Virginia Opossum	<i>Didelphis marsupialis</i> / <i>Didelphis virginiana</i>	Zorro, Tlacuache	25 Feb, 2003. Tracks of one or both species found on entrance road.
Gray Four-eyed Opossum	<i>Philander opossum</i>	Four-eyes	20 Mar, 2003. Near creek

XENARTHANS - XENARTHRA

Anteaters - Myrmecophagidae

Northern Tamandua	<i>Tamandua mexicana</i>	Antsbear, Oso hormiguero	10/9/2003. near Bocawina fall, Hillslope forest
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Armandilos - Dasypodidae

Nine-banded Armadillo	<i>Dasypus novemcinctus</i>	Nine-banded Long-nosed Armadillo, Armadilly, Dilly, Ouetch	Burrows encountered, specifically on ridges.
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BATS - CHIROPTERA

Sac-winged Bats - Emballonuridae

Greater Dog-like Bat	<i>Peropteryx kappleri</i>	See reports by Millers (Appendix)
Greater White-lined Bat	<i>Saccopteryx bilineata</i>	See reports by Millers (Appendix)
Lesser White-lined Bat	<i>Saccopteryx leptura</i>	See reports by Millers (Appendix)
Northern White Bat	<i>Diclidurus albus</i>	See reports by Millers (Appendix)

Mustached/Leaf-chinned Bats - Mormoopidae

Ghost-faced Bat	<i>Mormoops megalophylla</i>	See reports by Millers (Appendix)
Davy's Naked-backed Bat	<i>Pteronotus davyi</i>	See reports by Millers (Appendix)
Common Mustached Bat	<i>Pteronotus pamellii</i>	See reports by Millers (Appendix)

Leaf-nosed Bats - Phyllostomidae

Tailed Leaf-nosed Bats - Phyllostomiinae

Orange-throated Bat	<i>Micronycteris brachyotis</i>		See reports by Millers (Appendix)
Nectar-feeding Bats - Glossophaginae			
Brown Long-tongued Bat	<i>Glossophaga commissarisi</i>		See reports by Millers (Appendix)
Short-tailed Fruit Bats - Carollinae			
Silky Short-tailed Bat	<i>Carollia brevicauda</i>		See reports by Millers (Appendix)
Seba's Short-tailed Bat	<i>Carollia perspicillata</i>		See reports by Millers (Appendix)
Hahn's short-tailed bat	<i>Carollia subrufa</i>		See reports by Millers (Appendix)
Tail-less Fruit Bats - Stenodermatinae			
Pygmy Fruit-eating Bat	<i>Atribeus phaeotis</i>		See reports by Millers (Appendix)
Little Yellow-shouldered Bat	<i>Sturnira lilium</i>		See reports by Millers (Appendix)
Plain-nosed Bats - Vespertilionidae			
Argentine Brown Bat	<i>Eptesicus furinalis</i>		See reports by Millers (Appendix)
Red Bat	<i>Lasiurus blossevillii</i>		See reports by Millers (Appendix)
Southern Yellow Bat	<i>Lasiurus ega</i>		See reports by Millers (Appendix)
Elegant Myotis	<i>Myotis elegans</i>		See reports by Millers (Appendix)
Hairy-legged Myotis	<i>Myotis keaysi</i>		See reports by Millers (Appendix)
Central American Yellow Bat	<i>Rhogeessa tumida</i>		See reports by Millers (Appendix)
Free-tailed Bats - Molossidae			
Broad-eared Bat	<i>Nyctinomops laticaudatus</i>		See reports by Millers (Appendix)
Black Bonneted Bat	<i>Eumops auripendulus</i>		See reports by Millers (Appendix)
Black Mastiff Bat	<i>Molossus rufus</i>		See reports by Millers (Appendix)
Lesser Mastiff Bat	<i>Molossus molossus</i>		See reports by Millers (Appendix)

MONKEYS - PRIMATES

Cebidae

Howler Monkeys - Alouattinae

Yucatan Black Howler-Monkey

Alouatta pigra

Mexican Black Howler, Baboon, Saraguato

6 Mar, 2003. Group at Tau'Witz slope transect

Spider Monkeys - Atelinae

Central-American Spider-Monkey

Ateles geoffroyi

Monkey, Mono

Reported by Staff. One reportedly hunted in October 2002

CARNIVORES – CARNIVORA

Dogs – Canidae

Gray Fox	<i>Urocyon cinereoargenteus</i>	Gato de Monte	1 seen dashing across road, afternoon of Dec 5, 2002
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Cats – Felidae

Felinae

Jaguaroundi	<i>Herpailurus yagouaroundi</i>	Halari, Onza, Leoncillo	Reported Mamanoots
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Ocelot	<i>Leopardus pardalis</i>	Tiger-cat, Tigrillo	track probably of this species seen on trail to Bocawina Falls.
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Margay	<i>Leopardus wiedii</i>	Tiger-cat, Tigrillo, Tigrillito	Reported Mamanoots
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Puma	<i>Puma concolor</i>	Red Tiger, Leon	Reported Mamanoots
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Pantherinae

Jaguar	<i>Panthera onca</i>	Tiger, Tigre, Balum	Tracks noted on lowland trails during every rainy season visit.
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Skunks - Mephitinae

Striped Hog-nosed Skunk	<i>Conepatus semistriatus</i>	Polecat, Zorrillo	Scent recorded on various occasions and locations. Possibly (also) Spotted Skunk <i>Spilogale putorius</i>
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Weasels - Mustelinae

Tayra	<i>Eira barbara</i>	Bush dog, Perro del monte, Cabeza blanca	Reported Mamanoots
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Raccoon Family - Procyonidae

Kinkajous - Potosinae

Kinkajou	<i>Potos flavus</i>	Nightwalker, Mico de noche, Martucha	5-Dec-02
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Raccoons and relatives - Procyoninae

Coatimundi	<i>Nasua narica</i>	White-nosed Coati, Coati mundi, Quash, Pisote, Tejon	Reported Mamanoots
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Raccoon	<i>Procyon lotor</i>	Northern Raccoon, Raccoon, Mapache	Reported Mamanoots
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PERISSODACTYLS - PERISSODACTYLA

Tapir - Tapiridae

Baird's Tapir	<i>Tapirus bairdii</i>	Central American Tapir, Mountain Cow, Danto, Tzimin	Numerous tracks along creek near Mayflower Maya site (December 5th and 6th). Report of a hunted animal in October 2002.
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Report of a hunted animal in October 2002

ARTIODACTYLS - ARTIODACTYLA

Peccaries - Tayassuidae

Collared Peccary	<i>Pecari tajacu</i>	<i>Tayassu tajacu</i> , Peccary, Queqeo	Reported Mamanoots. Being hunted.
White-lipped Peccary	<i>Tayassu pecari</i>	Wari, Warree, Jawilla	Reported by staff - Maintzunun. Defenite hunting report in October 2002

Deer - Cervidae

Red Brocket	<i>Mazama americana</i>	Antelope, Cabrito	Reported Mamanoots. Also reported as being hunted
White-tailed Deer	<i>Odocoileus virginianus</i>	Savanna Deer, Venado.	Reported but mostly found outside the park in Citrus groves.

RODENTS - RODENTIA

Squirrels - Sciuridae

Deppe's Squirrel	<i>Sciurus deppei</i>		Reported by some of the subconsultants. ID possible but uncertain.
Yucatan Squirrel	<i>Sciurus yucatanensis</i>		Seen with certainty by consultant

Gopher - Geomyidae

Hispid Pocket Gopher	<i>Orthogeomys hispidus</i>	Ground Mole, Taltusa	24 Feb, 2003. Borrows on Tau Whitz trail
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Pacas - Agoutidae

Paca	<i>Agouti paca</i>	Gibnut, Tepesquintle	Tracks found on all occasions during wet season
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Agoutis - Dasyproctidae

Central American Agouti	<i>Dasyprocta punctata</i>	Rabbit, Indian Rabbit, Guatusa, Liebre	Tracks found on all occasions during wet season.
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Appendix 6 Plant species recorded

0 = noted on transect but dbh < 10 cm.

1,2,3,4..etc. = number of individuals with dbh > 10 cm measured on transect.

Name	Family	Common name	Lowland Tau	Lowland Whitz	Lowland Gmelina	Slope Tau Witz	Slope Waterpipe trail	Crest Waterpipe Trail	Crest Antelope Falls	Notes for species not found on transects
<i>Aphelandra scabra</i>	Acanthaceae	Anal								Mayflower NP. Hillslope
<i>Blechnum pyramidatum</i>	Acanthaceae									Herb in clearings
<i>Hygrophyla costata</i>	Acanthaceae									Mayflower along stream. Lfp of Siproeta epaphus.
<i>Odontonema callistachyum</i>	Acanthaceae									Common herb along stream, both red and purple
<i>Astronium graveolens</i>	Anacardiaceae	Glassy wood, Jobillo				1				
<i>Mosquitoxylon jamaicense</i>	Anacardiaceae	Bastard Mahogany							0	
<i>Spondias mombin</i>	Anacardiaceae	Hogplum, Jobo	2		3	1	2	6		
<i>Annoa purpurea?</i>	Annonaceae									Near last parking
<i>Guatteria diospyroides (amplifolia)</i>	Annonaceae									Mayflower, along stream
<i>Malmea depressa</i>	Annonaceae	Elemuy, Wild Coffee, Sufrecaya				2	6			
<i>Xylopia frutescens</i>	Annonaceae	Polewood	0		2				11	
<i>Aspidosperma cruentum</i>	Apocynaceae	Red Mylady				0	3	1	0	
<i>Aspidosperma megalocarpon</i>	Apocynaceae	White Mylady				0				
<i>Thevetia ahouai</i>	Apocynaceae	Dog balls			1		3			
<i>Stemmadenia donnell-smithii</i>	Appocynaceae	Horseballs	0		3	0	1	2		
<i>Ilex sp.</i>	Aquifoliaceae	Dogwood							7	
<i>Anthurium bakeri</i>	Araceae		0							
<i>Anthurium gracile</i>	Araceae									Listed by Croat
<i>Anthurium pentaphyllum</i>	Araceae						0			
<i>Araceae terrestrial</i>	Araceae		0			0				
<i>Diefenbachia oerstedii</i>	Araceae	Sour Cane	0							
<i>Monstera adansonii</i>	Araceae									Vine
<i>Monstera sp.</i>	Araceae						0	0		

<i>Philodendron radiatum</i>	Araceae	Belly full tietie							Species with pinnatifid leaves. Lowland forest
<i>Philodendron sp.</i>	Araceae			0	0	0	0		
<i>Philodendron sp.</i>	Araceae								Large leaved species along Antelope falls
<i>Spathiphyllum sp.</i>	Araceae	Plantain grove		0					
<i>Syngonium sp.</i>	Araceae	Consuelda	0				0		
<i>Dendropanax arboreus</i>	Araliaceae	White Gumbo Limbo, Mano de Leon, Sac Chacah							0
<i>Attalea cohune</i>	Arecaceae	Cohune, Corozo	0	12	6	20	2		
<i>Bactris mexicana</i>	Arecaceae	Pokenoboy, Biscoyol	0	0	0	0	0	0	
<i>Chamaedorea ernesti-augustii</i>	Arecaceae				0	0			
<i>Chamaedorea oblongata/pinnatifrons</i>	Arecaceae	Xate	0		0	0	0		
<i>Chamaedorea tepejilote</i>	Arecaceae	Pacaya	0		0				lowland and hill sides
<i>Desmoncus orthacanthos</i>	Arecaceae	Basket tietie	0	0	0	0	0		
<i>Euterpe precatoria</i>	Arecaceae	Mountain Cabbage					0	0	Mayflower on high Ridge
<i>Geonoma deversa</i>	Arecaceae			0		0	0	0	
<i>Geonoma interrupta</i>	Arecaceae	Monkey Tail							Along trail to Bocawina Falls
<i>Rheinhardtia sp.</i>	Arecaceae							0	
<i>Synechanthus fibrosus</i>	Arecaceae						0		
<i>Aristolochia grandiflora</i>	Aristolochiaceae	Contribo							Along stream
<i>Aristolochia ovalifolia</i>	Aristolochiaceae	Guaco							lowland
<i>Aristolochia schippii</i>	Aristolochiaceae	Contribo							lowland
<i>Koanophylon?</i>	Asteraceae								Comon along Antelope falls in Mayflower NP
<i>Mikania sp</i>	Asteraceae								Vine along the road
<i>Begonia sericoneura</i>	Begoniaceae								Mayflower, near stream
<i>Amphitecna breedlovei</i>	Bignoniaceae	Wild Calabash						0	
<i>Bignoniaceae vine</i>	Bignoniaceae		0						
<i>Tabebuia sp.</i>	Bignoniaceae	Mayflower	0						
<i>Ceiba pentandra</i>	Bombacaceae	Cotton, Kapok, Ceiba	0	0					
<i>Ochroma pyramidale</i>	Bombacaceae	Balsa, Polak							lowland
<i>Quararibea funebris</i>	Bombacaceae	Swivel stick, Batidor			1	1			Hillslope
<i>Cordia alliodora</i>	Boraginaceae	Salmwood					2		
<i>Cordia sp.</i>	Boraginaceae			1			5		

<i>Androlepis skinneri</i>	Bromeliaceae							0	
<i>Pitcairnia imbricata</i>	Bromeliaceae								Along Antelope Falls
<i>Bursera simaruba</i>	Burseraceae	Gumbo Limbo, Chacah			1	4	3		Hillslope
<i>Protium sp.</i>	Burseraceae	Copal, Pom	1		1	16	1	0	
<i>Dialium guianense</i>	Caesalpinioideae	Ironwood, Wild Tamarind			0				
<i>Schizolobium parahyba</i>	Caesalpinioideae	Quamwood, Tambor							Foothills
<i>Forchhammeria trifoliata</i>	Capparidaceae								Mayflower, Hillslope
<i>Cecropia obtusifolia</i>	Cecropiaceae	Trumpet tree, Guarumu							Along trail to Bocawina Falls
<i>Cecropia peltata</i>	Cecropiaceae	Trumpet tree, Guarumu	2	1			2		lowland
<i>Pourouma bicolor</i>	Cecropiaceae	Moutain Trumpet					5		
<i>Hirtella racemosa</i>	Chrysobalanaceae	Blossom berry		0				0	
<i>Licania hypoleuca</i>	Chrysobalanaceae	Pigeon plum		2		1		11	
<i>Licania sparsipilis</i>	Chrysobalanaceae	Pigeon plum				3	0	1	
<i>Calophyllum brasiliense</i>	Clusiaceae	Santa Maria			0	1		1	Mayflower Hillslope
<i>Clusia sp.</i>	Clusiaceae	Matapalo						0	
<i>Garcinia intermedia</i>	Clusiaceae	Waika plum			0	5	0	0	
<i>Symphonia globulifera</i>	Clusiaceae	Waika chewstick, Leche Amarillo, Yellow sangre		0		1	0		
<i>Vismia camparaguey</i>	Clusiaceae	Ringworm tree, Can't be helped							Mayflower
<i>Vismia macrophylla</i>	Clusiaceae	Ringworm tree, Can't be helped							Mayflower
<i>Cochlospermum vitifolium</i>	Cochlospermaceae	Wild Cotton							
<i>Combretum cacoucia</i>	Combretaceae								Vine in trees along stream
<i>Terminalia amazonia</i>	Combretaceae	Bully tree, Nargusta				1	0	7	
<i>Tradescantia zanonina</i>	Commelinaceae								Groundcover in forest
<i>Convolvulaceae</i>	Convolvulaceae						0		
<i>Ipomoea tiliaceae</i>	Convolvulaceae								Mayflower Roadside
<i>Costus sp.</i>	Costaceae	Wild Ginger	0	0		0	0		
<i>Gurania makoyana</i>	Cucurbitaceae								
<i>Psiguria warzewickii</i>	Cucurbitaceae								
<i>Cyathea sp.</i>	Cyatheaceae			0				0	Also a species along trail to Bocawina falls
<i>Asplundia sp.</i>	Cyclanthaceae								A few at the Antelope falls.
<i>Scleria bracteata</i>	Cyperaceae	Cutgrass					0	0	

<i>Davilla (kunthii?)</i>	Dilleniaceae	Chapparo, Lavaplatos							Mayflower, roadside
<i>Dioscorea sp.</i>	Dioscoreaceae	Wild Yam				0		0	
<i>Sloanea tuerckheimii</i>	Eleocarpaceae	Wild Anatto	1				0	0	
<i>Acalypha sp.</i>	Euphorbiaceae				0				
<i>Acalypha sp. 1</i>	Euphorbiaceae		0	2		1			
<i>Acalypha sp. 2</i>	Euphorbiaceae		0						Mayflower entrance road
<i>Alchornea latifolia</i>	Euphorbiaceae	Fiddlewood				1	1		
<i>Croton sp.</i>	Euphorbiaceae		0						
<i>Dalechampia sp.</i>	Euphorbiaceae	Picapica						0	
<i>Euphorbiaceae</i>	Euphorbiaceae			1		1			
<i>Euphorbiaceae 2</i>	Euphorbiaceae								Mayflower, along stream
<i>Hyeronima sp.</i>	Euphorbiaceae	Redwood							2
<i>Pera barbelata</i>	Euphorbiaceae	Black Maya				1	1		
<i>Casearia (sylvestris?)</i>	Flacourtiaceae	Wild sage	0						Mayflower
<i>Flacourtiaceae</i>	Flacourtiaceae			1					0
<i>Pleuranthodendron lindenii</i>	Flacourtiaceae			0	0				
<i>Heliconia bourgaeana</i>	Heliconiaceae	Platanillo	0	0					
<i>Heliconia collinsiana</i>	Heliconiaceae	Platanillo	0	0					Hillslope
<i>Heliconia latispatha</i>	Heliconiaceae	Platanillo	0						Mayflower
<i>Heliconia species unid.</i>	Heliconiaceae	Platanillo							Mayflower.
<i>Heliconia vaginalis</i>	Heliconiaceae	Platanillo	0	0	0	0	0		
<i>Lacistema aggregatum</i>	Lacistemataceae	Bastard coffee, Palo mulatto		3				1	7
<i>Lauraceae</i>	Lauraceae	Laurel	1	1	1	4	0		
<i>Strychnos sp.</i>	Loganiaceae	Chicoloro	0		0				
<i>Byrsonima crassifolia</i>	Malpighiaceae	Craboo							3
<i>Calathea crotalifera</i>	Maranthaceae	Waha leaf							lowland
<i>Calathea lutea</i>	Maranthaceae	Waha leaf							Along stream
<i>Calathea sp.</i>	Maranthaceae	Waha leaf	0	0	0				lowland
<i>Marathrum sp.</i>	Maranthaceae								Submerged herb in Bocawina falls
<i>Souroubea sp.</i>	Marcgraviaceae								Hemi-epiphyte near Antelope Falls
<i>Conostegia sp.</i>	Melastomataceae								0
<i>Melastomataceae</i>	Melastomataceae		0						

<i>Miconia impetiolaris</i>	Melastomataceae	Maya				0		0	
<i>Miconia sp.</i>	Melastomataceae	Maya	8			1	0	0	
<i>Mouriri exilis</i>	Melastomataceae	Cacho Venado		0			0	0	
<i>Mouriri myrtilloides</i>	Melastomataceae	Cachita, Blossom Berry	0	0		0	0		
<i>Tococca guianensis</i>	Melastomataceae	Sirin						0	
<i>Cedrela odorata</i>	Meliaceae	Ceder, Cedro	0						lowland
<i>Gmelina arborea</i>	Meliaceae	Melina		44					
<i>Guarea glabra</i>	Meliaceae	Cramantee, Wild Mahogany, Cedrillo	0						Mayflower.
<i>Guarea grandifolia</i>	Meliaceae	Cramantee, Carbon	0		2				Hillslope, lowland
<i>Guarea sp.</i>	Meliaceae	Cramantee	0	3	0	3	0		Mayflower NP over Antelope Falls
<i>Swietenia macrophylla</i>	Meliaceae	Mahogany, Caoba							Occasional
<i>Clidemia sp.</i>	Melastomataceae	Sirin	0			0	0		
<i>Cojoba arborea</i>	Mimosoideae	Wild Tamarind, Barba Jolote	1			3	0	0	
<i>Inga (pavonia?)</i>	Mimosoideae	Bribri	8				1	0	
<i>Inga (small leaf)</i>	Mimosoideae	Bribri					1	2	
<i>Inga new</i>	Mimosoideae	Bribri						0	
<i>Inga sp.</i>	Mimosoideae	Bribri	5		3				
<i>Mimosa pudica</i>	Mimosoideae	Dormilona, Sensitive Weed							Mayflower
<i>Mimosaceae</i>	Mimosoideae							4	
<i>Acacia glomerosa</i>	Mimosoideae	Bastard Prickly Yellow			0				
<i>Siparuna thecaphora</i>	Monimiaceae	Wild Coffee, Chu-che	0	0	0	0	0	0	
<i>Brosimum sp.</i>	Moraceae	Breadnut, Ramon			0	2	0		
<i>Castilla elastica</i>	Moraceae	Ule, Rubber							At Mayflower site
<i>Ficus insipida</i>	Moraceae	Amate							Along stream
<i>Pseudolmedia sp.</i>	Moraceae	Cherry, Manax			0	3	0	0	
<i>Trophis racemosa</i>	Moraceae	Ramon blanco							
<i>Musa balbisiana</i>	Musaceae	Wild Banana, Haas	7						Wild (seeded) variety. Mayflower
<i>Virola sp.</i>	Myristicaceae	Banak	2	1	1	2	2		
<i>Ardisia sp.</i>	Myrsinaceae	Bird berries	0		0	0		0	
<i>Calyptanthus sp.</i>	Myrtaceae							0	In Ridge forest. Small Tree. Notice the bark that is similar to <i>Bursera simaruba</i>

<i>Eugenia sp</i>	Myrtaceae		0					
<i>Myrtaceae</i>	Myrtaceae							0
<i>Pimenta dioica</i>	Myrtaceae	Allspice, Pimenta				3	1	
<i>Pisonia sp.</i>	Nyctaginaceae	Tiger claw, Una de gato		0			0	
<i>Ouratea sp.</i>	Ochnaceae	Indian bead	0		0	0		
<i>Chionanthus sp.</i>	Oleaceae				0			
<i>Epidendrum nocturnum</i>	Orchidaceae							Mayflower on ridge near Antelope Falls.
<i>Lycaste aromatica</i>	Orchidaceae							Over Bocawina falls
<i>Oncidium sp.</i>	Orchidaceae							Mayflower. Ridge over Antelope Falls
<i>Vanilla planifolia</i>	Orchidaceae		0	0				0
<i>Andira inermis</i>	Papilionoideae	Black Blossom Bark, Carbon, Chaperno			1			
<i>Machaerium sp.</i>	Papilionoideae							0
<i>Pterocarpus rorhrii</i>	Papilionoideae	Mountain Kaway			7	11	3	
<i>Passiflora ambigua</i>	Passifloraceae	Umbats			0			
<i>Passiflora biflora</i>	Passifloraceae							lowland
<i>Passiflora choconiana</i>	Passifloraceae							lowland
<i>Passiflora foetida</i>	Passifloraceae							Mayflower Clearing
<i>Passiflora rovirosae</i>	Passifloraceae							lowland
<i>Passiflora serratifolia</i>	Passifloraceae							lowland
<i>Peperomia sp.</i>	Piperaceae							Epiphyte
<i>Piper auritum</i>	Piperaceae	Obel, Bullhoof, Santa Maria						Along trail to Bocawina Falls
<i>Piper cf. jacquemontianum</i>	Piperaceae	Buttonwood, Cordoncillo, Spanish Elder	0	0		0	0	
<i>Piper peltata</i>	Piperaceae	Santiago, Santa Maria		0				
<i>Piper sp.</i>	Piperaceae		0		0			
<i>Olyra sp. (grass)</i>	Poaceae		0					
<i>Reed-like grass</i>	Poaceae							Herb along falls
<i>Podocarpus guatemalensis</i>	Podocarpaceae							0
<i>Coccoloba sp.</i>	Polygonaceae	Grape, Uva				2		
<i>Ferns</i>	Polypodiophyta	Helecho	0	0	0	0	0	0
<i>Roupala montana</i>	Proteaceae							0
<i>Gouannia sp</i>	Rhamnaceae		0					

<i>Cassipourea guianensis</i>	Rhizophoraceae	Waterwood					2	0	
<i>Amaioua corymbosa</i> (?)	Rubiaceae	Wild Coffee						1	Ridge Forest Mayflower NP
<i>Chiococca alba</i>	Rubiaceae	Skunk Root, Zorro	0						
<i>Critonia morifolia</i>	Asteraceae	Palo Verde	1						lowland
<i>Faramea</i> sp.	Rubiaceae			0		0	0		
<i>Geophila</i> sp.	Rubiaceae								lowland
<i>Lindenia rivalis</i>	Rubiaceae								Along Antelope Falls
<i>Palicourea</i> sp.	Rubiaceae						0		
<i>Posoqueria latifolia</i>	Rubiaceae	Snake seed, Mountain Guava							Spectacular white tubular flowers. Tree near Antelope Falls
<i>Psychotria elata</i>	Rubiaceae							0	
<i>Psychotria poeppigiana</i>	Rubiaceae	Hot lips						0	
<i>Psychotria</i> sp.	Rubiaceae	Wild coffee	0	0	0	0	0	0	
<i>Randia</i> sp.	Rubiaceae		0						
Unknown	Rubiaceae		0				0	0	
Unknown	Rubiaceae								Mayflower, in hill forest near waterfall. Yellow flower
<i>Simira salvadorensis</i>	Rubiaceae	Redwood					1		
<i>Zanthoxylum</i> sp.	Rutaceae	Prickly Yellow		7			1		
<i>Cupania</i> sp.	Sapindaceae	Grande Betty	0	1				2	
<i>Matayba apetala</i>	Sapindaceae	Boy Job						1	Mayflower on ridge
<i>Paulinnia</i> sp.	Sapindaceae		0						
<i>Manilkara zapota</i>	Sapotaceae	Chicle, Chicosapote			1	4	1		
<i>Pouteria campechiana</i>	Sapotaceae	Mamey Ciruela, Sillion		1	4	19	4	0	
<i>Pouteria sapota</i>	Sapotaceae	Mamee, Mamey			1	1	0		
<i>Sideroxylon</i> sp.	Sapotaceae							2	
<i>Selaginella</i> sp.	Selaginellaceae				0	0	0		Ground cover in Mayflower NP
<i>Quassia amara</i>	Simaroubaceae	Palo de hombre							Hillslope
<i>Simarouba glauca</i>	Simaroubaceae	Negrito		1	0	1	1	5	
<i>Solanum rudepanum</i>	Solanaceae								Herb along trail
<i>Solanum</i> sp.	Solanaceae								Vine along stream
<i>Solanum torvum</i>	Solanaceae	Susumba							Herb along stream
<i>Guazuma ulmifolia</i>	Sterculiaceae	Pixoy, Bay cedar	8	1					

<i>Theobroma bicolor</i>	Sterculiaceae	Mountain cacao							Mayflower NP, Stann Creek District
<i>Theobroma cacao</i>	Sterculiaceae	Wild Cacao							
<i>Symplocos martinicensis</i>	Symplocaceae							0	
<i>Luehea sp.</i>	Tiliaceae	Moho, Mahawa		10				1	
<i>Trichospermum grewiifolium</i>	Tiliaceae	Moho, Mahawa, Narrow leaf Moho	5						Mayflower National Park, Stann Creek District, Belize.
<i>Dead</i>	Unknown		9	8	5	4	2	5	
<i>Quero de sapo</i>	Unknown				0				
<i>Strange fruit (pic)</i>	Unknown								lowland
<i>U'kan (large leaf)</i>	Unknown							1	
Unknown	Unknown	"Ah Che"				2			
Unknown	Unknown	"Cuero de Sapo"		1	0	5	0		
Unknown	Unknown	<i>K'anab</i>			0				
Unknown	Unknown				0	2	1	5	
<i>Vine</i>	Unknown			0	0	0	0	0	
<i>Urera sp.</i>	Urticaceae	Cow itch		0	0	0			Mayflower Lowland
<i>Urera sp2.</i>	Urticaceae	Cow itch		0	0	0			Very common in lower regions. Initially confused with a <i>Acalypha</i>
<i>Vitex gaumeri</i>	Verbenaceae	Yashnik, Fiddlewood				2			
<i>Rionorea guatemalensis</i>	Violaceae	Wild coffee		0	0	0	0		Common understory shrub
<i>Vitis sp.</i>	Vitaceae				0				
<i>Vochysia hondurensis</i>	Vochysiaceae	Emeri, San Juan	0					4	