

Appendices:

Appendix One: Plant Species of Payne's Creek National Park

Appendix Two: Mammal Species of Payne's Creek National Park

Appendix Three: Bird Species of Payne's Creek National Park

Appendix Four: Reptile and Amphibian Species of Payne's Creek National Park

Appendix Five: Fish Species of Payne's Creek National Park

Appendix One: Plant Species of Paynes Creek National Park

Family	Species	Common name
Adiantaceae	<i>Acrostichum aureum</i>	Mangrove fern
Alismataceae	<i>Sagittaria lancifolia</i>	White-flowered water plantain
Anacardiaceae	<i>Metopium brownei</i>	Black Poisonwood, Chechem
	<i>Spondias mombin</i>	Hogplum
	<i>Spondias radlkoferi</i>	Hogplum
Annonaceae	<i>Annona scleroderma</i>	Wild annona, cowsop (?)
	<i>Xylopia frutescens</i>	Polewood
Apocynaceae	<i>Lacmellea standleyi</i> (?)	Milk Tree
	<i>Stemmadenia donnell-smithii</i>	Cojeton
	<i>Tabernaemontana alba</i>	Dog balls
Aquifoliaceae	<i>Ilex guianensis</i>	Birdberry
	<i>Ilex sp.</i>	
Araceae	<i>Philodendron spp.</i>	Philodendron
	<i>Philodendron tripartitum</i>	Three-lobed philodendron
	<i>Syngonium sp.</i>	
Araliaceae	<i>Dendropanax arboreus</i>	Mano de lion, White Chaca
Arecaceae	<i>Acoelorrhaphe wrightii</i>	Tasiste
	<i>Attalea cohune</i>	Cohune
	<i>Bactris major</i>	Pokenoboy - black fruit
	<i>Cocos nucifera</i>	Coconut
	<i>Desmoncus orthacanthos</i>	Bayal, basket tie tie, stay-a-while
	<i>Roystonea regia</i>	Royal palm, Cabbage palm
Asteraceae	<i>Neurolaena lobata</i>	Jackass bitters
Bignoniaceae	<i>Crescentia cujete</i>	Calabash
	<i>Paragonia pyramidata</i>	liana
	<i>Tabebuia rosea</i>	Mayflower
Bixaceae	<i>Cochlospermum vitifolium</i>	wild cotton, (yellow) cotton flower

Appendix One: Plant Species of Paynes Creek National Park (cont...2)

Family	Species	Common name
Bombacaceae	<i>Ceiba pentandra</i>	Ceiba / cotton tree
	<i>Ochroma pyramidale</i>	Balsa, polack
	<i>Pachira aquatica</i>	Provision bark, Santo domingo
	<i>Quararibea funebris</i>	Batidos
Boraginaceae	<i>Cordia bicolor</i>	"Fiddlewood"
	<i>Cordia sp.</i>	Cordia
Bromeliaceae	<i>Tillandsia spp.</i>	Air-plants
Burseraceae	<i>Bursera simaruba</i>	Gumbo limbo
	<i>Protium sp.</i>	
Cecropiaceae	<i>Cecropia peltata</i>	Trumpet, Warumo
Chrysobalanaceae	<i>Chrysobalanus icaco</i>	Cocoplum
	<i>Hirtella americana</i>	Pigeon plum
	<i>Hirtella racemosa</i>	Wild pigeon plum
	<i>Licania hypoleuca</i>	Red pigeon plum
Clusiaceae	<i>Calophyllum brasiliense</i>	Santa maria
	<i>Clusia sp.</i>	
	<i>Garcinia sp.</i>	
	<i>Symphonia globulifera</i>	Waika chew-stick
	<i>Vismia camparaguey</i>	Wild annato
	<i>Vismia macrophylla</i>	Ringworm tree
Combretaceae	<i>Conocarpus erecta</i>	Buttonwood
	<i>Laguncularia racemosa</i>	White Mangrove
	<i>Terminalia amazonia</i>	Nargusta
Convolvulaceae	<i>Ipomoea sp.</i>	Ipomoea
Costaceae	<i>Costus sp.</i>	Costus
Cyperaceae	<i>Cyperus sp.</i>	
	<i>Eleocharis sp.</i>	Freshwater reed
	<i>Rhynchospora cephalotes</i>	Armadillo grass
	<i>Scleria bracteata</i>	Cutting grass

Appendix One: Plant Species of Paynes Creek National Park (cont....3)

Family	Species	Common name
Dennstaedtiaceae	<i>Pteridium caudatum</i>	Pteridium, Bracken
Dilleniaceae	<i>Curatella americana</i> <i>Davilla sp.</i> <i>Tetracera sp.</i>	Yaha, Sandpaper tree
Dioscoreaceae	<i>Dioscorea sp.</i>	Chiny yam
Droseraceae	<i>Drosera capillaris</i>	Red sundew
Elaeocarpaceae	<i>Sloanea sp.</i>	
Erythroxylaceae	<i>Erythroxylum sp.</i>	Erythroxylum
Euphorbiaceae	<i>Sapium sp.</i>	
Fabaceae		
Caesalpinioideae	<i>Cassia grandis</i> <i>Dialium guianense</i>	Bukut, Stinking toe Ironwood
Mimosoideae	<i>Acacia collinsii</i> <i>Inga affinis</i> <i>Inga cocleensis</i> <i>Inga sp.</i> <i>Mimosa pellita</i> <i>Mimosa pudica</i> <i>Mimosa tarda</i> <i>Pithocellobium sp.</i>	Subin Bri-bri Inga Inga Sensible weed (pink - flowered) Sensitive weed Sensible weed
Papilionoideae	<i>Andira inermis</i> <i>Lonchocarpus guatemalensis</i> <i>Machaerium sp.</i> <i>Mucuna sp.</i> <i>Pachyrhizus sp.</i> <i>Pterocarpus officinalis</i>	Bastard cabbage bark, carbon Dogwood, Turtle-bone Tiger claw Deer eye, horse eye vine Kaway
Fagaceae	<i>Quercus sp.</i>	Oak

Appendix One: Plant Species of Paynes Creek National Park (cont...4)

Family	Species	Common name
Flacourtiaceae	<i>Zuelania guidonia</i>	John Crow Wood, Tamai
Gleicheniaceae	<i>Dicranopteris pectinata</i>	Tiger fern
Heliconiaceae	<i>Heliconia bourgaeana</i>	Waha leaf
	<i>Heliconia latispatha</i>	Platanillo
	<i>Heliconia sp.</i>	Heliconia
Lauraceae	<i>Nectandra sp.</i>	Laurel
Loganiaceae	<i>Strychnos sp.</i>	Chicoloro
Malpighiaceae	<i>Byrsonima bucidifolia</i>	Craboo
	<i>Byrsonima crassifolia</i>	Sacpa, Nancen
Malvaceae	<i>Malvaviscus arboreus</i>	Turk's cap hibiscus
Marantaceae	<i>Calathea sp.</i>	
	<i>Thalia geniculata</i>	
Melastomaceae	<i>Miconia affinis</i>	Chigger nuts
	<i>Miconia argentea</i>	White Maya
	<i>Miconia lacera</i>	Chigger nuts
	<i>Miconia spp.</i>	Miconia
	<i>Mouriri sp.</i>	
Meliaceae	<i>Guarea sp.</i>	
	<i>Swietenia macrophylla</i>	Mahogany
	<i>Trichilia sp.</i>	
Moraceae	<i>Ficus insipida</i> (?)	Wild fig (long leafed)
	<i>Ficus sp.</i>	Fig
	<i>Trophis racemosa</i>	Yaxox, Red breadnut, White ramon
Myricaceae	<i>Myrica cerifera</i>	
Myristicaceae	<i>Virola koschnyi</i>	Banak
	<i>Virola multiflora</i>	Bastard banak, white banak

Appendix One: Plant Species of Paynes Creek National Park (cont....5)

Family	Species	Common name
Myrsinaceae	<i>Ardisia sp.</i>	
Myrtaceae	<i>Eugenia capuli</i> <i>Eugenia sp.</i>	Eugenia Eugenia
Nyctaginaceae	<i>Pisonia aculeata</i>	Tiger claw
Nymphaeaceae	<i>Nymphaea sp.</i>	Water lily
Orchidaceae	<i>Bletia purpurea</i> <i>Myrmecophila tibicinis</i>	Pink terrestrial orchid cow-horn orchid
Passifloraceae	<i>Passiflora biflora</i> <i>Passiflora foetida</i> <i>Passiflora urbaniana</i>	Granadillo Passionflower
Pinaceae	<i>Pinus caribaea</i>	Caribbean pine
Piperaceae	<i>Piper amalago</i> <i>Piper sp.</i>	Cordonzillo
Poaceae	<i>Gynerium sagittatum</i>	Dumb cane
Polygonaceae	<i>Coccoloba belizensis</i> <i>Coccoloba sp.</i> <i>Coccoloba uvifera</i>	Bob Coccoloba Sea-grape
Rhizophoraceae	<i>Cassipourea guianensis</i> <i>Rhizophora mangle</i>	Bastard waterwood Red Mangrove
Rubiaceae	<i>Alibertia edulis</i> <i>Amaioua corymbosa</i> <i>Faramea sp.</i> <i>Guettarda combsii</i> <i>Hamelia rovirosae</i> (?) <i>Morinda panamensis</i> <i>Palicourea sp.</i> <i>Psychotria poeppigiana</i>	Wild guava Wild coffee Glassy wood Yellow-wood Hot lips

Appendix One: Plant Species of Paynes Creek National Park (cont....6)

Family	Species	Common name
Rutaceae	<i>Zanthoxylum sp.</i>	Prickly yellow
Sapindaceae	<i>Cupania sp.</i> <i>Matayba sp.</i>	Cupania
Sapotaceae	<i>Chrysophyllum mexicanum</i> <i>Manilkara zapota</i> <i>Pouteria campechiana</i> <i>Sideroxylon sp.</i>	Chiceh Sapote Mammee cerillo
Selaginellaceae	<i>Selaginella sp.</i>	Selaginella
Simaroubaceae	<i>Simarouba glauca</i>	Negrito
Solanaceae		
Sterculiaceae	<i>Guazuma ulmifolia</i>	Bay cedar, pixoy
Tiliaceae	<i>Luehea seemannii</i> (?) <i>Trichospermum grewiifolium</i>	Copper-leaf Luehea Balsa wood, makapal
Ulmaceae	<i>Trema sp.</i>	Trema
Verbenaceae	<i>Avicennia germinans</i> <i>Vitex gaumeri</i>	Black Mangrove Yaxnik
Vochysiaceae	<i>Vochysia hondurensis</i>	Yemeri, San Juan
Zamiaceae	<i>Zamia polymorpha</i>	Palmita, Cycad

Appendix Two: Mammal Species of Payne's Creek National Park			
Species		Record	Broad Ecosystem Association
Didelphimorpha			
Didelphidae			
Virginia opossum	<i>Didelphis virginiana</i>	Seen	Pine savanna, Broadleaf Forest
Grey four eyed opossum	<i>Philander opossum</i>	PCNP Staff	Pine savanna
Water opossum*	<i>Chironectes minimus</i>	PCNP Staff	Mario - seen on Monkey River
Edentata			
Myrmecophagidae			
Northern tamandua	<i>Tamandua mexicana</i>	PCNP Staff	Broadleaf forest
Silky anteater*	<i>Cyclopes didactylus</i>	PCNP Staff	Broadleaf forest
Dasypodidae			
Nine banded armadillo	<i>Dasyus novemcinctus</i>	PCNP Staff	Broadleaf forest, Pine Savanna
Chiroptera			
White-lined sac winged bat*		Seen	Monkey River
Primates			
Cebidae			
Yucatan Black Howler	<i>Alouatta pigra</i>	Heard	Broadleaf Forest
Rodentia			
Sciuridae			
Deppes Squirrel	<i>Sciurus deppei</i>	PCNP Staff	Broadleaf Forest
Erethizontidae			
Mexican porcupine	<i>Coendou mexicanus</i>	PCNP Staff	Broadleaf forest, Pine Savanna
Dasyproctidae			
Central American Agouti	<i>Dasyprocta puntata</i>	PCNP Staff	Broadleaf Forest
Agoutidae			
Paca	<i>Agouti paca</i>	PCNP Staff	Along creek edges
Carnivora			
Canidae			
Grey Fox	<i>Urocyon cinereoargenteus</i>	Seen	Pine savanna
Procyonidae			
Northern racoon	<i>Procyon lotor</i>	Tracks	On creek, river and lagoon margins
White-nosed coati	<i>Nasua narica</i>	PCNP Staff	Broadleaf Forest
Kinkajou	<i>Potos flavus</i>	PCNP Staff	Broadleaf Fores, along river edge
Mustelidae			
Tayra	<i>Eira barbara</i>	PCNP Staff	Broadleaf forest, Pine Savanna
Neotropical River otter	<i>Lutra longicaudis</i>	PCNP Staff	Monkey River and Punta Negra creeks
Felidae			
Ocelot	<i>Leopardus pardalis</i>	PCNP Staff	Broadleaf Forest and edge of savanna
Margay	<i>Leopardus weidii</i>	PCNP Staff	Broadleaf forest (3 see in 5 years)
Jaguaroundi	<i>Herpailurus yagouarundi</i>	PCNP Staff	Broadleaf forest
Puma	<i>Puma concolor</i>	PCNP Staff	Broadleaf forest, Pine Savanna
Jaguar	<i>Panthera onca</i>	Tracks	Broadleaf forest, Pine Savanna and seen on coast
*Observed in Adjacent Areas			

Appendix Two: Mammal Species of Payne's Creek National Park (continued)			
Species		Record	Broad Ecosystem Association
<i>Perissodactyla</i>			
<i>Tapiridae</i>			
Baird's Tapir	<i>Tapirus bairdii</i>	Tracks	Pine Savanna, Broadleaf forest, creek edges
<i>Artiodactyla</i>			
<i>Tayassuidae</i>			
Collared Peccay	<i>Tayassu tajacu</i>	PCNP Staff	Broadleaf forest, Pine Savanna
White-lipped Peccary	<i>Dicotyles pecari</i>	PCNP Staff	Broadleaf forest - seen in large droves
<i>Cervidae</i>			
White tailed deer	<i>Odocoileus virginianus</i>	Seen	Pine Savanna, Broadleaf forest
Red brocket deer	<i>Mazama americana</i>	PCNP Staff	Broadleaf forest
West Indian Manatee	<i>Manatus trichechus</i>	PCNP Staff	Punta Ycacos Lagoon
*Observed in Adjacent Areas			

Bird Species of Paynes Creek National Park

Species		Status	Habitats	Endemism
Great Tinamou	<i>Tinamus major</i>	fP	BFL	
Little Tinamou	<i>Crypturellus soui</i>	fP	SC	
Thicket Tinamou	<i>Crypturellus cinnamomeus</i>		BFL, SC	
Least Grebe	<i>Tachybaptus dominicus</i>	IP	WL, LA	
Pied-billed Grebe	<i>Podilymbus podiceps</i>	IP	WL, LA	
American White Pelican	<i>Pelecanus erythrorhynchos</i>	IW	LA, BE	
Brown Pelican	<i>Pelecanus occidentalis</i>	vV	MF, BE, OC	
Neotropic Cormorant	<i>Phalacrocorax brasilianus</i>	cP	LA	
Double-crested Cormorant	<i>Phalacrocorax auritus</i>	uV	MF, BE	
Anhinga	<i>Anhinga anhinga</i>	fP	LA	
Magnificent Frigatebird	<i>Fregata magnificens</i>	vV	O	
Least Bittern	<i>Ixobrychus exilis</i>	rP	WL	
Bare-throated Tiger-Heron	<i>Tigrisoma mexicanum</i>	uP	WL, LA	
Great Blue Heron	<i>Ardea herodias</i>	cV	WL, LA	
Great Egret	<i>Ardea alba</i>	cV	WL, LA	
Snowy Egret	<i>Egretta thula</i>	cV	WL, LA	
Little Blue Heron	<i>Egretta caerulea</i>	cV	WL, LA	
Tricolored Heron	<i>Egretta tricolor</i>	fV	MF, LA, BE	
Cattle Egret	<i>Bubulcus ibis</i>	vW	SC	
Green Heron	<i>Butorides virescens</i>	cV	LA	
Agami Heron	<i>Agamia agami</i>	rV	LA	
Black-crowned Night-Heron	<i>Nycticorax nycticorax</i>	uW	LA	
Yellow-crowned Night-Heron	<i>Nyctanassa violacea</i>	cP	LA	
Boat-billed Heron	<i>Cochlearius cochlearius</i>	IP	LA	
White Ibis	<i>Eudocimus albus</i>	fP	MF, LA, BE	
Scarlet Ibis	<i>Eudocimus ruber</i>	X	MF, LA	
Roseate Spoonbill	<i>Platalea ajaja</i>	rV	LA, BE	
Jabiru	<i>Jabiru mycteria</i>	rV	LA, BE	
Wood Stork	<i>Mycteria americana</i>	uV	LA	
Black Vulture	<i>Coragyps atratus</i>	vP	SA, AG, BE	
Turkey Vulture	<i>Cathartes aura</i>	vP	SA, O	
Lesser Yellow-headed Vulture	<i>Cathartes burrovianus</i>	fP	SA, AG, BE	
King Vulture	<i>Sarcoramphus papa</i>	uP	BFL	
Muscovy Duck	<i>Cairina moschata</i>	uP	LA	
Black-bellied Whistling-Duck	<i>Dendrocygna autumnalis</i>	IW	WL, LA	
Blue-winged Teal	<i>Anas discors</i>	cW	WL, LA	

Status

Legend

v = very common
c = common
f = fairly common
u = uncommon
o = occasional
l = local

P = permanent resident
S = seasonal resident
V = visitor
T = transient (migrant)
W = winter resident
X = one or two records only

Regional Endemics

Legend (L. Jones)

MA Middle America Endemic
NMA Northern Middle America Endemic

Habitat Preferences within PCNP

Legend (Adapted from Jones and Vallely, 2001)

BFL Lowland broadleaf forest
PFL Lowland pine forest
SC Scrub, low second growth
SA Savanna
WL Wetland habitats with emergent vegetation
LA Lagoons, ponds, rivers, streams
O Overhead/aerial

Acknowledgments to: Lee Jones and Mario Muschamp

Bird Species of Paynes Creek National Park (continued)

Species		Status	Habitats	Endemism
Osprey	<i>Pandion haliaetus</i>	fV	LA,O	
Gray-headed Kite	<i>Leptodon cayanensis</i>	uP	BFL	
Swallow-tailed Kite	<i>Elanoides forficatus</i>	fS	BFL,O	
White-tailed Kite*	<i>Elanus leucurus</i>	fP	WL,SC	
Snail Kite	<i>Rostrhamus sociabilis</i>	oV	WL, LA	
Plumbeous Kite	<i>Ictinia plumbea</i>	uS	BFL,O	
Bicolored Hawk	<i>Accipiter bicolor</i>	rP	BFM, BFL	
White Hawk	<i>Leucopternis albicollis</i>	IP	BFL,O	
Gray Hawk	<i>Asturina nitida</i>	fP	BFL,SC,O	
Common Black-Hawk	<i>Buteogallus anthracinus</i>	fP	SC,O	
Great Black-Hawk	<i>Buteogallus urubitinga</i>	uP	BFM,BFL,O	
Roadside Hawk	<i>Buteo magnirostris</i>	cP	SC,SA,O	
Short-tailed Hawk	<i>Buteo brachyurus</i>	fP	BFM,BFL,O	
Red-tailed Hawk	<i>Buteo jamaicensis</i>	X	O	
White-tailed Hawk	<i>Buteo albicaudatus</i>	IP	AG, SA	
Black Hawk-Eagle	<i>Spizaetus tyrannus</i>	uP	BFM,BFL,O	
Barred Forest-Falcon	<i>Micrastur ruficollis</i>	IP	BFM,BFL	
Collared Forest-Falcon	<i>Micrastur semitorquatus</i>	fP	BFM,BFL	
Laughing Falcon	<i>Herpetotheres cachinnans</i>	fP	PW,SC,SA	
Northern Harrier	<i>Circus cyaneus</i>	oW	WL,LA	
American Kestrel	<i>Falco sparverius</i>	uW	SA	
Merlin	<i>Falco columbarius</i>	uW	LA,BE	
Aplomado Falcon	<i>Falco femoralis</i>	IP	SA	
Bat Falcon*	<i>Falco ruficularis</i>	fP	SC,O	
Peregrine Falcon	<i>Falco peregrinus</i>	uW	LA,O	
Plain Chachalaca	<i>Ortalis vetula</i>	cP	BFL,BFM,SC	
Crested Guan	<i>Penelope purpurascens</i>	uP	BFM,BFL	
Great Curassow	<i>Crax rubra</i>	uP	BFM,BFL	
Black-throated Bobwhite	<i>Colinus nigrogularis</i>	fP	PW,SA	NMA
Ruddy Crake	<i>Laterallus ruber</i>	cP	SC	MA
Gray-breasted Crake	<i>Laterallus exilis</i>	IP	AG, WL	
Clapper Rail	<i>Rallus longirostris</i>	uP	MF	
Gray-necked Wood-Rail	<i>Aramides cajanea</i>	fP	WL	
Uniform Crake	<i>Amaurolimnas concolor</i>	rP	BFL	
Sora	<i>Porzana carolina</i>	IW	WL	
Sungrebe	<i>Heliornis fulica</i>	uP	LA	

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SC Scrub, low second growth
SA Savanna
WL Wetland habitats with emergent vegetation
LA Lagoons, ponds, rivers, streams
O Overhead/aerial

Bird Species of Paynes Creek National Park (continued)

Species		Status	Habitats	Endemism
American Coot	<i>Fulica americana</i>	IW	WL, LA	
Limpkin	<i>Aramus guarauna</i>	cP	WL, LA	
Black-necked Stilt	<i>Himantopus mexicanus</i>	fW	WL, BE	
Black-bellied Plover	<i>Pluvialis squatarola</i>	uT	BE	
Killdeer	<i>Charadrius vociferus</i>	fW	AG, WL	
Spotted Sandpiper	<i>Actitis macularia</i>	cW	LA	
Short-billed Dowitcher	<i>Limnodromus griseus</i>	uW	WL	
Greater Yellowlegs	<i>Tringa melanoleuca</i>	uW	WL, BE	
Solitary Sandpiper	<i>Tringa solitaria</i>	uW	WL, BE	
Whimbrel	<i>Numenius phaeopus</i>	oT	BE	
Least Sandpiper	<i>Calidris minutilla</i>	fW	WL, BE	
Pectoral Sandpiper	<i>Calidris melanotos</i>	uT	WL, BE	
Wilson's Snipe	<i>Gallinago delicata</i>	uW	WL	
Caspian Tern	<i>Sterna caspia</i>	oT	LA, BE	
Royal Tern	<i>Sterna maxima</i>	cV	BE, OC	
Pale-vented Pigeon	<i>Columba cayennensis</i>	cP	BFL, PW, SC	
Red-billed Pigeon	<i>Columba flavirostris</i>	oV	BFL, PW	MA
Short-billed Pigeon	<i>Columba nigrirostris</i>	fP	BFM, BFL	
Common Ground-Dove	<i>Columbina passerina</i>	oV	SA, AG	
Ruddy Ground-Dove	<i>Columbina talpacoti</i>	vP	SC	
Plain-breasted Ground-Dove	<i>Columbina minuta</i>	cP	SA, AG	
Blue Ground-Dove	<i>Claravis pretiosa</i>	fP	BFM, BFL	
White-tipped Dove	<i>Leptotila verreauxi</i>	uP	BFM, BFL	
Gray-fronted Dove	<i>Leptotila rufaxilla</i>	cP	BFM, BFL	
Gray-chested Dove	<i>Leptotila cassini</i>	cP	BFM, BFL	
Ruddy Quail-Dove	<i>Geotrygon montana</i>	uP	BFM, BFL	
Olive-throated Parakeet	<i>Aratinga nana</i>	vP	BFM, BFL, SC	MA
Brown-hooded Parrot	<i>Pionopsitta haematotis</i>	cP	BFM, BF	
White-crowned Parrot	<i>Pionus senilis</i>	cP	BFM, BFL	MA
White-fronted Parrot	<i>Amazona albifrons</i>		BFL, SA	MA
Red-lored Parrot	<i>Amazona autumnalis</i>	vP	BFL	
Yellow-headed Parrot	<i>Amazona oratrix</i>	cP	PW	*
Yellow-billed Cuckoo	<i>Coccyzus americanus</i>	fT	BFM, BFL, PFL	
Squirrel Cuckoo	<i>Piaya cayana</i>	cP	BFM, BFL	
Striped Cuckoo	<i>Tapera naevia</i>	uP	SC	
Groove-billed Ani	<i>Crotophaga sulcirostris</i>	vP	SC	

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WL Wetland habitats with emergent vegetation
LA Lagoons, ponds, rivers, streams
O Overhead/aerial

Bird Species of Paynes Creek National Park (continued)

Species		Status	Habitats	Endemism
Vermiculated Screech-Owl	<i>Otus guatemalae</i>	uP	BFM, BFL	
Barn Owl	<i>Tyto alba</i>	uP	WL	
Spectacled Owl	<i>Pulsatrix perspicillata</i>	rP	BFM,BFL	
Mottled Owl	<i>Ciccaba virgata</i>	cP	BFM.BFL	
Lesser Nighthawk	<i>Chordeiles acutipennis</i>	fW	SA,O	
Common Nighthawk	<i>Chordeiles minor</i>	IS	SA,O	
Common Pauraque	<i>Nyctidromus albicollis</i>	cP	BFM, BFL, SA, SC	
Northern Potoo	<i>Nyctibius jamaicensis</i>	uP	SA, AG	
Vaux's Swift	<i>Chaetura vauxi</i>	fP	O	
Lesser Swallow-tailed Swift	<i>Panyptila cayennensis</i>	fP	O	
Long-billed Hermit	<i>Phaethornis longirostris</i>	cP	BFM, BFL, SC	
Little Hermit	<i>Phaethornis longuemareus</i>	cP	BFM, BFL	
White-necked Jacobin	<i>Florisuga mellivora</i>	fP	BFM.BFL,LA	
Green-breasted Mango	<i>Anthracothorax prevostii</i>	fP	SC	
Canivet's Emerald	<i>Chlorostilbon canivetii</i>	fP	PFM, PFL, SA SC	NMA
Ruby-throated Emerald	<i>Archilochus colubris</i>	fT	SC	
White-bellied Emerald*	<i>Amazilia candida</i>	cP	BFM,BFL	MA
Rufous-tailed Hummingbird	<i>Amazilia tzacatl</i>	vP	SC,SA	
Cinnamon Hummingbird	<i>Amazilia rutila</i>	IP	MF, AG	
Black-headed Trogon	<i>Trogon melanocephalus</i>	cP	BFL,BFM,PW	MA
Violaceous Trogon	<i>Trogon violaceus</i>	cP	BFM,BFL	
Slaty-tailed Trogon	<i>Trogon massena</i>	fP	BFM, BFL	
Blue-crowned Motmot	<i>Momotus momota</i>	cP	BFM,BFL	
Ringed Kingfisher	<i>Ceryle torquata</i>	fP	LA	
Belted Kingfisher	<i>Ceryle alcyon</i>	cW	LA	
Amazon Kingfisher	<i>Chloroceryle amazona</i>	uP	LA	
Green Kingfisher	<i>Chloroceryle americana</i>	cP	LA	
American Pygmy Kingfisher	<i>Chloroceryle aenea</i>	fP	LA	
White-necked Puffbird	<i>Notharchus macrorhynchos</i>	rP	SC	
White-whiskered Puffbird	<i>Malacoptila panamensis</i>	IP	BFM,BFL	
Rufous-tailed Jacamar	<i>Galbula ruficauda</i>	fP	BFM,BFL	
Collared Aracari	<i>Pteroglossus torquatus</i>	cP	BFM,BFL	
Keel-billed Toucan	<i>Ramphastos sulfuratus</i>	cP	BFM,BFL	
Black-cheeked Woodpecker	<i>Melanerpes pucherani</i>	fP	BFM,BFL	
Golden-fronted Woodpecker	<i>Melanerpes aurifrons</i>	cP	SC	
Yellow-bellied Sapsucker*	<i>Sphyrapicus varius</i>	uW	BFM,BFL	

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Bird Species of Paynes Creek National Park (continued)

Species		Status	Habitats	Endemism
Ladder-backed Woodpecker*	<i>Picoides scalaris</i>	fP	PFL	
Smoky-brown Woodpecker	<i>Veniliornis fumigatus</i>	fP	BFM,BFL	
Golden-olive Woodpecker	<i>Piculus rubiginosus</i>	fP	BFM,BFL	
Chestnut-colored Woodpecker	<i>Celeus castaneus</i>	uP	BFM,BFL	MA
Lineated Woodpecker	<i>Dryocopus lineatus</i>	cP	BFM,BFL	
Pale-billed Woodpecker	<i>Campephilus guatemalensis</i>	cP	BFM,BFL	MA
Rufous-breasted Spinetail	<i>Synallaxis erythrothorax</i>	fP	SC	NMA
Buff-throated Foliage-gleaner	<i>Automolus ochrolaemus</i>	fP	BFM,BFL	
Plain Xenops	<i>Xenops minutus</i>	fP	BFM,BFL	
Tawny-winged Woodcreeper	<i>Dendrocincla anabatina</i>	fP	BFM,BFL	MA
Ruddy Woodcreeper*	<i>Dendrocincla homochroa</i>	uP	BFM,BFL	
Wedge-billed Woodcreeper	<i>Glyphorhynchus spiurus</i>	fP	BFM, BFL	
Olivaceous Woodcreeper*	<i>Sittasomus griseicapillus</i>	fP	BFM,BFL	
Northern Barred-Woodcreeper	<i>Dendrocolaptes sanctithomae</i>	fP	BFM, BFL, PFL	
Ivory-billed Woodcreeper	<i>Xiphorhynchus flavigaster</i>	cP	BFM,BFL	MA
Streak-headed Woodcreeper	<i>Lepidocolaptes souleyetii</i>	uP	BFM, BFL, PFM, PFL	
Great Antshrike	<i>Taraba major</i>	fP	SC	
Barred Antshrike	<i>Thamnophilus doliatus</i>	cP	SC	
Western Slaty-Antshrike	<i>Thamnophilus atrinucha</i>	fP	BFL	
Dot-winged Antwren	<i>Microrhophias quixensis</i>	cP	BFL	
Dusky Antbird*	<i>Cercomacra tyrannina</i>	cP	SC	
Black-faced Antthrush	<i>Formicarius analis</i>	cP	BFM,BFL	
Yellow-bellied Tyrannulet	<i>Ornithion semiflavum</i>	fP	BFM,BFL	MA
Greenish Elaenia	<i>Myiopagis viridicata</i>	fP	BFM,BFL	
Yellow-bellied Elaenia	<i>Elaenia flavogaster</i>	vP	PW,SA	
Ochre-bellied Flycatcher	<i>Mionectes oleagineus</i>	cP	BFM, BFL, PFM	
Sepia-capped Flycatcher	<i>Leptopogon amaurocephalus</i>	IP	BFM,BFL	
Northern Bentbill*	<i>Oncostoma cinereigulare</i>	fP	BFM,BFL	MA
Slate-headed Tody-Flycatcher*	<i>Poecilotriccus sylvia</i>	uP	SC	
Common Tody-Flycatcher	<i>Todirostrum cinereum</i>	cP	SC,SA	
Northern Beardless-Tyrannulet	<i>Camptostoma imberbe</i>	fP	PFL, SC, SA	
Yellow-olive Flycatcher	<i>Tolmomyias sulphurescens</i>	cP	BFM,BFL	
Stub-tailed Spadebill	<i>Platyrinchus canrominus</i>	fP	BFM,BFL	MA
Royal Flycatcher	<i>Onychorhynchus coronatus</i>	uP	BFM,BFL	
Sulphur-rumped Flycatcher	<i>Myiobius sulphureipygius</i>	IP	BFM,BFL	
Eastern Wood-Pewee	<i>Contopus virens</i>	vT	BFM,BFL	

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Bird Species of Paynes Creek National Park (continued)

Species		Status	Habitats	Endemism
Tropical Pewee	<i>Contopus cinereus</i>	fP	BFL	
Yellow-bellied Flycatcher	<i>Empidonax flaviventris</i>	cW	BFL	
Vermillion Flycatcher	<i>Pyrocephalus rubinus</i>	fP	SA,SC	
Bright-rumped Attila	<i>Attila spadiceus</i>	cP	BFL	
Rufous Mourner	<i>Rhytipterna holerythra</i>	IP	BFL	
Least Flycatcher	<i>Empidonax minimus</i>	fW	SC	
Acadian Flycatcher	<i>Empidonax virescens</i>	uT	SC	
Alder Flycatcher	<i>Empidonax alnorum</i>	uT	SC	
Willow Flycatcher	<i>Empidonax traillii</i>	ft	SC	
Olive-sided Flycatcher	<i>Contopus cooperi</i>	uT	BFL, PFL	
Dusky-capped Flycatcher	<i>Myiarchus tuberculifer</i>	cP	BFL	
Great Crested Flycatcher	<i>Myiarchus crinitus</i>	fW	BFL, PFL	
Brown-crested Flycatcher	<i>Myiarchus tyrannulus</i>	cS	BFL,PW	
Great Kiskadee	<i>Pitangus sulphuratus</i>	vP	SC	
Boat-billed Flycatcher	<i>Megarynchus pitangua</i>	cP	BFL	
Social Flycatcher	<i>Myiozetetes similis</i>	vP	SC	
Sulphur-bellied Flycatcher*	<i>Myiodynastes luteiventris</i>	cS	BFL	
Tropical Kingbird	<i>Tyrannus melancholicus</i>	vP	PW,SA	
Couch's Kingbird	<i>Tyrannus couchii</i>	cP	PW,SA	
Eastern Kingbird	<i>Tyrannus tyrannus</i>	vT	BFL	
Scissor-tailed Flycatcher	<i>Tyrannus forficatus</i>	uW	AG	
Fork-tailed Flycatcher	<i>Tyrannus savanna</i>	cP	SA, AG	
Thrush-like Schiffornis	<i>Schiffornis turdinus</i>	cP	BFL	
Cinnamon Becard	<i>Pachyramphus cinnamomeus</i>	IP	BFL	
Rose-throated Becard	<i>Pachyramphus aglaiae</i>	uP	PFM, PFL	
Masked Tityra	<i>Tityra semifasciata</i>	cP	BFL	
Black-crowned Tityra	<i>Tityra inquisitor</i>	fP	BFL	
White-collared Manakin	<i>Manacus candei</i>	cP	BFL	MA
Red-capped Manakin*	<i>Pipra mentalis</i>	cP	BFL	
White-eyed Vireo	<i>Vireo griseus</i>	cW	SC	
Mangrove Vireo*	<i>Vireo pallens</i>	cP	SC	MA
Yellow-throated Vireo	<i>Vireo flavifrons</i>	fW	BFL	
Red-eyed Vireo	<i>Vireo olivaceus</i>	vT	BFL	
Yellow-green Vireo	<i>Vireo flavoviridis</i>	cS	BFL	
Yucatan Vireo	<i>Vireo magister</i>	IP	MF	NMA
Tawny-crowned Greenlet	<i>Hylophilus ochraceiceps</i>	IP	BFL	

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Bird Species of Paynes Creek National Park (continued)

Species		Status	Habitats	Endemism
Lesser Greenlet	<i>Hylophilus decurtatus</i>	vP	BFM,BFL	
Brown Jay	<i>Cyanocorax morio</i>	vP	BFL,PW	MA
Purple Martin	<i>Progne subis</i>	vT	O	
Gray-breasted Martin	<i>Progne chalybea</i>	cS	O	
Tree Swallow	<i>Tachycineta albilinea</i>	fW	WL, LA	
Mangrove Swallow	<i>Tachycineta albilinea</i>	cP	LA	
Northern Rough-winged Swallow	<i>Stelgidopteryx serripennis</i>	cW	BFM,BFL	
Barn Swallow	<i>Hirundo rustica</i>	vT	SA	
Spot-breasted Wren	<i>Thryothorus maculipectus</i>	vP	BFM,BFL	MA
House Wren	<i>Troglodytes aedon</i>	fP	SC	
Sedge Wren	<i>Cistothorus platensis</i>	fP	SA	*
White-breasted Wood-Wren	<i>Henicorhina leucosticta</i>	cP	BFM,BFL	
Nightingale Wren	<i>Microcerculus philomela</i>	IP	BFM, BFL	NMA
Long-billed Gnatwren	<i>Ramphocaenus melanurus</i>	cP	BFM,BFL	
Blue-gray Gnatcatcher	<i>Polioptila caerulea</i>	cP	PW	
Tropical Gnatcatcher	<i>Polioptila plumbea</i>	fP	BFM,BFL	
Swainson's Thrush	<i>Catharus ustulatus</i>	fT	BFM,BFL	
Wood Thrush	<i>Hylocichla mustelina</i>	cW	BFM,BFL	
Clay-colored Robin	<i>Turdus grayi</i>	cP	BFL,SC	
Gray Catbird	<i>Dumetella carolinensis</i>	cW	BFM,BFL	
Black Catbird	<i>Melanoptila glabrirostris</i>	X	MF	NMA
Tropical Mockingbird	<i>Mimus gilvus</i>	cP	SA,AG	
Northern Parula	<i>Parula americana</i>	oW	PFL, MF	
Golden-winged Warbler	<i>Vermivora chrysoptera</i>			
Blue-winged Warbler	<i>Vermivora pinus</i>	fW	BFL,SC	
Bay-breasted Warbler	<i>Dendroica castanea</i>	uT	BFL	
Blackburnian Warbler	<i>Dendroica fusca</i>	fT	BFL	
Tennessee Warbler	<i>Vermivora peregrina</i>	cT	BFM,BFL,SC	
Yellow Warbler	<i>Dendroica petechia</i>	cW	SC	
Chestnut-sided Warbler	<i>Dendroica pensylvanica</i>	cW	BFM,BFL,SC	
Magnolia Warbler	<i>Dendroica magnolia</i>	cW	BFM,BFL,SC	
Yellow-rumped Warbler	<i>Dendroica coronata</i>	uW	PW,SA	
Black-throated Green Warbler	<i>Dendroica virens</i>	fW	PW,SC	
Yellow-throated Warbler	<i>Dendroica dominica</i>	cW	BFL,PW	
Grace's Warbler*	<i>Dendroica graciae</i>	cP	PW	
Black-and-white Warbler	<i>Mniotilta varia</i>	cW	BFM,BFL	

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Bird Species of Paynes Creek National Park (continued)

Species		Status	Habitats	Endemism
American Redstart	<i>Setophaga ruticilla</i>	cW	BFM,BFL	
Prothonotary Warbler	<i>Protonotaria citrea</i>	cT	BFL,LA	
Worm-eating Warbler	<i>Helmitheros vermivorus</i>	fW	BFM,BFL	
Ovenbird	<i>Seiurus aurocapilla</i>	cW	BFM,BFL	
Northern Waterthrush	<i>Seiurus noveboracensis</i>	cW	LA	
Louisiana Waterthrush	<i>Seiurus motacilla</i>	uW	LA	
Kentucky Warbler	<i>Oporornis formosus</i>	cW	BFM,BFL	
Common Yellowthroat	<i>Geothlypis trichas</i>	cW	SC	
Gray-crowned Yellowthroat	<i>Geothlypis poliocephala</i>	cP	PW,SA	MA
Hooded Warbler	<i>Wilsonia citrina</i>	cW	BFM,BFL	
Yellow-breasted Chat	<i>Icteria virens</i>	fW	SC	
Gray-throated Chat	<i>Granatellus sallaei</i>	IP	BFL	NMA
Gray-headed Tanager	<i>Eucometis penicillata</i>	fP	BFM,BFL	
Red-crowned Ant-Tanager	<i>Habia rubica</i>	uP	BFM, BFL	
Red-throated Ant-Tanager	<i>Habia fuscicauda</i>	cP	BFM,BFL	
Hepatic Tanager*	<i>Piranga flava</i>	cP	PW	
Summer Tanager	<i>Piranga rubra</i>	cW	BFM,BFL	
Scarlet Tanager	<i>Piranga olivacea</i>	cT	BFM,BFL	
Crimson-collared Tanager	<i>Ramphocelus sanguinolentus</i>	fP	SC	MA
Passerini's Tanager	<i>Ramphocelus passerinii</i>	cP	SC	MA
Blue-gray Tanager	<i>Thraupis episcopus</i>	vP	BFL,PW	
Yellow-winged Tanager	<i>Thraupis abbas</i>	cP	BFM,BFL	MA
Scrub Euphonia	<i>Euphonia affinis</i>	fP	SC,SA	MA
Yellow-throated Euphonia	<i>Euphonia hirundinacea</i>	cP	BFM,BFL	MA
Olive-backed Euphonia	<i>Euphonia gouldi</i>	cP	BFM,BFL	MA
Golden-hooded Tanager	<i>Tangara larvata</i>	fP	BFL,PW	
Red-legged Honeycreeper	<i>Cyanerpes cyaneus</i>	cP	BFM,BFL	
Blue-black Grassquit	<i>Volatinia jacarina</i>	vP	SC	
Variable Seedeater	<i>Sporophila americana</i>	vP	SC,SA	
White-collared Seedeater	<i>Sporophila torqueola</i>	vP	SC,SA	MA
Thick-billed Seed-Finch	<i>Oryzoborus funereus</i>	cP	PW,SC,SA	
Orange-billed Sparrow	<i>Arremon aurantirostris</i>	cP	BFM,BFL	
Green-backed Sparrow	<i>Arremonops chloronotus</i>	cP	BFL,SC	NMA
Rusty Sparrow*	<i>Aimophila rufescens</i>	cP	PW	MA
Lark Sparrow	<i>Chondestes grammacus</i>	X	SA, Ag	
Clay-colored Sparrow	<i>Spizella pallida</i>	x	SC	
Chipping Sparrow	<i>Spizella passerina</i>	fP	PFL	

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Bird Species of Paynes Creek National Park (continued)

Species		Status	Habitats	Endemism
Savannah Sparrow	<i>Passerculus sandwichensis</i>	X	AG	
Grasshopper Sparrow*	<i>Ammodramus savannarum</i>	cP	SA	
Grayish Saltator	<i>Saltator coerulescens</i>	cP	SC	
Buff-throated Saltator	<i>Saltator maximus</i>	cP	BFL	
Black-headed Saltator	<i>Saltator atriceps</i>	cP	BFL	MA
Black-faced Grosbeak	<i>Caryothraustes poliogaster</i>	cP	BFM,BFL	MA
Blue Grosbeak	<i>Passerina caerulea</i>	fW	SC, WL	
Rose-breasted Grosbeak	<i>Pheucticus ludovicianus</i>	cT	BFM,BFL	
Blue-black Grosbeak	<i>Cyanocopsa cyanooides</i>	cP	BFM,BFL	
Indigo Bunting	<i>Passerina cyanea</i>	cW	SC	
Dickcissel	<i>Spiza Americana</i>	cT	SC,WL	
Eastern Meadowlark*	<i>Sturnella magna</i>	cP	SA, AG	
Melodious Blackbird	<i>Dives dives</i>	vP	SC	MA
Great-tailed Grackle	<i>Quiscalus mexicanus</i>	vP	SC	
Black-cowled Oriole	<i>Icterus prothemelas</i>	cP	BFL,PW,SA	MA
Orchard Oriole	<i>Icterus spurious</i>	cW	SC	
Yellow-backed Oriole	<i>Icterus chrysater</i>	fP	PW	
Yellow-tailed Oriole	<i>Icterus mesomelas</i>	uP	SC,LA	
Baltimore Oriole	<i>Icterus galbula</i>	cW	BFM,BFL	
Yellow-billed Cacique	<i>Amblycercus holosericeus</i>	uP	BFL,PW	
Montezuma Oropendola	<i>Psarocolius Montezuma</i>	vP	BFL	MA

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Appendix Four: Reptile and Amphibian Species of Payne's Creek National Park				
Species		Survey Record	Staff	*Pot. Record
Plethodontidae				
<i>Bolitoglossa mexicana</i>	Mexican Mushroomtongue Salamander	x		
<i>Bolitoglossa rufescens</i>	Northern Banana Salamander	x		
Rhinophrynidae				
<i>Rhinophrynus dorsalis</i>	Burrowing Toad			x
Leptodactylidae				
<i>Eleutherodactylus loki (rhodopis)</i>	Polymorphic Robber Rainfrog			x
<i>Leptodactylus fragilis (labialis)</i>	White-lipped Frog			x
<i>Leptodactylus melanonotus</i>	Sabinal Frog	x		
Bufonidae				
<i>Bufo marinus</i>	Cane Toad	x		
<i>Bufo valliceps</i>	Gulf Coast Toad	x		
Hylidae				
<i>Agalychnis callidryas</i>	Red-eyed Treefrog		x	
<i>Hyla loquax</i>	Mahogany Treefrog			x
<i>Hyla microcephala</i>	Yellow Treefrog	x		
<i>Hyla picta</i>	Painted Treefrog			x
<i>Phrynohyas venulosa</i>	Veined Treefrog	x		
<i>Scinax staufferi</i>	Stauffer's Treefrog	x		
<i>Smilisca baudinii</i>	Common Mexican Treefrog	x		
Microhylidae				
<i>Gastrophryne elegans</i>	Elegant Narrowmouth Frog			x
Ranidae				
<i>Rana berlandieri</i>	Rio Grande Leopard Frog	x		
<i>Rana vaillanti (palmipes)</i>	Rainforest Frog			x
Crocodylidae				
<i>Crocodylus moreletii</i>	Morelet's Crocodile	x		
Chelydridae				
<i>Chelydra serpentina</i>	Snapping Turtle			x
Kinosternidae				
<i>Staurotypus triporcatus</i>	Mexican Giant Musk Turtle			x
<i>Kinosternon leucostomum</i>	White-lipped Mud Turtle	x		
Emydidae				
<i>Rhinoclemmys areolata</i>	Furrowed Turtle	x		
<i>Trachemys scripta</i>	Slider	x		
Eublepharidae				
<i>Coleonyx elegans</i>	Yucatan Banded Gecko			x
Gekkonidae				
<i>Sphaerodactylus glaucus</i>	Dwarf Gecko			x
<i>Sphaerodactylus millepunctatus</i>	Spotted Dwarf Gecko			x
<i>Hemidactylus frenatus</i>	House Gecko			x
Corytophanidae				
<i>Basiliscus vittatus</i>	Brown Basilisk	x		
<i>Corytophanes cristatus</i>	Smoothhead Helmeted Basilisk	x		
<i>Corytophanes hernandezii</i>	Hernandez's Helmeted Basilisk			x
<i>Laemanctus longipes</i>	Eastern Casquehead Iguana			x

Appendix Four: Reptile and Amphibian Species of Payne's Creek National Park (continued)				
Species		Survey Record	Staff	*Pot. Record
Iguanidae				
<i>Ctenosaura similis</i>	Black Iguana		x	
<i>Iguana iguana</i>	Green Iguana	x		
Phrynosomatidae				
<i>Sceloporus variabilis</i>	Rosebelly Lizard	x		
Polychrotidae				
<i>Anolis biporcatus</i>	Neotropical Green Anole			x
<i>Anolis capito</i>	Bighead Anole			x
<i>Anolis lemurinus</i>	Ghost Anole	x		
<i>Anolis pentaprion</i>	Lichen Anole			x
<i>Anolis rodriguezii</i>	Smooth Anole			x
<i>Anolis sagrei</i>	Brown Anole			x
<i>Anolis sericeus</i>	Silky Anole	x		
<i>Anolis tropidonotus</i>	Greater Scaly Anole			x
<i>Anolis uniformis</i>	Lesser Scaly Anole			x
Scincidae				
<i>Eumeces sumichrasti</i>	Sumichrast's Skink			x
<i>Mabuya unimarginata</i>	Central American Mabuya	x		
<i>Sphenomorphus cherriei</i>	Brown Forest Skink	x		
Teiidae				
<i>Ameiva festiva</i>	Middle American Ameiva	x		
<i>Ameiva undulata</i>	Rainbow Ameiva	x		
<i>Cnemidophorus maslini</i>	Maslin's Whiptail	x		
Xantusiidae				
<i>Lepidophyma flavimaculatum</i>	Yellow-spotted Night Lizard	x		
Boidae				
<i>Boa constrictor</i>	Boa Constrictor		x	
Colubridae				
<i>Adelphicus quadrivirgatus</i>	Middle American Earth Snake			x
<i>Amastridium veliferum</i>	Rustyhead Snake			x
<i>Coniophanes fissidens</i>	White-lipped Spotbelly Snake			x
<i>Coniophanes imperialis</i>	Black-striped Snake	x		
<i>Dryadophis melanolomus</i>	Lizard Eater			x
<i>Drymarchon corais</i>	Indigo Snake	x		
<i>Drymobius margaritiferus</i>	Speckled Racer		x	
<i>Imantodes cenchoa</i>	Blunthead Tree Snake			x
<i>Lampropeltis triangulum</i>	Milk Snake		x	
<i>Leptodeira frenata</i>	Rain Forest Cat-eyed Snake		x	
<i>Leptodeira septentrionalis</i>	Northern Cat-eyed Snake		x	
<i>Leptophis ahaetulla</i>	Parrot Snake	x		
<i>Leptophis mexicanus</i>	Mexican Parrot Snake			x
<i>Ninia diademata</i>	Ringneck Coffee Snake			x
<i>Ninia sebae</i>	Redback Coffee Snake			x
<i>Oxybelis aeneus</i>	Mexican Vine Snake			x
<i>Oxyrhopus petola</i>	Calico False Coral Snake			x
<i>Pseustes poecilonotus</i>	Puffing Snake			x
<i>Rhadinaea decorata</i>	Adorned Graceful Brown Snake			x

Appendix Four: Reptile and Amphibian Species of Payne's Creek National Park (continued)				
Species		Survey Record	Staff	*Pot. Record
Colubridae (continued)				
<i>Scaphiodontophis annulatus</i>	Guatemalan Neckband Snake			x
<i>Senticolis triaspis</i>	Peninsular Rat Snake			x
<i>Sibon nebulata</i>	Cloudy Snail Sucker			x
<i>Sibon sanniola</i>	Pygmy Snail Sucker			x
<i>Sibon sartorii</i>	Terrestrial Snail Sucker			x
<i>Spilotes pullatus</i>	Tiger Tree Snake		x	
<i>Stenorrhina degenhardtii</i>	Degenhardt's Scorpion-eating Snake			x
<i>Thamnophis proximus</i>	Western Ribbon Snake			x
<i>Tretanorhinus nigroluteus</i>	Orangebelly Swamp Snake			x
<i>Urotheca elapoides</i>	False Coral Snake			x
<i>Xenodon rhabdocephalus</i>	False Fer-De-Lance			x
Elapidae				
<i>Micrurus hippocrepis</i>	Maya Coral Snake			x
Viperidae				
<i>Atropoides nummifer</i>	Jumping Pitviper			x
<i>Bothrops asper</i>	Fer-de-Lance		x	
<i>Crotalus durissus</i>	Neotropical Rattlesnake		x	
<i>Porthidium nasutum</i>	Rainforest Hognose Pitviper			x
Survey Record: Recorded during biodiversity assessment				
Staff: Reported to be present in the Payne's Creek area by the Park Staff				
*Potential Records: Based on known geographic ranges and habitat				

Appendix Five: Fish Species of Payne's Creek National Park

		Presence recorded by park staff		
		Observed during biodiversity assessment		
Species		Punta Yucacos	Freshwater Creek	Payne's Creek
Megalopidae		Tarpon		
<i>Megalops atlanticus</i>	Tarpon		x	
Characidae		Characins		
<i>Astyanax aeneus</i>	Central tetra			x
<i>Hyphessobrycon compressus</i>	Mayan tetra			x
Pimelodidae		Pimelodid Catfish		
<i>Rhamdia guatemalena</i>	Guatemalan chúlin			x
Belonidae		Needlefish		
<i>Strongylura notata</i>	Redfin needlefish	x	x	
Rivulidae				
<i>Rivulus marmotus</i>	Mangrove rivulus			?
Poeciliidae		Livebearers		
<i>Belonesox belizanus</i>	Pike killifish	x	x	x
<i>Gambusia luma</i>	Sleek mosquitofish			x
<i>Gambusia yucata</i>	Southern Yucatan mosquitofish			
<i>Heterandria bimaculata</i>	Twospot livebearer			x
<i>Poecilia mexicana</i>	Shortfin Molly			x
<i>Xiphophorus helleri</i>	Green swordtail			x
Synbranchidae		Swamp Eels		
<i>Ophisternon aenigmaticum</i>	Obscure swamp eel	x		
Centropomidae		Snooks		
<i>Centropomus sp?</i>	Snook			
Serranidae		Sea Basses		
<i>Epinephelus itajara</i>	Goliath grouper			
Carangidae		Jacks		
<i>Caranax latus</i>	Horse-eye jack	x		
<i>Caranax crysos</i>	Crevalle jack			
<i>Trachinotus falcatus</i>	Permit			
Lutjanidae		Snappers		
<i>Lutjanus griseus</i>	Gray snapper			
<i>Lutjanus apodus</i>	Schoolmaster Snapper			x
<i>Lutjanus analis</i>	Mutton Snapper			
<i>Lutjanus synagris</i>	Lane snapper			

Appendix Five: Fish Species of Payne's Creek National Park (continued)

Presence recorded by park staff

x Observed during biodiversity assessment				
Species		Punta Ycacos	Freshwater Creek	Payne's Creek
Gerridae	Mojarras			
<i>Gerres cinereus</i>	Yellowfin mojarra	x		
Haemulidae	Grunts			
<i>Haemulon plumieri</i>	White Grunt	x		
<i>Haemulon sciurus</i>	Blue-striped Grunt	x		
<i>Pomadasys croco</i>	Burro Grunt	x		
Cichlidae	Cichlids			
<i>Cichlasoma maculicauda</i>	Blackbelt cichlid		x	
<i>Cichlasoma meeki</i>	Firemouth cichlid			x
<i>Cichlasoma octofasciatum</i>	Jack Dempsey			x
<i>Cichlasoma robertsoni</i>	False firemouth cichlid			
<i>Cichlasoma salvini</i>	Yellowbelly cichlid			x
<i>Cichlasoma spilurum</i>	Blue-eye cichlid		x	x
Mugilidae	Mulletts			
<i>Mugil curema</i>	White mullet			
Dasyatidae	Stingrays			
<i>Dasyatis americana</i>	Southern stingray	x		
Eleotridae	Sleepers			
<i>Gobiomorus dormitor</i>	Bigmouth sleeper			
Myliobatidae	Eagle Rays			
<i>Aetobatus narinari</i>	Spotted eagle ray			
Sphyraenidae	Barracuda			
<i>Sphyraena barracuda</i>	Great Barracuda			
Tetraodontidae	Pufferfish			
<i>Sphoeroides testudineus</i>	Checkered Pufferfish			
Rhinopteridae	Cow-nosed Rays			
<i>Rhinoptera bonasus</i>	Cow-nosed Ray	x		