

**Rapid Ecological Assessment
Sarstoon Temash National Park
Toledo District, Belize
Volume II: Appendices**

(Species lists and raw data)



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the Garifuna and the Q'eqchi Maya People
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Flora of the Sarstoon Temash National Park and Surroundings: Species at each location

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Vegetation Transect: Midway base of quarry

Vegetation Transect: Midway high forest in new agriculture layout

Vegetation Transect: Crique Sarco swamp forest

Vegetation Transect: Conejo high forest

Vegetation Transect: Barranco I

Vegetation Transect: Barranco II

Vegetation Transect: Temash high "hill" forest

Fishes

Amphibians and Reptiles

Birds observed in the Sarstoon Temash National Park and Surroundings

Point count birds: Midway high forest

Point count birds: Midway quarry

Point count birds: Crique Sarco high forest

Point count birds: Crique Sarco river side

Point count birds: Conejo swamp forest

Point count birds: Conejo high forest

Point count birds: Sunday wood low forest

Point count birds: Barranco I

Point count birds: Barranco II

Point count birds: Temash *Manicaria* swamp

Point count birds: Temash high "hill"

Picture Record (Thumbnails)

Flora of the Sarstoon Temash National Park and Surroundings: Names and Uses

Family	Scientific name	Creole	Que'chi'	Garifuna	Uses
Acanthaceae	<i>Odontonema albiflorum</i>				
Amarylidaceae	<i>Crinum erubescens</i>				
Anacardiaceae	<i>Mosquitoxylon jamaicense</i>				
Anacardiaceae	<i>Spondias purpurea</i>	Mayplum	Ruum	Senguela	Edible fruit
Anacardiaceae	<i>Spondias sp.</i>		Po'ok		
Annonaceae	<i>Annona squamosa</i>				
Annonaceae	<i>Cymbopetalum mayanum</i>		Tulche		
Annonaceae	<i>Guatteria sp</i>		Rash Ampak, Cacao che, Pata Che		Rope
Annonaceae	<i>Malmea depressa</i>				
Annonaceae	Unknown		Matakuy		
Annonaceae	Unknown				
Annonaceae	<i>Xylopia frutescens</i>	Polewood			
Apocynaceae	<i>Allamanda cathartica</i>				
Apocynaceae	<i>Aspidosperma sp.</i>	Mylady	Op, Chekop, Cha'c'op		
Apocynaceae	<i>Couma macrocarpa</i>				
Apocynaceae	<i>Lacmella standleyi</i>		Tulche		
Apocynaceae	<i>Malouetia guatemalensis</i>				
Apocynaceae	<i>Odontadenia sp.</i>				
Apocynaceae	<i>Rhabdadenia paludose</i>				
Apocynaceae	<i>Tabernaemontana amygdalifolia</i>				
Apocynaceae	<i>Tabernaemontana arborea</i>	Horse balls	Cocowak, Cocowal		
Apocynaceae	<i>Thevetia ahouai</i>	Granpa balls	Chinchiac		Botfly treatment, heal cut wounds
Apocynaceae	Vines				
Aquifoliaceae	<i>Ilex guianensis</i>	Dogwood		lyderciguana	Firewood. charcoal
Araceae	<i>Anthurium (bakeri?)</i>				
Araceae	<i>Anthurium (scandens?)</i>				
Araceae	<i>Anthurium nr. schlechtendalii</i>	Pheasant Tail			
Araceae	<i>Anthurium trinerve</i>				
Araceae	<i>Diefenbachia oerstedii</i>	Dumb Cane			
Araceae	<i>Montrichardia arborescens</i>				
Araceae	<i>Philodendron sp.</i>		Uxb, Ush		Ornamental
Araceae	<i>Spathiphyllum sp.</i>	Plantain grove	Tyuc, Tuic		Ornamental, spathe edible
Araliaceae	<i>Dendropanax arboreus</i>	White Gumbo Limbo	Koh, Chamalte		
Araliaceae	<i>Schefflera morotoni</i>				
Arecaceae	<i>Acoelorrhaphe wrightii</i>	Pimenta			
Arecaceae	<i>Asterogyne martiana</i>				

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Areaceae	<i>Astrocaryum mexicanum</i>	Warree cohune		
Areaceae	<i>Attalea cohune</i>	Cohune	Mocooch	Heart of Palm, Palm oil, Roofing, house sidings
Areaceae	<i>Bactris major</i>	Pokenoboy		
Areaceae	<i>Bactris mexicana</i>	Pokenoboy		
Areaceae	<i>Bactris sp.</i>	Pokenoboy		
Areaceae	<i>Calyptrogyne ghiesbreghtiana</i>		Zimin	
Areaceae	<i>Chamaedorea oblongata</i>		Xate	
Areaceae	<i>Chamaeodora tepejilote</i>			
Areaceae	<i>Chamaeodora ernesti-augusti</i>		Xate	
Areaceae	<i>Cocos nucifera</i>			
Areaceae	<i>Cryosophila stauracantha</i>	Give and Take	Mes	
Areaceae	<i>Desmonchus orthocanthos</i>	Basket tie tie	Bayl	Casava strainers (wowla), furniture, baskets
Areaceae	<i>Euterpe precatoria</i>	Mountain Cabage		
Areaceae	<i>Geonoma deversa</i>		Ank'i'b	
Areaceae	<i>Geonoma sp.</i>			
Areaceae	<i>Geonoma tall</i>			
Areaceae	<i>Manicaria saccifera</i>	Comfra		
Areaceae	<i>Reinhardtia gracilis gracilis</i>			
Areaceae	<i>Sabal mauritiiformis</i>	Bayleaf	Sha'n Pamak	
Areaceae	<i>Synechantus fibrosus</i>			
Asclepidaceae	<i>Asclepias currasavica</i>			
Asteraceae	<i>Neurolena lobata</i>		Kamak	Fever, bellyache
Asteraceae	<i>Piptocarpha poeppigiana</i>			
Begoniaceae	<i>Begonia glabra</i>			
Bignoniaceae	<i>Amphitecna latifolia</i>	Calabash		
Bignoniaceae	<i>Arrabidaea verrucosa</i>			
Bignoniaceae	<i>Martinella obovata</i>			
Bignoniaceae	<i>Tabebuia rosea</i>	Mayflower	Na-cortez	
Bignoniaceae	<i>Unknown</i>	pimenta vine		
Bombacaceae	<i>Bernoullia flamea</i>			
Bombacaceae	<i>Ceiba pentandra</i>	Cotton Tree	To'lox, Inup	
Bombacaceae	<i>Ochroma pyramidalis</i>			
Bombacaceae	<i>Pachyra aquatica</i>	Provision bark	Sapoton	Blood tonic
Bombacaceae	<i>Pseudobombax sp</i>			
Boraginaceae	<i>Bourreria oxyphyllira</i>		Chi-cheh	
Boraginaceae	<i>Cordia diversifolia</i>			
Boraginaceae	<i>Cordia sp.</i>		Su-chah	
Boraginaceae	<i>Tournefortia (bicolor?)</i>			

Flora of the Sarstoon Temash National Park and Surroundings: Names and Uses

Bromeliaceae	<i>Aechmaea bracteata</i>				
Bromeliaceae	<i>Aechmea bracteata</i>				
Bromeliaceae	<i>Aechmea magdalenae</i>				
Bromeliaceae	<i>Aechmea tillandsioides</i>				
Bromeliaceae	<i>Ananas comosus</i>	Pineapple	Ch'op l'k		Edible fruit
Bromeliaceae	<i>Androlepis skinneri</i>				
Bromeliaceae	<i>Bilbergia viridiflora</i>				
Bromeliaceae	<i>Bromelia pinguin.</i>				
Bromeliaceae	<i>Guzmania scherzerianæ</i>				
Bromeliaceae	<i>Tillandsia anceps</i> Lodd.				
Bromeliaceae	<i>Tillandsia bulbosa</i> Hook.				
Bromeliaceae	<i>Tillandsia limbata</i>				
Bromeliaceae	<i>Tillandsia pruinosa</i> Sw.				
Bromeliaceae	<i>Tillandsia sp.</i>				
Bromeliaceae	<i>Tillandsia streptophylla</i>				
Bromeliaceae	<i>Vriesea gladioliflora</i>				
Bromeliaceae	<i>Vriesea heliconioides</i>				
Burseraceae	<i>Bursera simarouba</i>	Gumbolimbo	Cacah		
Burseraceae	<i>Protium multiramiflorum?</i>				
Burseraceae	<i>Protium sp.</i>		Pom-te'		
Cactaceae	<i>Epiphyllum sp.</i>				
Cactaceae	<i>Selenicereus ?</i>				
Capparidaceae	<i>Crateva tapia</i>		Cha che		
Capparidaceae	<i>Forchhammeria trifoliata</i>				
Cecropiaceae	<i>Cecropia obtusifolia</i>	Trumpet	Ah, Pohool		Use for diabetes, clean fish, smoke.
Cecropiaceae	<i>Coussapoa oligocephala</i>	Mountain Trumpet			
Cecropiaceae	<i>Pourouma bicolor</i>	Mountain Trumpet			
Celastraceae	<i>Crossopetalum eucyosum.</i>				
Celastraceae	<i>Maytenus schippii</i>				
Chrysobalanaceae	<i>Chrysobalanus icaco</i>	Cocoplum	Icac	Hygagu	Edible fruit
Chrysobalanaceae	<i>Hirtella americanae</i>	Pigeon plum	Chocho		
Chrysobalanaceae	<i>Hirtella racemosa</i>	Blossom berry			
Chrysobalanaceae	<i>Licania antidesma</i>				
Chrysobalanaceae	<i>Licania hypoleuca</i>	Pigeon plum	Sareche		Construction material
Chrysobalanaceae	<i>Licania platypus</i>	Monkey Apple			
Clethraceae	<i>Clethra?</i>				
Clethraceae	<i>Schizocardia belizensis</i>				
Clusiaceae	<i>Callophyllum brasiliense</i>	Santa Maria	Lech		Lumber, boffly treatmen
Clusiaceae	<i>Clusia cf. massoniana</i>				
Clusiaceae	<i>Clusia sp.</i>				
Clusiaceae	<i>Garcinia intermedia</i>		Care't che		

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Clusiaceae	<i>Symphonia globulifera</i>		Lech	
Clusiaceae	<i>Unknown</i>		Rashawak	
Clusiaceae	<i>Vismia camparaguei</i>	Ringworm stick		
Combretaceae	<i>Bucida buceras</i>	Bullettree		
Combretaceae	<i>Combretum cacoucia</i>			
Combretaceae	<i>Combretum laxum</i>			
Combretaceae	<i>Terminalia amazonia</i>	Nargusta, Bully Tree	Anchan	Lumber
Connaraceae	<i>Connarus lamberti</i>			
Convolvulaceae	<i>Ipomoea alba</i>			
Convolvulaceae	<i>Ipomoea sp.</i>			
Convolvulaceae	<i>Maripa nicaraguensis</i>			
Costaceae	<i>Costus guianensis</i>		Chu-un	
Costaceae	<i>Costus sp.</i>		Ch'un	seeds used as bait for ground doves
cucurbitaceae	<i>Gurania makoyana</i>			
Cyclanthaceae	<i>Asplundia sp.</i>		Tiuk	
Cyclanthaceae	<i>Cyclanthus bipartitus</i>			
Cyperaceae	<i>Hypolytrum longifolium</i>			
Cyperaceae	<i>Oxycaryum (Scirpus) cubense</i>			CS
Cyperaceae	<i>Scleria bracteata</i>	Cutting Grass	Sec	
Cyperaceae	<i>Scleria sp.</i>			
Cyrillaceae	<i>Cyrilla racemiflora</i>			
Dichapetalaceae	<i>Dichapetalum donnell-smithii var. chiapasense</i>			
Dilleniaceae	<i>Davilla sp.</i>		Kakik aham	Rope
Dioscoreaceae	<i>Dioscorea sp.</i>			
Dracaenaceae	<i>Dracaena americana</i>		Tuut	
Eleocarpaceae	<i>Sloanea tuerckheimi</i>	Wild Anatto	Cakizul	
Erythroxylaceae	<i>Erythroxylon guatemalensis</i>			
Euphorbiaceae	<i>Acalypha sp.</i>			Medical for broken bones
Euphorbiaceae	<i>Alchornea latifolia</i>			
Euphorbiaceae	<i>Amanoa guianensns</i>			
Euphorbiaceae	<i>Dalechampia sp.</i>			
Euphorbiaceae	<i>Margaritaria nobilis</i>		Squa colol	
Euphorbiaceae	<i>Pera barbelata</i>			
Fabaceae	"John Crow Bead"			
Fabaceae: Caesa	<i>Bauhinia glabra/sericella</i>		Tao-mach	
Fabaceae: Caesa	<i>Caesalpinia bonduc</i>			
Fabaceae: Caesa	<i>Dialium guianense</i>	Tamran, Ironwood	Quo'chil	
Fabaceae: Caesa	<i>Schizolobium parahyba</i>	Quamwood		
Fabaceae: Caesa	<i>Senna papilionaria</i>		Carabaas che	
Fabaceae: Caesa	<i>Senna reticulata</i>			
Fabaceae: Caesa	<i>Unknown</i>	Tambran		

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Fabaceae: Mimos <i>Acacia sp.</i>	Cockspur	Sub'in	Snakebite treatment
Fabaceae: Mimos <i>Acacia sp.</i>			
Fabaceae: Mimos <i>Calliandra confusa?</i>			
Fabaceae: Mimos <i>Cojoba arborea</i>		Chocolte	
Fabaceae: Mimos <i>Cojoba graciliflora</i>			
Fabaceae: Mimos <i>Entanda gigas</i>			
Fabaceae: Mimos <i>Inga quaternata</i>			
Fabaceae: Mimos <i>Inga sp.</i>		Chochok	
Fabaceae: Mimos <i>Inga vera</i>	Bribri	Bribri	
Fabaceae: Mimos <i>Mimosa pudica</i>			
Fabaceae: Mimos <i>Mimosa tarda</i> Barneby			
Fabaceae: Mimos <i>Pithecellobium sp.</i>			
Fabaceae: Mimos <i>Zygia gigantifolia</i>			
Fabaceae: Mimos <i>Zygia peckii</i>	Turtlebone		
Fabaceae: Papili <i>Acosmium panamense</i>			
Fabaceae: Papili <i>Andira inermis</i>	Blossom berry		
Fabaceae: Papili <i>Calopogonium sp.</i>		Tchint	
Fabaceae: Papili <i>Dalbergia monetaria</i> L. f.			
Fabaceae: Papili <i>Dalbergia stevensoni</i>	Rosewood		
Fabaceae: Papili <i>Dalbergia sp.?</i>		Rasul	
Fabaceae: Papili <i>Dalbergia vine</i>			
Fabaceae: Papili <i>Desmodium</i>		Chintepim	
Fabaceae: Papili <i>Erythrina folkersii</i>		Zimte	
Fabaceae: Papili <i>Hymenea coubaril</i>			
Fabaceae: Papili <i>Lonchocarpus castilloi</i>	Black Cabbage Bark		
Fabaceae: Papili <i>Lonchocarpus guatemalensis</i>			
Fabaceae: Papili <i>Lonchocarpus latifolius</i>			
Fabaceae: Papili <i>Lonchocarpus rugosus</i>		Kah-te	
Fabaceae: Papili <i>Lonchocarpus rugosus</i>			
Fabaceae: Papili <i>Lonchocarpus sp.</i>		Anamal	
Fabaceae: Papili <i>Machaerium falciforme</i>			
Fabaceae: Papili <i>Machaerium sp.</i>			
Fabaceae: Papili <i>Mucuna sp.</i>			
Fabaceae: Papili <i>Ormosia macrocalyx</i>			
Fabaceae: Papili <i>Ormosia sp.</i>			
Fabaceae: Papili <i>Platymiscium yucatenense</i>		Sankilche = anttree	
Fabaceae: Papili <i>Pterocarpus officinalis</i>	Kaway	Bilix	
Fabaceae: Papili <i>Swartzia cubensis</i>			
Fabaceae: Papili <i>Sweetia panamensis</i>			
Fabaceae: Papili <i>Vatairea lundelli</i>		Rasul	
Flacourtiaceae <i>Casearia (sylvestris)?</i>			
Flacourtiaceae <i>Casearia sp.</i>			
Flacourtiaceae <i>Casearia tacanensis</i> Lundel			
Flacourtiaceae <i>Laetia sp.</i>		QuolQuol	
Flacourtiaceae <i>Laetia thamnia</i>			
Flacourtiaceae <i>Unknown</i>			
Flacourtiaceae <i>Zuleana guidonia</i>		Mai-te'	

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Heliconiaceae	<i>Heliconia auritum</i>					
Heliconiaceae	<i>Heliconia latispatha</i>					
Heliconiaceae	<i>Heliconia vaginalis</i>					
Hymenophyllaceae	<i>Trichomanes ??</i>					
Icacaceae?	<i>Unknown</i>				Kunche	
Lacistemataceae	<i>Lacistema aggregatum</i>	Bastard			Haache	
		coffee				
Lauraceae	<i>Nectandra hihua</i>					
Lauraceae	<i>Nectandra nitida</i>					
Lauraceae	<i>Ocotea?</i>				Paqchew	
Lauraceae	<i>Unknown</i>	Laurel				
Lecythidaceae	<i>Grias cauliflora</i>	Bongo Wood				
Loganiaceae	<i>Strychnos panamensis</i>				Odash	
Loranthaceae	<i>Struthanthus sp.</i>	Scorn the			Ne'bapim	Medicinal
		ground				bath for high
						fever
Lycopodiaceae	<i>Huperzia linifolia</i>					
Lycopodiaceae	<i>Lycopodiella cernua</i>	Cactus plant				Ornamental
Malpighiaceae	<i>Byrsonimia crassifolia</i>	Craboo				
Malvaceae	<i>Hampea sp</i>				Q'Ampac	
Malvaceae	<i>Malvaviscus arborea</i>					
Malvaceae	<i>Pavonia paludicola</i>					
Malvaceae	<i>Sida sp.</i>					
Marantaceae	<i>Calathea sp</i>	Waha leaf	Mosh	Gasseb		Food wrapper
Marcgraviaceae	<i>Souroubea sp.</i>					
Melastomataceae	<i>Bellucia pentamera</i>					
Melastomataceae	<i>Clidemia (sericea, hirta?)</i>	Hairy tom		Higugu		Edible fruit
Melastomataceae	<i>Conostegia sp</i>	Sace Asir				
Melastomataceae	<i>Leandra sp.</i>					
Melastomataceae	<i>Miconia impetiolaris</i>					
Melastomataceae	<i>Miconia sp.</i>		Sake-Asir			
Melastomataceae	<i>Mouriri exilis</i>		hu-ruch ahon			Planting stick
Melastomataceae	<i>Mouriri myrtiloides</i>		Schna hu-ruch			Planting stick
Melastomataceae	<i>Tococca guianensis</i>	Broad-leaf	Sac Asir			
		sirin				
Melastomataceae	<i>Unknown</i>		Kaki Asir			
Meliaceae	<i>Carapa guianensis</i>	Bastard		Warawere		Lumber
		Mahogany				
Meliaceae	<i>Cedrela odorata</i>	Cedar	Muy			
Meliaceae	<i>Guarea glabra</i>					
Meliaceae	<i>Guarea sp.</i>					
Meliaceae	<i>Guarea, small leaf</i>					
Meliaceae	<i>Swietenia macrophylla</i>	Mahogany				
Meliaceae	<i>Trichilia martiana (?)</i>					
Meliaceae	<i>Trichilia pallida = montana (?)</i>					
Meliaceae	<i>Trichilia sp.</i>					
Meliaceae	<i>Unknown</i>					

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Menispermaceae	<i>Abuta panamensis</i>			
Menispermaceae	<i>Cissampelos pareira</i>			
Menispermaceae	<i>Unknown</i>			
Monimiaceae	<i>Siparuna tecaphora</i>			Chunche
Moraceae	<i>Brosimum sp.</i>	Ramon, Breadnut		
Moraceae	<i>Ficus insipida</i>	Amate		
Moraceae	<i>Ficus sp.</i>			
Moraceae	<i>Maclura tinctoria</i>			
Moraceae	<i>Pseudolmedia sp.</i>			Qua-chil
Moraceae	<i>Trophis mexicana</i>			
Myricaceae	<i>Myrica seriffera</i>			
Myristicaceae	<i>Compsonaura sprucei</i>			
Myristicaceae	<i>Virola sp.</i>	Banak		Chich-tez
Myrsinaceae	<i>Ardisia nigrescens</i>			
Myrsinaceae	<i>Ardisia sp.</i>			
Myrsinaceae	<i>Parathesis sessiliflora?</i>			
Myrtaceae	<i>Calyptranthes karlingii</i>			
Myrtaceae	<i>Calyptranthes sp.</i>			
Myrtaceae	<i>Eugenia sp.</i>	Wild guava		Fence post, Baton, Planting stick
Myrtaceae	<i>Eugenia sp.</i>			
Myrtaceae	<i>Psidium guajava</i>	Guava	Pata, Pa-tah'	Medicinal against diarrhea
Myrtaceae	<i>Syzygium jambos</i>	Rose Apple		
Myrtaceae	<i>Syzygium malaccense</i>	Malay Apple		
Ochnaceae	<i>Ouratea sp.</i>			
Olacaceae	<i>Heisteria media</i>			
Olacaceae	<i>Ximenia americana L. var. americana</i>			
Orchidaceae	<i>Catasetum egertonianum</i>			
Orchidaceae	<i>Epidendrum imatophyllum</i>			
Orchidaceae	<i>Gongora quinquenervis</i>			
Orchidaceae	<i>Macradenia brassavolae</i>			
Orchidaceae	<i>Myrmecophilla brysiana</i>			
Orchidaceae	<i>Myrmecophilla tibicinis</i>			
Orchidaceae	<i>Oeceoclades maculata</i>			
Orchidaceae	<i>Pleurothallus sp</i>			
Orchidaceae	<i>Polystachya clavata</i>			
Orchidaceae	<i>Sobralia sp.</i>			
Orchidaceae	<i>Trigonium egertonianum</i>			
Orchidaceae	<i>Vanilla (hartii?)</i>			Che tzibic
Orchidaceae	<i>Vanilla sp.</i>			
Passifloraceae	<i>Passiflora ambigua</i>			Umbats
Passifloraceae	<i>Passiflora biflora</i>			
Passifloraceae	<i>Passiflora oerstedii</i>			
Passifloraceae	<i>Passiflora pittieri</i>			
Passifloraceae	<i>Passiflora serratifolia</i>			
Piperaceae	<i>Peperomia sp.</i>			

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Piperaceae	<i>Piper sp.</i>			Poh chuch	
Poaceae	<i>Guadua longifolia</i>	Spiny bamboo			
Poaceae	<i>Gynerium sagittatum</i>	Wild cane	Tine	Maburu	Sidings for houses
Poaceae	<i>Unknown</i>	small bamboo			
Podocarpaceae	<i>Podocarpus guatemalensis</i>				
Polygonaceae	<i>Coccoloba belizensis</i>	Grape			
Polygonaceae	<i>Coccoloba sp.</i>		Chamalte		
Polygonaceae	<i>Coccoloba sp.</i>		Pohchik		
Polygonaceae	<i>Coccoloba sp.</i>				
Proteaceae	<i>Roupala montana</i>				
Pteridophyta	<i>Acrostychnum aureum</i>				
Pteridophyta	<i>Antrophyum ensiforme</i>				
Pteridophyta	<i>Fern</i>				Ornamental
Pteridophyta	<i>Hymenophyllum sp.</i>				
Pteridophyta	<i>Lindsaea lancea</i>				
Pteridophyta	<i>Schizea elegans</i>				
Pteridophyta	<i>Treefern</i>				
Pteridophyta	<i>Trichomanes pinnatum</i>				
Pteridophyta	<i>Trichomanes sp.</i>				
Pteridophyta	<i>Vittaria costata</i>				
Rhamnaceae	<i>Gouannia sp.</i>				
Rhizophoraceae	<i>Cassipourea guianensis</i>	Waterwood			
Rhizophoraceae	<i>Rhizophora mangle</i>	Red Mangrove			
Rubiaceae	<i>Alibertia edulis</i>				
Rubiaceae	<i>Alseis hondurensis</i>				
Rubiaceae	<i>Amaouia corymbosa</i>	Wild coffee	Sakitzol		Firewood
Rubiaceae	<i>Appunia guatemalensis</i>		Capeache		
Rubiaceae	<i>Chiococca alba</i>				
Rubiaceae	<i>Faramea sp.</i>				
Rubiaceae	<i>Genipa americana L.</i>				
Rubiaceae	<i>Guattardia combsii</i>	Glassywood	Salche, Pomte, Patache		
Rubiaceae	<i>Hamelia rovirosae</i>				
Rubiaceae	<i>Lindenia rivalis</i>				
Rubiaceae	<i>Morinda panamensis</i>				
Rubiaceae	<i>Palicourea crocea</i>				
Rubiaceae	<i>Posoqueria latifolia</i>				
Rubiaceae	<i>Psychotria alata</i>				
Rubiaceae	<i>Psychotria chiapensis</i>				
Rubiaceae	<i>Psychotria grandis</i>				
Rubiaceae	<i>Psychotria poeppigiana</i>	Hotlips			
Rubiaceae	<i>Psychotria sp.</i>				
Rubiaceae	<i>Randia genipifolia</i>				
Rubiaceae	<i>Randia sp.</i>				
Rubiaceae	<i>Rehdera penninervia</i>			Ha'ah-che	

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Rubiaceae	<i>Simara salvadorensis</i>	Redwood	Ko'lai, Quolei	
Rubiaceae	<i>Unknown</i>			
Rutaceae	<i>Esenbeckia pentaphylla</i>			
Rutaceae	<i>Zanthoxylum sp</i>	Lagarto	Poip	
Sapindaceae	<i>Allophylus ?</i>			
Sapindaceae	<i>Cupania sp?</i>	Grande Betty	Goh	Rafters, Poles
Sapindaceae	<i>Matayba opositifolia</i>	Boy Job		
Sapindaceae?	<i>Unknown</i>			
Sapotaceae	<i>Manilkara zapote</i>	Chicosapote	Muy	
Sapotaceae	<i>Manilkara chicle</i>	Chicle macho		
Sapotaceae	<i>Pouteria amygdaloides</i>			
Sapotaceae	<i>Pouteria campechiana</i>			
Sapotaceae	<i>Pouteria sp.</i>			
Sapotaceae	<i>Sideroxylon sp.</i>			
Sapotaceae	<i>Chrysophyllum mexicanum</i>	Caimito		
Schizeaceae	<i>Schizaea poeppigiana.</i>			
Selaginellaceae	<i>Selaginella</i>			
Simarubaceae	<i>Simarouba glauca</i>	Negrito		
Smilacaceae	<i>Smilax regelii</i>			
Smilacaceae	<i>Smilax sp.</i>			
Solanaceae	<i>Solanum nudum Dunal</i>			
Solanaceae	<i>Solanum sp.</i>		Pixpik'ix	
Solanaceae	<i>Solanum torvum</i>		Pagh	Medical
Sphagnaceae	<i>Sphagnum (subsecundum?)</i>			
Sterculiaceae	<i>Byttneria sp.</i>			
Sterculiaceae	<i>Guazuma ulmifolia</i>	Bay Cedar	Chambai, Cah'Bay	Medical
Sterculiaceae	<i>Sterculia mexicana</i>		Chicot	Rope
Symplocaceae	<i>Symplocos martinicensis</i>			
Theaceae	<i>Ternstroemia tepezapote</i>			
Theophrastaceae	<i>Deheraina smaragdifolia</i>			
Tiliaceae	<i>Trichospermum grewiifolium</i>	Narrowleaf moho	Chahip, Mokopal	Rope
Turneraceae	<i>Erblichia odorata</i>		Konop	
Ulmaceae	<i>Ampelocera hottlei</i>	Luin	Chamalte	
Ulmaceae	<i>Celtis sp.</i>			
Ulmaceae	<i>Trema micrantha</i>			
Unknown	<i>Unknown, compound leaf</i>			
Unknown	<i>Unknown</i>		Thera	
Unknown	<i>Unknown</i>		Lyck Cancya	
Unknown	<i>Unknown</i>		Kix bib	
Unknown	<i>Vines</i>			
Unknown	<i>Vines</i>		Sinak	
Unkown	<i>No 1.</i>			
Urticaceae	<i>Laportea aestuans</i>			
Verbenaceae	<i>Stachytarpheta cayennensis</i>			
Verbenaceae	<i>Vitex gaumeri</i>	Fiddlewood	Quamo	

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Verbenaceae	<i>Vitex kuyleni</i>	Fiddlewood	Quamo		
Violaceae	<i>Rinorea hummelii</i>				
Vitaceae	<i>Unknown</i>				
Vochysiaceae	<i>Vochysia hondurensis</i>	Emery	San Juan	Yemeri	Lumber
Zamiaceae	<i>Zamia variegata</i>				
Zingiberaceae	<i>Renealmia sp.</i>				

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Acanthaceae	<i>Odontonema albiflorum</i>	X																				
Amarylidaceae	<i>Crinum erubescens</i>									X						X						
Anacardiaceae	<i>Mosquitoxylon jamaicense</i>								X													
Anacardiaceae	<i>Spondias purpurea</i>	X																				
Anacardiaceae	<i>Spondias sp.</i>													X				X		X		
Annonaceae	<i>Annona squamosa</i>																				X	
Annonaceae	<i>Cymbopetalum mayanum</i>								X												X	
Annonaceae	<i>Gutteria sp</i>	X					X	X				X										
Annonaceae	<i>Malmea depressa</i>			X																	1	
Annonaceae	<i>Unknown</i>											X										
Annonaceae	<i>Unknown</i>						X															
Annonaceae	<i>Xylopia frutescens</i>	X		X	X		X					X									X	
Apocynaceae	<i>Allamanda cathartica</i>			X																	1	
Apocynaceae	<i>Aspidosperma sp.</i>						X	X				X				X	X			X		
Apocynaceae	<i>Couma macrocarpa</i>				X																	
Apocynaceae	<i>Lacmella standleyi</i>			X	X		X		X												X	
Apocynaceae	<i>Malouetia guatemalensis</i>	X	X																			
Apocynaceae	<i>Odontadenia sp.</i>												X									
Apocynaceae	<i>Rhabdadenia paludosa</i>			X																	2	
Apocynaceae	<i>Tabernaemontana amygdalifolia</i>															X						
Apocynaceae	<i>Tabernaemontana arborea</i>		X							X	X		X									
Apocynaceae	<i>Thevetia ahouai</i>	X		X						X			X				X				X	
Apocynaceae	<i>Vines</i>															X						

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Aquifoliaceae	<i>Ilex guianensis</i>	X				X											X				X	
Araceae	<i>Anthurium (bakeri?)</i>		X								X											X
Araceae	<i>Anthurium (scandens?)</i>		X							X					X		X					
Araceae	<i>Anthurium nr. schlechtendalii</i>													X						X		
Araceae	<i>Anthurium trinerve</i>			X																		
Araceae	<i>Diefenbachia oerstedii</i>										X											
Araceae	<i>Montrichardia arborescens</i>	X	X	X							X						X					X
Araceae	<i>Philodendron sp.</i>	X				X						X										
Araceae	<i>Spathiphyllum sp.</i>	X																				
Araliaceae	<i>Dendropanax arboreus</i>			X		X							X	X					X			X
Araliaceae	<i>Schefflera morotoni</i>				X																	
Arecaceae	<i>Acoelorrhaphe wrightii</i>				X			X									X					
Arecaceae	<i>Asterogyne martiana</i>								X					X								X
Arecaceae	<i>Astrocaryum mexicanum</i>			X		X	X		X		X		X	X			X		X			X
Arecaceae	<i>Attalea cohune</i>	X		X							X		X	X	X		X		X			X
Arecaceae	<i>Bactris major</i>									X	X		X				X					
Arecaceae	<i>Bactris mexicana</i>	X															X					
Arecaceae	<i>Bactris sp.</i>					X													X			X
Arecaceae	<i>Calyptrogyne ghiesbreghtiana</i>			X						X	X								X			X
Arecaceae	<i>Chamaedorea oblongata</i>																					X
Arecaceae	<i>Chamaedorea tepejilote</i>													X								

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Arecaceae	<i>Chamaeodorea ernesti-augusti</i>													X								
Arecaceae	<i>Cocos nucifera</i>														X							
Arecaceae	<i>Cryosophila stauracantha</i>			X					X	X			X				X	X			X	
Arecaceae	<i>Desmonchus orthocanthos</i>	X	X		X												X	X			X	
Arecaceae	<i>Euterpe precatoria</i>			X		X	X		X								X				X	
Arecaceae	<i>Geonoma deversa</i>						X					X						X			X	
Arecaceae	<i>Geonoma sp.</i>						X		X													2
Arecaceae	<i>Geonoma tall</i>												X									
Arecaceae	<i>Manicaria saccifera</i>				X	X									X		X					
Arecaceae	<i>Reinhardtia gracilis gracilis</i>	X			X		X															
Arecaceae	<i>Sabal mauritiiformis</i>			X					X				X								X	
Arecaceae	<i>Synechantus fibrosus</i>						X					X									X	
Asclepidaceae	<i>Asclepias currasavica</i>																	X				
Asteraceae	<i>Neurolena lobata</i>											X										
Asteraceae	<i>Piptocarpha poeppigiana</i>											X										
Begoniaceae	<i>Begonia glabra</i>													X								
Bignoniaceae	<i>Amphitecna latifolia</i>			X						X	X											
Bignoniaceae	<i>Arrabidaea verrucosa</i>			X																		1
Bignoniaceae	<i>Martinella obovata</i>			X																		1
Bignoniaceae	<i>Tabebuia rosea</i>									X						X						
Bignoniaceae	<i>Unknown</i>												X									
Bombacaceae	<i>Bernoullia flamea</i>									X												
Bombacaceae	<i>Ceiba pentandra</i>											X				X						
Bombacaceae	<i>Ochroma pyramidalis</i>													X								

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Bombacaceae	<i>Pachyra aquatica</i>	x		x							x					x		x				
Bombacaceae	<i>Pseudobombax sp</i>													x								
Boraginaceae	<i>Bouyeria oxyphyllira</i>											x	x									
Boraginaceae	<i>Cordia diversifolia</i>			x																		1
Boraginaceae	<i>Cordia sp.</i>											x										x
Boraginaceae	<i>Tournefortia (bicolor?)</i>															x						
Bromeliaceae	<i>Aechmaea bracteata</i>				x																	
Bromeliaceae	<i>Aechmea bracteata</i>																	x				
Bromeliaceae	<i>Aechmea magdalenae</i>													x								
Bromeliaceae	<i>Aechmea tillandsioides</i>															x						
Bromeliaceae	<i>Ananas comosus</i>	x			x																	
Bromeliaceae	<i>Androlepis skinneri</i>			x	x																	x
Bromeliaceae	<i>Bilbergia viridiflora</i>			x																		2
Bromeliaceae	<i>Bromelia pinguin.</i>									x												
Bromeliaceae	<i>Guzmania scherzeriana</i>														x							
Bromeliaceae	<i>Tillandsia anceps Lodd.</i>			x																		2
Bromeliaceae	<i>Tillandsia bulbosa Hook.</i>			x																		2
Bromeliaceae	<i>Tillandsia limbata</i>					x																2
Bromeliaceae	<i>Tillandsia pruinosa Sw.</i>			x																		2
Bromeliaceae	<i>Tillandsia sp.</i>																	x				
Bromeliaceae	<i>Tillandsia streptophylla</i>			x																		2
Bromeliaceae	<i>Vriesea gladioliflora</i>			x	x												x					
Bromeliaceae	<i>Vriesea heliconioides</i>																					x
Burseraceae	<i>Bursera simarouba</i>												x						x			x
Burseraceae	<i>Protium multiramiflorum?</i>											x										
Burseraceae	<i>Protium sp.</i>						x			x		x	x	x					x			x
Cactaceae	<i>Epiphyllum sp.</i>			x																		2
Cactaceae	<i>Selenicereus ?</i>	x																				
Capparidaceae	<i>Crateva tapia</i>																					x
Capparidaceae	<i>Forchhammeria trifoliata</i>																					

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Cecropiaceae	<i>Cecropia obtusifolia</i>	x		x												x						
Cecropiaceae	<i>Coussapoa oligocephala</i>																				x	
Cecropiaceae	<i>Pourouma bicolor</i>							x														
Celastraceae	<i>Crossopetalum eucyosum</i>			x			x														2	
Celastraceae	<i>Maytenus schippii</i>			x				x													2	
Chrysobalanaceae	<i>Chrysobalanus icaco</i>	x		x																		
Chrysobalanaceae	<i>Hirtella americanae</i>	x					x		x				x								x	
Chrysobalanaceae	<i>Hirtella racemosa</i>		x	x	x								x									
Chrysobalanaceae	<i>Licania antidesma</i>													x								
Chrysobalanaceae	<i>Licania hypoleuca</i>	x			x		x		x												x	
Chrysobalanaceae	<i>Licania platypus</i>															x					x	
Clethraceae	<i>Clethra?</i>						x															
Clethraceae	<i>Schizocardia belizensis</i>							x														
Clusiaceae	<i>Callophyllum brasiliense</i>	x		x	x	x	x	x		x	x						x				x	
Clusiaceae	<i>Clusia cf. massoniana</i>				x																	
Clusiaceae	<i>Clusia sp.</i>									x												
Clusiaceae	<i>Garcinia intermedia</i>												x								x	
Clusiaceae	<i>Symphonia globulifera</i>			x	x	x		x			x						x		x		x	
Clusiaceae	<i>Unknown</i>																				x	
Clusiaceae	<i>Vismia camparaguei</i>																				x	
Combretaceae	<i>Bucida buceras</i>			x							x											

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Combretaceae	<i>Combretum cacoucia</i>			X																	1	
Combretaceae	<i>Combretum laxum</i>			X								X										
Combretaceae	<i>Terminalia amazonia</i>	X	X	X		X	X		X				X				X				X	
Connaraceae	<i>Connarus lamberti</i>					X		X									X					
Convolvulaceae	<i>Ipomoea alba</i>		X																			
Convolvulaceae	<i>Ipomoea sp.</i>															X						
Convolvulaceae	<i>Maripa nicaraguensis</i>			X																	1	
Costaceae	<i>Costus guianensis</i>																				X	
Costaceae	<i>Costus sp.</i>											X	X						X			
cucurbitaceae	<i>Gurania makoyana</i>													X								
Cyclanthaceae	<i>Asplundia sp.</i>						X														X	
Cyclanthaceae	<i>Cyclanthus bipartitus</i>																	X			X	
Cyperaceae	<i>Hypolytrum longifolium</i>			X																	2	
Cyperaceae	<i>Oxycaryum (Scirpus) cubense</i>																	X				
Cyperaceae	<i>Scleria bracteata</i>																X					
Cyperaceae	<i>Scleria sp.</i>	X			X												X					
Cyrillaceae	<i>Cyrilla racemiflora</i>							X														
Dichapetalaceae	<i>Dichapetalum donnell-smithii var. chiapasense</i>												X									
Dilleniaceae	<i>Davilla sp.</i>											X										
Dioscoreaceae	<i>Dioscorea sp.</i>			X		X															X	
Dracaenaceae	<i>Dracaena americana</i>								X	X		X		X							X	
Eleocarpaceae	<i>Sloanea tuerckheimi</i>		X		X	X	X		X								X				X	
Erythroxylaceae	<i>Erythroxylon guatemalensis</i>	X	X	X													X					
Euphorbiaceae	<i>Acalypha sp.</i>		X															X				
Euphorbiaceae	<i>Alchornea latifolia</i>					X	X					X										
Euphorbiaceae	<i>Amanoa guianensns</i>			X																	2	

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Euphorbiaceae	<i>Dalechampia sp.</i>																	X				
Euphorbiaceae	<i>Margaritaria nobilis</i>			X								X										
Euphorbiaceae	<i>Pera barbelata</i>					X	X															
Fabaceae	"John Crow Bead"					X									X							
Fabaceae: Caesa	<i>Bauhinia glabra/sericella</i>											X							X		X	
Fabaceae: Caesa	<i>Caesalpinia bonduc</i>															X						
Fabaceae: Caesa	<i>Dialium guianense</i>						X		X										X		X	
Fabaceae: Caesa	<i>Schizolobium parahyba</i>															X						
Fabaceae: Caesa	<i>Senna papilionaria</i>											X										
Fabaceae: Caesa	<i>Senna reticulata</i>													X				X				
Fabaceae: Caesa	Unknown												X									
Fabaceae: Mimos	<i>Acacia sp.</i>	X	X						X				X				X		X		X	
Fabaceae: Mimos	<i>Acacia sp.</i>			X																	2	
Fabaceae: Mimos	<i>Calliandra confusa?</i>			X											X	X	X				2	
Fabaceae: Mimos	<i>Cojoba arborea</i>			X									X			X					X	
Fabaceae: Mimos	<i>Cojoba graciliflora</i>			X																	1	
Fabaceae: Mimos	<i>Entanda gigas</i>																				X	
Fabaceae: Mimos	<i>Inga quaternata</i>			X																	1	
Fabaceae: Mimos	<i>Inga sp.</i>											X	X			X					X	
Fabaceae: Mimos	<i>Inga vera</i>															X		X				
Fabaceae: Mimos	<i>Mimosa pudica</i>																	X				
Fabaceae: Mimos	<i>Mimosa tarda Barneby</i>			X																	1	
Fabaceae: Mimos	<i>Pithecellobium sp.</i>																X					
Fabaceae: Mimos	<i>Zygia gigantifolia</i>										X											
Fabaceae: Mimos	<i>Zygia peckii</i>			X																	1	
Fabaceae: Papili	<i>Acosmium panamense</i>			X																	2	
Fabaceae: Papili	<i>Andira inermis</i>										X			X		X					X	
Fabaceae: Papili	<i>Calopogonium sp.</i>											X										

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Fabaceae: Papili	<i>Dalbergia monetaria</i> L. f.			X																		1
Fabaceae: Papili	<i>Dalbergia stevensoni</i>												X				X					
Fabaceae: Papili	<i>Dalbergia</i> sp.?								X													
Fabaceae: Papili	<i>Dalbergia</i> vine			X																		
Fabaceae: Papili	<i>Desmodium</i>											X										
Fabaceae: Papili	<i>Erythrina folkersii</i>			X																		X
Fabaceae: Papili	<i>Hymenea coubaril</i>						X						X	X								X
Fabaceae: Papili	<i>Lonchocarpus castilloi</i>																					X
Fabaceae: Papili	<i>Lonchocarpus guatemalensis</i>			X												X		X				
Fabaceae: Papili	<i>Lonchocarpus latifolius</i>			X																		1
Fabaceae: Papili	<i>Lonchocarpus rugosus</i>											X										2
Fabaceae: Papili	<i>Lonchocarpus rugosus</i>			X									X									
Fabaceae: Papili	<i>Lonchocarpus</i> sp.											X	X									
Fabaceae: Papili	<i>Machaerium falciforme</i>			X																		1
Fabaceae: Papili	<i>Machaerium</i> sp.			X									X		X							
Fabaceae: Papili	<i>Mucuna</i> sp.															X						
Fabaceae: Papili	<i>Ormosia macrocalyx</i>			X																		1
Fabaceae: Papili	<i>Ormosia</i> sp.			X													X					
Fabaceae: Papili	<i>Platymiscium yucatenense</i>													X								
Fabaceae: Papili	<i>Pterocarpus officinalis</i>	X		X		X				X				X					X		X	
Fabaceae: Papili	<i>Swartzia cubensis</i>			X											X							
Fabaceae: Papili	<i>Sweetia panamensis</i>												X									
Fabaceae: Papili	<i>Vatairea lundelli</i>								X	X												X
Flacourtiaceae	<i>Casearia (sylvestris?)</i>											X										
Flacourtiaceae	<i>Casearia</i> sp.						X					X										
Flacourtiaceae	<i>Casearia tacanensis</i> Lundel			X																		1
Flacourtiaceae	<i>Laetia</i> sp.		X						X													
Flacourtiaceae	<i>Laetia thamnia</i>												X									
Flacourtiaceae	Unknown													X					X			
Flacourtiaceae	<i>Zuleana guidonia</i>	X										X	X						X		X	

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Heliconiaceae	<i>Heliconia auritum</i>												X									
Heliconiaceae	<i>Heliconia latispatha</i>															X						
Heliconiaceae	<i>Heliconia vaginalis</i>												X					X			X	
Hymenophyllaceae	<i>Trichomanes ??</i>						X															
Icacaceae?	<i>Unknown</i>								X					X								
Lacistemataceae	<i>Lacistema aggregatum</i>	X										X	X				X				X	
Lauraceae	<i>Nectandra hihua</i>			X																		1
Lauraceae	<i>Nectandra nitida</i>			X																		1
Lauraceae	<i>Ocotea?</i>												X									
Lauraceae	<i>Unknown</i>						X						X									
Lecythidaceae	<i>Grias cauliflora</i>		X	X	X	X				X							X		X			
Loganiaceae	<i>Strychnos panamensis</i>			X												X						
Loranthaceae	<i>Struthanthus sp.</i>	X																				
Lycopodiaceae	<i>Huperzia linifolia</i>						X															2
Lycopodiaceae	<i>Lycopodiella cernua</i>	X																				
Malpighiaceae	<i>Byrsonimia crassifolia</i>							X									X				X	
Malvaceae	<i>Hampea sp</i>																					
Malvaceae	<i>Malvaviscus arborea</i>															X						
Malvaceae	<i>Pavonia paludicola</i>			X																		1
Malvaceae	<i>Sida sp.</i>																	X				
Marantaceae	<i>Calathea sp</i>	X																	X			
Marcgraviaceae	<i>Souroubea sp.</i>			X	X					X						X						
Melastomataceae	<i>Bellucia pentamera</i>													X								
Melastomataceae	<i>Clidemia (sericea, hirta?)</i>	X										X										
Melastomataceae	<i>Conostegia sp</i>											X										
Melastomataceae	<i>Leandra sp.</i>																					
Melastomataceae	<i>Miconia impetiolearis</i>												X									X

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Melastomataceae	<i>Miconia sp.</i>				X		X					X						X			X	
Melastomataceae	<i>Mouriri exilis</i>	X		X	X	X	X															
Melastomataceae	<i>Mouriri myrtiloides</i>	X				X								X								X
Melastomataceae	<i>Tococca guianensis</i>	X		X			X										X					
Melastomataceae	Unknown												X									X
Meliaceae	<i>Carapa guianensis</i>	X	X	X		X																
Meliaceae	<i>Cedrela odorata</i>													X		X						
Meliaceae	<i>Guarea glabra</i>			X																		1
Meliaceae	<i>Guarea sp.</i>						X															
Meliaceae	<i>Guarea, small leaf</i>													X								
Meliaceae	<i>Swietenia macrophylla</i>						X		X													X
Meliaceae	<i>Trichilia martiana (?)</i>															X						
Meliaceae	<i>Trichilia pallida = montana (?)</i>															X						
Meliaceae	<i>Trichilia sp.</i>																		X			
Meliaceae	Unknown													X								
Menispermaceae	<i>Abuta panamensis</i>												X									
Menispermaceae	<i>Cissampelos pareira</i>												X	X								
Menispermaceae	Unknown																		X			
Monimiaceae	<i>Siparuna tecaphora</i>										X	X										
Moraceae	<i>Brosimum sp.</i>													X								X
Moraceae	<i>Ficus insipida</i>															X		X				
Moraceae	<i>Ficus sp.</i>																X					X
Moraceae	<i>Maclura tinctoria</i>		X																			
Moraceae	<i>Pseudolmedia sp.</i>							X														
Moraceae	<i>Trophis mexicana</i>		X																			
Myricaceae	<i>Myrica seriffera</i>			X													X					
Myricaceae	<i>Compsoeura sprucei</i>									X												

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Myristicaceae	<i>Virola sp.</i>			X			X			X									X		X	
Myrsinaceae	<i>Ardisia nigrescens</i>			X																		1
Myrsinaceae	<i>Ardisia sp.</i>											X					X					
Myrsinaceae	<i>Parathesis sessiliflora?</i>											X										
Myrtaceae	<i>Calyptanthes karlingii</i>			X																		2
Myrtaceae	<i>Calyptanthes sp.</i>			X															X			
Myrtaceae	<i>Eugenia sp.</i>	X			X	X	X					X										
Myrtaceae	<i>Eugenia sp.</i>			X																		2
Myrtaceae	<i>Psidium guajava</i>	X										X										
Myrtaceae	<i>Syzygium jambos</i>	X	X																			
Myrtaceae	<i>Syzygium malaccense</i>		X																			
Ochnaceae	<i>Ouratea sp.</i>			X		X		X						X			X					
Olacaceae	<i>Heisteria media</i>								X	X		X										
Olacaceae	<i>Ximenia americana L. var. americana</i>			X																		1
Orchidaceae	<i>Catasetum egertonianum</i>														X							
Orchidaceae	<i>Epidendrum imatophyllum</i>			X												X						
Orchidaceae	<i>Gongora quinquenervis</i>													X								
Orchidaceae	<i>Macradenia brassavolae</i>			X																		2
Orchidaceae	<i>Myrmecophilla brysiana</i>	X	X																			
Orchidaceae	<i>Myrmecophilla tibicinis</i>			X																		
Orchidaceae	<i>Oeceoclades maculata</i>																					X
Orchidaceae	<i>Pleurothallus sp</i>														X							
Orchidaceae	<i>Polystachya clavata</i>														X							
Orchidaceae	<i>Sobralia sp.</i>								X													
Orchidaceae	<i>Trigonium egertonianum</i>				X																	
Orchidaceae	<i>Vanilla (hartii?)</i>	X		X											X							X
Orchidaceae	<i>Vanilla sp.</i>															X		X				

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Passifloraceae	<i>Passiflora ambigua</i>									X			X									
Passifloraceae	<i>Passiflora biflora</i>												X			X						
Passifloraceae	<i>Passiflora oerstedii</i>												X									
Passifloraceae	<i>Passiflora pittieri</i>									X			X									
Passifloraceae	<i>Passiflora serratifolia</i>												X			X						
Piperaceae	<i>Peperomia sp.</i>	X									X											
Piperaceae	<i>Piper sp.</i>											X							X			
Poaceae	<i>Guadua longifolia</i>															X		X				
Poaceae	<i>Gynerium sagittatum</i>	X										X				X						
Poaceae	<i>Unknown</i>				X																	
Podocarpaceae	<i>Podocarpus guatemalensis</i>				X		X															
Polygonaceae	<i>Coccoloba belizensis</i>			X							X											
Polygonaceae	<i>Coccoloba sp.</i>												X				X					
Polygonaceae	<i>Coccoloba sp.</i>																X				X	
Polygonaceae	<i>Coccoloba sp.</i>												X									
Proteacea	<i>Roupala montana</i>																					X
Pteridophyta	<i>Acrostychnum aureum</i>			X																		
Pteridophyta	<i>Antrophyum ensiforme</i>			X																		2
Pteridophyta	<i>Fern</i>	X						X														
Pteridophyta	<i>Hymenophyllum sp.</i>			X																		2
Pteridophyta	<i>Lindsaea lancea</i>			X			X															2
Pteridophyta	<i>Schizea elegans</i>						X															2
Pteridophyta	<i>Treefern</i>				X				X													X
Pteridophyta	<i>Trichomanes pinnatum</i>			X																		2
Pteridophyta	<i>Trichomanes sp.</i>			X																		2
Pteridophyta	<i>Vittaria costata</i>			X																		2
Rhamnaceae	<i>Gouannia sp.</i>																					X
Rhizophoraceae	<i>Cassipourea guianensis</i>			X		X	X				X						X					X

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Rhizophoraceae	<i>Rhizophora mangle</i>			X													X					
Rubiaceae	<i>Alibertia edulis</i>			X																	1	
Rubiaceae	<i>Alseis hondurensis</i>																					
Rubiaceae	<i>Amaouia corymbosa</i>	X					X														X	
Rubiaceae	<i>Appunia guatemalcnis</i>			X																	2	
Rubiaceae	<i>Chiococca alba</i>			X			X														1	
Rubiaceae	<i>Faramea sp.</i>																		X			
Rubiaceae	<i>Genipa americana L.</i>			X																	1	
Rubiaceae	<i>Guattardia combsii</i>			X						X		X					X				X	
Rubiaceae	<i>Hamelia rovirosae</i>			X								X						X				
Rubiaceae	<i>Lindenia rivalis</i>															X						
Rubiaceae	<i>Morinda panamensis</i>			X								X	X									
Rubiaceae	<i>Palicourea crocea</i>							X														
Rubiaceae	<i>Posoqueria latifolia</i>			X																	1	
Rubiaceae	<i>Psychotria alata</i>						X															
Rubiaceae	<i>Psychotria chiapensis</i>			X																	1	
Rubiaceae	<i>Psychotria grandis</i>			X																	1	
Rubiaceae	<i>Psychotria poeppigiana</i>					X	X						X				X				X	
Rubiaceae	<i>Psychotria sp.</i>																				X	
Rubiaceae	<i>Randia genipifolia</i>																				X	
Rubiaceae	<i>Randia sp.</i>			X																	X	
Rubiaceae	<i>Rehdera penninervia</i>											X										
Rubiaceae	<i>Simara salvadorensis</i>								X				X								X	
Rubiaceae	<i>Unknown</i>	X					X															
Rutaceae	<i>Esenbeckia pentaphylla</i>																		X			
Rutaceae	<i>Zanthoxylum sp</i>	X										X							X			
Sapindaceae	<i>Allophylus ?</i>			X								X		X								

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Sapindaceae	<i>Cupania sp?</i>	X				X			X				X								X	
Sapindaceae	<i>Matayba opositifolia</i>	X		X		X			X								X					
Sapindaceae?	<i>Unknown</i>					X																
Sapotaceae	<i>Manilkara zapote</i>			X									X									
Sapotaceae	<i>Manilkara chicle</i>								X								X					
Sapotaceae	<i>Pouteria amygdaloides</i>													X								
Sapotaceae	<i>Pouteria campechiana</i>																X				X	
Sapotaceae	<i>Pouteria sp.</i>													X								
Sapotaceae	<i>Sideroxylon sp.</i>				X												X					
Sapotaceae	<i>Chrysophyllum mexicanum</i>																X					
Schizeaceae	<i>Schizaea poeppigiana</i>			X																		
Selaginellaceae	<i>Selaginella</i>																		X			
Simarubaceae	<i>Simarouba glauca</i>											X										
Smilacaceae	<i>Smilax regelii</i>															X						
Smilacaceae	<i>Smilax sp.</i>															X						
Solanaceae	<i>Solanum nudum Dunai</i>			X																		1
Solanaceae	<i>Solanum sp.</i>											X										
Solanaceae	<i>Solanum torvum</i>											X										
Sphagnaceae	<i>Sphagnum (subsecundum?)</i>				X		X								X		X					
Sterculiaceae	<i>Byttneria sp.</i>																	X				
Sterculiaceae	<i>Guazuma ulmifolia</i>											X		X								
Sterculiaceae	<i>Sterculia mexicana</i>									X												X
Symplocaceae	<i>Symplocos martrinicensis</i>			X																		
Theaceae	<i>Ternstroemia tepezapote</i>			X																		1
Theophrastaceae	<i>Deheraina smaragdifolia</i>													X								
Tiliaceae	<i>Trichospermum grewiifolium</i>											X										
Turneraceae	<i>Erblichia odorata</i>																		X			
Ulmaceae	<i>Ampelocera hottlei</i>								X			X		X								X

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Ulmaceae	<i>Celtis sp.</i>													X								
Ulmaceae	<i>Trema micrantha</i>													X								
Unknown	<i>Unknown, compound leaf</i>	X				X	X				X			X							X	
Unknown	<i>Unknown</i>																				X	
Unknown	<i>Unknown</i>																				X	
Unknown	<i>Unknown</i>	X																				
Unknown	<i>Vines</i>																		X			
Unknown	<i>Vines</i>																				X	
Unkown	<i>No 1.</i>					X																
Urticaceae	<i>Laportea aestuans</i>		X																			
Verbenaceae	<i>Stachytarpheta cayennensis</i>																					
Verbenaceae	<i>Vitex gaumeri</i>											X	X									
Verbenaceae	<i>Vitex kuyleni</i>			X					X	X	X		X				X				X	
Violaceae	<i>Rinorea hummeli</i>			X			X			X			X	X								
Vitaceae	<i>Unknown</i>															X						
Vochysiaceae	<i>Vochysia hondurensis</i>	X		X					X				X						X		X	
Zamiaceae	<i>Zamia variegata</i>	X		X		X			X	X	X		X				X		X		X	
Zingiberaceae	<i>Renealmia sp.</i>												X								X	

Vegetation Transect: Comfra Forest

	0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100	100-110	110-120	120-130	130-140	140-150	150-160	160-170	170-180	180-190	190-200
"John Crow Bead"					22				22											
Alchornea					19			23								16	16			
Bactris											x									
Callophyllum brasiliense	43	34	53												15			45		
Carapa			13		14															
Cassipourea guianensis	14													14						
Cupania									11	x										
Dead					19															
Dendropanax arborea																				x
Desmonchus								x												
Dioscorea								x												
Euterpe								x	x	x					x					
Grias cauliflora		x																		
Ilex						11	13						15							
Manicaria saccifera	x			17, 17						17	15, 16	18		15	17, 17, 17, 17		17, 18	17, 18	12, 15, 19	17
Matayba																				
Mourriiri exilis	x			x	x														x	
No 1.	18		23	20, 24	21	16, 20, 14, 13, 18	20	17								17				19
Ouratea																				x
Pera barbelata																				x
Phyllodendron							x													
Psychotria poeppigiana							x													
Sapindaceae?								12												
Sloanea											x									
Symphonia globulifera														12	32					20, 27
Terminalia amazonia		39			x															
Unknown 2																				16
Unknown, compound leaf				30																

Vegetation Transect: Midway base of Quarry

	0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100	100-110	110-120	120-130	130-140	140-150	150-160	160-170	170-180	180-190	190-200
Allophylus ?															17					
Ampelocera hotlei										21										
Andira inermis							x													
Asterogyne martinana														x						
Attalea cohune						35	32						25, 27		28					
Begonia creeper							x													
Brossimum				83																
Cedrela odorata = Muy										47										
Chah che (Capparidaceae)					35	23			79											
Chamaeodora ernesti-augusti							x													
Chamaeodora tepejilote																				x
Dead								31											13	
Deheraina smaragdifolia	x																			
Dendropanax arborea = Chamalte							13, 14													12
Dracaena americana	x																			
Forchammeria											x									
Garcinia																		x		
Geonoma tall																				x
Guarea, small leaf		36	x		25													51		
Guazuma ulmifolia = 'Chambai										44										
Gurania makoyana										x										
Hymenea coubaril														x						
Kunche (= iciciaceae?)											15, 30, 26									
Licania antidesma																	x			
Meliaceae				14	17															
Mourriri myrtiloides											x									
Ouratea													x							
Pouteria				23						20										
Pouteria amygdaloides													32							48
Protium									12											
Pterocarpus officinalis				104																
Rinorea											10								x	
Spondias = Po'ok																				41
Tambran			19																	
Unknow lrg lf1, bumpy bark													35							
Unknow large leaf2, Flac?											11									
Warree cohune																			x	
Tabernaemontana arborea																				x

Vegetation Transect: Midway High Forest in New Agriculture Layout

	0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100	100-110	110-120	120-130	130-140	140-150	150-160	160-170	170-180	180-190	190-200
Abuta panamensis																x				
Acacia = Zubin				11												19				16
Attalea cohune																		35		34
Bactris grandis																		x		
Bourreria oxypollira = Chiche													12							
Coccoloba = Chamalte			12						12	23										
Cojoba arborea = choclocte								29												
Costus			x																	
Cupania					12					16										
Dead				12																
Dendropanax											11		14							x
Give and Take																		x		
Guattardia combsii = Salche/Pom'te													19, 12, 14		10					10
Gumbo limbo																				15, 19, 44
Heliconia auritum	x																			
Heliconia vaginalis	x																			
Hirtella americana																	x			
Hirtella racemosa															x					
Inga sp. = Chochok																				16
Lacistema	13			11																
Laetia thamnia					11															
Laurel										17										
Lonchocarpus sp. = Anamal											29									
Machaerium																			x	
Manilkara = Muy																				35
Melastomataceae																	x			
Miconia impetiolearis														11						
Morinda panamensis										12				10						
Passiflora pittieri												x								
Protium								13												

Vegetation Transect: Midway High Forest in New Agriculture Layout

	0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100	100-110	110-120	120-130	130-140	140-150	150-160	160-170	170-180	180-190	190-200
Psychotria poeppigiana																				x
Renealmia										x										
Rinorea																	11			
Rosewood												x								
Sabal mauritiiformis						22					x									
Simira salvadorensis = 'Kolia																x				
Terminalia amazonina		46																		
Thevetia ahouai																x				
Vitex gaumeri = Quamo'														27	14	25, 35, 33	25	37		
Vitex kuyleni												17								
Warree cohune																				
Zuleana = Maite'											15									17

Vegetation Transect Crique Sarco, Swamp Forest

	0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100	100-110	110-120	120-130	130-140	140-150	150-160	160-170	170-180	180-190	190-200
<i>Viola</i> sp.																				15
<i>Calyptrogyne ghiesbreghtiana</i>					x	x	x	x	x		x							x	x	x
<i>Astrocaryum mexicanum</i>									x					x	x				x	x
<i>Attalea cohune</i>	28		39	x				38						x		x				x
<i>Dendropanax arborea</i>									10	13	x			x	x					x
<i>Rionorea</i> sp.				x															x	x
<i>Acacia</i> sp.														x						14
<i>Bactris</i>								x											x	x
<i>Dialium guianense</i>		17																	x	
<i>Miconia</i> sp.																			x	
Dead							x		15					33					11	11
<i>Faramea</i> sp.	11																			11
<i>Bursera simarouba</i>				67												27				54
<i>Spondias</i> sp.		30		31												28				51
<i>Desmonchus orthocanthos</i>																				x
<i>Esenbeckia pentaphylla</i>																29, 25				
<i>Erblichia odorata</i>															35					
<i>Zamia variegata</i>															x					
<i>Heliconia vaginalis</i>												x	x		x					
<i>Symphonia globulifera</i>					x	19	17							32						
<i>Cryosophila stauracantha</i>								x	x			x	x							
Vines							x		x		x									
<i>Costus</i> sp.		x	x																	x
<i>Calathea</i> sp.																				x
<i>Pachyra aquatica</i>									50	14	39									
<i>Ardisia</i> sp.																				x
<i>Pterocarpus officinalis</i>								11		25										
<i>Grias cauliflora</i>								16	x	x										
<i>Trichilia</i> sp.									x											
<i>Vanilla</i> sp.									x											
<i>Cyclanthus bipartitus</i>							x	x												
Unknown								18												
Unknown								11												
<i>Zuleana guidonia</i>				26																
<i>Bauhinia glabra/sericella</i>				x																
<i>Protium</i> sp.				17																
<i>Zanthoxylum</i> sp.				32																
<i>Selaginella</i>		x	x																	
<i>Piper</i> sp.		x	x																	
<i>Calyptanthes</i> sp.			x																	
<i>Geonoma</i> sp.		x																		
<i>Vochysia hondurensis</i>	x																			
<i>Aspidosperma</i> sp.	27																			

Vegetation Transect: Conejo Swamp Forest

	0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100	100-110	110-120	120-130	130-140	140-150	150-160	160-170	170-180	180-190	190-200
<i>Calyptranthes ghiesbreghtiana</i>		x							x				x							
<i>Tabernaemontana arborea</i>		12,	15,					14												
<i>Pachyra aquatica</i>		12	30						30		13									
<i>Pterocarpus officinalis</i>			17,			29		23					12	29	18,		12			
			12												36,					
															21					
Bullettree				58																
<i>Symphonia globulifera</i>				19	42,				11				27	22		15	25	32,	12,	23
					45												31	16,	13	
<i>Attalea cohune</i>					30			x							x					
Give and Take					x			x									x			x
Warree cohune					x							x		x						
<i>Grias cauliflora</i>					14				x	11				28			22		x	
<i>Coccoloba belizensis</i>								28												
Unknown, sticky sap, small leaf								17												
<i>Santa maria</i>									38		29	29,		14			37			17
											16									
<i>Thevetia ahouai</i>											x									
Marcgraviaceae													x							
<i>Anthurium</i>														x						x
<i>Tabebuia rosea</i>																	30			
<i>Peperomia</i>																	x			
<i>Siparuna</i>																	x			
Dead																			15	33
<i>Zygia grandifolia</i>																			11	
<i>Andira inermis</i>																				36
<i>Cassipourea</i>																				10
<i>Bactris</i>																				18
Unknown, soft wood, root like <i>Symphonia</i>																			x	

Vegetation Transect Barranco II

	200-190	190-180	180-170	170-160	160-150	150-140	140-130	130-120	120-110	110-100	100-90	90-80	80-70	70-60	60-50	50-40	40-30	30-20	20-10	10-0 m.	
Vochysia			30			45	36														
Ilex guianensis		36, 32, 32	32	42, 36	51, 35, 35, 36, 30, 30		34, 30	39, 26, 40					42		31					32	
Unknown			30																		
Vismia camparaguei																					
Andira inermis																					
Cojoba																					
Byrsonimia		36				33		45, 30													
Thera																					
Treefern																					
Lyck Cancya																					
Kaki Asir (Melastomataceae)																					
Symphonia (Lech)																					
Cupania													78								
Terminalia amazonia								132													
Lacistema																					
Zulania																					
Xylopia																					
Bactris mexicana			x																		
Zamia variegata	x																				
Cutgrass	x								x	x	x										
Ananas comosus		x																			
Tabernaemontana?				41												47	41	30			
Brachypelma vagans						x															
Kix bib			x									x	x	x							
Licania hypoleuca													40								
Pachyra aquatica															103	35, 36, 33				67	68, 39
Mourriri exilis															30				38		40
Acacia (bullhorn)															x						
Rose apple (introduced)															x						
Zanthoxylum																		50			
Pterocarpus officinalis																		40	40, 83		
? smells like mamey																					35

Vegetation Transect: Temash High "Hill" Forest

	0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100	100-110	110-120	120-130	130-140	140-150	150-160	160-170	170-180	180-190	190-200
Alchornea			17, 18																	44
Amaouia				x																
Annonaceae	19																	13		
Aspidosperma white		19				17														
Casearia	14	17	19		14				12, 21											
Cassipourea guianensis																				11
Clethra?												13								
Compound leaf, simarouba like												49								
Cyclanthaceae vine									x											x
Deae								10		26									17	12
Dialium												x								
Euterpe									11											
Geonoma																x				
Guarea				16																
Guatteria										13							14, 21		12	
Hirtella americana										10										
Hymenea coubaril									20											
Lacmella																				18, 15, 15
Laurel				24							22		11, 21			23		12		
Licania hypoleuca	13, 23				10	12								17, 14						
Miconia											11	x		10			11			
Pera barbelata				18					14, 17						17				12, 10	
Protium	13		15															12	13	
Psychotria poeppigiana													x							

Invertebrates

Group	Family	Scientific	24-Apr-03 Barranco Transect	24 Apr-03 Barranco Village	Along Temash River	10-Sep-03 Criq Sar RivScrub	10-Sep-03 Criq Sar Ruderal	9-Sep-03 CriqSar Transect	8-Sep-03 Nr CriqSar	9-Sep-03 CriqSar swamp	26_Aug-03 Sarstoon	28-May-03 Midway karst	22-May-03 Sphagnum	4-May-03 Conejo	28-May-03 Midway
Invertebrates	Arachnidae	<i>Brachypelma vagans</i>	x				x							x	
Invertebrates	Orthoptera	<i>Katydid</i>										x			
Invertebrates	Snails	<i>Pomacea</i>				x									
Lepidoptera	Arctiidae	<i>Chetone angulosa</i>										x			
Lepidoptera	Arctiidae	<i>Tiger mimic moth</i>										x			
Lepidoptera	Lycaenidae	<i>Thecla (Ocaria) thales</i>			x										
Lepidoptera	Nymphalidae	<i>Adelpha sp.</i>			x										
Lepidoptera	Nymphalidae	<i>Adelpha basiloides</i>									x				
Lepidoptera	Nymphalidae	<i>Aeria eurimeda</i>										x			
Lepidoptera	Nymphalidae	<i>Anartia fatima</i>		x		x	x								
Lepidoptera	Nymphalidae	<i>Anartia jatrophae</i>				x									
Lepidoptera	Nymphalidae	<i>Archaeoprepona sp.</i>		x											
Lepidoptera	Nymphalidae	<i>Caligo memnon</i>		x			x								
Lepidoptera	Nymphalidae	<i>Caligo uranus</i>		x											
Lepidoptera	Nymphalidae	<i>Catenophele mexicana</i>								x					
Lepidoptera	Nymphalidae	<i>Catenophele numilia</i>								x					
Lepidoptera	Nymphalidae	<i>Chlosyne gaudealis</i>		x											
Lepidoptera	Nymphalidae	<i>Cissia ocirrhoe</i>													
Lepidoptera	Nymphalidae	<i>Cissia hermes</i>													
Lepidoptera	Nymphalidae	<i>Cissia libyoidea</i>		x											
Lepidoptera	Nymphalidae	<i>Colubura dirce</i>													
Lepidoptera	Nymphalidae	<i>Danaus gilippus</i>				x									
Lepidoptera	Nymphalidae	<i>Dryadula phaetusa</i>		x											
Lepidoptera	Nymphalidae	<i>Dryas iulia</i>			x	x									
Lepidoptera	Nymphalidae	<i>Hamadryas sp.</i>		x											x
Lepidoptera	Nymphalidae	<i>Hamadryas laodamia</i>										x			
Lepidoptera	Nymphalidae	<i>Heliconius charitonia</i>										x			x
Lepidoptera	Nymphalidae	<i>Heliconius cydno</i>													x
Lepidoptera	Nymphalidae	<i>Heliconius erato</i>		x	x	x				x					x
Lepidoptera	Nymphalidae	<i>Heliconius hecale</i>					x			x					
Lepidoptera	Nymphalidae	<i>Heliconius ismenius</i>		x								x			

Invertebrates

Group	Family	Scientific	24-Apr-03 Barranco Transect	24 Apr-03 Barranco Village	Along Temash River	10-Sep-03 Criq Sar RivScrub	10-Sep-03 Criq Sar Ruderal	9-Sep-03 CriqSar Transect	8-Sep-03 Nr CriqSar	9-Sep-03 CriqSar swamp	26_Aug-03 Sarstoon	28-May-03 Midway karst	22-May-03 Sphagnum	4-May-03 Conejo	28-May-03 Midway
Lepidoptera	Nymphalidae	<i>Heliconius sapho</i>	X												
Lepidoptera	Nymphalidae	<i>Heliconius sapho</i>								X				X	X
Lepidoptera	Nymphalidae	<i>Mechanitis polymnia</i>	X									X			
Lepidoptera	Nymphalidae	<i>Morpho peleides</i>	X				X					X			X
Lepidoptera	Nymphalidae	<i>Morpho theseus</i>			X					X		X			X
Lepidoptera	Nymphalidae	<i>Phycoides vesta</i>					X								
Lepidoptera	Nymphalidae	<i>Pierella luna</i>								X		X			X
Lepidoptera	Nymphalidae	<i>Taygetis</i>										X			
Lepidoptera	Nymphalidae	<i>Tegosa anieta</i>	X												
Lepidoptera	Papilionidae	<i>Papilio thoas/cresphontes</i>										X			
Lepidoptera	Papilionidae	<i>Parides sesostris</i>	X							X					
Lepidoptera	Papilionidae	<i>Parides sp.</i>								X					
Lepidoptera	Papilionidae	<i>Protographium philolaus</i>	X									X			
Lepidoptera	Pieridae	<i>Eurema sp.</i>	X												
Lepidoptera	Pieridae	<i>Phoebis sp.</i>	X												
Lepidoptera	Riodiniidae	<i>Calephelis sp.</i>											X		
Lepidoptera	Riodiniidae	<i>Calospila sudias</i>											X		
Lepidoptera	Riodiniidae	<i>Riodinid "umbra"</i>										X			
Lepidoptera	Saturniidae	<i>Automeris sp.</i>					X								

Fishes

Family	Scientific	Common name	24 Apr-03 Barranco Village	Along Temash River	10-Sep-03 Criq Sar RivScrub	10-Sep-03 Criq Sar Ruderal	9-Sep-03 CriqSar swamp	4-May-03 Conejo	Notes
Achridae	<i>Trinectes paulistanus</i>	Southern Hogchoker							1
Antherinidae	<i>Engraulids or Antherinella?</i>	Silverside						x	
Ariidae	<i>Ariopsis assimilis</i>	Catfish	x	x					
Ariidae	<i>Bagre marinus</i>	Catfish	x						
Batrachoididae	<i>Batrachoides gilberti</i>								1
Belonidae	<i>Strongylura timucu</i>				x			x	
Carangidae	<i>Caranx latus</i>	Jack		x	x				
Carangidae	<i>Oligoplites saurus</i>	Leatherjacket							1
Centropomidae	<i>Centropomus ensiferus</i>	Snook							
Centropomidae	<i>Centropomus paralellus</i>	Snook							
Centropomidae	<i>Centropomus sp.</i>	Snook			x				
Characidae	<i>Astyanax aeneus</i>	Billum			x			trail	
Characidae	<i>Brycon guatemalensis</i>	Machaca			x				
Cichlidae	<i>Cichlasoma aureum</i>								1
Cichlidae	<i>Cichlasoma bocourti</i>			x	x				1
Cichlidae	<i>Cichlasoma europhthalmus</i>	??						x	
Cichlidae	<i>Cichlasoma godmani</i>				x			trail	
Cichlidae	<i>Cichlasoma maculicauda</i>				x				
Cichlidae	<i>Cichlasoma robertsoni</i>							x	
Cichlidae	<i>Cichlasoma spilurum</i>							x	
Eleotridae	<i>Eleotris amblyopsis</i>	Large-scaled spinycheek sleeper							1
Eleotridae	<i>Gobiomorus dormitor</i>		x						
Elotridae	<i>Erotelis smaragdus</i>							x	
Engraulidae	<i>Anchoviella elongata</i>	Anchovy							1
Gerreidae	<i>Eucinostomus melanopterus</i>	Flagfin Mojarra							
Gobiidae	<i>Bathygobius soporator</i>	Frillfin goby							1
Gobiidae	<i>Lophiogobius cyprinoides</i>		x						
Lutjanidae	<i>Lutjanus griseus</i>	Gray Snapper							1
Lutjanidae	<i>Lutjanus locu</i>	Dog Snapper		x					
Megalopidae	<i>Megalops atlanticus</i>	Tarpon		x					
Paralichthyidae	<i>Citharichus macrops</i>	Spotter whiff							1
Pimelodidae	<i>Rhamdia guatemalensis</i>	Buttersea				x	x	trail	
Poeciliidae	<i>Belonesox belizanus</i>								1
Poeciliidae	<i>Gambusia luma</i>	Poopsy						x	

Fishes

Family	Scientific	Common name	24 Apr-03 Barranco Village	Along Temash River	10-Sep-03 Criq Sar RivScrub	10-Sep-03 Criq Sar Ruderal	9-Sep-03 CriqSar swamp	4-May-03 Conejo	Notes
Poeciliidae	<i>Gambusia nicaraguensis</i>	Poopsy							1
Poeciliidae	<i>Heterandria bimaculata</i>							trail	
Poeciliidae	<i>Poecilia mexicana</i>								1
Poeciliidae	<i>Xipophorus helleri</i>	Swordtail						trail	
Rivulidae	<i>Rivulus tenuis</i>							x	
Sciaenidae	<i>Bairdiella ronchus</i>	Ground Croaker							1
Sparidae	<i>Archosargus probatocephalus</i>	Sheepshead			x				
Synbranchidae	<i>Ophisternon aenigmaticum</i>	Mudeel						x	
Tetraodontidae	<i>Sphoeroides testudineus</i>	Pufferfish	x	x				x	

Amphibians / Reptiles

Group	Family	Scientific	Common na	24 Apr-03 Barranco Village	Along Temash River	10-Sep-03 Criq Sar Riv/Scrub	10-Sep-03 Criq Sar Ruderal	9-Sep-03 CriqSar Transect	9-Sep-03 CriqSar swamp	26_Aug-03 Sarstoon	28-May-03 Midway karst	4-May-03 Conejo
Reptilia	Colubridae	<i>Coniophanes bipunctatus</i>							X			
Reptilia	Colubridae	<i>Drymarchoin corais</i>		X								
Reptilia	Colubridae	<i>Imantodes cenchoa</i>	Cateye snake		X							
Reptilia	Colubridae	<i>Scaphionodontophis annulatus</i>										X
Reptilia	Colubridae	<i>Spilotus pullatus</i>										X
Reptilia	Corytophanidae	<i>Basiliscus vittatus</i>		X								
Reptilia	Crocodylidae	<i>Crocodylus moreletii</i>				X						
Reptilia	Dermatyidae	<i>Dermatemys mawii</i>	Hickatee		X	X						
Reptilia	Elapidae	<i>Micrurus diastema.</i>										X
Reptilia	Emydidae	<i>Trachemys scripta</i>	Bokatora									
Reptilia	Gekkonidae	<i>Sphaerodactylus glaucus</i>						X				
Reptilia	Gekkonidae	<i>Thecadactylus rapicauda</i>						X				
Reptilia	Iguanidae	<i>Iguana iguana</i>	Garobo			X	X					X
Reptilia	Kinosternidae	<i>kinosternon leucostomum</i>										
Reptilia	Polychrotidae	<i>Norops biporcatus</i>				X						
Reptilia	Polychrotidae	<i>Norops lemurinus</i>		X				X				
Reptilia	Polychrotidae	<i>Norops limifrons</i>			X							
Reptilia	Polychrotidae	<i>Norops pentapriion</i>					X					
Reptilia	Polychrotidae	<i>Norops rodriguezi</i>			X					X		
Reptilia	Polychrotidae	<i>Norops uniformis</i>									X	
Reptilia	Teiidae	<i>Ameiva festiva</i>							X			
Reptilia	Viperidae	<i>Bothrops asper</i>					X					
Amphibia	Bufo	<i>Bufo marinus</i>					X					
Amphibia	Leptodactylidae	<i>Leptodactylus melanonotus</i>		X								
Amphibia	Ranidae	<i>Rana vaillanti</i>			X				X			X

Birds Observed in The Sarstoon Temash Area

English Name	Scientific name	Local name(s)	Status	Apr-03	4/5/2003	4/5/2003	5/5/2003	9/9/2003	9/9/2003	9/9/2003	21/5/03	21/5/03	21/5/03	26/8/03	26/0/03	28/5/03	28/5/03
				Barranco	Ck trl	Cjo VII	SunW.Crk.Trl	CSar Vill	CSarTrail	CSarRiver	TemRiver	TemLow forest	TemHigh Forest	Sar River	Sar Low forest	MW Vil.	MW Trls
TINAMOUS - TINAMIDAE																	
Great Tinamou	<i>Tinamus major</i>	Blue-footed partridge	R	X	X	X	X	X	X	X	X	X	X			X	X
Little Tinamou	<i>Crypturellus soui</i>	Bawley	R		X	X	X		X	X	X						X
Slaty-breasted Tinamou	<i>Crypturellus boucardi</i>	Red-footed partridge	R						X								X
PELICANS - PELECANIDAE																	
Brown Pelican	<i>Pelecanus occidentalis</i>	Pelekin	WR													X	
CORMORANTS - PHALACROCORACIDAE																	
Neotropic Cormorant	<i>Phalacrocorax brasilianus</i>	Shag	R								X					X	
Double-crested Cormorant	<i>Phalacrocorax auritus</i>	Shag	R	X													
ANHINGAS - ANHINGIDAE																	
Anhinga	<i>Anhinga anhinga</i>	Snake bird, Shag	R													X	
FRIGATEBIRDS - FREGATIDAE																	
Magnificent Frigatebird	<i>Fregata magnificens</i>	Man-o-war, Rabio	R	X												X	
HERONS - ARDEIDAE																	
Bare-throated Tiger Heron	<i>Tigrisoma mexicanum</i>	Barking gaulin	R							X	X					X	X
Great Blue Heron	<i>Ardea herodias</i>	Full pott, Garza morene	WR													X	
Great Egret	<i>Ardea alba</i>	Gaulin, Garza blanca	WR					X			X					X	
Snowy Egret	<i>Egretta thula</i>	White Gaulin, Garza blanca	WR	X													
Little Blue Heron	<i>Egretta caerulea</i>	Blue Gaulin, Garza morene	W								X					X	
Cattle Egret	<i>Bubulcus ibis</i>	Gaulin, Garza blanca	WR			X					X						
Green Heron	<i>Butorides virescens</i>	Green-backed Heron, Poor	WR		X					X	X					X	X
Agami Heron	<i>Agamia agami</i>	Blue jacket	R						X ?								
Black-crowned Night-Heron	<i>Nycticorax nycticorax</i>		WRR	X													
Yellow-crowned Night-Heron	<i>Nyctanassa violacea</i>	King carpenter	WR	X													
Boat-billed Heron	<i>Cochlearius cochlearius</i>	Spoon-billed carpenter	R		X												

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				Barranco	Ck trl	Cjo VII	SunW.Crk.Trl	CSar Vill	CSarTrail	CSarRiver	TemRiver	TemLow forest	TemHigh Forest	Sar River	Sar Low forest	MW Vil.	MW Trls
STORKS - CICONIIDAE																	
Wood Stork *	<i>Mycteria americana</i>	John Crow Curlew, Galletan	R			X											
AMERICAN VULTURES - CATHARTIDAE																	
Black Vulture	<i>Coragyps atratus</i>	John Crow, Sope	WR			X	X	X		X	X		X	X		X	X
Turkey Vulture	<i>Cathartes aura</i>	Doctor John Crow, Sope	WR		X	X	X	X	X	X	X	X	X	X	X	X	X
King Vulture	<i>Sarcoramphus papa</i>	King John Crow, Sope real	R			X											X
SWANS, GEESE AND DUCKS - ANATIDAE																	
Muscovy Duck *	<i>Cairina moschata</i>		R								X						?
KITES, HAWKS, EAGLES AND ALLIES - ACCIPITRIDAE																	
Osprey	<i>Pandion haliaetus</i>	Billy hawk, Jincho	WR								X						
Gray-headed Kite	<i>Leptodon cayanensis</i>		R								X						
Swallow-tailed Kite	<i>Elanoides forficatus</i>	Scissors-tailed hawk	DT													X	X
Double-toothed Kite	<i>Harpagus bidentatus</i>		R														X
Plumbeous Kite	<i>Ictinia plumbea</i>		D			X	X									X	
Gray Hawk	<i>Asturina nitida</i>		R		X					X							X
Common Black-Hawk	<i>Buteogallus anthracinus</i>	Water hawk	R								X						X
Roadside Hawk	<i>Buteo magnirostris</i>	Chicken Hawk	R		X			X			X					X	X
Black Hawk-Eagle	<i>Spizaetus tyrannus</i>		R		X				X								
Ornate Hawk-Eagle *	<i>Spizaetus ornatus</i>	Curassow hawk	R						X								
FALCONS AND ALLIES - FALCONIDAE																	
Barred Forest-Falcon	<i>Micrastur ruficollis</i>		R										X				
Collared Forest-Falcon	<i>Micrastur semitorquatus</i>		R	X	X	X					X						X
Crested Caracara	<i>Caracara cheriway</i>		A														
Laughing Falcon	<i>Herpetotheres cachinnans</i>	Guaco	R		X			X		X							X
Bat Falcon	<i>Falco ruficularis</i>	Lion hawk	R		X			X								X	X

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GUANS AND CURASSOWS - CRACIDAE																	
Plain Chachalaca	<i>Ortalis vetula</i>	Cockycrow, Cocricco	R	X	X	X	X	X		X	X						X
Crested Guan	<i>Penelope purpurascens</i>		R								X		X				
RAILS, GALLINULES AND ALLIES RALLIDAE																	
Ruddy Crake	<i>Laterallus ruber</i>	Dodging bull	R			X			X	X							X
LIMPKINS - ARAMIDAE																	
Limpkin	<i>Aramus guarauna</i>	Clucking hen	R					X									
SANDPIPERS AND ALLIES - SCOLOPACIDAE																	
Spotted Sandpiper	<i>Actitis macularia</i>	Shaky batty	WT					X			X			X			
SKUAS, GULLS, TERNS AND SKIMMERS - LARIDAE																	
Laughing Gull	<i>Larus atricilla</i>	Laughing bird	WR								X						
Sandwich Tern	<i>Sterna sandvicensis</i>	Sea gull	WR	X							X						
PIGEONS AND DOVES - COLUMBIDAE																	
Feral Pigeon	<i>Columba livia</i>		R	X													
Pale-vented Pigeon	<i>Columba cayennensis</i>	Red mangrove pigeon	R	X	X	X	X				X	X	X			X	X
Scaled Pigeon	<i>Columba speciosa</i>	Mountain pigeon	R		X				X	X	X		X			X	X
Red-billed Pigeon	<i>Columba flavirostris</i>		R	X													
Short-billed Pigeon	<i>Columba nigrirostris</i>	Tres pesos pigeon	R	X	X	X	X	X	X	X	X	X	X			X	X
Ruddy Ground-Dove	<i>Columbina talpacoti</i>	Turtle dove	R			X		X								X	
Blue Ground-Dove	<i>Claravis pretiosa</i>		R	X	X	X	X	X	X	X		X					X
White-tipped Dove	<i>Leptotila verreauxi</i>		R														
Gray-fronted Dove	<i>Leptotila rufaxilla</i>		R	X		X	X		X	X							X
Caribbean Dove	<i>Leptotilia jamaicensis</i>		R			X											
Gray-Chested Dove	<i>Leptotila cassini</i>		R						X	X						X	X
Ruddy Quail-Dove	<i>Geotrygon montana</i>		R										X				

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PARROTS - PSITTACIDAE																	
Olive-throated Parakeet	<i>Aratinga nana</i>	Aztec Parakeet, Keetie	R	X	X	X	X	X	X	X	X	X		X	X	X	X
Scarlet Macaw *	<i>Ara macao cyanoptera</i>	Guacamallo	R														
Brown-hooded Parrot	<i>Pionopsitta haematotis</i>		R		X	X	X	X	X	X	X	X	X			X	X
White-crowned Parrot	<i>Pionus senilis</i>		R		X	X	X				X		X			X	X
Red-lored Parrot	<i>Amazona autumnalis</i>		R	X	X	X	X	X	X	X	X	X	X			X	X
Mealy Parrot	<i>Amazona farinosa</i>	Watch-out Parrot	R		X	X			X		X		X			X	X
CUCKOOS - CUCULIDAE																	
Squirrel Cuckoo	<i>Piaya cayana</i>	Pe-quam	R		X	X			X	X		X	X			X	X
Striped Cuckoo	<i>Tapera naevia</i>		R		X			X									
Groove-billed Ani	<i>Crotophaga sulcirostris</i>	Cowboy Blackbird, Chel	R			X		X								X	
BARN-OWLS - TYTONIDAE																	
Barn-Owl	<i>Tyto alba</i>	Monkey bird, Curujo	R					X									
TYPICAL OWLS - STRIGIDAE																	
Vermiculated Screech-Owl	<i>Otus guatemalae</i>	Monkey bird	R			X					X	X					
Spectacled Owl	<i>Pulsatrix perspicillata</i>		R								?						
Mottled Owl	<i>Ciccaba virgata</i>		R		X	X		X			X					X	
Striped Owl	<i>Pseudoscops clamator</i>		R			?											
NIGHTHAWKS AND NIGHTJARS - CAPRIMULGIDAE																	
Common Nighthawk	<i>Chordeiles minor</i>		RT								X						
Pauraque	<i>Nyctidromus albicollis</i>	Who-you, Xpuhuy	R	X	X	X		X	X							X	X
SWIFTS - APODIDAE																	
Vaux's Swift	<i>Chaetura vauxi</i>		R				X									X	X

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HUMMINGBIRDS - TROCHILIDAE																	
Long-tailed Hermit	<i>Phaethornis superciliosus</i>		R		X		X		X	X	X		X				X
Little Hermit	<i>Pygmornis longuemareus</i>		R	X	X		X	X	X	X	X	X	X		X		X
Wedge-tailed Sabrewing	<i>Campylopterus curvipennis</i>		R						X								
White-necked Jacobin	<i>Florisuga mellivora</i>		R		X					X							
Green-breasted Mango	<i>Anthracothorax prevostii</i>		R							X							
White-bellied Emerald	<i>Amazilia candida</i>		R					X	X						X		X
Rufous-tailed Hummingbird	<i>Amazilia tzacatl</i>		R	X	X	X	X	X	X	X		X	X		X	X	X
Stripe-tailed Hummingbird	<i>Eupherusa eximia</i>		R		?												
TROGONS - TROGONIDAE																	
Black-headed Trogon	<i>Trogon melanocephalus</i>	Ramatutu	R	X	X	X	X	X	X	X	X	X	X		X	X	X
Violaceous Trogon	<i>Trogon violaceus</i>	Peche amarillo	R	X	X		X		X		X		X				X
Slaty-tailed Trogon	<i>Trogon massena</i>		R	X	X	X	X	X	X	X	X	X	X				X
MOTMOTS - MOMOTIDAE																	
Blue-crowned Motmot	<i>Momotus momota</i>	Good Cook	R														X
KINGFISHERS - ALCEDINIDAE																	
Ringed Kingfisher	<i>Ceryle torquata</i>		R							X	X			X			
Amazon Kingfisher	<i>Chloroceryle amazona</i>		R							X							
Green Kingfisher	<i>Chloroceryle americana</i>		R							X							X
American Pygmy Kingfisher	<i>Chloroceryle aenea</i>		R		X				X	X							
PUFFBIRDS - BUCCONIDAE																	
White-necked Puffbird	<i>Notharchus macrorhynchos</i>		R											X			
JACAMARS - GALBULIDAE																	
Rufous-tailed Jacamar	<i>Galbula ruficauda</i>		R		X		X										X

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TOUCANS - RAMPHASTIDAE																	
Collared Aracari	<i>Pteroglossus torquatus</i>	Phyllis, Medio Pito	R		X	X				X							X
Keel-billed Toucan	<i>Ramphastos sulfuratus</i>	Billbird, Pito real	R			X					X	X	X			X	X
WOODPECKERS - PICIDAE																	
Black-cheeked Woodpecker	<i>Melanerpes pucherani</i>		R					X									X
Red-vented Woodpecker	<i>Melanerpes pygmaeus</i>	(Yucatan Woodpecker)	R														
Golden-fronted Woodpecker	<i>Melanerpes aurifrons</i>	Carpenter, Che'ko'	R	X	X			X	X	X	X	X	X	X		X	X
Smoky-brown Woodpecker	<i>Veniliornis fumigatus</i>		R		X	X	X		X	X							X
Golden-olive Woodpecker	<i>Piculus rubiginosus</i>		R														
Chestnut-colored Woodpecker	<i>Celeus castaneus</i>		R			X	X		X		X						X
Lineated Woodpecker	<i>Dryocopus lineatus</i>	Colonte'	R	X	X											X	X
Pale-billed Woodpecker	<i>Campephilus guatemalensis</i>	Father Red-cap	R		X	X	X		X	X	X	X	X			X	X
OVENBIRDS - FURNARIIDAE																	
Rufous-breasted Spinetail	<i>Synallaxis erythrothorax</i>		R		X					X							
Plain Xenops	<i>Xenops minutus</i>		R		X	X					X	X	X				X
Scaly-throated Leaftosser	<i>Sclerurus guatemalensis</i>		R		X												X
WOODCREEPERS - DENDROCOLAPTIDAE																	
Tawny-winged Woodcreeper	<i>Dendrocincla anabatina</i>		R	X	X				X			X	X				X
Ruddy Woodcreeper	<i>Dendrocincla homochroa</i>		R	X	X				X		X	X	X				
Olivaceous Woodcreeper	<i>Sittasomus griseicapillus</i>		R		X		X		X			X	X				
Wedge-billed Woodcreeper	<i>Glyphorhynchus spirurus</i>		R														X
Ivory-billed Woodcreeper	<i>Xiphorhynchus flavigaster</i>		R	X	X		X	X	X	X	X	X	X		X	X	X
Streak-headed Woodcreeper	<i>Lepidocolaptes souleyetii</i>		R		X												
TYPICAL ANTBRIDS - THAMNOPHILIDAE																	
Great Antshrike	<i>Taraba major</i>		R		X	X	X	X	X	X			X				
Barred Antshrike	<i>Thamnophilus doliatus</i>		R		X	X		X	X	X						X	

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Western Slaty-Antshrike	<i>Thamnophilus atrinucha</i>		R	X	X				X	X	X	X	X		X		X
Slaty Antwren	<i>Myrmotherula schisticolor</i>		R		X							X	X				
Dot-winged Antwren	<i>Microrhoptias quixensis</i>		R		X		X		X	X							X
Dusky Antbird	<i>Cercomacra tyrannina</i>		R		X		X	X	X	X	X	X	X			X	X
ANTTHRUSHES AND ANTPITTAS - FORMICARIIDAE																	
Black-faced Anttrush	<i>Formicarius analis</i>		R	X	X	X	X	X	X	X		X	X			X	X
TYRANT FLYCATCHERS - TYRANNIDAE																	
TYRANNULETS, ELAENIAS AND ALLIES - ELAENIINAE																	
Yellow-bellied Tyrannulet	<i>Ornithion semiflavum</i>		R		X	X	X		X	X	X	X	X				
Northern Beardless-Tyrannulet	<i>Camptostoma imberbe</i>		R		X	X											
Greenish Elaenia	<i>Myiopagis viridicata</i>		R		X		X	X	X	X	X	X				X	X
Yellow-bellied Elaenia	<i>Elaenia flavogaster</i>		R	X	X	X	X	X	X	X						X	
Ochre-bellied Flycatcher	<i>Mionectes oleaginus</i>		R						X			X	X				X
Northern Bentbill	<i>Oncostoma cinereigulare</i>		R	X	X		X	X	X	X	X	X	X		X		X
Common Tody-flycatcher	<i>Todirostrum cinereum</i>		R	X		X		X		X						X	
Yellow-olive Flycatcher	<i>Tolmomyias sulphurescens</i>		R		X		X	X	X	X					X		X
Stub-tailed Spadebill	<i>Platyrinchus cancrorninus</i>		R		X		X										X
FLUVICOLINE FLYCATCHERS - FLUVICOLIINAE																	
Royal Flycatcher	<i>Onychorhynchus coronatus</i>		R		X		X										X
Sulphur-rumped Flycatcher	<i>Myiobius sulphureipygius</i>		R		X		X		X	X							X
Olive-sided Flycatcher	<i>Contopus cooperi</i>		R				?										
Eastern Wood-Pewee	<i>Contopus virens</i>		WT		X												
Tropical Pewee	<i>Contopus cinereus</i>		R		X		X	X			X					X	X
Least Flycatcher	<i>Empidonax minimus</i>		WT			X	X										
TYRANNINE FLYCATCHERS - TYRANNINAE																	
Bright-rumped Attila	<i>Attila spadiceus</i>		R	X	X		X	X	X	X	X	X	X				X

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Rufous Mourner	<i>Rhytipterna holerythra</i>		R		X		X										X
Dusky-capped Flycatcher	<i>Myiarchus tuberculifer</i>		R	X	X		X	X	X		X	X			X	X	X
Brown-crested Flycatcher	<i>Myiarchus tyrannulus</i>		R	X	X	X	X			X	X					X	X
Great Kiskadee	<i>Pitangus sulphuratus</i>	Kiskadee	R	X	X	X	X	X	X	X	X	X		X		X	X
Boat-billed Flycatcher	<i>Megarynchus pitangua</i>	Kiskadee	R			X		X		X	X						X
Social Flycatcher	<i>Myiozetetes similis</i>	Katy-yu-baby-di-cry	R		X	X	X	X		X	X	X			X	X	X
Sulphur-bellied Flycatcher	<i>Myiodynastes luteiventris</i>		D		X	X	X								X	X	X
Piratic Flycatcher	<i>Legatus leucophaeus</i>		D		X	X	X										
Tropical Kingbird	<i>Tyrannus melancholicus</i>		R	X	X	X	X	X	X	X	X	X				X	X
Couch's Kingbird	<i>Tyrannus couchii</i>		T			X											
Eastern Kingbird	<i>Tyrannus tyrannus</i>		T		X			X		X							
TITYRAS AND BECARDS (INCERTAE SEDIS)																	
Thrushlike Schiffornis	<i>Schiffornis turdinus</i>	(Thrushlike Manakin)	R	X	X		X		X	X	X	X	X				X
Rufous Piha	<i>Lipaugus unirufus</i>		R		X		X		X	X							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	X										
Masked Tityra	<i>Tityra semifasciata</i>	White Woodpecker	R		X	X		X	X	X							X
Black-crowned Tityra	<i>Tityra inquisitor</i>		R			X											
COTINGAS - COTINGIDAE																	
Lovely Cotinga	<i>Cotinga amabilis</i>		R														
MANAKINS - PIPRIDAE																	
White-collared Manakin	<i>Manacus candei</i>	Cohune popper	R	X	X	X	X	X	X	X						X	X
Red-capped Manakin	<i>Pipra mentalis</i>		R		X		X		X	X	X	X	X				X
VIREOS - VIREONIDAE																	
White-eyed Vireo	<i>Vireo griseus</i>		W						X								

Birds Observed in The Sarstoon Temash Area

English Name	Scientific name	Local name(s)	Status	Apr-03	4/5/2003	4/5/2003	5/5/2003	9/9/2003	9/9/2003	9/9/2003	21/5/03	21/5/03	21/5/03	26/8/03	26/0/03	28/5/03	28/5/03
				Barranco	Ck trl	Cjo VII	SunW.Crk.Trl	CSar Vill	CSarTrail	CSarRiver	TemRiver	TemLow forest	TemHigh Forest	Sar River	Sar Low forest	MW Vil.	MW Trls
Mangrove Vireo	<i>Vireo pallens</i>		R	X	X		X				X	X	X			X	X
Philadelphia Vireo	<i>Vireo philadelphicus</i>		T	X													
Red-eyed Vireo	<i>Vireo olivaceus</i>		W		X		X	X	X				X				X
Yellow-green Vireo	<i>Vireo flavoviridis</i>		RD	X	X	X	X					X	X				X
Tawny-crowned Greenlet	<i>Hylophilus ochraceiceps</i>		R						X		X	X	X		X		X
Lesser Greenlet	<i>Hylophilus decurtatus</i>		R	X	X		X		X	X	X	X	X		X	X	X
Green Shrike-Vireo	<i>Vireolanius pulchellus</i>		D		X		X						X				X
JAYS AND CROWS - CORVIDAE																	
Green Jay	<i>Cyanocorax yncas</i>	Cling-cling	R			X	X		X								
Brown Jay	<i>Cyanocorax morio</i>	Piam-piam	R	X	X	X	X	X	X	X	X	X	X			X	X
SWALLOWS - HIRUNDINIDAE																	
Gray-breasted Martin	<i>Progne chalybea</i>		D			X											
Tree Swallow	<i>Tachycineta bicolor</i>	Christmas bird	T					X									
Mangrove Swallow	<i>Tachycineta albilinea</i>		R											X			
WRENS - TROGLODYTIDAE																	
Spot-breasted Wren	<i>Thryothorus maculipectus</i>	Katy-yu-baby-di-cry	R	X	X	X	X	X	X	X	X	X	X		X	X	X
House Wren	<i>Troglodytes aedon</i>		R		X	X	X	X	X	X							X
White-breasted Wood-Wren	<i>Henicorhina leucosticta</i>		R	X	X		X	X	X	X	X	X		X	X	X	X
GNATCATCHERS - SYLVIIDAE																	
Long-billed Gnatwren	<i>Ramphocaenus melanurus</i>		R	X	X	X	X	X	X	X	X	X					X
Blue-gray Gnatcatcher	<i>Polioptila caerulea</i>		WR		X		X					X					
Tropical Gnatcatcher	<i>Polioptila plumbea</i>		R		X		X		X	X	X	X		X			X
SOLITAIRES, THRUSHES AND ALLIES - TURDIDAE																	
Swainson's Thrush	<i>Catharus ustulatus</i>		WT	X	X		X										
Wood Thrush	<i>Hylocichla mustelinus</i>		W	X													

Birds Observed in The Sarstoon Temash Area

English Name	Scientific name	Local name(s)	Status	Apr-03	4/5/2003	4/5/2003	5/5/2003	9/9/2003	9/9/2003	9/9/2003	21/5/03	21/5/03	21/5/03	26/8/03	26/0/03	28/5/03	28/5/03
				Barranco	Ck trl	Cjo VII	SunW.Crk.Trl	CSar Vill	CSarTrail	CSarRiver	TemRiver	TemLow forest	TemHigh Forest	Sar River	Sar Low forest	MW Vil.	MW Trls
Clay-colored Trush	<i>Turdus grayi</i>	Brown Cusco	R		X	X	X	X	X	X						X	X
White-throated Robin	<i>Turdus assimilis</i>		R		X												
MOCKINGBIRDS, THRASHERS AND ALLIES - MIMIDAE																	
Gray Catbird	<i>Dumetella carolinensis</i>		W	X	X	X											
Tropical Mockingbird	<i>Mimus gilvus</i>	Nightingale	R	X													
WOOD WARBLERS - PARULIDAE																	
Tennessee Warbler	<i>Vermivora peregrina</i>		WT				X										
Yellow Warbler	<i>Dendroica petechia</i>	(including Mangrove Warbler)	RW			X	X	X						X			
Chestnut-sided Warbler	<i>Dendroica pensylvanica</i>		T	X	X		X										
Magnolia Warbler	<i>Dendroica magnolia</i>		W	X	X	X	X										
Black-and-white Warbler	<i>Mniotilta varia</i>		W					X	X	X				X			
American Redstart	<i>Setophaga ruticilla</i>		W		X	X	X	X									
Prothonotary Warbler	<i>Protonotaria citrea</i>		T							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			X	X	X							
Kentucky Warbler	<i>Oporornis formosus</i>		WT						X	X							
Common Yellowthroat	<i>Geothlypis trichas</i>		W		X	X											
Gray-crowned Yellowthroat	<i>Geothlypis poliocephala</i>		R					X									
BANANAQUIT - COEREBIDAE																	
Bananaquit	<i>Coereba flaveola</i>		R		X												
TANAGERS - THRAUPIDAE																	
Red crowned Ant Tanager	<i>Habia rubica</i>		R		X		X					X	X				X
Red throated Ant Tanager	<i>Habia fuscicauda</i>		R	X	X	X	X	X	X	X	X	X	X			X	X
Summer Tanager	<i>Piranga rubra</i>		W	X													
White-winged Tanager	<i>Piranga leucoptera</i>		R	X													

Birds Observed in The Sarstoon Temash Area

English Name	Scientific name	Local name(s)	Status	Apr-03	4/5/2003	4/5/2003	5/5/2003	9/9/2003	9/9/2003	9/9/2003	21/5/03	21/5/03	21/5/03	26/8/03	26/0/03	28/5/03	28/5/03
				Barranco	Ck trl	Cjo VII	SunW.Crk.Trl	CSar VIII	CSarTrail	CSarRiver	TemRiver	TemLow forest	TemHigh Forest	Sar River	Sar Low forest	MW Vil.	MW Trls
Crimson-collared Tanager	<i>Ramphocelus sanguinolenta</i>		R		X				X	X							X
Passerini's Tanager	<i>Ramphocelus passerinii</i>	(Scarlet-rumped Tanager)	R		X	X	X			X							X
Blue-gray Tanager	<i>Thraupis episcopus</i>	Bluebird	R	X	X	X	X	X								X	X
Yellow-winged Tanager	<i>Thraupis abbas</i>		R		X	X	X	X	X							X	X
Scrub Euphonia	<i>Euphonia affinis</i>		R		X	X	X										
Yellow-throated Euphonia	<i>Euphonia hirundinacea</i>		R	X	X	X	X		X	X					X		X
Elegant Euphonia	<i>Euphonia elegantissima</i>		R														
Olive-backed Euphonia	<i>Euphonia gouldi</i>		R	X	X		X				X	X	X		X	X	X
Golden-hooded Tanager	<i>Tangara larvata</i>	(Masked Tanager)	R						X								X
Red-legged Honeycreeper	<i>Cyanerpes cyaneus</i>		R		X	X	X	X	X	X					X	X	X
EMBERIZINES - EMBERIZIDAE																	
Blue-black Grassquit	<i>Volatinia jacarina</i>		R			X	X	X									X
Variable Seedeater	<i>Sporophila americana</i>		R		X	X	X	X		X							X
White-collared Seedeater	<i>Sporophila torqueola</i>	Ricey, Grassy bird	R		X	X	X	X	X	X						X	X
Thick-billed Seedfinch	<i>Oryzoborus funereus</i>		R	X	X	X	X	X	X	X						X	X
Orange-billed Sparrow	<i>Arremon aurantiostris</i>		R		X		X										
Green-backed Sparrow	<i>Arremonops chloronotus</i>		R		X	X	X	X	X	X							X
CARDINALS AND ALLIES - CARDINALINAE																	
Grayish Saltator	<i>Saltator coerulescens</i>		R		X	X	X	X		X							
Buff-throated Saltator	<i>Saltator maximus</i>		R				X	X									X
Black-headed Saltator	<i>Saltator atriceps</i>		R		X	X	X	X	X	X						X	X
Black-faced Grosbeak	<i>Caryothraustes poliogaster</i>		R		X	X	X				X	X					X
Blue-black Grosbeak	<i>Cyanocompsa cyanoides</i>		R		X	X	X	X	X	X						X	X
Dickcissel	<i>Spiza americana</i>		T	X													
BLACKBIRDS AND ALLIES - ICTERIDAE																	
Bobolink	<i>Dolichonyx oryzivorus</i>		T														
Melodious Blackbird	<i>Dives dives</i>		R	X	X	X	X	X		X						X	

Birds Observed in The Sarstoon Temash Area

English Name	Scientific name	Local name(s)	Status	Apr-03	4/5/2003	4/5/2003	5/5/2003	9/9/2003	9/9/2003	9/9/2003	21/5/03	21/5/03	21/5/03	26/8/03	26/0/03	28/5/03	28/5/03
				Barranco	Ck trl	Cjo VII	SunW.Crk.Trl	CSar Vill	CSarTrail	CSarRiver	TemRiver	TemLow forest	TemHigh Forest	Sar River	Sar Low forest	MW Vil.	MW Trls
Great-tailed Grackle	<i>Quiscalus mexicanus</i>	Blackbird	R		X	X	X	X						X		X	
Bronzed Cowbird	<i>Molothrus aeneus</i>		R					X									
Black-cowled Oriole	<i>Icterus prothemelas</i>	Banana bird	R		X		X	X	X	X							
Yellow-tailed Oriole	<i>Icterus mesomelas</i>	Banana bird	R		X	X	X		X	X							
Baltimore Oriole	<i>Icterus galbula</i>	Northern Oriole, Banana bird	R			X											
Yellow-billed Cacique	<i>Amblycercus holosericeus</i>	Bamboo Cracker	R	X	X	X	X	X	X	X						X	X
Chestnut-headed Oropendola	<i>Psarocolius wagleri</i>		R								X						X
Montezuma Oropendola	<i>Psarocolius montezuma</i>	Yellow tail	R	X	X	X	X	X	X	X	X	X	X	X		X	X
Total 231 species																	

Point Count Birds: Midway

SPIESES	TRANSECT	POINT	ST.TIME	FH.TIME	28-May-03
Tropical Gnatcatcher	Hight Forest	#1	0510hrs		
Greenish Eleania					
Bright-rumped Attila					
Slaty-tailed Trogon					
White-breasted Wood-wren					
Red-legged Honey-Creeper					
Eastern-wood Pewee					
Stub-tailed Spade-bill					
Thrushlike Schiffornis					
Great Tinamou					
Red-throated Ant-tanager					
Ivory-billed Wood-creeper				0520hrs	
Golden-masked Tanager		#2	0522hrs		
Slaty Antshrike					
Northern Bentbill					
Black-faced Grosbeak					
Great Tinamou					
Olive-backed Euphonia					
Lesser Greenlet					
Mexican Antthrush					
Red-lored Parrot					
Mealy Parrot					
Green-shrike Virio					
Little Hermet				0532hrs	
Thrushlike Schiffornis		#3	0533hrs		
Rufous-tailed Hummingbird					
Short-billed Pigeon					
Black-headed Trogon					
Red-throated Ant-tanager					
Violaceous Trogon					
Tawny-crowned Greenlet					
Plain Xenops					
Montozuma Oropendula					
White-bellied Emerald					
Red-lored Parrot				0543hrs	
Spor-breasted Wren		#4	0545hrs		
Brown Jay					
Thrushlike Schiffornis					
White-breasted Wood-wren					
Northern Bentbill					
Stub-tailed Spade-bill					
Montozuma Oropendula					
Black-faced Grosbeak					
Ockre-bellied Flycatcher					
Rufous-tailed Hummingbird				0555hrs	
Ockre-bellied Flycatcher		#5	0557hrs		
Spor-breasted Wren					
Tawny-winged Wood-creeper					
Rufous Mourner					
Pale-billed Wood-pecker					

Point Count Birds: Midway

Red-throated Ant-tanager				
Slaty-tailed Trogon				
Mexican Antthrush				
Green-shrike Vireo				
Lineated Woodpecker			0607hrs	
Rufous Mourner	Quarry	#5	0523hrs	29-May-03
Blue-crowned Mot-mot				
Lesser Greenlet				
Short-billed Pigeon				
Rufous Piha				
Bright-rumped Attila				
Ivory-billed Wood-creeper				
Red-crowned Ant-tanager				
Black-headed Trogon				
Olive-backed Euphonia				
Brown Jay				
Collared Aracari				
Violaceous Trogon				
Yellow-throated Euphonia				
Slaty-tailed Trogon				
Yellow-billed Casique				
Collared Forest Falcon			0533hrs	
Great Tinamou		#4	0535hrs	
Bare-throated Tiger-heron				
Rufous-tailed Hummingbird				
Lineated Woodpecker				
Ivory-billed Wood-creeper				
White-breasted Wood-wren				
Lesser Greenlet				
White-crowned Parrot			0545hrs	
Spot-breasted Wren		#3	0547hrs	
Black-cheeked Woodpecker				
Lesser Greenlet				
Bright-rumped Attila				
Red-capped Manakin				
Yellow-olive Flycatcher				
Green Kingfisher				
Spot-breasted Wren				
Pale-billed Woodpecker				
Long-tailed Hermit			0557hrs	
Slaty-tailed Trogon		#2	0600hrs	
Ockre-bellied Flycatcher				
Long-tailed Hermit				
White-breasted Wood-wren				
Chestnut-collared Woodpecker				
Stub-tailed Spadebill				
White-crowned Parrot				
Dusky Antbird				
Collared Aracari			0610hrs	

Point Count Birds: Midway

Ivory-billed Wood-creeper	#1	0612hrs
Scaled Pigeon		
Brown Jay		
Little Hermet		
Slaty-tailed Trogon		
Rufous Piha		
Long-billed Gnotwren		
Mexican Antthrush		0624hrs

Pointcount Birds: Crique Sarco

SPECIES	TRANSECT	POINT	ST.TIME	FH.TIME	
Kentucky Warbler	Crique Sarco	#1	0537hrs		10-Sep-03
Thrushlike Shiffornis	High Forest				
Grey-headed Dove					
Spot-breasted Wren					
White-breasted Wood-wren					
Rufous-tailed Hummingbird					
Red-ored Parrot					
Little Hermet					
Northern Bentbill					
Tawny-winged Wood-creeper					
Clay-collared Robin					
Dusky Antbird					
Ivory-billed Wood-creeper					
Black-headed Trogon					
Slaty-tailed Trogon					
Olivaceous Wood-creeper					
Yellow-throated Euphonia				0547hrs	
Western-slaty Antshrike		#2	0549hrs		
Long-tailed Hermet					
Dot-winged Antwren					
Grey-headed Dove					
White-bellied Emerald					
Short-billed Pigeon					
Mexican Anttrush					
Dusky Antbird					
Long-billed Gnotwren					
Yellow-olive Flycatcher					
Rufous Piha				0559hrs	
Black-headed Trogon		#3	0601hrs		
Pale-billed Woodpecker					
Dusky Antbird					
Green Kingfisher					
Thrushlike Shiffornis					
Mealy Parrot					
Western-slaty Antshrike					
Lesser Greenlet				0611hrs	
Blue-black Grosbeak		#4	0613hrs		
Mexican Anttrush					
Red-ored Parrot					
Tawny-crowned Greenlet					
Smoky-brown Woodpecker				0623hrs	
Red-throated Anttanager		#5	0625hrs		
Dot-winged Antwren					
Spot-breasted Wren					
Ivory-billed Wood-creeper					
Blue-ground Dove					
Montezuma Oropendula					
Great Tinamou				0635hrs	
	Crique Sarco				
Grayish Saltator	RIVER	#1	0521hrs		11-Sep-03
Montezuma Oropendula					
Common Paraque					
Social Flycatcher					

Pointcount Birds: Crique Sarco

Common-tody Flycatcher			
Variable Seedeater			
Yellow-billed Casique			
Black-headed Saltator			
Great Kiskadee			
Dusky Antbird			
Spot-breasted Wren			
Laughing Falcon			
Yellow-tailed Oriole			
Grey-headed Dove			0531hrs
Red-ored Parrot	#2	0534hrs	
Barred Antshrike			
Groved-billed Ani			
White-necked Jacobin			
Rufous-tailed Hummingbird			
Spot-breasted Wren			
Northern Waterthrush			0544hrs
Green-backed Sparrow	#3	0546hrs	
Red-throated Anttanager			
Smoky-brown Woodpecker			
Common-tody Flycatcher			
Yellow-billed Casique			
Passarin's Tanager			
Rufous-breasted Spinetailed			
Ruddy Crake			
Yellow-tailed Oriole			
Ivory-billed Woodcreeper			
Mexican Anttrush			
Blue-ground Dove			
Great Antshrike			
Scaled Pigeon			
Northern Waterthrush			
Gray Hawk			0556hrs
Spot-breasted Wren	#4	0559hrs	
Grayish Saltator			
Short-billed Pigeon			
Red-ored Parrot			
Blue-black Grosbeak			
Yellow-billed Casique			
Great Antshrike			
Ivory-billed Woodcreeper			
Brown-hooded Parrot			
Prothonotory Warbler			
Red-legged Honeycreeper			
Common-tody Flycatcher			
White-necked Jacobin			0609hrs
Raining	Raining		
Ivory-billed Woodcreeper	#5	0612hrs	
Ivory-billed Woodcreeper			
Tropical Peewee			
Common-tody Flycatcher			
Northern Waterthrush			0622hrs

Point Count Birds: Sunday Wood, Conejo Creek

CONEJO CREEK

SPIECES	Habitat	PT.#	ST.TIME	FH.TIME	DATE
Red-throated Ant-tanager	Swamp forest	1	05:15hrs		5/5/2003
Yellow-billed Casique					
Vermiculated Squeesh-owl					
Laughing Falcon					
Mexican Antthrush					
Ivory-billed Woodcreeper					
Smoky-brown Woodpecker					
Montezuma Oropendula					
Barred Antshrike					
Spot-breasted Wren					
Short-billed Pigeon					
Black-headed Trogon					
Lesser Greenlet					
Bare-throated Tiger-heron					
Pale-billed Woodpecker					
Pale-vented Pigeon					
Yellow-tailed Oriole					
Slaty-tailed Trogon					
Collared-Aracari				05:25hrs	
Short-billed Pigeon		2	05:29hrs		
Eastern Kingbird					
Blue-black Grossbeak					
Yellow-bellied Tyranulet					
Lesser Greenlet					
Bright-rumped Attila					
Yellow-billed Casique					
White-crowned parrot					
Vermiculated Squeesh-owl					
Hummingbird Spp.					
Laughing Falcon					
Olive-throated Parakeet					
Red-lored Parrot				05:39hrs	
Olive-throated Parakeet		3	05:41hrs		
Spot-breasted Wren					
Black-headed Trogon					
Blue Ground Dove					
Red-throated Ant-tanager					
Slaty-tailed Trogon					
Mexican Antthrush					
Eastern Kingbird					
Northern Bentbill					
Ivory-billed Woodcreeper					
Smoky-brown Woodpecker					
Blue-black Grossbeak					
American Redstart					
Gray-chested Dove					
Red-crowned Ant-tanager					
Lesser Greenlet					
Montezuma Oropendula					
Northern Bentbill					

Point Count Birds: Sunday Wood, Conejo Creek

Pale-billed Woodpecker		05:51hrs
Northern Bentbill	4	05:53hrs
Dusky Antbird		
Spot-breasted Wren		
Barred Antshrike		
Scaled Pigeon		
Gray-chested Dove		
White-crowned parrot		
Yellow-bellied Tyranulet		
Hummingbird Spp.		
Long-billed Gnot-wren		
Orange-billed Sparrow		
Blue Ground Dove		
Red-throated Ant-tanager		
Brown Jay		
Yellow-billed Casique		06:03hrs
White-breasted Wood-wren	5	06:10hrs
Northern Bentbill		
Blue-black Grosbeak		
Thrushlike Shiffornis		
Slaty-tailed Trogon		
Lesser Greenlet		
Mexican Antthrush		
Red-lored Parrot		
Dusky Antbird		
Spot-breasted Wren		
Chestnut-collared Wood-pecker		
Plain Xenops		06:20hrs

CONEJO CREEK

Western Slaty-Antshrike			
Dusky-capped Flycatcher			
Keeled-billed Toucan			
Long-billed Gnotwren			
Red-throated Ant-tanager			
Montezuma Oropendula			
Northern Bentbill			
Yellow-bellied Tyranulet			
Red-lored Parrot			
Ivory-billed Woodcreeper			
Tropical Gnotcatcher			
Collared-forest Falcon			
Pale-billed Woodpecker			
Dot-winged Antwren			
Bright-rumped Attila			
Vermiculated Squeech-owl			
Mexican Antthrush			
Red-crowned Ant-tanager			
Spot-breasted Wren			
Olive-throated Parakeet			
White-crowned Parrot			05:25hrs
Masked Tityra	2	05:28hrs	

Point Count Birds: Sunday Wood, Conejo Creek

Yellow-bellied Tyranulet		
Long-billed Gnotwren		
Spot-breasted Wren		
Violaceous Trogon		
Hummingbird spp.		
Red-throated Ant-tanager		
Ivroy-billed Woodcreeper		
Short-billed Pigeon		
Blue-black Grosbeak		
Yellow-tailed Oriole		
Bright-rumped Attila		
Lesser Greenlet		
Plain Xenops		
Mexican Antthrush		
Little Hermet		
Red-lored Parrot		
Olive-throated Parakeet		
Little Tinamou		
Olive-backed Euphonia		
Northern Bentbill		
Montezuma Oropendula		
Slaty-tailed Trogon		
White-breasted Woodwren		
Rufous Mourner		05:38hrs
Keeled-billed Tucan	3	05:41hrs
Red-crowned Ant-tanager		
Green Shrike-virio		
Montezuma Oropendula		
Blach-headed Trogon		
Long-billed Gnotwren		
Spot-breasted Wren		
Pale-billed Woodpecker		
Mexican Antthrush		
Red-lored Parrot		
Ivroy-billed Woodcreeper		
Greenish Eleania		
Blach-headed Trogon		05:48hrs
Mexican Antthrush	4	05:53hrs
Montezuma Oropendula		
Short-billed Pigeon		
Ivroy-billed Woodcreeper		
Plain Xenops		
Stub-tailed Spadebilled		
Rufous Mourner		
Chestnut-sided Warbler		
Long-billed Gnotwren		
Greenish Eleania		
Rufous Piha		
Red-throated Ant-tanager		
Long-tailed Hermet		
Olive-backed Euphonia		06:03hrs
Mexican Antthrush	5	06:04hrs

Point Count Birds: Sunday Wood, Conejo Creek

Smoky-brown Woodpecker
 Spot-breasted Wren
 Lesser Greenlet
 Short-billed Pigeon
 White-breasted Woodwren
 Long-billed Gnotwren
 Northern Bentbill
 Chestnut-sided Warbler
 Tawny-crowned Greenlet
 Long-tailed Hermit
 Little Tinamou
 Long-billed Gnotwren
 Rufous Piha
 Montezuma Oropendula
 Blue Ground Dove
 Brown-hooded Parrot 06:14hrs

SUNDAY WOOD LOW FOREST

7-May-03

Blue-crowned Mot-Mot	Low Forest	1	05:05hrs
Brown Jay			
Dusky-capped Flycatcher			
Boat-billed Flycatcher			
White-tipped Dove			
Great Kiskadee			
Social Flycatcher			
Bright-rumped Attila			
Common Paraque			
Red-throated Ant-tanager			
Spot-breasted Wren			
Clay-collared Robin			
Yellow-backed Oriole			
Rufous-breasted Spinetail			
Yellow-olive Flycatcher			
Ruddy Crake			
Rufous-tailed Hummingbird			
Yucatan Night-jar			0510hrs
Common yellowthroat		2	0515hrs
Barred Antshrike			
Red-crowned Ant-tanager			
Red-eyed Virio			
Clay-collared Robin			
Epidonax Spp.			
Spot-breasted Wren			
Pale-vented Pigeon			
Ivory-billed Wood-creeper			
Red-throated Ant-tanager			
Northern Bentbill			
Bright-rumped Attila			
Gray-headed Dove			
Pale-billed Woodpecker			
Yellow-bellied Tyranulet			
Rufous-tailed Hummingbird			

Point Count Birds: Sunday Wood, Conejo Creek

Brown Jay		
Common Parakeet		
Red-ored Parrot		
Lesser Greenlet		
Ringed Kingfisher		
Striped Cuckoo		0525hrs
Yellow-billed Casique	3	0528hrs
Yellow-olive Flycatcher		
Northern Bentbill		
Bright-rumped Attila		
Dusky Antbird		
Blue-ground Dove		
Melodius Blackbird		
Social Flycatcher		
White-bellied Wren		
Great Tinamou		
Road-side Hawk		0538hrs
Lesser Greenlet	4	0540hrs
Grayish Saltator		
Spot-breasted Wren		
Barred Antshrike		
Rufous-tailed Hummingbird		
Northern Bentbill		
Gray-fronted Dove		
Great Tinamou		
Yellow-throated Euphonia		
Black-headed Saltator		
American Redstart		
Magnolia Warbler		
White-tipped Dove		
Yellow-bellied Eleania		
Red-ored Parrot		
White-bellied Wren		
Greenish Eleania		0550hrs
Black-headed Trogon	5	0552hrs
Plain Chachalaca		
Barred Antshrike		
Long-billed Gnotwren		
Northern Bentbill		
White-fronted Parrot		
Magnolia Warbler		
Pale-vented Pigeon		
Red-billed Pigeon		
Bright-rumped Attila		
Spot-breasted Wren		
Brown Jay		
Grayish Saltator		
Blue-ground Dove		
Smoky-brown Woodpecker		0602hrs

Point Count Birds: Barranco

BARRANCO					
SPECIES	TRANSECT	POINT	START TIME	FINISH TIME	
Paraque	# 1	#1	05:28hrs		24-Apr-03
Slaty-Antshrike					
Swainson Thrush					
Northern-bentbill					
Black-headed Trogon					
Lesser Greenlet					
Mexican Antthrush					
Brown Jay					
Red-ored Parrot					
Great Tinamou					
Montozuma Oropendula					
Bright-rumped Attila					
Collared-forest Falcon					
Dusky-capped Flycatcher					
Gray Catbird					
Chestnut-sided Warbler					
Unkown spp					
Pale-vented Pigeon					
Short-billed Pigeon				05:38hrs	
Red-throated Ant-tanager		#2	05:41hrs		
Yellow-throated Euphonia					
Swainson Thrush					
Unkown spp					
White-breasted Wood-Wren					
Magnolia Warbler					
Rufus-tailed Hummingbird					
Lesser Greenlet					
Olive-throated Pappakeet					
Woodthrush					
Thrushlike Schiffornis				05:51hrs	
Brown Jay		#3	05:55hrs		
Yellow-green Virio					
Swainson Thrush					
Unkown spp					
Mangrove Virio					
Melodius Blackbird					
Yellow-bellied Elaenia					
Blue-ground Dove					
Gray Catbird					
Violacius Trogon					
Olive-back Euphonia				06:05hrs	
Yellow-green Virio		#4	06:08hrs		
Bright-rumped Attila					
Black-headed Trogon					
Red-ored Parrot					
Philadelphia Virio					
Summer Tanager					
Red-billed Pigeon					
Red-throated Ant-tanager					
Great Kiskadee				06:18hrs	

Point Count Birds: Barranco

Common-tody Flycatcher			06:21hrs	
Yellow-bellied Elaenia				
Ivory-billed Woodcreeper				
Yellow-green Virio				
Tawny-winged Woodcreeper				
Unkown spp				
Lineated Woodpecker			06:31hrs	
Brown Jay	#2	#5	06:45hrs	24-Apr-03
Lesser Greenlet				
Montezuma Oropendula				
Bright-rumped Attila				
Great Tinamou				
Hummingbird Spp				
Spot-breasted Wren				
Black-headed Trogon				
Swainson Thrush				
Gray-headed Dove				
Northern Bentbill				
Red-ored Parrot				
Great Kiskdee				
Ivroy-billed Woodcreeper				
Olive-backed Euphonia				
Tropical Kingbird				
Yellow-bellied Elaenia				
Long-billed Gnotwren				
Unknown Spp				
Blue-gray Tanager				
Thick-billed Seed-finch			06:55hrs	
Yellow-green Virio		#4	06:58hrs	
Dusky-capped Flycatcher				
Chestnut-sided Warbler				
Woodpecker Spp				
White-collared Manakin			07:08hrs	
Tropical Kingbird		#3	07:13hrs	
Brown-crested Flycatcher				
Black-headed Trogon				
Plain Chachalaca				
Thrushlike Schiffornis				
Little Hermit				
Pale-vented Pigeon				
Mexican Antthrush			07:23hrs	
Golden-fronted Woodpecker		#2	07:25hrs	
Melodius Blackbird				
Ruddy Woodcreeper				
Tawny-winged Woodcreeper				
Slaty-tailed Trogon			07:35hrs	
Great Kiskdee				
Lesser Greenlet				
hummingbird Spp				
Spot-breasted Wren				
Yellow-billed Casique			07:47hrs	

Pointcount Birds: Temash River

SPECIES	TEMASH RIVER TRANSECT	POINT	ST.TIME	FH.TIME	
Tropical Pewee	Manicaria swamp	#1	0559hrs		22-May-03
Lesser Greenlet					
Rufous-tailed Hummingbird					
White-bellied Wood-wren				0609hrs	
Mangrove Virio		#2	0610hrs		
Tawny-winged Woodcreeper				0620hrs	
Rufous-tailed Hummingbird		#3	0621hrs		
Lesser Greenlet					
Olive-backed Euphonia					
Tropical Gnotcatcher					
Red-throated Ant-tanager				0631hrs	
Brown-hooded Parrot		#4	0633hrs		
Slaty Antshrike					
Rufous-tailed Hummingbird					
Bright-rumped Attila					
Slaty-tailed Trogon					
Northern Bentbill				0643hrs	
Slaty Antwren		#5	0557hrs		
Rufous-tailed Hummingbird					
Black-headed Trogon					
Lesser Greenlet					
Scaled Pigeon				0707hrs	

	TEMASH RIVER				23-May-03
Roadside Hawk	High Forest	#5	1505hrs		
Mexican Antthrush					
Short-billed Pigeon					
Lesser Greenlet					
Northern Bentbill					
Ivory-billed Woodcreeper					
Great Tinamou					
Scaled Pigeon					
Slaty Antshrike					
Long-billed Gnotwren					
White-breasted Wood-wren					
Thrushlike Schiffornis					
Spot-breasted Wren					
Bright-rumped Attila					
Ockre-bellied Flycatcher					
Long-tailed Hermet				1515hrs	
Dot-winged Antwren		#4	1516hrs		
Green-shrike Virio					
Great Tinamou					
Keeled-billed Toucan					
Ivory-billed Woodcreeper					
Little Hermet					
Scaled Pigeon					
Lesser Greenlet					
Mexican Antthrush					

Pointcount Birds: Temash River

Mealy Parrot			
Tawny-winged Woodcreeper			
Violaceous Trogon			1526hrs
Northern Bentbill	#3	1528hrs	
Ivory-billed Woodcreeper			
Ruddy Woodcreeper			
White-breasted Wood-wren			
Tawny-crowned Greenlet			
Plain Xenops			
Black-headed Trogon			
Red-eyed Virio			1538hrs
Slaty Antshrike	#2	1540hrs	
Black-headed Trogon			
Crested Guam			
Roadside Hawk			
Mexican Antthrush			
Red-lored Parrot			
Short-billed Pigeon			1550hrs
Red-lored Parrot	#1	1552hrs	
Ivory-billed Woodcreeper			
Black-headed Trogon			
Keeled-billed Toucan			
Great Tinamou			
Thrushlike Schiffornis			
Vermiculated Squeech-owl			1602hrs

Mammals

Family	Scientific	Common names	Barranco	Along Temash River	Criq Sar RivScrub	Criq Sar Ruderal	Nr CriqSar	CriqSar swamp	Midway karst	Conejo	Sunday Wood	Midway high forest
Agoutis - Dasyproctidae	<i>Dasyprocta punctata</i>	Agouti				x		x		x		
Armandillos - Dasypodidae	<i>Dasypus novemcinctus</i>	Armadillo		x		x				x		
Cats - Felidae	<i>Leopardus pardalis</i>	Ocelot track										x
Cats - Felidae	<i>Panthera onca</i>	Jaguar	x			x				x	x	x
Cats - Felidae	<i>Herpailurus yagouaroundi</i>	Jaguarundi, Halari	x									
Cebidae - New World Monkeys	<i>Alouatta pigra</i>	Black Howler Monkey	heard	heard				heard	heard	heard	heard	heard
Opossums - Didelphidae	<i>Didelphis sp.</i>	Opossum track								x		x
Opossums - Didelphidae	<i>Philander opossum</i>	Four eye opossum		seen								
Pacas - Agoutidae	<i>Agouti paca</i>	Paca, Gibnut	x			x	x					
Peccaries - Tayassuidae	<i>Pecari tajacu</i>	Collared Pecary					x	x		x	x	
Peccaries - Tayassuidae	<i>Tayassu pecari</i>	White Lipped Pecary	?				x	x				
Porcupines - Erethizontidae	<i>Coendou mexicanus</i>	Porcupine	x									
Raccoon Family - Procyonidae	<i>Bassariscus sumichrasti</i>	Cacaomistle	?				?					
Raccoon Family - Procyonidae	<i>Nasua narica</i>	Coati							seen	seen		
Raccoon Family - Procyonidae	<i>Potos flavus</i>	Nightwalker, Kinkajou	seen	seen	x		x					
Raccoon Family - Procyonidae	<i>Procyon lotor</i>	Raccoon	seen							seen		
Squirrels - Sciuridae	<i>Sciurus deppei</i>	Deppei Squirrel						seen				seen
Tapir - Tapiridae	<i>Tapirus bairdii</i>	Tapir			x		x				x	x
Weasels - Mustelidae	<i>Eira barbara</i>	Tayra track										x
Weasels - Mustelidae	<i>Lontra longicaudis</i>	River Otter			seen							
Deer - Cervidae	<i>Odocoileus virginianus</i>	White Tailed Deer	x				x	x		x	x	x
Deer - Cervidae	<i>Mazama americana</i>	Antelope	x				x				x	
Manatees - Trichechidae	<i>Trichechus manatus</i>	Manatee	x	seen								
Dolphins - Delphinidae	<i>Tursiops truncatus</i>	Bottle Nose dolphin	seen									

J. C. Meerman, Picture Record Sarstoon Temash REA



ade_bas8260081.JPG
Adelpha basiloides.



\na_fat9100047.JPG
593,224



\ri_ass4230002.JPG
Ariopsis assimilis?



utom_9100040b.JPG
Automeris CP on



utom_9100041b.JPG
Automeris CP on



Brach5040066.JPG
Brachypelma??
Procession of baby



Brach5040067.JPG
Brachypelma??
Procession of baby



Brach5040068.JPG
Brachypelma??
Procession of baby



Brach5040069.JPG
Brachypelma??
Procession of baby



Brach5040070.JPG
Brachypelma??
Procession of baby



\al_sud5030018.JPG
39,496



aleph_5220079b.JPG
68,115



Car_lat.jpg
Caranx latus.
Carangidae.



Car_lat5220118.JPG
Caranx latus.



he_ang5280060.JPG
Chetone angulosa.



he_ang5280061.JPG
Chetone angulosa.



Cic_9100001.JPG
Cichlasoma
catches. Cichlidae.



Cic_9100002.JPG
Cichlasoma
maculicauda (?).



Cic_9100003.JPG
Cichlasoma
maculicauda (?).



Cic_boc.jpg
Cichlasoma
bocourti. Cichlidae.



\ic_boc9100073.JPG
Cichlasoma



\ic_boc9100074.JPG
Cichlasoma



\ic_boc9100089.JPG
Cichlasoma



\ic_god5040030.JPG
403,944



\ic_god5040031.JPG
418,498



\ic_god5040032.JPG
411,718



\ic_god5040033.JPG
443,857



Cic_mac.jpg
Cichlasoma
maculicauda (?).



\ic_mac9100019.JPG
Cichlasoma



\ic_mac9100080.JPG
Cichlasoma



\ic_mac9100081.JPG
Cichlasoma



Cic_mee.jpg
Cichlasoma meeki,
Cichlidae. Spanish



op_cyp4240008.JPG

Lophiogobus



op_cyp4240009.JPG

Lophiogobus



Lut_joc.jpg
Lutjanus jocu.
Lutjanidae: Dog



.lut_joc5210059.JPG

Lutjanus jocu.



yacenid5280016.JPG

Lyaceanidae



Mic_dia5040045.JPG

Micrurus diastema.



Mic_dia5040046.JPG

Micrurus diastema.



lor_the9090012.JPG

Morpho theseus.



lor_bip9110055.JPG

Norops biporcatus.



lor_bip9110056.JPG

Norops biporcatus.



lor_bip9110057.JPG

Norops biporcatus.



lor_bip9110058.JPG

Norops biporcatus.



lor_bip9110059.JPG

Norops biporcatus.



lor_pen9110046.JPG

639,363



lor_rod5210037.JPG

Norops rodriguezi.



oca_tha5050089.JPG

Thecla (Ocaria)



Oph_aen.jpg
Ophisternon
aenigmaticum,



ph_aen5040034.JPG

Ophisternon



ph_aen5040035.JPG

Ophisternon



ph_aen5040036.JPG

Ophisternon



ph_aen5040038.JPG

Ophisternon



rn_haw9100031.JPG

Ornate Hawk



rn_haw9100032.JPG

Ornate Hawk



rn_haw9100033.JPG

Ornate Hawk



rn_haw9100034.JPG

Ornate Hawk



Orn_hawk_eagle.jpg

Ornate Hawk



P4230002.JPG
430,685



P4230003.JPG
404,751



P4240008.JPG
427,962



P4240009.JPG
433,453



P4250011.JPG
447,869



P5210047.JPG
458,281

J. C. Meerman, Picture Record Sarstoon Temash REA



Cic_mee5010026.JPG
Cichlasoma meeki,



Cic_rob.jpg
Cichlasoma robertsoni. Conejo



Cic_rob5040062.JPG
Cichlasoma



Cic_spi.jpg
Cichlasoma spilurum. Conejo



Cic_spi5030019.JPG
Cichlasoma



Cic_spi5040064.JPG
Cichlasoma



Cis_her9100048.JPG
610,527



Con_bip9090027.JPG
Coniphanes



Con_bip9090028.JPG
Coniphanes



Cyc_syn4290004.JPG
Cichlasoma



Der_maw.JPG
Dermatemys mawii,
Dermatemydidae.



Der_maw9100012.JPG
Dermatemys mawii,



Der_maw9100016.JPG
Dermatemys mawii,



Der_maw9100086.JPG
Dermatemys mawii,



Der_maw9100087.JPG
Dermatemys mawii,



Dragonfl9100052.JPG
607,629



Ero_sma.jpg
Erotelis smaragdus.
Conejo Creek,



ero_sma5040063.JPG
Erotelis smaragdus.



ero_sma5040065.JPG
Erotelis smaragdus.



Passiflora pittieri



Passiflora pittieri



Passiflora pittieri



Iguana iguana.



Iguana iguana.



Katydid



Katydid



Katydid



Katydid



Katydid



Katydid



Moth larvae,



Lop_cyp.jpg
Lophiogobus cyprinoides.

J. C. Meerman, Picture Record Sarstoon Temash REA



P5210060.JPG
457,212



P5220061.JPG
437,047



P5220079.JPG
459,701



P5220086.JPG
457,820



P5220088.JPG
416,209



P5220088_s.jpg
49,178



P5220089.JPG
373,628



P5290108.JPG
Midway, Toledo.
395,283



auraque4250011.JPG
Pauraque nest with



Phas_9090021.JPG
Phasimid. Crique
Sarco



Phas_9090022.JPG
Phasimid. Crique
Sarco



ha_gua5040037.JPG
Rhamdia



ca_ann5040039.JPG
Scaphionodontophis



ca_ann5040040.JPG
Scaphionodontophis



ca_ann5040043.JPG
Scaphionodontophis



ca_ann5040044.JPG
Scaphionodontophis



Sla_tro9090018.JPG
Slaty tailed trogon,



Sph_tes.jpg
Sphoeroides
testudineus.



iph_tes4230001.JPG
Sphoeroides



tergonid5290106.JF
Katydid



tergonid5290107.JF
Katydid



Trogon9100058.JPG
Trogon, Crique



warree.gif
10,011



NJacobin9100064.J
White necked

J. C. Meerman, Picture Record Sarstoon Temash REA: Plants



P5030013.JPG
Temash lagoon near
Conejo Creek, Toledo



P5030014.JPG
Temash lagoon near
Conejo Creek, Toledo



P5030015.JPG
Temash lagoon near
Conejo Creek, Toledo



P5040056.JPG
Landing trail from Conejo
to Temash Lagoon.



P5060112.JPG
Moho River at Santa
Anna, Toledo



P5280048.JPG
View from karst hill in
northern Sarstoon



P5280049.JPG
View from karst hill in
northern Sarstoon



P5280050.JPG
View from karst hill in
northern Sarstoon



P5280051.JPG
View from karst hill in
northern Sarstoon



P5280052.JPG
View from karst hill in
northern Sarstoon



P5280053.JPG
View from karst hill in
northern Sarstoon



P5280054.JPG
View from karst hill in
northern Sarstoon



P5280055.JPG
View from karst hill in
northern Sarstoon



P5280059.JPG
View from karst hill in
northern Sarstoon



P9090033.JPG
653,332



Road5270001.JPG
New agricultural road
(lease-subdivision) near



Road5270002.JPG
New agricultural road
(lease-subdivision) near



Sarst_8260073.JPG
666,154



Sarst_8260077.JPG
708,398



Sarstoon4160003.JPG
Temash at Crique Sarco,
Toledo District, Belize.



Sarstoon4160004.JPG
Temash at Crique Sarco,
Toledo District, Belize. In



Sarstoon4160005.JPG
Temash at Crique Sarco,
Toledo District, Belize. In



Sarstoon8260013.JPG
654,144



Sarstoon8260032.JPG
653,983



Sarstoon8260033.JPG
644,111



Sarstoon8260034.JPG
653,659



Sarstoon8260053.JPG
651,526



Sarstoon8260060.JPG
655,627



Sarstoon_8260054.JPG
622,142



Sarstoon_8260055.JPG
631,221



Sarstoon_8260056.JPG
648,656



Sarstoon_8260057.JPG
652,053

J. C. Meerman, Picture Record Sarstoon Temash REA: Plants



Logging5290097.JPG
478,726



Logging8260018.JPG
Logging in manicaria forest along the



Logging9090008.JPG
Logged Mahogany: Marcos Coy, Juan Pop,



Logging9090009.JPG
Logged Mahogany: Marcos Coy, Juan Pop,



Logging_8260064.JPG
Loggin (Santa Maria) along Sarstoon River



LoggingP8260020.JPG
Logging (Santa Maria) along Sarstoon River



Milpa5280010.JPG
New agricultural road (lease-subdivision) near



Milpa5280011.JPG
New agricultural road (lease-subdivision) near



Milpa5280012.JPG
New agricultural road (lease-subdivision) near



Milpa5280013.JPG
New agricultural road (lease-subdivision) near



Milpa5290094.JPG
458,344



Milpa5290095.JPG
469,171



Moon9090038.JPG
Moon over Crique Sarco 619,694



P4240004.JPG
418,925



P4240006.JPG
409,235



P4240007.JPG
399,183



P4250002.JPG
416,880



P4250003.JPG
453,408



P4250020.JPG
754,547



P4250021.JPG
457,854



P4250022.JPG
438,520



P4250023.JPG
808,287



P4250024.JPG
435,258



P4250025.JPG
447,060



P4250026.JPG
439,400



P4250027.JPG
409,064



P4250028.JPG
433,570



P5030008.JPG
Conejo Creek (downstream at



P5030009.JPG
Conejo Creek (downstream at



P5030010.JPG
Conejo Creek (downstream at



P5030011.JPG
Conejo Creek (downstream at



P5030012.JPG
Conejo Creek (downstream at

J. C. Meerman, Picture Record Sarstoon Temash REA: Plants



Bar_shore8260050.JPG
Mangrove shore south of Barranco



Bar_shore8260051.JPG
Mangrove shore south of Barranco



Barr4160020.JPG
Barranco, Toledo district. 445,705



Barr4160021.JPG
Barranco, Toledo district. 441,533



Barr4160022.JPG
Barranco, Toledo district. 420,267



Barr4160023.JPG
Barranco, Toledo district. 425,292



Barr_shore8260048.JPG
Mangrove shore south of Barranco



Barr_shore8260049.JPG
Mangrove shore south of Barranco



Bla_cre8260078.JPG
Black Creek, Toledo district.



Bla_cre8260079.JPG
Black Creek, Toledo district.



Boundary5280028.JPG
Northern Boundary (With Midway) of Sarstoon



Boundary5280029.JPG
Northern Boundary (With Midway) of Sarstoon



Boundary5280030.JPG
Northern Boundary (With Midway) of Sarstoon



Creek5280031.JPG
Creek near karsthill in northern section of



Creek5280032.JPG
Creek near karsthill in northern section of



Cric_sar4160009.JPG
Crique Sarco, Toledo 473,587



Cric_sar4160010.JPG
Crique Sarco, Toledo 440,291



Criq_sar9100059.JPG
Temash at Crique Sarco. 682,575



Criq_sar9100062.JPG
Temash at Crique Sarco. 605,877



Criq_sar9110043.JPG
Crique sarco: road crossing



Criq_sar9110044.JPG
Crique sarco: road crossing



Criq_Sar9110045.JPG
Crique sarco: road crossing



Guate_8260052.JPG
652,962



Karst5280082.JPG
Karst hill near Midway, Toledo



Karst5280083.JPG
Karst hill near Midway, Toledo



Karst5280084.JPG
Karst hill near Midway, Toledo



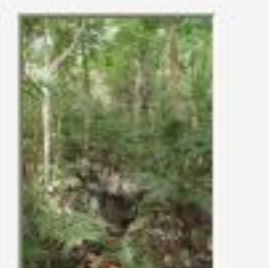
Karst5280085.JPG
Karst hill near Midway, Toledo



Karst5280086.JPG
Karst hill near Midway, Toledo



Karst5290102.JPG
Forest at base of karst hill. Midway, Toledo



karst5290103.JPG
Forest at base of karst hill. Midway, Toledo



Karst5290104.JPG
Forest at base of karst hill. Midway, Toledo



Logging5290096.JPG
441,348

J. C. Meerman, Picture Record Sarstoon Temash REA: Plants



Sarstoon_8260087.JPG
645,211



Scrub9100015.JPG
Disturbed riparian scrub
along Temash near



Scrub9100030.JPG
Disturbed riparian scrub
along Temash near



Scrub9100085.JPG
Disturbed riparian scrub
along Temash near



Scrub9100090.JPG
Disturbed riparian scrub
along Temash near



Scrub9100095.JPG
Disturbed riparian scrub
along Temash near



Spha_8260072.JPG
Sphagnum bog habitat
near Sarstoon River.



Swamp_sarstoon826006
Swampforest along



Swampf_CS9090029.JPG
Swampforest nr. Crique



Swampf_CS9090030.JPG
Swampforest nr. Crique



Swampf_CS9090030b.JPG
Swampforest nr. Crique



Swampf_CS9090034.JPG
Swampforest nr. Crique



Temash4160013.JPG
Temash at Crique Sarco,
Toledo District, Belize.



Temash5210045.JPG
392,448



Temash5210057.JPG
454,462



Temash5210058.JPG
417,839



Temash9100065.JPG
Temash River nr. Crique
Sarco



The_cac4160016.JPG
Theobroma cacao
plantation from Greg



The_cac4160017.JPG
Theobroma cacao
plantation from Greg



The_cac4160018.JPG
Theobroma cacao
plantation from Greg



Transect5280017.JPG
Vegetation Transect in
high forest near Midway,



Transect5280034.JPG
Vegetation Transect in
hill base forest near

J. C. Meerman, Picture Record Sarstoon Temash REA: Plants



Xyl_fru8260016.JPG
Xulopia frutescens.
Annonaceae. Sarstoon



Zam_var4240013.JPG
Zamia variegata.
Zamiaceae. Barranco,



Zam_var5030016.JPG
Zamia variegata,
Zamiaceae. Temash



Zam_var5030017.JPG
Zamia variegata,
Zamiaceae. Temash



Zam_var5050073.JPG
Zamia variegata. Conejo
Creek, Toledo.



Zam_var5050074.JPG
Zamia variegata. Conejo
Creek, Toledo.



Zam_var5050075.JPG
Zamia variegata. Conejo
Creek, Toledo.



Zam_var8260002.JPG
Zamia variegata.
Sarstoon River, Belize



Zam_var8260003.JPG
Zamia variegata.
Sarstoon River, Belize



Zam_var8260005.JPG
Zamia variegata.
Sarstoon River, Belize



Zam_var8260006.JPG
Zamia variegata.
Sarstoon River, Belize



Zam_var8260007.JPG
Zamia variegata.
Sarstoon River, Belize



Zam_var8260008.JPG
Zamia variegata.
Sarstoon River, Belize



Zam_var8260009.JPG
Zamia variegata.
Sarstoon River, Belize



Zam_var8260010.JPG
Zamia variegata.
Sarstoon River, Belize



Zam_var8260011.JPG
Zamia variegata.
Sarstoon River, Belize



Zam_var_frt.JPG
Zamia variegata.
Sarstoon River, Belize



Zam_var_if.jpg
Zamia variegata. Conejo
Creek, Toledo.



Zam_var_plnt.jpg
Zamia variegata,
Zamiaceae. Temash



Zan_5050101.JPG
Zanthoxylum sp.
Rutaceae. Sunday



Zan_5050102.JPG
Zanthoxylum sp.
Rutaceae. Sunday

J. C. Meerman, Picture Record Sarstoon Temash REA: Plants



Sym_glo5040050.JPG
Symphonia globulifera,
Clusiaceae. Conejo



Tab_arb4160014.JPG
Tabernaemontana
arborea. Apocynaceae.



Tab_arb4160015.JPG
Tabernaemontana
arborea. Apocynaceae.



Tab_arb4240005.JPG
Tabernaemontana
arborea. Apocynaceae.



Ter_ama4230012.JPG
Terminalia amazonia.
Combretaceae.



The_aho4230017.JPG
Thevetia ahouai.
Apocynaceae.



Til_8260095.JPG
668,770



Till_8260080.JPG
633,599



Toc_gui4240018.JPG
Tococca guianensis,
Melastomataceae.



Tour9100091.JPG
Tournefortia (bicolor?),
Boraginaceae. Temash



Tour_9100092.JPG
Tournefortia (bicolor?),
Boraginaceae. Temash



Tour_9100093.JPG
Tournefortia (bicolor?),
Boraginaceae. Temash



Tour_9100094.JPG
Tournefortia (bicolor?),
Boraginaceae. Temash



Tre_mic5280057.JPG
Trema micrantha.
Ulmaceae. Midway,



Tre_mic5280058.JPG
Trema micrantha.
Ulmaceae. Midway,



Tri_mar9100014.JPG
Trichilia martiana (?),
Meliaceae. Temash River



Tri_mar9100096.JPG
Trichilia martiana (?),
Meliaceae. Temash River



Tri_mar9100097.JPG
Trichilia martiana (?),
Meliaceae. Temash River



Tri_mar9100099.JPG
Trichilia martiana (?),
Meliaceae. Temash River



Tri_pal9100046.JPG
Trichilia pallida =
montana (?), Meliaceae.



Trichomanes5210046.JPG
Trichomanes ??



Tro_mex4250018.JPG
Trophis mexicana,
Moraceae. Barranco,



Van_har4240001.JPG
Vanilla hartii??
Orchidaceae. Barranco,



Vir_9100068.JPG
Viola sp. Myrsinaceae.
Temash River nr. Crique



Viola5290100.JPG
Viola sp. Myrsinaceae.
Midway, Toledo.



Vit_kuy5030021.JPG
Vitex kuylenii,
Verbenaceae. Conejo



Vit_kuy5030022.JPG
Vitex kuylenii,
Verbenaceae. Conejo



Vit_kuy5070013.JPG
Vitex kuylenii.
Verbenaceae. BFREE,



Voc_hon4230008.JPG
Vochysia hondurensis.
Vochysiaceae.



Vri_gla5220116.JPG
Vriesea gladioliflora,
Bromeliaceae.



Vri_hel9090023.JPG
Vriesea heliconioides.
Bromeliaceae. Crique



Xate5280081.JPG
Xate: Chamaeodorea
ernesti-augusti. Cut for

J. C. Meerman, Picture Record Sarstoon Temash REA: Plants



Sch_poe5220070.JPG
Schizaea poeppigiana.
Schizaeaceae. Sarstoon



Sch_poe5220071.JPG
Schizaea poeppigiana.
Schizaeaceae. Sarstoon



Slo_tue4240020.JPG
Sloanea tuerckheimii.
Eleocarpaceae.



Smi_reg9100007.JPG
Smilax regelii,
Smilacaceae. Temash



Smi_reg9100008.JPG
Smilax regelii,
Smilacaceae. Temash



Spa_4230027.JPG
422,431



Sph_8260075.JPG
Sphagnum bog approach
near Sarstoon River.



Sph_sub5220091.JPG
Sphagnum
subsecundum var.



Sph_sub5220092.JPG
Sphagnum
subsecundum var.



Sph_sub5220093.JPG
Sphagnum
subsecundum var.



Sph_sub5220110.JPG
Sphagnum
subsecundum swamp in



Spha_8260026.JPG
Sphagnum bog approach
near Sarstoon River.



Spha_8260028.JPG
Sphagnum bog approach
near Sarstoon River.



Spha_8260074.JPG
Sphagnum bog nr
Sarstoon River



Spha_8260096.JPG
Sphagnum bog approach
near Black Creek



Spha_8260097.JPG
Sphagnum bog approach
near Black Creek



Spo_pur4230018.JPG
Spondias purpurea.
Anacardiaceae.



Ste_mex.JPG
Sterculia mexicana.
Sterculiaceae.



Ste_mex9090004.JPG
Sterculia mexicana.
Sterculiaceae. Fruit.



Ste_mex9090005.JPG
Sterculia mexicana.
Sterculiaceae. Bole. With



Ste_mex9090006.JPG
Sterculia mexicana.
Sterculiaceae. Bole. With



Ste_mex9090007.JPG
Sterculia mexicana.
Sterculiaceae.



Ste_mex9090013.JPG
Sterculia mexicana.
Sterculiaceae. Fruit.



Ste_mex_fr.JPG
Sterculia mexicana.
Sterculiaceae. Fruit.



Ste_mex_san.JPG
Sterculia mexicana.
Sterculiaceae. Bole. With



Strut4230014.JPG
Struthanthus sp.
Loranthaceae. Barranco,



Swa_cub5210055.JPG
Swartzia cubensis.
Fabaceae:



Swa_cub5210056.JPG
Swartzia cubensis.
Fabaceae:



Swe_pan5280021.JPG
Sweetenia panamensis.
Papilionideae. Midway,



Swe_pan5280022.JPG
Sweetenia panamensis.
Papilionideae. Midway,



Swe_pan5280023.JPG
Sweetenia panamensis.
Papilionideae. Midway,



Swi_mac9090010.JPG
662,900

J. C. Meerman, Picture Record Sarstoon Temash REA: Plants



Pac_aqu4230023.JPG
Pachyra aquatica.
Bombacaceae.



Par_ses5050092.JPG
Parathesis sessiliflora?
Myrsinaceae. Sunday



Perom4230010.JPG
Peperomia, Piperaceae.
Barranco, Toledo district.



Pip_poe5050078.JPG
Piptocarpha poeppigiana,
Asteraceae. Sunday



Pleur_260068.JPG
Pleurothallus sp.
Orchidaceae, Sarstoon



Pleur_8260069.JPG
Pleurothallus sp.
Orchidaceae, Sarstoon



Pleur_8260070.JPG
613,320



Pol_cla8260066.JPG
Polystachya clavata.
Orchidaceae, Sarstoon



Pou_5280044.JPG
Pouteria sp. Sapotaceae.
Base of limestone hill,



Pou_5280045.JPG
Pouteria sp. Sapotaceae.
Base of limestone hill,



Pro_mul5050094.JPG
Protium multiramiflorum?
Burseraceae. Sunday



Pseudob5280089.JPG
Pseudobombax sp.
Bombacaceae. Midway,



Psi_gua4230007.JPG
Psidium guajava.
Myrtaceae. Barranco,



Ran_gen9090036.JPG
Randia genipifolia,
Rubiaceae. Crique Sarco



Rei_gra4240012.JPG
Reinhardtia gracilis
gracilis. Barranco,



Rin_5050072.JPG
Rinorea sp. Violaceae.
Conejo Creek, Toledo



Rin_5280035.JPG
Rinorea sp. Violaceae.
Midway, Toledo



Rin_hum5050071.JPG
Rinorea humilis?
Violaceae. Conejo Creek,



Rubiaceae5280024.JPG
Rubiaceae. Midway,
Toledo



Rubiaceae5280024.JPG
Rubiaceae. Midway,
Toledo



Rubiaceae5280024.JPG
Rubiaceae. Midway,
Toledo



Rubiaceae5280024.JPG
Rubiaceae. Midway,
Toledo



Rubiaceae5280024.JPG
Rubiaceae. Midway,
Toledo



Rubiaceae5280024.JPG
Rubiaceae. Midway,
Toledo



Sch_bel5220094.JPG
Schizocardia belizensis.
Clethraceae. Sphagnum



Sch_bel5220095.JPG
Schizocardia belizensis.
Clethraceae. Sphagnum



Sch_bel5220096.JPG
Schizocardia belizensis.
Clethraceae. Sphagnum



Sch_bel5220097.JPG
Schizocardia belizensis.
Clethraceae. Sphagnum



Sch_bel5220098.JPG
Schizocardia belizensis.
Clethraceae. Sphagnum



Sch_poe5220066.JPG
Schizaea poeppigiana.
Schizaeaceae. Temash



Sch_poe5220068.JPG
Schizaea poeppigiana.
Schizaeaceae. Sarstoon



Sch_poe5220069.JPG
Schizaea poeppigiana.
Schizaeaceae. Sarstoon

J. C. Meerman, Picture Record Sarstoon Temash REA: Plants



P5210040.JPG
444,233



P5210041.JPG
439,739



P5210042.JPG
453,916



P5210043.JPG
382,715



P5210044.JPG
328,125



P5210048.JPG
409,897



P5210049.JPG
272,266



P5210052.JPG
392,803



P5210053.JPG
469,001



P5220076.JPG
344,518



P5220080.JPG
654,115



P5220081.JPG
652,359



P5220087.JPG
393,586



P5220100.JPG
Sphagnum swamp in
Sarstoon Temash NP



P5220101.JPG
Sphagnum swamp in
Sarstoon Temash NP



P5220102.JPG
435,139



P5220103.JPG
458,185



P5220104.JPG
492,710



P5220105.JPG
426,593



P5220106.JPG
404,488



P5220107.JPG
Sphagnum swamp in
Sarstoon Temash NP



P5220108.JPG
Sphagnum swamp in
Sarstoon Temash NP



P5220109.JPG
464,040



P5220112.JPG
462,874



P5220114.JPG
Sphagnum swamp in
Sarstoon Temash NP



P5280036.JPG
Unknown, tiny herb.
Base of limestone hill,



P5280040.JPG
Unknown Pouteria like
leaf. Bumpy bark. No sap



P5280042.JPG
"Kunche", Base of
limestone hill, Midway,



P5280087.JPG
Unknown shrub/tree on
karst hill. Midway, Toledo



P5280088.JPG
Unknown shrub/tree on
karst hill. Midway, Toledo



P8260030.JPG
Flowering tree on
Guatemalan side



P8260071.JPG
663,069

J. C. Meerman, Picture Record Sarstoon Temash REA: Plants



Mat_opo4240025.JPG
Matayba opositifolia.
Sapindaceae. Barranco,



May_sch5200027.JPG
Maytenus schippii?
Celastraceae?



Mon_arb4230024.JPG
Montrichardia
arborescens, araceae.



Mou_exi4240023.JPG
Mouriri exilis.
Melastomatacea.



Mou_myrr4240024.JPG
Mouriri myrtilloides.
Melastomatacea.



Myr_brys4250007.JPG
Myrmecophila brysiana?
Orchidaceae. Barranco,



Och_pyr5280056.JPG
Ochroma pyramidalis.
Bombacaceae.



Ocot_9100009.JPG
Ocotea? sp. Lauraceae.
Temash River, nr. Crique



Ocot_9100010.JPG
Ocotea? sp. Lauraceae.
Temash River, nr. Crique



Ocot_9100011.JPG
Ocotea? sp. Lauraceae.
Temash River, nr. Crique



Ode_alb4240026.JPG
Odontonema albiflorum.
Acanthaceae. Barranco.



Odont5290098.JPG
Odontadenia ?
Apocynaceae. Midway



Oxy_cub9100044.JPG
Oxycaryum (Scirpus)
cubense. Crique Sarco



Oxy_cub9100045.JPG
Oxycaryum (Scirpus)
cubense. Crique Sarco



P4250012.JPG
Syzygium malaccense.
Myrtaceae. Malay Apple.



P5030023.JPG
452,085



P5040048.JPG
Calyptrogyne
ghiesbreghtiana,



P5040049.JPG
1,050,663



P5040057.JPG
457,881



P5040059.JPG
To'loch, Watery sap.
Conejo Creek, Toledo



P5040060.JPG
To'loch, Watery sap.
Conejo Creek, Toledo



P5050077.JPG
409,158



P5050090.JPG
Rubiaceae. Sunday
Wood, Toledo



P5050100.JPG
717,302



P5200028.JPG
477,604



P5200029.JPG
448,164



P5200030.JPG
446,854



P5200031.JPG
438,560



P5200032.JPG
403,166



P5200033.JPG
400,593



P5210038.JPG
Podocarpus
guatemalensis.



P5210039.JPG
454,567

J. C. Meerman, Picture Record Sarstoon Temash REA: Plants



Lac_sta5210050.JPG
424,338



Lac_sta_tr.JPG
Lacmellea standleyi.
Apocynaceae. Conejo



Lae_5040058.JPG
553,822



Lap_aes4250014.JPG
Laportea aestuans,
Urticaceae. Barranco



Lap_aes4250015.JPG
Laportea aestuans,
Urticaceae. Barranco



Lap_aes4250016.JPG
Laportea aestuans,
Urticaceae. Barranco



Lea_5050091.JPG
Leandra sp.?,
Melastomataceae.



Lic_hyp4240019.JPG
Lycania hypoleuca.
Chrysobalanaceae.



Lin_riv9100028.JPG
Lindenia rivalis.
Rubiaceae. Temash nr



Lyc_cer4230025.JPG
550,289



Mac_tin4250019.JPG
Maclura tinctoria,
Moraceae. Barranco,



Mal_gua.JPG
Malouetia guatemalensis.
Apocynaceae. Barranco



Mal_gua4230028.JPG
Malouetia guatemalensis.
Apocynaceae. Barranco



Man_sac5200018.JPG
Manicaria saccifera.
Arecaceae. Temash



Man_sac5200019.JPG
Manicaria saccifera.
Arecaceae. Temash



Man_sac5200020.JPG
Manicaria saccifera.
Arecaceae. Temash



Man_sac5200021.JPG
Manicaria saccifera.
Arecaceae. Temash



Man_sac5200022.JPG
Manicaria saccifera.
Arecaceae. Temash



Man_sac5200023.JPG
Manicaria saccifera.
Arecaceae. Temash



Man_sac5200024.JPG
553,595



Man_sac5200025.JPG
Manicaria saccifera.
Arecaceae. Temash



Man_sac5200026.JPG
Manicaria saccifera.
Arecaceae. Temash



Man_sac5220117.JPG
Manicaria saccifera.
Arecaceae. Temash



Man_sac8260022.JPG
603,435



Man_sac8260023.JPG
601,572



Man_sac8260025.JPG
Manicaria saccifera.
Sarstoon River.



Man_sac8260058.JPG
Manicaria saccifera.
Sarstoon River.



Man_sac8260059.JPG
Manicaria saccifera.
Sarstoon River.



Man_sac8260062.JPG
Manicaria saccifera.
Sarstoon River.



Man_sac_frt.jpg
64,104



Man_sac_hab.jpg
Manicaria saccifera.
Sarstoon River.



Mar_nob5050093.JPG
Margaritaria nobilis,
Euphorbiaceae. Sunday

J. C. Meerman, Picture Record Sarstoon Temash REA: Plants



Guz_sch8260086.JPG
Guzmania scherzeriana.
Bromeliaceae. Sarstoon,



Gyn_sag9100029.JPG
Gynesium saggitatum.
Poaceae. Temash River



Ham_5050108.JPG
Hampea? Sunday Wood,
Toledo.



Ham_5050109.JPG
Hampea? Sunday Wood,
Toledo.



Ham_5050111.JPG
Hamelia sp. Rubiaceae.
Sunday Wood, Toledo



Ham_rov9100042.JPG
Hamelia rovirosae.
Rubiaceae. Crique Sarco



Hei_med5040061.JPG
Heisteria media,
Olacaceae. Conejo



Hei_med5050083.JPG
Heisteria media.
Olacaceae. Sunday



Hei_med5050084.JPG
Heisteria media.
Olacaceae. Sunday



Hir_ame4160006.JPG
Hirtella americana.
Chrysobalanaceae.



Hir_ame4160007.JPG
Hirtella americana.
Chrysobalanaceae.



Hir_ame4160008.JPG
Hirtella americana.
Chrysobalanaceae.



Hir_ame4240017.JPG
Hirtella americana.
Chrysobalanaceae.



Hym_cou5280033.JPG
Hymeneae coubaril.
Fabaceae:



Hyp_5290092.JPG
Hyperbaena ?
Menispermaceae ?.



Hyp_5290093.JPG
Hyperbaena ?
Menispermaceae ?.



lle_gui4240014.JPG
662,728



Ing_ver.JPG
Inga vera. Mimosoideae.
Temash near Crique



Ing_ver9100021.JPG
Inga vera. Mimosoideae.
Temash near Crique



Ing_ver9100022.JPG
Inga vera. Mimosoideae.
Temash near Crique



Ing_ver9100025.JPG
Inga vera. Mimosoideae.
Temash near Crique



Ing_ver9100027.JPG
Inga vera. Mimosoideae.
Temash near Crique



Ing_ver9100053.JPG
Inga vera. Mimosoideae.
Temash near Crique



Ing_ver9100055.JPG
Inga vera. Mimosoideae.
Temash near Crique



Ing_ver_fr.JPG
Inga vera. Mimosoideae.
Temash near Crique



lpo_alb4250005.JPG
Ipomoea alba.
Convolvulaceae.



lpo_alb4250006.JPG
Ipomoea alba.
Convolvulaceae.



Lac_agg4240027.JPG
Lacistema aggregatum.
Lacistemataceae.



Lac_agr5050081.JPG
Lacistema aggregatum,
Lacistemataceae.



Lac_sta.JPG
18,307



lac_sta5030003.JPG
Lacmellea standleyi.
Apocynaceae. Conejo



Lac_sta5030004.JPG
Lacmellea standleyi.
Apocynaceae. Conejo

J. C. Meerman, Picture Record Sarstoon Temash REA: Plants



Cyr_rac5220115.JPG
Cyrilla racemiflora.
Cyrillaceae. Sphagnum



Dal_ste5280018.JPG
Dalbergia stevensoni.
Papilionoideae. Midway,



Dal_ste5280019.JPG
Dalbergia stevensoni.
Papilionoideae. Midway,



Dav_5050096.JPG
Davilla sp. Dilleniaceae.
Sunday Wood, Toledo



Den_arb8260012.JPG
Dendropanax arboreus.
Araliaceae. Crique Sarco



Des_ort4230020.JPG
Desmonchus
orthocanthos,



Dic_don5280007.JPG
Dichapetalum
donnell-smithii var.



Dic_don5280008.JPG
Dichapetalum
donnell-smithii var.



Dic_don5280009.JPG
Dichapetalum
donnell-smithii var.



Dra_ame5050095.JPG
Dracaena americana
Dracaenaceae. Sunday



dumbcane4230006.JPG
Dumbcane, Wildcane,
Maburu = Tripsacum.



Ery_gua4240022.JPG
Erythroxylon
guatemalensis.



Eugen4240021.JPG
Eugenia, Myrtaceae.
Barranco, Toledo



Fern4230011.JPG
Fern, Barranco, Toledo
455,097



Flac_5280043.JPG
Flacourtiaceae??, Base
of limestone hill. Midway,



For_tri5280041.JPG
Forchhammeria trifoliata.
Capparidaceae. Midway,



Geo_5050086.JPG
Geonoma sp.
Arecaceae. Sunday



Geo_5050087.JPG
Geonoma sp.
Arecaceae. Sunday



Geo_dev9090026.JPG
Geonoma deversa.
Arecaceae. nr. Crique



Gon_qui5280062.JPG
Gongora quinquenervis.
Orchidaeeae. Midway,



Gon_qui5280063.JPG
Gongora quinquenervis.
Orchidaeeae. Midway,



Gon_qui5280064.JPG
Gongora quinquenervis.
Orchidaeeae. Midway,



Gri_cau.JPG
Grias cauliflora,
Lecythidaceae. Conejo



Gri_cau5040051.JPG
Grias cauliflora,
Lecythidaceae. Conejo



Gri_cau5040052.JPG
Grias cauliflora,
Lecythidaceae. Conejo



Gri_cau5040053.JPG
Grias cauliflora,
Lecythidaceae. Conejo



Grias_cauliflora.jpg
13,039



Gua_5050099.JPG
Guatteria sp.
Annonaceae. Sunday



Gua_lon9100039.JPG
Guadua longifolia.
Poaceae. Crique Sarco



Gua_lon9100040.JPG
Guadua longifolia.
Poaceae. Crique Sarco



Gua_lon9100050.JPG
Guadua longifolia.
Poaceae. Crique Sarco



Gua_lon9100051.JPG
Guadua longifolia.
Poaceae. Crique Sarco

J. C. Meerman, Picture Record Sarstoon Temash REA: Plants



Cis_par5290099.JPG
Cissampelos pareira.
Menispermaceae.



Clidemia4230016.JPG
Clidemia (sericea,
hirta?),



Clu_5030007.JPG
Clusia sp. Clusiaceae.
Conejo Creek, Toledo.



Clu_5190005.JPG
Clusia sp.?? Clusiaceae.
Sarstoon River. Toledo



Clu_5190006.JPG
Clusia sp.?? Clusiaceae.
Sarstoon River. Toledo



Coc_5280046.JPG
Coccoloba sp.
Polygonaceae. Midway,



Coc_5280047.JPG
Coccoloba sp.
Polygonaceae. Midway,



Coc_nuc8260061.JPG
Cocos nucifera along
Sarstoon River



Com_lax5050107.JPG
Combretum laxum?
Combretaceae?, Sunday



Com_spr5030006.JPG
Compsonera sprucei.
Myristicaceae. Conejo



Com_spr_5030005.JPG
Compsonera sprucei .
Myristicaceae. Conejo



Con_5050097.JPG
Conostegia sp.??
Melastomataceae.



Con_5050098.JPG
Conostegia sp.??
Melastomataceae.



Con_lam5220111.JPG
Connarus lamberti.
Connaraceae.



Cou_mac.JPG
Couma macrocarpa.
Apocynaceae. Temash,



Cou_mac5220075.JPG
391,112



Cou_mac5220082.JPG
Couma macrocarpa.
Apocynaceae. Temash,



Cou_mac5220083.JPG
Couma macrocarpa.
Apocynaceae. Temash,



Cou_mac_tr.JPG
20,750



Cou_oli9100075.JPG
Coussapoa oligocephala.
Cecropiaceae. Temash



Cou_oli9100076.JPG
Coussapoa oligocephala.
Cecropiaceae. Temash



Cou_oli9100077.JPG
Coussapoa oligocephala.
Cecropiaceae. Temash



Cou_oli9100078.JPG
Coussapoa oligocephala.
Cecropiaceae. Temash



Cou_oli9100079.JPG
Coussapoa oligocephala.
Cecropiaceae. Temash



Cra_tap5280038.JPG
Crateva tapia?,
Capparaceae?. Large



Cra_tap5280039.JPG
Crateva tapia?,
Capparaceae?. Large



Cra_tap5290101.JPG
Crateva tapia?,
Capparaceae?. Large



Cri_eru9100098.JPG
Crinum erubescens,
Amaryllidaceae. Temash



Crinum5040054.JPG
Crinum sp.
Amaryllidaceae. Conejo



Cupania4230013.JPG
Cupania?? Sapindaceae.
Barranco Toledo



Cyr_rac5220099.JPG
Cyrilla racemiflora.
Cyrillaceae. Sphagnum



Cyr_rac5220113.JPG
Cyrilla racemiflora.
Cyrillaceae. Sphagnum

J. C. Meerman, Picture Record Sarstoon Temash REA: Plants



Ant_sch4160012.JPG
Anthurium nr.
schlechtendalii. Crique



Anth4160011.JPG
Anthurium sp. Crique
Sarco, Toledo District,



Anth4160012.JPG
Anthurium sp. Crique
Sarco, Toledo District,



Anth4230015.JPG
Anthurium sp. Araceae.
Barranco Toledo district



Aroid5280020.JPG
388,847



Ast_mar9090025.JPG
Asterogyne martiana.
Areaceae. Nr Crique



Att_coh4230026.JPG
543,973



Bac_maj5040055.JPG
Bactris major.
Areaceae. Conejo



Bau_gui5050105.JPG
Bauhinia guianensis,
Caesalpinoideae.



Bau_gui5050106.JPG
Bauhinia guianensis,
Caesalpinoideae.



Bel_pen5290110.JPG
Bellucia pentamera.
Melastomatacae.



Bel_pen5290111.JPG
Bellucia pentamera.
Melastomatacae.



Bign5290112.JPG
Bignoniaceae vine.
Forest Home, Toledo



Bign5290113.JPG
Bignoniaceae vine.
Forest Home, Toledo



Bign5290114.JPG
Bignoniaceae vine.
Forest Home, Toledo



Bro_pin5030028.JPG
Bromelia pinguin.
Bromeliaceae. Conejo,



Bro_pin5030029.JPG
Bromelia pinguin.
Bromeliaceae. Conejo,



Cact4240028.JPG
Cactaceae:
Selenicereus? Barranco,



Cal_bra4230009.JPG
Callophylum brasiliense.
Clusiaceae. Barranco,



Calathea4230022.JPG
Calathea sp.
Maranthaceae.



Car_gui4230021.JPG
Carapa guianensis.
Meliaceae. Barranco,



Car_gui5200034.JPG
Carapa guianensis.
Meliaceae. Sarstoon,



Car_gui_fr.JPG
Carapa guianensis.
Meliaceae. Sarstoon,



Carapa%20guianensis.jp
10,414



Carapa_guianensis_ill.gif
9,332



Carapa_guianensis_ill.jpg
19,300



Carapa_guianensis_p1.gif
60,725



Cas_syl5050103.JPG
Casearia (sylvestris?)
Flacourtiaceae. Sunday



Cat_ege8260029.JPG
Catasetum
egertonianum.



Ced_odo9100067.JPG
Cedrela odorata,
Meliaceae. Temash River



Cel_5290091.JPG
Celtis sp. Ulmaceae.
Midway, Toledo



Cis_par5290090.JPG
Cissampelos pareira.
Menispermaceae.

J. C. Meerman, Picture Record Sarstoon Temash REA: Plants



Abu_pan.jpg
Abuta panamensis.
Menispermaceae.



Abu_pan5270004.JPG
Abuta panamensis.
Menispermaceae.



Abu_pan5270005.JPG
Abuta panamensis.
Menispermaceae.



Abu_pan5270006.JPG
Abuta panamensis.
Menispermaceae.



Acacia4240015.JPG
Acacia sp. Mimosoideae.
Barranco, Toledo



Acal4250017.JPG
Acalypha??
Euphorbiaceae?? Herb.



Acalypha4250017.JPG
Acalypha sp.
Euphorbiaceae.



Aec_bra9110042.JPG
Aechmea bracteata.
Bromeliaceae. Crique



Aec_mag5290105.JPG
Aechmea magdalanae
(André) André ex Baker.



Aec_til9100036.JPG
Aechmea tillandsioides.
Bromeliaceae. Temash at



Aec_til9100038.JPG
Aechmea tillandsioides.
Bromeliaceae. Temash at



Aec_till9100035.JPG
Aechmea tillandsioides.
Bromeliaceae. Temash at



Alc_lat5050082.JPG
Alchornea latifolia.
Euphorbiaceae. Sunday



Alc_lat5280014.JPG
Alchornea latifolia.
Euphorbiaceae. Midway.



Alc_lat5280015.JPG
Alchornea latifolia.
Euphorbiaceae. Midway.



Als_hon5050080.JPG
Alseis hondurensis?
Rubiaceae. Sunday



Ama_cor4240016.JPG
Amaioua corymbosa.
Rubiaceae. Barranco,



Amp_5030020.JPG
Amphitecna,
Bignoniaceae. Conejo



Amp_5030026.JPG
Amphitecna,
Bignoniaceae. Conejo



Amp_5030027.JPG
Amphitecna,
Bignoniaceae. Conejo



Amp_hot5050079.JPG
Ampelocera hottlei.
Ulmaceae. Sunday



Ana_com4230019.JPG
Ananas comosus.
Bromeliaceae. Barranco,



Ann_5050110.JPG
Annona sp.
Annonaceae. Sunday



Ano_gla5070019.JPG
Anona glabra.
Anonaceae. BFREE,



Ano_gla5070022.JPG
Anona glabra.
Anonaceae. BFREE,



Ant_bak4230015.JPG
Anthurium (bakeri?).
Araceae. Barranco



Ant_bak9090024.JPG
Anthurium bakeri.
Araceae. Crique Sarco



Ant_sca5030024.JPG
Anthurium (scandens?).
Araceae. Conejo, Toledo



ant_sca5030025.JPG
Anthurium (scandens?).
Araceae. Conejo, Toledo



Ant_sca8260092.JPG
Anthurium nr. scandens.
Crique Sarco, Toledo



Ant_sca8260094.JPG
Anthurium nr. scandens.
Crique Sarco, Toledo



Ant_Sch4160011.JPG
Anthurium nr.
schlechtendalii. Crique

J. C. Meerman, Picture Record Sarstoon Temash REA: People



a_Group4230005.jpg
801,667



a_howe.jpg
49,136



a_jan.jpg
46,889



a_peter.jpg
65,637



Ciq_sar9100054.JPG
Temash at Crique Sarco.
661,647



Criq_sar9100060.JPG
Temash at Crique Sarco.
Peter Herrera and
661,647



Criq_sar9100061.JPG
Temash at Crique Sarco.
Peter Herrera and
661,647



Criq_sar9100063.JPG
Temash at Crique Sarco.
631,534



Criq_sar9100070.JPG
Collecting of Bribri for
fishbait: Temash at
661,647



Egbert8260001.JPG
Egbert Vallencio in front
of "Red Fowl" tree along
661,647



FishID9110050.JPG
Fishidentification.
Marcos Coy, Juan Pop,
661,647



Fishroast9100004.JPG
Fishroast. Marcos Coy,
Peter Herrera. Crique
661,647



Fishroast9100005.JPG
Fishroast. Marcos Coy,
Peter Herrera. Crique
661,647



Fishroast9100006.JPG
Fishroast. Marcos Coy,
Peter Herrera. Crique
661,647



Group4230001.JPG
437,996



Group4230002.JPG
466,382



Group4230003.JPG
477,526



Group4230004.JPG
445,802



Group4230005.JPG
443,263



Logging9090001.JPG
Mahogany logging near
Crique Sarco. With Juan
661,647



Logging9090002.JPG
Mahogany logging near
Crique Sarco. With Juan
661,647



Marcus9090035.JPG
Marcus Coy with Randia
genipifolia, Rubiaceae.
661,647



Meet8270035.JPG
601,474



Meet8270036.JPG
608,599



Meet8270037.JPG
627,479



Meet8270038.JPG
596,792



Meet8270039.JPG
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Meet8270040.JPG
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Meet8270041.JPG
626,932



P4240010.JPG
1,064,155



P4240011.JPG
Mateo Keh jr. Crique
Sarco



P5030001.JPG
"Branch" at Conejo
Creek, Toledo

J. C. Meerman, Picture Record Sarstoon Temash REA: People



P5030002.JPG
"Branch" at Conejo
Creek, Toledo



P5040041.JPG
697,722



P5040042.JPG
717,823



P5040047.JPG
Bucida buceras,
Combretaceae. Conejo



P5050076.JPG
893,355



P5050085.JPG
968,930



P5200007.JPG
408,590



P5200010.JPG
406,260



P5200011.JPG
409,114



P5200012.JPG
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P5200013.JPG
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P5200014.JPG
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P5200015.JPG
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P5200016.JPG
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P5200017.JPG
607,660



P5220063.JPG
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P5220064.JPG
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P5220065.JPG
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P5220072.JPG
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P5220073.JPG
421,485



P5220074.JPG
422,592



Peter_howe9090031.JPG
Peter Herrera, Augustin



Peter_Howe9090032.JPG
Peter Herrera, Augustin



Raymond8260063.JPG
Raymon Ramirez in
swampforest along



Transect5270003.JPG
Vegetation transect,
Midway, Toledo