

ANNEX 2 – Biodiversity Survey Data for the Aurora Mines Area,
2006-2007 and 2009.

Table 1. Flora reported by biodiversity surveys of the Aurora Mine Area, 2006-2007 and 2009

FAMILY	SCIENTIFIC NAME	COMMON NAME	IUCN CATEGORY ¹	ENDEMICITY	FIRST WET SEASON		SECOND WET SEASON		FIRST DRY SEASON		SECOND DRY SEASON		2009		
					MC ²	GM	MC	GM	MC	GM	MC	GM	MC	GM	JR
ANACARDIACEAE															
	<i>Anacardium giganteum</i>	Habudiballi									X			X	
	<i>Tapirira abusa</i>	Duka							X						
	<i>Tapirira marchandii</i>	Duka			X		X		X		X				X
	<i>Tapirira obtusa</i>	Duka						X			X		X		
	<i>Thyrosodium guianese</i>	Sand Mora						X							
ANNONACEAE															
	<i>Anaxagorea acuminata</i>	Kurihikoyoko							X	X	X				
	<i>Anaxagorea dolichocarpa</i>	Kurihikoyoko			X		X								
	<i>Annona symphyocarpa</i>	Duru							X		X				X
	<i>Duguetia calycina</i>	Yari Yari							X	X	X				X
	<i>Duguetia decurrens</i>	Yari Yari		CE	X		X								
	<i>Duguetia guianensis</i>	Yari Yari							X	X	X	X			X
	<i>Duguetia neglecta</i>	Yari Yari						X					X		X
	<i>Duguetia pycnastera</i>	W. Yari Yari						X	X	X	X				
	<i>Guatteria atra</i>	B. Yari Yari		CE	X		X								
	<i>Guatteria flexilis</i>	Arara							X						
	<i>Guatteria foliosa</i>	Black Yari Yari											X		X
	<i>Guatteria procera</i>	Arara			X		X								
	<i>Guatteria schomburgkiana</i>	Arara							X						
	<i>Rollinia exsucca</i>	Koyechi			X		X				X				
	<i>Unonopsis glaucopetala</i>	Arara, B. Yari Yari						X	X	X	X	X			
	<i>Xylopia pulcherrima</i>	Kuyama			X		X								
APOCYNACEAE															
	<i>Allamanda cathartica</i>	Dog Seed			X		X								
	<i>Aspidosperma album</i>	Yaruru							X						
	<i>Aspidosperma cruentum</i>	Shibadan						X	X						
	<i>Aspidosperma desmonthui</i>	Shibadan									X				
	<i>Aspidosperma excelsum</i>	Yarola			X		X	X	X		X				
	<i>Aspidosperma luadum</i>	Yaruru							X						

FAMILY	SCIENTIFIC NAME	COMMON NAME	IUCN CATEGORY ¹	ENDEMICITY	FIRST WET SEASON		SECOND WET SEASON		FIRST DRY SEASON		SECOND DRY SEASON		2009		
					MC ²	GM	MC	GM	MC	GM	MC	GM	MC	GM	JR
	<i>Aspidosperma marcgravianum</i>	Yarola							X		X				
	<i>Aspidosperma vargasii</i>	Shibadan			X		X				X				
	<i>Macoubia guianensis</i>	Dukali									X				
	<i>Parahancornia fasciculata</i>	Dukali						X	X						
	<i>Sapium paucinervium</i>	Gum Tree			X		X								
	<i>Tabernaemontana undulata</i>	Dog Seed			X		X		X	X	X	X			
ARACEAE															
	<i>Heteropsis flexuosa</i>	Nibi			X		X	X	X	X					
	<i>Heteropsis jenmanii</i>	Nibi							X		X	X			
	<i>Monstera adansonii</i>	Hanaquablar							X				X		X
	<i>Philodendron sp.</i>	Hanakwablar			X		X								
	<i>Philodendron fragrantissimum</i>	Aeriods											X		
	<i>Philodendron grandiflora</i>	Hanakwablar						X							
ARALIACEAE															
	<i>Schefflera decaphylla</i>	Match Wood			X		X		X						
	<i>Schefflera morototoni</i>	Karahora						X	X		X				
ARISTOLOCHIACEAE															
	<i>Aristolochia daemonioxia</i>	Boyari		CE				X							
BIGNONIACEAE															
	<i>Jacaranda copaia</i>	Kopaia, Simaroupa			X		X	X	X	X	X			X	X
	<i>Jacaranda obtusifolia</i>	Sand Trysil			X		X								
	<i>Schlegelia vincincia</i>	Bultatakobia							X						
	<i>Schlegelia violacea</i>	Butata Kubla			X		X	X							
	<i>Tabebuia sp.</i>	Wachiba			X		X								
	<i>Tabebuia insignis</i>	White Cedar			X		X								
	<i>Tabebuia stenocalyx</i>	White Cedar									X	X			
BOMBACACEAE															
	<i>Catostemma commune</i>	Baromalli			X		X	X	X	X	X	X	X		X
	<i>Ceiba pentandra</i>	Kumae			X		X		X						
	<i>Pachira flaviflora</i>	Baromalli			X		X	X							
BORAGINACEAE															
	<i>Cordia bicolor</i>	Table Tree			X		X		X						
	<i>Cordia nodosa</i>	Ants Tree			X		X		X	X	X		X		
	<i>Cordia sericicalyx</i>	Clammy Cherry			X		X		X						

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					MC ²	GM	MC	GM	MC	GM	MC	GM	MC	GM	JR
BROMELIACEAE															
	<i>Aechmea nudicaulis</i>	Bromeliad											X		
BURSERACEAE															
	<i>Protium altsonii</i>	Haiawa									X				
	<i>Protium crenatum</i>	Kurokai							X		X				
	<i>Protium decandrum</i>	Kurokai			X		X	X	X		X			X	
	<i>Protium guianensis</i>	Hawaia								X					X
	<i>Protium heptaphyllum</i>	Haiawa			X		X		X						
	<i>Protium suberratum</i>	Haiawa			X		X								
	<i>Protium tenuifolium</i>	Haiawaballi									X				
	<i>Protium unifolium</i>	Kurokai						X			X				
	<i>Tetragastris altissima</i>	Haiawaballi			X		X	X	X		X				
	<i>Trattinnickia demerarae</i>	Ulu							X						
	<i>Trattinnickia rhoifolia</i>	Ulu			X		X	X	X						
CAESALPINIODEAE															
	<i>Bauhinia alata</i>	Monkey Ladder								X					
	<i>Bauhinia guianensis</i>	Monkey Ladder						X	X	X	X				X
	<i>Bauhinia kunthiana</i>	Turtle Steps/Ladder			X		X		X	X	X				
	<i>Bauhinia surinamensis</i>	Monkey Ladder							X						
	<i>Brownea coccinea</i> subsp. <i>capitella</i>	Rose of the Mountain							X	X	X			X	X
	<i>Cassa cowanii</i>	Warua									X	X			
	<i>Eperua falcata</i>	Soft Walaba			X		X	X	X	X	X		X		X
	<i>Eperua grandiflora</i>	Ituri Walaba							X		X				
	<i>Eperua jenmanii</i>	Ituri Wallaba			X		X	X							
	<i>Hymenaea courbaril</i>	Locust						X	X		X				
	<i>Mora excelsa</i>	Mora			X		X	X	X	X	X	X	X	X	X
	<i>Mora gongrijpii</i>	Morabukea			X		X	X	X		X	X			
	<i>Peltogyne venosa</i>	Purpleheart						X			X				
	<i>Peltogyne venosa</i> subsp. <i>densiflora</i>	Purpleheart													X
	<i>Tachigali guianensis</i>	Kaditeri						X	X	X	X				
	<i>Tachigali micropetala</i>	Kaditeri									X				
	Unknown				X		X								
CELASTRACEAE															
	<i>Goupia glabra</i>	Kabakalli			X		X	X	X		X				
CHRYSOBALANACEAE															

[illegible]

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					MC ²	GM	MC	GM	MC	GM	MC	GM	MC	GM	JR
	<i>Diospyros cayennensis</i>	Barabara						X			X				
	<i>Diospyros guianensis</i>	Barabara			X		X								
ELAEocarpaceae															
	<i>Sloanea guianensis</i>	Aruadan, Parakusan							X		X				
	<i>Sloanea schomburgkiana</i>	Ubudiballi									X				
EUPHORBIACEAE															
	<i>Chaetocarpus schomburgkianus</i>	Ulu						X							
	<i>Chaetocarpus stipularis</i>	Ruri			X		X		X						
	<i>Drypetes variabilis</i>	Shibadan									X				
	<i>Glycydendron amazonicum</i>	Devil Doer							X						
	<i>Hieronyma alchorneoides</i>	Surudani			X		X	X	X		X				
	<i>Mabea piriri</i>	Baribada			X		X		X		X				
	<i>Pera bicolor</i>	Hachiballi						X							
FABACEAE															
	<i>Alexa imperatricis</i>	Haiariballi			X		X	X	X	X	X	X			
	<i>Clathrotropis brachypetala</i>	Aromata						X	X		X				X
	<i>Clathrotropis macrocarpa</i>	Aromata			X		X		X	X	X	X	X	X	X
	<i>Derris pterocarpus</i>	Red Belly Liana			X		X								
	<i>Hymenolobium flavum</i>	Darina									X				
	<i>Machaerium lunatum</i>	Bunduri Pimpla			X		X								
	<i>Ormosia coarctata</i>	Barakaro						X							
	<i>Ormosia coutinhoi</i>	Karokororo						X							
	<i>Pterocarpus officinalis</i>	Corkwood			X		X	X	X	X	X				X
	<i>Pterocarpus rohrii</i>	H. Corkwood							X						
	<i>Pterocarpus santalinoides</i>	Corkwood									X	X			X
	<i>Swartzia jenmanii</i>	Parakusan			X		X	X	X		X	X			
	<i>Swartzia leiocalycina</i>	Wamara, Manni		CE	X		X	X	X	X	X				X
	<i>Swartzia kunithiana</i>	Parakusan							X						
	<i>Swartzia schomburgkii</i>	Parakusan											X		X
	Unknown				X		X								

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					MC ²	GM	MC	GM	MC	GM	MC	GM	MC	GM	JR
FLACOURTIACEAE															
	<i>Casearia mollis</i>	Shibidan			X		X								
	<i>Laetia procera</i>	Warakairo						X	X		X				
GUTTIFERAE															
	<i>Clusia amazonica</i>	Kufa							X				X		
	<i>Clusia fockeana</i>	Kufa			X		X								
	<i>Clusia grandiflora</i>	Kufa						X	X	X	X				
	<i>Clusia myriandra</i>	Kufa							X						
	<i>Clusia palmicida</i>	Kufa							X	X	X				
	<i>Moronobea coccinea</i>	Manballi						X							
	<i>Rheedia benthamiana</i>	Asashi						X							
	<i>Rheedia madruno</i>	Asashi							X						
	<i>Symphonia globulifera</i>	Manni			X		X	X							
	<i>Tovomita</i> sp.	Wild Mango		CE?	X		X								
	<i>Tovomita albiflora</i>	W. Mangrove		CE					X		X				
	<i>Tovomita brevistaminea</i>	Awasakuli						X	X						
	<i>Tovomita calodictyos</i>	W. Mangrove									X				
	<i>Tovomita grata</i>	Awasakuli							X						
	<i>Tovomita obovata</i>	Wild Mango		CE	X		X								
	<i>Tovomita obscura</i>	Awasokuli		CE					X		X				
	<i>Tovomita umbellata</i>	Awasakuli						X	X	X					
	<i>Vismia cayennensis</i>	Blood Wood			X		X				X	X			
	<i>Vismia guianensis</i>	Blood Wood							X	X					
	<i>Vismia macrophylla</i>	Blood Wood						X							
HUMIRIACEAE															
	<i>Sacoglottis guianensis</i>	Dukuria						X							
LAURACEAE															
	<i>Aniba</i> sp.	Silverballi		CE?				X							
	<i>Aniba hypoglauca</i>	Gale Silverballi			X		X	X							
	<i>Aniba jenmanii</i>	Kereti			X		X								
	<i>Ocotea cernua</i>	Keriti									X				
	<i>Ocotea floribunda</i>	Keriti							X		X				
	<i>Ocotea oblonga</i>	Kereti						X	X						
	<i>Ocotea splendens</i>	Buck Vomit						X							
	<i>Ocotea tormentalla</i>	Baradan						X	X		X				
LECYTHIDACEAE															
	<i>Couratari calycina</i>	Wadara							X						
	<i>Couratari gloriosa</i>	Wadara							X	X					
	<i>Couratari guianensis</i>	Wadata			X		X	X			X				

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					MC ²	GM	MC	GM	MC	GM	MC	GM	MC	GM	JR
	<i>Eschweilera alata</i>	Kakarmi			X		X	X	X	X	X				
	<i>Eschweilera coriacea</i>	B. Kakaralli							X	X	X				X
	<i>Eschweilera corrugata</i>	Wino Kakaralli									X				
	<i>Eschweilera decolorans</i>	Sm. Leaf Kakaralli						X			X				
	<i>Eschweilera parviflora</i>	Fine Leaf Kakaralli									X				
	<i>Eschweilera sagotiana</i>	B. Kakaralli			X		X		X	X	X	X			
	<i>Eschweilera subglandulosa</i>	Black Kakaralli											X		X
	<i>Eschweilera wachenheimii</i>	Kakaralli (Fine L)			X		X						X		X
	<i>Lecythis corrugata</i>	W. Kakaralli						X							
	<i>Lecythis zabuajo</i>	Monkey Pot			X		X	X	X		X				
LOGANIACEAE															
	<i>Strychnos guianensis</i>	Devil Doer			X		X	X	X						
MALPIGHIACEAE															
	<i>Byrsonima</i> sp.	Hittia			X		X								
	<i>Byrsonima aerugo</i>	Arikadako			X		X	X							
	<i>Byrsonima spicata</i>	Hichia							X						
MARANTACEAE															
	<i>Ischnosiphon</i> sp.	Mukru			X		X								
	<i>Ischnosiphon arouma</i>	Mukru							X	X	X	X			X
	<i>Ischnosiphon gracilis</i>	Warakabakoromukru			X		X				X	X			
	<i>Ischnosiphon obliquus</i>	Itiriti			X		X								
	<i>Ischnosiphon variabilis</i>	Mukru							X	X					
MARCGRAVIACEAE															
	<i>Norantea guianensis</i>	Kara kara									X				
	<i>Sourouba guianensis</i>	Kamkara			X		X				X				
MELASTOMATACEAE															
	<i>Loreya mespiloides</i>	Giggernet						X							
	<i>Meriana urceolata</i>	Waraia			X		X			X	X				
	<i>Miconia hypoleuca</i>	Wakaradan			X		X								
	<i>Miconia mirabilis</i>	Mukru			X		X		X		X	X			
	<i>Miconia pubicalyx</i>	Bird Seed						X							
	<i>Mouriri sagotiana</i>	Manuriballi			X		X								
MELIACEAE															
	<i>Carapa guianensis</i>	Crabwood						X	X	X	X				X

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					MC ²	GM	MC	GM	MC	GM	MC	GM	MC	GM	JR
	<i>Trichilia</i> sp.	Yuriballi			X		X								
	<i>Trichilia rubra</i>	Uriballi									X				
MENISPERMACEAE															
	<i>Curarea candicans</i>	Granny Backbone			X		X	X			X				
MIMOSOIDEAE															
	<i>Aberema junpunba</i>	Huruasa							X						
	<i>Inga</i> sp.	Whitey													X
	<i>Inga alba</i>	Warakosa			X		X	X	X	X					
	<i>Inga capitata</i>	Warakosa							X		X	X	X	X	
	<i>Inga edulis</i>	Warakosa			X		X		X	X					
	<i>Inga lateriflora</i>	Warakosa						X							
	<i>Inga melinonis</i>	Warakosa							X		X			X	X
	<i>Inga pezizifera</i>	Warakosa						X	X	X	X			X	X
	<i>Inga rubiginosa</i>	Warakosa			X		X		X						
	<i>Pentaclethra macroloba</i>	Trysil			X		X	X		X	X		X	X	X
	<i>Pithecellobium</i> sp.	Hurasa						X							
	<i>Zygia racemosa</i>	Snake Wood									X				
MORACEAE															
	<i>Bagassa guianensis</i>	Cow Wood						X	X						
	<i>Brosium guianensis</i>	Tibikushi			X		X				X				
	<i>Cecropia angulata</i>	Conga Pump			X		X								
	<i>Cecropia peltata</i>	Conga Pump						X	X	X	X			X	X
	<i>Cecropia sciadophylla</i>	Conga Pump							X	X	X		X	X	
	<i>Cecropia surinamensis</i>	Conga Pump									X	X		X	
	<i>Pourouma guianensis</i>	Guianensis, Buruma									X	X			
MONIMIACEAE															
	<i>Siparuna guianensis</i>	Ant Bush			X		X								
MYRISTICACEAE															
	<i>Iryanthera lancifolia</i>	Kirikaua						X	X	X					
	<i>Iryanthera sagotaiana</i>	Kirikaua									X				
	<i>Virola elongata</i>	Dalli						X			X				
	<i>Virola guianensis</i>	Hillballi									X				
	<i>Virola michelii</i>	Hillballi							X		X				
	<i>Virola surinamensis</i>	Swamo dalli	EN						X						
MYRTACEAE															
	<i>Marlierea montana</i>	Quackoo			X		X		X	X	X				
	<i>Myrcia rufipila</i>	Wild Guava									X				

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					MC ²	GM	MC	GM	MC	GM	MC	GM	MC	GM	JR
	<i>Mycaria ibibianaro</i>	Wild Guava			X		X								
OLACACEAE															
	<i>Dulacia guianensis</i>	Kulishiri									X				
	<i>Minuartia guianensis</i>	Wanania									X				
ORCHIDACEAE															
	<i>Vanilla</i> sp.	Orchid			X		X								
PALMAE															
	<i>Attalea maripa</i>	Kokeritre			X		X	X			X				
	<i>Bactris acaulis</i>	Pimpla							X						
	<i>Bactris acanthocarpa</i> var. <i>acanthocarpa</i>	Pimpla Palm, Yuruwe			X		X		X		X				
	<i>Bactris brongniartii</i>	Pimpla Banga							X	X	X	X			
	<i>Bactris oligoclada</i>	Bactris Palm											X		X
	<i>Bactris varbilis</i>	Turu							X						
	<i>Desmoncus guianensis</i>	Hold me Back			X		X								
	<i>Desmoncus orthacanthos</i>	Kamwari			X		X		X	X	X		X		
	<i>Desmoncus polyacanthos</i>	Hold me Back							X		X			X	X
	<i>Euterpe oleracea</i>	Manicole			X		X		X	X	X		X		
	<i>Euterpe precatoria</i>	Manicole						X	X						
	<i>Geonoma macrostachys</i> var. <i>acaulis</i>	Dalibana			X		X		X		X				
	<i>Geonoma baculifera</i>	Dalibana			X		X		X	X	X	X			
	<i>Oenocarpus bataua</i>	Turu			X		X	X	X		X		X		X
	<i>Maximiliana maxima</i>	Kokorit							X						
	<i>Oenocarpus bacaba</i>	Lu			X		X								
PIPERACEAE															
	<i>Piper hispidum</i>														X
POACEAE															
	<i>Olyra longifolia</i>	S. Bamboo							X						
PROTEACEAE															
	<i>Panopsis sessilifolia</i>	Wild Calabash, Idaballi			X		X				X				
QUIINACEAE															
	<i>Coupia guianensis</i>	Aruadan			X		X								
	<i>Quiina guianensis</i>	Okokonshi			X		X	X	X		X				
	<i>Quiina obovata</i>	Okokonshi									X				
	<i>Touroulia guianensis</i>	Fern			X		X								

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					MC ²	GM	MC	GM	MC	GM	MC	GM	MC	GM	JR
RUBIACEAE															
	<i>Amaioua guianensis</i>	Kamaramara						X							
	<i>Duroia eriopila</i>	Kumaramara							X						
	<i>Psychotria cupularis</i>														X
	<i>Psychotria lupulina</i>														X
	<i>Psychotria poeppigiana</i>	Soldier's Cap			X		X								
	<i>Sipanea</i> sp.														X
RUTACEAE															
	<i>Zanthoxylum apiculatum</i>	Sada									X				
SAPINDACEAE															
	<i>Matayba aborensdens</i>	Kulishiri							X						
	<i>Matayba camptoneura</i>	Kulishiri							X						
	<i>Matayba opaca</i>	Kulishiri			X		X	X							
	<i>Talisia squarrosa</i>	Moroballi			X		X	X	X						
SAPOTACEAE															
	<i>Chrysophyllum pomiferum</i>	Asepoko			X		X	X	X						
	<i>Chrysophyllum sanguinolentum</i>	Barataballi						X							
	<i>Cuspidata</i> subsp. <i>dura</i>	Kokoritaballi			X		X				X				
	<i>Micropholis venolosa</i>	Kudibushi									X				
	<i>Pouteria cladantha</i>	Aimorakushi							X						
	<i>Pouteria coriacea</i>	Animora kushi						X							
	<i>Pouteria cuspidata</i>	Kokoritaballi			X		X	X	X		X				
	<i>Pouteria durlandi</i>	Asepoko		CE					X						
	<i>Pouteria elegans</i>	Kokoritaballi			X		X								
	<i>Pouteria filipes</i>	Kamahora							X						
	<i>Pouteria guianensis</i>	Asepoko			X		X	X	X	X	X	X			X
	<i>Pouteria coriacea</i>	Moraballi			X		X				X				
	<i>Pouteria reticulata</i>	Kokoritaballi							X						
	<i>Pouteria venosa</i>	Kamakoro									X				
SIMAROUBACEAE															
	<i>Quassia amara</i>	Quashi bitters							X	X	X				
	<i>Simarouba amara</i>	Simarupa						X			X				X
SMILACACEAE															
	<i>Smilax schomburgkiana</i>	Dorokwaro Pimpla			X		X								

FAMILY	SCIENTIFIC NAME	COMMON NAME	IUCN CATEGORY¹	ENDEMICITY	FIRST WET SEASON		SECOND WET SEASON		FIRST DRY SEASON		SECOND DRY SEASON		2009		
					MC²	GM	MC	GM	MC	GM	MC	GM	MC	GM	JR
SOLANACEAE															
	<i>Solanum crinitum</i>	Barabara									X	X			
STERCULIACEAE															
	<i>Sterculia guianensis</i>	Maho		CE							X		X		X
	<i>Sterculia prurians</i>	Maho									X				
	<i>Sterculia rugosa</i>	Maho			X		X	X	X	X	X	X			
TILIACEAE															
	<i>Apeiba petoumo</i>	Duru			X		X	X			X				
	<i>Lueheopsis rugosa</i>	Koychiballi						X							
ULMACEAE															
	<i>Ampelocera edentula</i>	Adabadan							X						
	<i>Trema guianensis</i>	Kwabuyakoro			X		X								
VERBENACEAE															
	<i>Vitex compressa</i>	Hakiaballi, W. Cakabash							X	X					
	<i>Vitex stahelli</i>	W. Cakabash							X						
VIOLACEAE															
	<i>Paypayrola longifolia</i>	Adabero			X		X	X	X	X	X				
VOCHYSIACEAE															
	<i>Vochysia surinamensis</i>	Iteballi							X						
	<i>Vochysia tetraphylla</i>	Itae balli									X				
ZINGIBERACEAE															
	<i>Renealmia floribunda</i>	Kuruati			X		X				X				

1. All plant species reported are "Not Evaluated", except for *Virola surinamensis*, which is "EN" or endangered.
2. MC=Mining Concession; GM=Golden Mile; JR=Julian Ross Itabu.

FLORA TOTALS

FAMILIES	SPECIES	IUCN THREATENED ¹	COUNTRY ENDEMICS	FIRST WET SEASON		SECOND WET SEASON		FIRST DRY SEASON		SECOND DRY SEASON		2009		
				MC ²	GM	MC	GM	MC	GM	MC	GM	MC	GM	JR
64	304	1	10	130	0	129	99	150	52	196	30	28	15	44

1. Includes species listed as VU, EN, or CR.
2. MC=Mining Concession; GM=Golden Mile; JR=Julian Ross Itabu.

Table 2. Invertebrates reported by biodiversity surveys of the Aurora Mine Area, 2006-2007

CLASS	ORDER	COMMON NAME	FIRST WET SEASON		SECOND WET SEASON		FIRST DRY SEASON		SECOND DRY SEASON	
			MC	GM	MC	GM	MC	GM	MC	GM
ANNELIDA										
	Haplotaxida	Earthworms	X		X	X	X		X	X
ARACHNIDA										
	Aranae	Spiders	X		X	X	X	X		X
	Scorpiones	Scorpions	X		X	X	X	X	X	
CHILOPODA										
		Centipedes	X		X	X	X	X	X	
DIPLOPODA										
		Milipedes	X		X	X	X	X	X	X
ENTOGNATHA										
	Diplura	Diplurans	X		X	X	X			
GASTROPODA										
	Mollusca	Snails				X	X		X	
INSECTA										
	Blattodea	Cockroaches	X		X	X	X	X	X	X
	Coleoptera	Beetles	X		X	X	X		X	X
	Dermaptera	Silver Fish				X				
	Diptera	Flies				X	X	X	X	X
	Diptera	Mosquitoes				X	X	X	X	X
	Hemiptera	True bugs	X		X	X	X		X	X
	Hymenoptera	Ants				X	X		X	X
	Hymenoptera	Wasps				X	X		X	X
	Hymenoptera	Bees	X		X	X	X	X	X	X
	Isoptera	Termites				X	X	X	X	X
	Lepidoptera	Butterflies	X		X	X	X	X	X	X
	Lepidoptera	Moths	X		X	X	X	X	X	X
	Mantodea	Praying Mantis				X	X		X	X
	Odonata	Dragonflies	X		X	X	X	X	X	X
	Odonata	Damselflies					X	X		
	Orthoptera	Crickets	X		X	X	X			
	Phasmatoptera	Walking Sticks	X							
MALACOSTRACA										
		Grasshoppers	X		X	X	X	X	X	X
	Decapoda	Land Crabs	X		X	X	X			

INVERTEBRATE TOTALS

CLASSES	ORDERS	FIRST WET SEASON		SECOND WET SEASON		FIRST DRY SEASON		SECOND DRY SEASON	
		MC	GM	MC	GM	MC	GM	MC	GM
8	23	17	0	16	24	24	14	19	17

Table 3. Fish reported by biodiversity surveys of the Aurora Mine Area, 2006-2007 and 2009

[illegible]

	<i>Crenicichla alta</i>											X
	<i>Crenicichla lugubris</i>										X	
CTENOLUCIIDAE												
	<i>Boulengerella lucius*</i>										X	
CYNODONTIDAE												
	<i>Cynodon gibbus</i>	Small biara	X	X								
	<i>Hydrolycus cf. armatus</i>	Biara									X	X
DORADIDAE												
	<i>Hassar sp.</i>										X	
	<i>Platydoras sp.</i>		X	X								
	<i>Platydoras costatus*</i>	Armoured catfish										X
	<i>Platydoras hancockii</i>										X	
ENGRAULIDAE												
	<i>Lycengraulis batesii</i>		X									
ERYTHRINIDAE												
	<i>Hoplerythrinus unitaeniatus</i>	Yarrow									X	X
	<i>Hoplias macrophthalmus</i>	Haimara									X	
	<i>Hoplias malabaricus</i>	Huri, Haimara	X				X		X		X	X
GYMNOTIDAE												
	<i>Electrophorus electricus</i>	Electric Eel										
HEMIODONTIDAE												
	<i>Hemiodus quandrimaculatus</i>		X									
	<i>Hemiodus sp.</i>											
HEPTAPTERIDAE												
	<i>Rhamdia foia</i>	Kassie										X
	<i>Rhamdia quelen</i>										X	
LORICARIIDAE												
	<i>Hypancistrus sp.</i>										X	
	<i>Hypostomus sp.</i>	Smoke Hassar					X	X				X
	<i>Rineloricaria sp.</i>	Whiptail catfish									X	
PIMELODIDAE												
	<i>Phractocephalus hemiliopterus</i>	Banana fish										X
	<i>Pimelodus sp.</i>	Catfish					X		X	X		X
	<i>Pimelodus ornatus</i>										X	
	<i>Pseudoplatystomus sp.</i>	Tigerfish									X	
	<i>Sorubim elongatus</i>	Cullet Paddle										
RHAMPHICHTHIDAE												
	<i>Gymnorhamphichthys sp.</i>	Knife Fish	X	X								
STERNOPYGIDAE												
	<i>Sternopygus macrurus</i>	Knife Fish									X	
TETRAODONTIDAE												
	<i>Colomesus psittacus*</i>	Puff Fish					X				X	

*Not included for Guyana by Vari et al. (2009)

FISH TOTALS

FAMILIES	SPECIES	FIRST WET SEASON		SECOND WET SEASON		FIRST DRY SEASON		SECOND DRY SEASON		2009	
		MC	GM	MC	GM	MC	GM	MC	GM	MC	JR
20	59	17	9	0	0	9	3	4	1	26	16

1.MC=Mining Concession; GM=Golden Mile; JR=Julian Ross Itabu.

Notes: None of the fish species listed have been assessed by the IUCN.

Table 4. *Amphibians reported by biodiversity surveys of the Aurora Mine Area, 2006-2007 and 2009*

[illegible]

	<i>Scinax ruber</i>	Red Snouted Treefrog	LC	X	X	X		X					X	
LEPTODACTYLIDAE														
	<i>Leptodactylus</i> sp.			X		X						X		
	<i>Leptodactylus knudensi</i>	Knudsen's Thin-toed Frog	LC									X		X
	<i>Leptodactylus lineatus</i>	Gold-striped Frog	LC	X		X							X	X
	<i>Leptodactylus</i> cf. <i>lutzi</i>		DD									X		
	<i>Leptodactylus mystaceus</i>	Amazon Basin White-lipped Frog	LC									X	X	X
PIPIDAE														
	<i>Pipa</i> sp.	Suriname Toad		X		X								
	<i>Pipa pipa</i>	Suriname Toad	LC									X		
RANIDAE														
	<i>Lithobates palmipes</i>	Amazon River Frog	LC	X		X						X		X

1. DD=Data Deficient; LC=Least Concern.
2. MC=Mining Concession; GM=Golden Mile; JR=Julian Ross Itabu.

TOTALS

FAMILIES	SPECIES	IUCN THREATENED ¹	FIRST WET SEASON		SECOND WET SEASON		FIRST DRY SEASON		SECOND DRY SEASON		2009		
			MC ²	GM	MC	GM	MC	GM	MC	GM	MC	GM	JR
8	31	0	11	4	11	4	5	1	3	2	16	11	16

1. Includes species listed as VU, EN, or CR.
2. MC=Mining Concession; GM=Golden Mile; JR=Julian Ross Itabu.

Table 5. *Non-Avian reptiles reported by biodiversity surveys of the Aurora Mine Area, 2006-2007 and 2009*

FAMILY	SCIENTIFIC NAME	COMMON NAME	IUCN CATEGORY	ENDEMICITY	FIRST WET SEASON		SECOND WET SEASON		FIRST DRY SEASON		SECOND DRY SEASON		2009		
					MC	GM	MC	GM	MC	GM	MC	GM	MC	GM	JR
ALLIGATORIDAE															
	<i>Caiman</i> sp.	Alligator							X		X	X			
	<i>Caiman crocodilus</i>	Spectacled Caiman, Alligator	LC		X	X	X							X	X
	<i>Melanosuchus niger</i>	Black Caiman	LR/cd		X		X								
	<i>Paleosuchus palpebrosus</i>	Cuvier's Dwarf Caiman	LC		X		X						X	X	
AMPHISBAENIDAE															
	<i>Amphisbaena</i> sp.	Worm Lizard			X		X	X			X				
ANILIIDAE															
	<i>Anilius scytale</i>	False Coral Snake, Red Pipe Snake	NE		X		X	X						X	
BOIIDAE															
	<i>Boa constrictor</i>	Land Boa	NE		X		X							X	
	<i>Corallus caninus</i>	Emerald Tree Boa	NE		X		X							X	
	<i>Corallus hortulanus</i>	Amazon Tree Boa	NE		X		X								
	<i>Epicrates cenchria</i>	Rainbow Boa	NE		X		X								
	<i>Eunectes murinus</i>	Anaconda, Water Boa, Camoodie	NE		X		X				X			X	
CHELIDAE															
	<i>Phrynops</i> sp.												X		
COLUBRIDAE															
	<i>Chironius</i> sp.				X		X								
	<i>Dipsas</i> sp.				X		X	X							
	<i>Erythrolamprus aesculapii</i>		NE												
	<i>Imantodes cf. cenchoa</i>				X		X								
	<i>Imantodes</i> sp.				X		X								
	<i>Liophis</i> sp.				X		X								
	Unidentified sp.				X		X								
ELAPIDAE															

	<i>Micrurus surinamensis</i>	Coral Snake, Himurali	NE		X		X								
GEKKONIDAE															
	<i>Gonatodes humeralis</i>		NE										X	X	
GYMNOPHTHALMIDAE															
	<i>Gymnophthalmus underwoodi</i>	Skink	NE		X	X	X								
	<i>Leposoma percarinatum</i>		NE											X	X
IGUANIDAE															
	<i>Iguana iguana</i>	Iguana	NE		X		X	X					X		X
PELOMEDUSIDAE															
	<i>Podocnemis</i> sp.	River Turtle			X		X								
POLYCHROTIDAE															
	<i>Anolis</i> sp.	Anole Lizard			X	X	X				X				
	<i>Anolis fuscoauratus</i>	Anole Lizard	NE											X	
	<i>Anolis nitens</i>	Anole Lizard	NE												X
	<i>Cf. Anolis</i>	Anole Lizard			X		X								
	<i>Anolis cf. nitens</i>	Anole Lizard			X		X								
SCINCIDAE															
	<i>Mabuya nigropunctata</i>		NE										X		
TEIIDAE															
	<i>Ameiva ameiva</i>		NE		X	X	X						X	X	
	<i>Cnemidophorus</i> sp.				X	X	X								
	<i>Cnemidophorus lemmiscatus</i>		NE		X	X	X								
	<i>Kentropyx cf. borckiana</i>				X	X	X								
	<i>Kentropyx calcarata</i>		NE		X	X	X						X	X	X
	<i>Kentropyx striata</i>		NE			X									
	<i>Tupinambis teguixin</i>	Salipenter	NE		X	X	X	X	X	X	X		X	X	
TESTUDINIDAE															
	<i>Geochelone carbonaria</i>	Red-footed Tortoise	NE		X		X						X		
	<i>Geochelone denticulata</i>	Yellow-footed Tortoise	VU		X		X	X			X				
TROPIDURIDAE															
	<i>Plica plica</i>		NE										X		X
	<i>Plica umbra</i>	Plica, Tree Lizard	NE		X		X	X	X	X	X	X			X
	<i>Uranoscodon superciliosus</i>	Tree Climber	NE		X		X						X		
VIPERIDAE															
	<i>Bothriopsis bilineata</i>	Parrot Snake, Green Labaria	NE		X		X	X	X		X				
	<i>Bothrops atrox</i>	Labaria, Fer-de-Lance	NE		X		X							X	

	<i>Lachisis muta</i>	Bushmaster	NE		X		X								
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1. NE=Not Evaluated; LC=Least Concern; LR/cd =Lower Risk/conservation dependent; VU=Vulnerable.
2. MC=Mining Concession; GM=Golden Mile; JR=Julian Ross Itabu.

NON-AVIAN REPTILE TOTALS

FAMILIES	SPECIES	IUCN THREATENED ²	COUNTRY ENDEMICS	FIRST WET SEASON		SECOND WET SEASON		FIRST DRY SEASON		SECOND DRY SEASON		2009		
				MC ³	GM	MC	GM	MC	GM	MC	GM	MC	GM	JR
17	38-46 ¹	1	0	36	10	36	8	4	2	8	2	11	13	7

1. Due to differences in identifications between surveys and uncertainty of some identifications, the probable number of actual species observed is less than 46.
2. Includes species listed as VU, EN, or CR.
3. MC=Mining Concession; GM=Golden Mile; JR=Julian Ross Itabu.

Table 6. Birds reported by biodiversity surveys of the Aurora Mine Area, 2006-2007 and 2009

FAMILY	SCIENTIFIC NAME	COMMON NAME	IUCN CATEGORY¹	ENDEMICITY	MIGRATION²	FIRST WET SEASON		SECOND WET SEASON		FIRST DRY SEASON		SECOND DRY SEASON		2009		
						MC³	GM	MC	GM	MC	GM	MC	GM	MC	GM	JR
ACCIPITRIDAE																
	Accipitridae sp.	Black raptor										X				
	<i>Buteo</i> sp.	Hawk	LC							X		X	X			
	<i>Buteo nitidus</i>	Gray Hawk	LC											X	X	
	<i>Buteogallus anthracinus</i>	Common Black Hawk	LC						X						X	
	<i>Elanoides forficatus</i>	Swallow-tailed Kite	LC		COMPLEX									X	X	X
	<i>Harpia harpyja</i>	Harpy Eagle	NT												X	
ALCEDINIDAE																
	<i>Ceryle torquate</i>	Ringed Kingfisher	LC												X	
	<i>Chloroceryle aenea</i>	American Pygmy Kingfisher	LC									X				
	<i>Chloroceryle amazona</i>	Amazon Kingfisher	LC			X	X	X		X	X					
	<i>Chloroceryle americana</i>	Green Kingfisher	LC							X				X	X	
ANHIMIDAE																
	<i>Anhima cornuta</i>	Horned Screamer	LC			X		X								
ANHINGIDAE																
	<i>Anhinga anhinga</i>	Anhinga	LC			X	X	X						X	X	
APODIDAE																
	<i>Aeronautes montivagus</i>	White-tipped Swift	LC							X	X					
	<i>Chaetura brachyura</i>	Short-tailed Swift	LC											X	X	
	<i>Streptoprocne zonaris</i>	White-collared Swift	LC											X	X	
	<i>Tachornis squamata</i>	Fork-tailed Palm-Swift	LC											X	X	
ARDEIDAE																
	<i>Agamia agami</i>	Agami Heron	LC											X	X	
	<i>Ardea alba</i>	Great Egret	LC											X	X	
	<i>Ardea cocoi</i>	Cocoi Heron	LC											X	X	
	<i>Botaurus pinnatus</i>	Pinnated Bittern	LC											X	X	
	<i>Butorides striatus</i>	Striated Heron	LC			X		X						X	X	
	<i>Egretta caerulea</i>	Little Blue Heron	LC			X	X	X								

[illegible]

FAMILY	SCIENTIFIC NAME	COMMON NAME	IUCN CATEGORY¹	ENDEMICITY	MIGRATION²	FIRST WET SEASON		SECOND WET SEASON		FIRST DRY SEASON		SECOND DRY SEASON		2009		
						MC³	GM	MC	GM	MC	GM	MC	GM	MC	GM	JR
	<i>cayanus</i>			SHIELD												
COTINGIDAE																
	<i>Lipaugus vociferans</i>	Screaming Piha	LC			X	X	X				X		X	X	
	<i>Perissocephalus tricolor</i>	Capuchinbird	LC	GUIANA SHIELD										X	X	
	<i>Schiffornis turduina</i>	Thrush-like Schiffornis	LC									X				
CRACIDAE																
	<i>Crax alector</i>	Black Curassow	LC	GUIANA SHIELD		X	X	X							X	X
	<i>Crotophaga ani</i>	Smoothed-billed Ani	LC											X	X	
	<i>Ortalis motmot</i>	Little chachalaca	LC											X	X	X
	<i>Penelope jacquacu</i>	Spix's Guan	LC									X	X			
CUCULIDAE																
	<i>Coccyzus americanus</i>	Yellow-billed Cuckoo	LC		NEA							X	X			
	<i>Piaya cayana</i>	Squirrel Cuckoo	LC			X		X								
	<i>Tapera naevia</i>	Striped Cuckoo	LC											X	X	X
DENDROCOLAPTIDAE																
	<i>Campylorhamphus pusillus</i>	Curved-billed Scythebill	LC									X				
	<i>Deconychura longicauda</i>	Long-tailed Woodcreeper	LC						X	X						
	<i>Dendrocincla certhia</i>	Amazonian Woodcreeper	LC									X				
	<i>Dendrocincla fuliginosa</i>	Brown Woodcreeper	LC							X		X		X	X	
	<i>Dendrocincla merula</i>	White-chinned, Plain Woodcreeper	LC							X		X				
	<i>Dendrocolaptes picumnus</i>	Black-banded Woodcreeper	LC									X		X	X	
	<i>Glyphorhynchus spirurus</i>	Wedge-billed Woodcreeper	LC						X	X				X	X	
	<i>Sittasomus griseicapillus</i>	Olivaceous Woodcreeper	LC						X			X				
	<i>Xiphorhynchus guttatus</i>	Buff-throated Woodcreeper	LC									X				
	<i>Xiphorhynchus pardalotus</i>	Chesnut-rumped Woodcreeper	LC									X				

FAMILY	SCIENTIFIC NAME	COMMON NAME	IUCN CATEGORY¹	ENDEMICITY	MIGRATION²	FIRST WET SEASON		SECOND WET SEASON		FIRST DRY SEASON		SECOND DRY SEASON		2009		
						MC³	GM	MC	GM	MC	GM	MC	GM	MC	GM	JR
EMBERIZIDAE																
	<i>Ammodramus humeralis</i>	Grassland Sparrow	LC													X
EURYPIDGIDAE																
	<i>Eurypyga helias</i>	Sun bittern	LC			X		X						X	X	X
FALCONIDAE																
	<i>Daptrius ater</i>	Black Caracara	LC									X		X	X	X
	<i>Falco rufigularis</i>	Bat Falcon	LC											X	X	X
	<i>Ibycter americanus</i>	Red-throated Caracara	LC			X	X	X							X	X
FORMICARIIDAE																
	<i>Hyllopezus macularius</i>	Spotted Antpitta	LC											X	X	
FRINGILLIDAE																
	<i>Euphonia violacea</i>		LC													X
FURNARIIDAE																
	<i>Automolus infuscatus</i>	Olive-backed Foliage-gleaner	LC									X	X			
	<i>Synallaxis rutilans</i>	Ruddy Spinetail	LC									X				
GALBULIDAE																
	<i>Galbula dea</i>	Paradise Jacamar	LC									X			X	
HIRUNDINIDAE																
	<i>Atticora melanoleuca</i>	Black-collared Swallow	LC						X	X	X	X	X			
	<i>Progne chalybea</i>	Gray-breasted Martin	LC												X	X
	<i>Progne tapera</i>	Brown-chested Martin	LC		AUS										X	X
	<i>Stelgidopteryx ruficollis</i>	Southern Rough-winged Swallow	LC												X	X
	<i>Tachycineta albiventer</i>	White-winged Swallow	LC												X	X
ICTERIDAE																
	<i>Cacicus cela</i>	Yellow-rumped Cacique	LC			X	X	X						X		X
	<i>Cacicus haemorrhous</i>	Red-rumped Cacique	LC											X		X
	<i>Icterus cayanensis</i>	Epaulet Oriole	LC									X				
	<i>Icterus</i>	Yellow Oriole	LC			X		X								

FAMILY	SCIENTIFIC NAME	COMMON NAME	IUCN CATEGORY¹	ENDEMICITY	MIGRATION²	FIRST WET SEASON		SECOND WET SEASON		FIRST DRY SEASON		SECOND DRY SEASON		2009		
						MC³	GM	MC	GM	MC	GM	MC	GM	MC	GM	JR
	<i>nirgogularis</i>															
	<i>Psarocolius decumanus</i>	Crested Oropendola	LC			X	X	X				X	X	X		X
	<i>Psarocolius viridis</i>	Green Oropendola	LC											X		X
	<i>Quiscalus lugubris</i>	Carib Grackle	LC			X	X	X								
	<i>Molothrus oryzivorus</i>	Giant Cowbird	LC											X		X
MOMOTIDAE																
	<i>Momotus momota</i>	Blue-crowned Motmot	LC												X	
NYCTIBIIDAE																
	<i>Nyctibius griseus</i>	Common Potoo	LC											X	X	
ODONTOPHORIIDAE																
	<i>Colinus cristatus</i>	Crested Bobwhite	LC									X				
PHALCROCORACIDAE																
	<i>Phalacrocorax brasilianus</i>	Neotropic Comorant	LC							X				X	X	
PICIDAE																
	<i>Campephilus melanoleucos</i>	Crimson-crested Woodpecker	LC			X	X	X							X	X
	<i>Campephilus rubricollis</i>	Red-necked Woodpecker	LC											X	X	X
	<i>Celeus elegans</i>	Chesnut Woodpecker	LC									X			X	X
	<i>Celeus flavus</i>	Cream-colored Woodpecker	LC												X	X
	<i>Celeus torquatus</i>	Ringed Woodpecker	LC			X	X	X								
	<i>Colaptes rubiginosus</i>	Golden-olive Woodpecker	LC									X				
	<i>Dryocopus lineatus</i>	Lineated Woodpecker	LC			X		X	X	X	X			X	X	X
	<i>Melanerpes cruentatus</i>	Yellow-tufted Woodpecker	LC												X	X
	<i>Picumnus exilis</i>	Golden-spangled Piculet	LC									X				
	<i>Unidentified sp.</i>	Woodpecker				X		X								
PIPRIDAE																
	<i>Manacus manacus</i>	White-bearded Manakin	LC						X							

FAMILY	SCIENTIFIC NAME	COMMON NAME	IUCN CATEGORY¹	ENDEMICITY	MIGRATION²	FIRST WET SEASON		SECOND WET SEASON		FIRST DRY SEASON		SECOND DRY SEASON		2009		
						MC³	GM	MC	GM	MC	GM	MC	GM	MC	GM	JR
	<i>Pipra erythrocephala</i>	Golden-headed Manakin	LC						X	X				X	X	
	<i>Pipra pipra</i>	White-crowned Manakin	LC											X	X	
PSOPHIDAE																
	<i>Psophia crepitans</i>	Gray-winged Trumpeter	LC			X	X	X						X	X	X
PSITTACIDAE																
	<i>Amazona sp.</i>	Parrot				X	X	X								
	<i>Amazona amazonica</i>	Orange-winged Parrot	LC											X	X	
	<i>Amazona dufresniana</i>	Blue-cheeked Parrot	LC											X	X	
	<i>Amazona farinosa</i>	Mealy Parrot	LC			X		X	X	X		X	X	X	X	
	<i>Amazona ochrocephala</i>	Yellow-crowned Parrot	LC			X		X						X	X	X
	<i>Ara sp.</i>	Macaw				X		X								
	<i>Ara ararauna</i>	Blue-and-yellow Macaw	LC			X		X							X	
	<i>Ara chloropterus</i>	Red-and-Green Macaw	LC			X	X	X		X	X	X			X	
	<i>Ara macao</i>	Scarlet Macaw	LC												X	
	<i>Ara nobilis</i>	Red-shouldered Macaw	LC											X	X	
	<i>Aratinga leucophthalma</i>	White-eyed Parakeet	LC									X	X			
	<i>Aratinga pertinax</i>	Brown-throated Parakeet	LC						X							
	<i>Aratinga solstitialis</i>	Sun Parakeet	EN	GUIANA SHIELD		X		X								
	<i>Brotogeris chrysopterus</i>	Golden-winged Parakeet	LC												X	
	<i>Deropterus accipitrinus</i>	Red-fan Parrot	LC			X		X							X	
	<i>Forpus sp.</i>	Parrotlet								X						
	<i>Forpus modestus</i>	Dusky-billed Parrotlet	LC									X				
	<i>Forpus passerinus</i>	Green-rumped Parrotlet	LC											X	X	
	<i>Pionites melanocephala</i>	Black-headed Parrot	LC	GUIANA SHIELD		X		X						X	X	

FAMILY	SCIENTIFIC NAME	COMMON NAME	IUCN CATEGORY¹	ENDEMICITY	MIGRATION²	FIRST WET SEASON		SECOND WET SEASON		FIRST DRY SEASON		SECOND DRY SEASON		2009		
						MC³	GM	MC	GM	MC	GM	MC	GM	MC	GM	JR
	<i>Pionopsitta caica</i>	Caica Parrot	LC	GUIANA SHIELD		X		X				X	X	X	X	
	<i>Pionus fuscus</i>	Dusky Parrot	LC			X		X				X	X	X	X	
	<i>Pionus menstruus</i>	Blue-headed Parrot	LC											X	X	
	<i>Pyrrhura picta</i>	Painted Parakeet	LC											X	X	
RAMPHASTIDAE																
	<i>Pteroglossus aracari</i>	Black-necked Aracari	LC			X		X							X	X
	<i>Pteroglossus viridis</i>	Green Aracari	LC	GUIANA SHIELD										X		X
	<i>Ramphastos</i> sp.	Toucan	LC						X	X						
	<i>Ramphastos tucanus</i>	Red-billed Toucan	LC			X	X	X							X	X
	<i>Ramphastos vitellinus</i>	Channel-billed Toucan	LC			X		X							X	X
RALLIDAE																
	<i>Anurolimnas viridis</i>	Russet-crowned Crake	LC												X	
	<i>Aramides cajanea</i>	Gray-necked Wood-rail	LC											X	X	
	<i>Porzana flaviventer</i>	Yellow-breasted Crake	LC												X	
SCOLOPACIDAE																
	<i>Actitis macularius</i>	Spotted Sandpiper	LC		NEA										X	
	<i>Tringa solitaria</i>	Solitary Sandpiper	LC		NEA	X	X	X								
STRIGIDAE																
	<i>Asio flammeus</i>	Short-eared Owl	LC												X	
	<i>Pseudoscops clamator</i>	Striped Owl	LC												X	
	<i>Pulsatrix perspicillata</i>	Spectacled Owl	LC											X	X	
THAMNOPHILIDAE																
	<i>Cercomacra tyrannina</i>	Dusky Antbird	LC			X		X								
	<i>Formicivora grisea</i>	White-fringed Antwren	LC											X	X	
	<i>Herpsilochmus dorsimaculatus</i>	Spot-backed Antwren	LC							X						
	<i>Hylophylax naevia</i>	Spotted-back Antbird	LC			X		X								

[illegible]

FAMILY	SCIENTIFIC NAME	COMMON NAME	IUCN CATEGORY¹	ENDEMICITY	MIGRATION²	FIRST WET SEASON		SECOND WET SEASON		FIRST DRY SEASON		SECOND DRY SEASON		2009		
						MC³	GM	MC	GM	MC	GM	MC	GM	MC	GM	JR
		Shrike-Tanager														
	<i>Paroaria gularis</i>	Red-capped Cardinal	LC			X	X	X								X
	<i>Ramphocelus carbo</i>	Silver-beaked Tanager	LC			X	X	X						X		X
	<i>Sporophila castaneiventris</i>	Chestnut-bellied Seedeater	LC													X
	<i>Sporophila minuta</i>	Ruddy-breasted Seedeater	LC													X
	<i>Tachyphonus rufus</i>	White-lined Tanager	LC							X				X		X
	<i>Tangara gyrola</i>	Bay-headed Tanager	LC											X		X
	<i>Thraupis episcopus</i>	Blue-gray Tanager	LC			X		X						X		X
	<i>Thraupis palmarum</i>	Palm Tanager	LC			X		X						X		X
THRESKIORNITHIDAE																
	<i>Mesembrinibis cayennensis</i>	Green Ibis	LC											X	X	X
TINAMIDAE																
	<i>Crypturellus soui</i>	Little Tinamou	LC			X		X				X				
	<i>Crypturellus variegatus</i>	Variegated Tinamou	LC							X				X	X	
	<i>Tinamus major</i>	Great Tinamou	LC			X		X						X	X	X
	<i>Tinamus tao</i>	Gray Tinamou	LC						X	X		X	X			
TITYRIDAE																
	<i>Tityra cayana</i>	Black-tailed Tityra	LC											X	X	
TROCHILIDAE																
	<i>Adelomyia melanogenys</i>	Speckled Hummingbird	LC									X				
	<i>Amazilia sp.</i>	Hummingbird				X		X								
	<i>Amazilia tobaci</i>	Copper-rumped Hummingbird	LC							X						
	<i>Amazilia brevirostris</i>	White-chested Emerald	LC			X	X	X								
	<i>Campylopterus largipennis</i>	Gray-breasted Sabrewing	LC						X	X				X	X	
	<i>Chlorestes sp.</i>	Sahppire	LC									X	X			
	<i>Coeligena</i>	Bronzy Inca	LC							X						

FAMILY	SCIENTIFIC NAME	COMMON NAME	IUCN CATEGORY¹	ENDEMICITY	MIGRATION²	FIRST WET SEASON		SECOND WET SEASON		FIRST DRY SEASON		SECOND DRY SEASON		2009		
						MC³	GM	MC	GM	MC	GM	MC	GM	MC	GM	JR
	<i>coeligena</i>															
	<i>Colibri thalassinus</i>	Green Violetear	LC							X	X					
	<i>Doryfera johannae</i>	Blue-fronted Lancebill	LC							X	X					
	<i>Hylocharis cyaneus</i>	White-chinned Sapphire	LC									X				
	<i>Phaethornis bourcierii</i>	Long-tailed Hermit	LC											X	X	
	<i>Phaethornis hispidus</i>	White-bearded Hermit	LC									X				
	<i>Phaethornis ruber</i>	Reddish Hermit	LC											X	X	
	<i>Phaethornis rupurumii</i>	Streak-throated Hermit	LC						X	X	X	X				
TROGLODYTIDAE																
	<i>Cyphorhinus arada</i>	Musician Wren	LC									X		X	X	
	<i>Henicorhina leucosticta</i>	White-breasted Wood-wren	LC									X	X	X	X	
	<i>Thryothorus coraya</i>	Coraya Wren	LC											X	X	
	<i>Thryothorus leucotis</i>	Buff-breasted Wren	LC											X	X	
	<i>Troglodytes musculus</i>	Southern House Wren	LC											X	X	
TROGONIDAE																
	<i>Trogon viridis</i>	White-tailed Trogon	LC												X	X
	<i>Trogon violaceus</i>	Violaceous Trogon	LC												X	X
TURDIDAE																
	<i>Platycichla leucops</i>	Pale-eyed Thrush	LC													X
TYRANNIDAE																
	<i>Attila cinnamomeus</i>	Cinnamon Attila	LC												X	
	<i>Colonia colonus</i>	Long-tailed Tyrant	LC											X	X	
	<i>Conopias parvus</i>	Yellow-throated Flycatcher	LC		AMN				X	X						
	<i>Fluvicola pica</i>	Pied Water-Tyrant	LC			X	X	X		X	X					

FAMILY	SCIENTIFIC NAME	COMMON NAME	IUCN CATEGORY ¹	ENDEMICITY	MIGRATION ²	FIRST WET SEASON		SECOND WET SEASON		FIRST DRY SEASON		SECOND DRY SEASON		2009		
						MC ³	GM	MC	GM	MC	GM	MC	GM	MC	GM	JR
	<i>Legatus leucophaeus</i>	Piratic Flycatcher	LC		AUS									X	X	X
	<i>Megarynchus pitangua</i>	Boat-billed Flycatcher	LC												X	
	<i>Myiarchus tuberculifer</i>	Dusky-capped Flycatcher	LC											X	X	
	<i>Myiozetetes cayanensis</i>	Rusty-margined Flycatcher	LC												X	
	<i>Ornithion brunneicapillus</i>	Brown-capped Tyrannulet	LC						X							
	<i>Pitangus lictor</i>	Lesser Kiskadee	LC			X		X							X	
	<i>Pitangus sulphuratus</i>	Great Kiskadee	LC			X	X	X	X					X	X	
	<i>Todirostrum cinereum</i>	Common Tody-Flycatcher	LC											X	X	
	<i>Tyrannus albogularis</i>	White-throated Kingbird	LC		AUS										X	
	<i>Tyrannus dominicensis</i>	Gray Kingbird	LC		NEA									X	X	
	<i>Tyrannus melancholicus</i>	Tropical Kingbird	LC		AUS	X	X	X							X	X
	<i>Tyrannus savana</i>	Fork-tailed Flycatcher	LC		AUS									X	X	

1. NE=Not Evaluated; DD=Data Deficient; LC=Least Concern; NT=Near Threatened; VU=Vulnerable, EN=Endangered; CR=Critically Endangered.

2. Migratory Codes: AUS = Austral migrant;; COMPLEX = Complex migratory pattern; NEA = Nearctic migrant.

3. MC=Mining Concession; GM=Golden Mile; JR=Julian Ross Itabu.

BIRD TOTALS

FAMILIES	SPECIES	IUCN THREATENED ¹	GUIANA SHIELD ENDEMIC ²	MIGRATORY SPECIES	FIRST WET SEASON		SECOND WET SEASON		FIRST DRY SEASON		SECOND DRY SEASON		2009		
					MC ²	GM	MC	GM	MC	GM	MC	GM	MC	GM	JR
50	216	2	10	21	55	23	55	21	35	10	48	15	92	115	53

1. Species listed as VU, EN, or CR.

2. MC=Mining Concession; GM=Golden Mile; JR=Julian Ross Itabu.

Table 7. Mammals reported by biodiversity surveys of the Aurora Mine Area, 2006-2007 and 2009

FAMILY	SCIENTIFIC NAME	COMMON NAME	IUCN CATEGORY ¹	FIRST WET SEASON		SECOND WET SEASON		FIRST DRY SEASON		SECOND DRY SEASON		2009		
				MC ²	GM	MC	GM	MC	GM	MC	GM	MC	GM	JR
AGOUTIDAE														
	<i>Agouti paca</i>	Paca, Labba	LC	X	X	X	X	X					X	X
CEBIDAE														
	<i>Alouatta macconnelli</i>	Guianan Red Howler Monkey	LC	X	X	X	X	X	X	X	X		X	X
	<i>Ateles paniscus</i>	Guiana Spider Monkey	VU	X	X	X								
	<i>Cebus olivaceus</i>	Weeper Capuchin Monkey	LC		X	X								
	<i>Saimiri sciureus</i>	South American Squirrel Monkey	LC	X	X	X								
	<i>Cebus</i> sp.	Capuchin Monkey		X		X				X				
CERVIDAE														
	<i>Odocoileus virginianus</i>	White-tailed Deer	LC	X		X								
	<i>Mazama</i> sp.	Brocket Deer									X			
	<i>Mazama americana</i>	Red Brocket Deer	DD	X		X						X	X	X
	<i>Mazama nemorivaga</i>	Amazonian Brown Brocket Deer	LC	X		X						X		X
DASYPODIDAE														
	<i>Dasypus</i> sp.	Armadillo								X				
	<i>Dasypus novemcinctus</i>	Nine-banded Armadillo	LC	X		X								X
DASYPROCTIDAE														
	<i>Dasypsecta leporina</i>	Red-rumped Agouti	LC	X		X		X	X	X	X		X	X
DIDELPHIDAE														
	<i>Didelphis marsupialis</i>	Common Opossum, Yawari	LC	X		X								
ECHYMYIDAE														
	<i>Proechimys</i> sp.	Spiny Rat					X	X						
EMBALLONURIDAE														
	<i>Rhynchonycteris naso</i>	River Bat	LC									X	X	
ERETHIZONTIDAE														
	<i>Coendou prehensilis</i>	Common Porcupine	LC									X		
FELIDAE														

FAMILY	SCIENTIFIC NAME	COMMON NAME	IUCN CATEGORY ¹	FIRST WET SEASON		SECOND WET SEASON		FIRST DRY SEASON		SECOND DRY SEASON		2009		
				MC ²	GM	MC	GM	MC	GM	MC	GM	MC	GM	JR
	<i>Leopardus pardalis</i>	Ocelot	LC	X		X							X	
	<i>Leopardus tigrinus</i>	Oncilla	VU	X		X								
	<i>Leopardus wiedii</i>	Margay	NT	X		X								
	<i>Panthera onca</i>	Jaguar	NT	X		X	X					X	X	
HYDROCHOERIDAE														
	<i>Hydrochoerus hydrochaeris</i>	Capybara	LC	X		X						X	X	
MEGALONYCHIDAE														
	<i>Choloepus didactylus</i>	Southern Two-toed Sloth	LC	X		X								
MOLOSSIDAE														
	<i>Molossus</i> sp.	Tree bat						X						
	<i>Molossus rufus</i>	Common Mastif Bat	LC										X	X
MUSTELIDAE														
	<i>Lontra longicaudis</i>	Neotropical Otter, Water Dog	DD					X	X			X		
	<i>Pteronura brasiliensis</i>	Giant Otter	EN	X								X		
MYRMECOPHAGIDAE														
	<i>Myrmecophaga tridactyla</i>	Giant Anteater	NT	X		X								
	<i>Tamandua tetradactyla</i>	Tamandua	LC	X		X								X
PHYLLOSTOMIDAE														
	<i>Artibeus</i> sp.	Leaf-nosed Bat		X	X	X								
	<i>Carollia cf. brevicauda</i>	Silky Short-tailed Bat	LC										X	
	<i>Desmodus rotundus</i>	Common Vampire Bat	LC										X	
	<i>Glossophaga</i> sp.	Leaf-nosed Bat		X		X	X	X			X			
PROCYONIDAE														
	<i>Nasua nasua</i>	Coati	LC	X		X								
TAPIRIDAE														
	<i>Tapirus terrestris</i>	Lowland Tapir, Bush Cow	VU	X		X		X		X	X	X	X	X
TAYASSUIDAE														
	<i>Pecari tajacu</i>	Collared Peccary	LC	X		X				X				
	<i>Tayassu pecari</i>	White-lipped Peccary	NT	X		X				X				
STEMODERMATINAE														
		Fruit Bat								X				

1. NE=Not Evaluated; DD=Data Deficient; LC=Least Concern; NT=Near Threatened; VU=Vulnerable, EN=Endangered; CR=Critically Endangered.

2. MC=Mining Concession; GM=Golden Mile; JR=Julian Ross Itabu.

MAMMAL TOTALS

FAMILIES	SPECIES	IUCN THREATENED ¹	FIRST WET SEASON		SECOND WET SEASON		FIRST DRY SEASON		SECOND DRY SEASON		2009		
			MC ²	GM	MC	GM	MC	GM	MC	GM	MC	GM	JR
20	38	4	26	6	26	5	8	3	9	5	9	12	9

1. Species listed as VU, EN, or CR.
2. MC=Mining Concession; GM=Golden Mile; JR=Julian Ross Itabu.