

Abundance Matrix of Fish Species Collected During the 2006 RAP Survey in the Acarai Mountains, Sipu, Kamoia and Essequibo Rivers, Konashen Indigenous District of Southern Guyana

Authors: Lasso, Carlos A., Hernández-Acevedo, Jamie, Alexander, Eustace, Señaris, Josefa C., Mesa, Lina, et al.

Source: A Rapid Biological Assessment of the Konashen Community Owned Conservation Area, Southern Guyana: 73

Published By: Conservation International

URL: <https://doi.org/10.1896/054.051.0115>

BioOne Complete (complete.BioOne.org) is a full-text database of 200 subscribed and open-access titles in the biological, ecological, and environmental sciences published by nonprofit societies, associations, museums, institutions, and presses.

Your use of this PDF, the BioOne Complete website, and all posted and associated content indicates your acceptance of BioOne's Terms of Use, available at www.bioone.org/terms-of-use.

Usage of BioOne Complete content is strictly limited to personal, educational, and non - commercial use. Commercial inquiries or rights and permissions requests should be directed to the individual publisher as copyright holder.

BioOne sees sustainable scholarly publishing as an inherently collaborative enterprise connecting authors, nonprofit publishers, academic institutions, research libraries, and research funders in the common goal of maximizing access to critical research.

Appendix 2

Abundance matrix of fish species collected during the 2006 RAP survey in the Acarai Mountains, Sipu, Kamao and Essequibo rivers, Konashen Indigenous District of Southern Guyana

Carlos A. Lasso, Jamie Hernández-Acevedo, Eustace Alexander, Josefa C. Señaris, Lina Mesa, Hector Samudio, Antoni Shushu, Elisha Mauruwanaru and Romel Shoni

* Species observed but not collected.

	SR-01	SR-02	SR-03	SR-04	SR-05	AM-06	AM-07A	AM-07B	SR-08	KR-09	KR-10	KR-11	KR-12	WL-13	PS-14-a	PS-14-b	PF-15	MAKR-16	Total
CHARACIFORMES (61)																			
Acestrorhynchidae (2)																			
<i>Acestrorhynchus falcatus</i>	1		1	4						1									7
<i>Acestrorhynchus microlepis</i>	3		1							1				1					6
Anostomidae (5)																			
<i>Anostomus anostomus</i>	1	1						2							1			1	6
<i>Leporinus arcus</i>	1							1											2
<i>Leporinus nigrotamniatus</i>																		1	1
<i>Leporinus</i> gr. <i>maculatus</i>								4							1			1	6
<i>Schizodon fasciatum</i>														1					1
Characidae (31)																			
<i>Aphyocharax erythrinus</i>																2			2
<i>Brachybalcinus orbicularis</i>	1								1					1		3			6
<i>Bryconops affinis</i>															1				1
<i>Bryconops caudomaculatus</i>	3							3	2	6				1	5			1	21
<i>Chalceus macrolepidotus</i>	1	1																	2
<i>Creagrutus melanzonus</i>								1											1
<i>Charax gibbosus</i>	2	1																	3
<i>Cynopotamus essequibensis</i>														1					1
<i>Hemigrammus guayanensis</i>	3				4						23	30	8	25	36				129
<i>Hemigrammus unilineatus</i>								4	78										82
<i>Hemigrammus</i> sp.					1				46		47	40		57	109	16			316
<i>Hypbessobrycon bentosi</i>			80	71	2						134	82	23	169	73	46			680
<i>Hypbessobrycon minor</i>			4	9							2	6		49					70
<i>Jupiaba abramoides</i>	1				8			4	1	1									15
<i>Jupiaba pinnata</i>																		1	1
<i>Jupiaba polylepis</i>	1		1	11				7			1			1				7	29
<i>Jupiaba potaroensis</i>							1		8										9
<i>Moenkhausia collettii</i>			120	60				4	53		24	26	8		11				306
<i>Moenkhausia oligolepis</i>			2	7															9
<i>Moenkhausia grandisquamis</i>								2	1										3
<i>Moenkhausia</i> gr. <i>lepidura</i>														3					3
<i>Moenkhausia lepidura lepidura</i>	2	6						2	1	2	5			1					19
<i>Moenkhausia lepidura lata</i>				20															20
<i>Popella longipinnis</i>														1					1
<i>Myleus rhomboidalis</i>										1									1
<i>Serrasalmus rhombus</i>	1									1				1					3

	SR-01	SR-02	SR-03	SR-04	SR-05	AM-06	AM-07A	AM-07B	SR-08	KR-09	KR-10	KR-11	KR-12	WL-13	PS-14-a	PS-14-b	PF-15	MAKR-16	Total
<i>Tetragonopterus chalcus</i>																1			1
<i>Phenacogaster microstictus</i>		6	19						16		18	5							64
<i>Phenacogaster megalostictus</i>														1		8			8
<i>Triportheus brachipomus</i>										1									2
<i>Triportheus</i> sp.																		1	1
Crenuchidae (5)																			
<i>Amnocriptocharax lateralis</i>		6																15	21
<i>Amnocriptocharax vintoni</i>								1											1
<i>Characidium steindachneri</i>		2						2	2	2	2	2	2					2	12
<i>Melanocharacidium blennioides</i>								1			1							2	4
<i>Characidium</i> sp.																		2	2
Curimatidae (5)																			
<i>Curimatella dorsalis</i>	1												3	1					5
<i>Curinata cyprinoides</i>														1					1
<i>Cyphocharax</i> sp.			1						6	4						1			12
<i>Steindachnerina</i> sp.	1																		1
<i>Curimatopsis crypticus</i>															2				2
Cynodontidae (3)																			
<i>Cynodon gibbus</i> *																			0
<i>Hydrolycus armatus</i> *																			0
<i>Hydrolycus tatauaia</i> *																			0
Erythrinidae (4)																			
<i>Hoplias macrophthalmus</i>				1	2			1						1		1			7
<i>Hoplias cf. malabaricus</i>	1			2					1	1	2				1				8
<i>Hoplerythrinus unitaeniatus</i>																	2		2
<i>Erythrinus erythrinus</i>					1				1								1		3
Hemiodontidae (2)																			
<i>Hemiodus vorderwinkleri</i>																		2	2
<i>Hemiodus semitaeniatus</i>	2									1				1				1	5
Lebiasinidae (2)																			
<i>Nannostomus marginatus</i>		18			1				2	6				1		303			332
<i>Pyrrhulina filamentosa</i>		3	4	31				7	1	1	1	1	1	14	9	2			73
Parodontidae (1)																			
<i>Parodon guyanensis</i>								2								8			10
Prochilodontidae (1)																			
<i>Prochilodus rubrotaeniatus</i> *																			0
SILURIFORMES (32)																			

	SR-01	SR-02	SR-03	SR-04	SR-05	AM-06	AM-07A	AM-07B	SR-08	KR-09	KR-10	KR-11	KR-12	WL-13	PS-14-a	PS-14-b	PF-15	MAKR-16	Total	
Auchenipteridae (4)																				
<i>Agenetiosus marmoratus</i>										1				1						2
<i>Auchenipterus demerarae</i>										1										1
<i>Tatia intermedia</i>	1	1	3								1									6
<i>Trachylopterus galeatus</i>															1		1			2
Callichthyidae (4)																				
<i>Corydoras bondi</i>				2				4												6
<i>Corydoras</i> sp.													1							1
<i>Callichthys callichthys</i>					2	1														3
<i>Megalechis thoracata</i>																	8			8
Cetopsidae (2)																				
<i>Helogenes marmoratus</i>								2	1											3
<i>Pseudocetopsis macilenta</i>		2																		2
Doradidae (1)																				
<i>Doras</i> cf. <i>micropoecus</i>														2						2
Heptapteridae (5)																				
<i>Pimelodella</i> cf. <i>gracilis</i>										1	1	1	1						1	5
<i>Rhamdia</i> cf. <i>foina</i>																				2
<i>Pimelodella cristata</i>		1				2				1										2
<i>Imparfinis</i> cf. <i>piipersi</i>																			1	1
<i>Pimelodella</i> sp.										1										1
Loricariidae (13)																				
<i>Ancistrus</i> cf. <i>liburgicus</i>																1				1
<i>Ancistrus</i> sp. 1				1				10												11
<i>Ancistrus</i> sp. 2		3	8					1												12
<i>Hypostomus</i> cf. <i>hemiusurus</i>																2			4	6
<i>Chasmocranus longinor</i>								6											3	9
<i>Harttia</i> sp.								4											7	11
<i>Hemiancistrus</i> sp.																			1	1
<i>Hypostomus tapborni</i>	1								2							1				4
<i>Hypostomus</i> sp.								14								1				15
<i>Lithoxus</i> cf. <i>surinamensis</i>								1												1
<i>Pseudoancistrus barbatus</i>																1				1
<i>Pseudoancistrus nigrescens</i>																			1	1
<i>Rineloricaria platyura</i>			1					2											1	3
Pimelodidae (2)																				
<i>Pimelodus ornatus</i>										1										1
<i>Pseudoplatystoma fasciatum</i> *																				0
Trichomycteridae (1)																				

	SR-01	SR-02	SR-03	SR-04	SR-05	AM-06	AM-07A	AM-07B	SR-08	KR-09	KR-10	KR-11	KR-12	WL-13	PS-14-a	PS-14-b	PF-15	MAKR-16	Total
<i>Ochmacanthus flabelliferus</i>											1					1			2
GYMNOTIFORMES (9)																			
Gymnotidae (3)																			
<i>Gymnotus carapo</i>					1												1		9
<i>Gymnotus coropinae</i>				2						1	2								5
<i>Electrophorus electricus*</i>																			0
Hypopomidae (2)																			
<i>Brachyopomus breviostris</i>					8								2				1		13
<i>Hypopygus lepturus</i>											21	1			14				36
Rhamphichthyidae (1)											14								14
<i>Gymnorhamphichthys petitti</i>																			
Sternopygidae (3)																			
<i>Eigenmannia humboldtii</i>													1						1
<i>Eigenmannia virescens</i>															4				4
<i>Sternopygus macrurus</i>								2											2
CYPRINODONTIFORMES (1)																			
Cyprinodontidae (1)																			
<i>Rivulus</i> sp.							10												10
PERCIFORMES (9)																			
Cichlidae (8)																			
<i>Aequidens tetramerus</i>	1			1	10								2			1	1		17
<i>Bujurquina</i> sp.								9											9
<i>Apistogramma steindachneri</i>			1	40	7				1		5	2	2	4					62
<i>Crenicichla alta</i>	1			3				1			1	3							9
<i>Crenicichla</i> cf. <i>lenticulata</i>														1					1
<i>Crenicichla lugubris</i>														2					2
<i>Guanacara</i> sp.		2		23														1	26
<i>Geophagus surinamensis</i>														1					1
Sciaenidae (1)																			
<i>Petitipinnis grunniens*</i>																			0
SYBRANCHIFORMES (1)																			
Synbranchidae (1)																			
<i>Synbranchus marmoratus</i>	1										1								2
Total	31	17	254	272	91	3	11	97	213	23	304	217	61	345	561	118	15	57	2690