

## **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**

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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>

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## 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

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\* 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
<b>CHARACIFORMES (61)</b>																			
<b>Acestrorhynchidae (2)</b>																			
<i>Acestrorhynchus falcatus</i>	1		1	4						1									7
<i>Acestrorhynchus microlepis</i>	3		1						1					1					6
<b>Anostomidae (5)</b>																			
<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
<b>Characidae (31)</b>																			
<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 guyanensis</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		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>																8			8
<i>Tripottheus brachipomus</i>										1				1					2
<i>Tripottheus</i> sp.																		1	1
<b>Crenuchidae (5)</b>																			
<i>Amnocriptocharax lateralis</i>			6															15	21
<i>Amnocriptocharax vintoni</i>								1											1
<i>Characidium steindachneri</i>			2					2		2	2	2	2					2	12
<i>Melanocharacidium blennioides</i>								1			1							2	4
<i>Characidium</i> sp.																		2	2
<b>Curimatidae (5)</b>																			
<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
<b>Cynodontidae (3)</b>																			
<i>Cynodon gibbus</i> *																			0
<i>Hydrolycus armatus</i> *																			0
<i>Hydrolycus tatauaia</i> *																			0
<b>Erythrinidae (4)</b>																			
<i>Hoplias macrophthalmus</i>				1	2			1		1	2			1		1			7
<i>Hoplias cf. malabaricus</i>	1			2					1	1					1				8
<i>Hoplerythrinus unitaeniatus</i>																	2		2
<i>Erythrinus erythrinus</i>					1				1								1		3
<b>Hemiodontidae (2)</b>																			
<i>Hemiodus vorderwinkleri</i>																		2	2
<i>Hemiodus semitaeniatus</i>	2									1				1				1	5
<b>Lebiasinidae (2)</b>																			
<i>Nannostomus marginatus</i>			18		1						2	6	1	1	303	1			332
<i>Pyrrhulina filamentosa</i>			3	4	31				7		1	1	1	14	9	2			73
<b>Parodontidae (1)</b>																			
<i>Parodon guyanensis</i>								2								8			10
<b>Prochilodontidae (1)</b>																			
<i>Prochilodus rubrotaeniatus</i> *																			0
<b>SILURIFORMES (32)</b>																			

	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
<b>Auchenipteridae (4)</b>																			
<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
<b>Callichthyidae (4)</b>																			
<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
<b>Cetopsidae (2)</b>																			
<i>Helogenes marmoratus</i>								2	1										3
<i>Pseudocetopsis macilenta</i>		2																	2
<b>Doradidae (1)</b>																			
<i>Doras</i> cf. <i>micropoecus</i>														2					2
<b>Heptapteridae (5)</b>																			
<i>Pimelodella</i> cf. <i>gracilis</i>										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
<b>Loricariidae (13)</b>																			
<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
<b>Pimelodidae (2)</b>																			
<i>Pimelodus ornatus</i>										1									1
<i>Pseudoplatystoma fasciatum</i> *																			0
<b>Trichomycteridae (1)</b>																			

	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
<b>GYMNOTIFORMES (9)</b>																			
<b>Gymnotidae (3)</b>																			
<i>Gymnotus carapo</i>					1												1		9
<i>Gymnotus coropinae</i>				2						1	1	2							5
<i>Electrophorus electricus*</i>																			0
<b>Hypopomidae (2)</b>																			
<i>Brachyopomus breviostris</i>					8							2	2				1		13
<i>Hypopygus lepturus</i>											21	1			14				36
<b>Rhamphichthyidae (1)</b>											14								14
<i>Gymnorhamphichthys petitti</i>																			
<b>Sternopygidae (3)</b>																			
<i>Eigenmannia humboldtii</i>													1						1
<i>Eigenmannia virescens</i>															4				4
<i>Sternopygus macrurus</i>								2											2
<b>CYPRINODONTIFORMES (1)</b>																			
<b>Cyprinodontidae (1)</b>																			
<i>Rivulus</i> sp.							10												10
<b>PERCIFORMES (9)</b>																			
<b>Cichlidae (8)</b>																			
<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	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
<b>Sciaenidae (1)</b>																			
<i>Petitipinnis grunniens*</i>																			0
<b>SYBRANCHIFORMES (1)</b>																			
<b>Synbranchidae (1)</b>																			
<i>Synbranchius marmoratus</i>	1										1								2
<b>Total</b>	31	17	254	272	91	3	11	97	213	23	304	217	61	345	561	118	15	57	2690