

**TABLE S1** | Summary information of specimens investigated of largehead hairtail *Trichiurus lepturus*. Collection period in 2016 (Month), vouchers (Sample ID), data on total length (L) in mm and body weight (W) in gram, stomach contents (SC) and sequence (ID) identified in GenBank.

Month	Sample ID	L	W	SC	ID
June	0616.1	1.200	1.320,20	06161A	
	0616.2	1.157	881,99	06162A	
				06162B	
				06162C	
				06162D	
				06162E	
	0616.3	930	546,39	06163A	
				06163B	<i>Paralonchurus</i> sp.
	0616.4	930	546,39	06164A	<i>Paralonchurus brasiliensis</i>
		792	438,77	06164B	
	0616.5	875	410,28	06165A	
				06165B	
	0616.7	875	410,28	06167A	
	0616.8	842	409,58	06168A	<i>Pellona</i> sp.
		842	409,58	06168B	
	0616.11	660	186,75	061611A	<i>Paralonchurus brasiliensis</i>
				061611B	<i>Paralonchurus</i> sp.
				061611C	<i>Paralonchurus brasiliensis</i>
	0616.12	1.161	1.244	061612A	
				061612B	
				061612C	<i>Paralonchurus</i> sp.
				061612D	<i>Paralonchurus brasiliensis</i>
				061612E	<i>Paralonchurus brasiliensis</i>
	0616.14	900	466,61	061614A	
				061614B	<i>Pimelodus maculatus</i>
				061614C	<i>Pimelodus maculatus</i>
0616.15	930	538,41	061615A		
0616.16	882	428,3	061616A		
			061616B		
0616.17	900	504,6	061617A	<i>Pimelodus maculatus</i>	
			061617B		
0616.18	800	304,5	061618A		
			061618B		
0616.19	740	257,3	061619A		



TABLE S1 | (Continued)

Month	Sample ID	L	W	SC	ID
June	0616.20	800	266,65	061620A	
	0616.21	859	396,6	061621A	<i>Pimelodus maculatus</i>
	0616.22	990	553,31	061622A	
				061622B	<i>Pimelodus maculatus</i>
				061622C	
	0616.23	880	446,12	061623A	<i>Paralonchurus brasiliensis</i>
				061623B	
				061623C	<i>Paralonchurus brasiliensis</i>
	0616.24	8960	415,8	061624A	<i>Paralonchurus brasiliensis</i>
	0616.27	712	192,98	061627A	
				061627B	<i>Pimelodus maculatus</i>
	0616.28	852	414	061628A	
	0616.29	745	237	061629A	
				061629B	<i>Pimelodus sp.</i>
	0616.30	710	420,7	061630A	<i>Pimelodus maculatus</i>
				061630B	
	0616.31	890	499,1	061631A	
			061631B	<i>Lycengraulis sp.</i>	
July	0716.10	881	430	071610A	<i>Pimelodus maculatus</i>
	0716.11	740	447,8	071611A	<i>Pimelodus sp.</i>
	0716.15	300	256,6	071615A	
	0716.23	810	299,1	071623A	<i>Opisthonema oglinum</i>
	0716.24	790	360,45	071624A	<i>Pimelodus maculatus</i>
				071624B	<i>Pimelodus maculatus</i>
	0716.26	860	369,7	071626A	



TABLE S1 | (Continued)

Month	Sample ID	L	W	SC	ID
August	0816.1	972	544,29	08161A	<i>Pimelodus maculatus</i>
				08161B	<i>Opisthonema</i> sp.
	0816.3	1.095	1.011,58	08163A	<i>Harengula</i> sp.
	0816.4	1.245	1.424,81	08164A	
	0816.5	1.033	788,78	08165A	<i>Opisthonema oglinum</i>
	0816.7	940	515,69	08167A	
				08167B	
	0816.9	807	287,8	08169A	
				08169B	
				08169C	
	0816.11	762	265,07	081611A	<i>Pimelodus</i> sp.
				081611B	<i>Pimelodus maculatus</i>
				081611C	
				081611D	
				081611E	
	0816.12	930	546,46	081612A	
	0816.17	322	638,4	081617A	<i>Harengula clupeola</i>
				081617B	<i>Isopisthus parvipinnis</i>
	0816.18	1.120	1.103,09	081618A	<i>Opisthonema</i> sp.
	0816.19	651	139,2	081619A	
				081619B	<i>Sardinella</i> sp.
	0816.20	961	513,95	081620A	
	0816.21	790	364,76	081621A	
	0816.22	865	408,95	081622A	
	0816.23	106	539,07	081623A	
	0816.25	907	477,35	081625A	
			081625B		
0816.26	1.430	970,03	081626A	<i>Harengula clupeola</i>	
			081626B		



TABLE S1 | (Continued)

Month	Sample ID	L	W	SC	ID
September	0916.18	928	938,4	091618A	<i>Opisthonema</i> sp.
				091618B	<i>Opisthonema</i> sp.
	0916.20	1.010	698,13	091620A	<i>Opisthonema</i> sp.
				091620B	
				091620C	
				091620D	
	0916.21	546	418,8	091621A	
				091621B	
	0916.22	760	209,57	091622A	<i>Sardinella</i> sp.
				091622B	
				091622C	
	0916.23	875	442,6	091623A	
	0916.24	691	195,8	091624A	
	0916.26	810	305,15	091626A	
				091626B	
	0916.27	980	565,7	091627A	
				091627B	
				091627C	
	0916.30	795	337,27	091630A	
				091630B	
	0916.33	995	567,3	091633A	
				091633B	
				091633C	
				091633D	
			091633E		
			091633F		



TABLE S1 | (Continued)

Month	Sample ID	L	W	SC	ID
November	1116.1	790	439,9	11161A	<i>Pellona harroweri</i>
	1116.3	843	311,6	11163A	<i>Pellona</i> sp.
	1116.4	824	331,1	11164A	
				11164B	<i>Pellona</i> sp.
	1116.6	916	482,3	11166A	
				11166B	
	1116.8	862	427,8	11168A	<i>Harengula</i> sp.
	1116.10	1.156	817,7	111610A	
	1116.14	840	373,45	111614A	
				111614B	
	1116.16	880	443,8	111616A	
				111616B	
			111616C		
December	1216.7	1.120	867	12167A	
	1216.8	937	444,6	12168A	
				12168B	
	1216.10	935	465,3	121610A	
	1216.11	884	237,8	121611A	
	1216.12	892	463,1	121612A	
	1216.13	881	394,8	121613A	
	1216.21	894	412	121621A	
				121621B	
	1216.24	845	353,84	121624A	
	1216.29			121629A	<i>Sardinella</i> sp.
			121629B		
Total	75		139	46	

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