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Supplement of

Feeding strategies differentiate four detritivorous curimatids in the Amazon

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Tables

Table S1. Alimentary Index (IA_i) (%) of four species of Curimatidae. Detritus = degraded organic matter; Vegetal = fragments of plant material; Microcrustaceans = ostracods and snails; Microalgae = chlorophytes and cyanophytes; Zooplankton = cladocerans and copepods.

	Alimentary Index - IA _i (%)					
	Detritus	Vegetal	Microcrustaceans	Microalgae	Thecamoebians	Zooplankton
<i>P. latior</i>	99.87					0.13
<i>P. altamazonica</i>	99.97			0.03		
<i>P. rutiloides</i>	99.45	0.002	0.051	0.006	0.001	0.49
<i>P. amazonica</i>	100					

Table S2. Percentage variation explained by the canonical axes (CVA) and the loadings for the size-corrected morphological traits. Explained proportion and significance values of each variable were tested on the first two CA axes using the *envfit* parametric test. Bold values indicate the more weighed variables in the first axis.

Trait	CA1	CA2	r ²	P
Intestine Weigth (IW)	0.18	-0.98	0.88	0.001
Intestine Length (IL)	0.83	-0.56	0.87	0.001
Total Length (TL)	-0.75	0.67	0.10	0.001
Total Weight (TW)	0.95	0.32	0.57	0.001
Somatic Digestive Index (DSI)	-0.13	-0.99	0.98	0.001
Explained variation (%)	88.9	7.4		

Figures

Potamorhina latior



Potamorhina altamazonica



Psectrogaster rutiloides



Psectrogaster amazonica

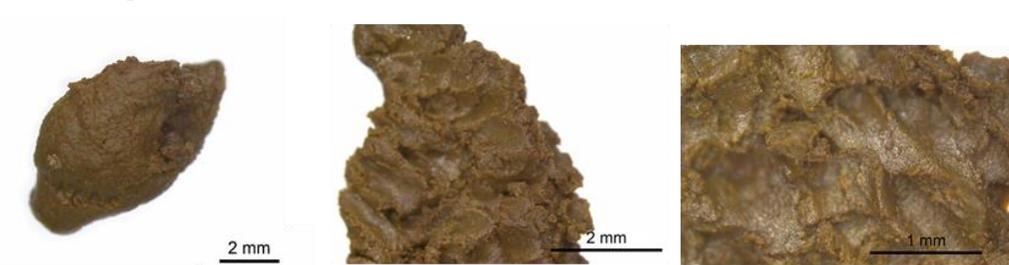


Figure S1. Stomach content of *Potamorhina latior*, *Potamorhina altamazonica*, *Psectrogaster rutiloides* and *Psectrogaster amazonica*. Images made with stereomicroscope Leica S9i.

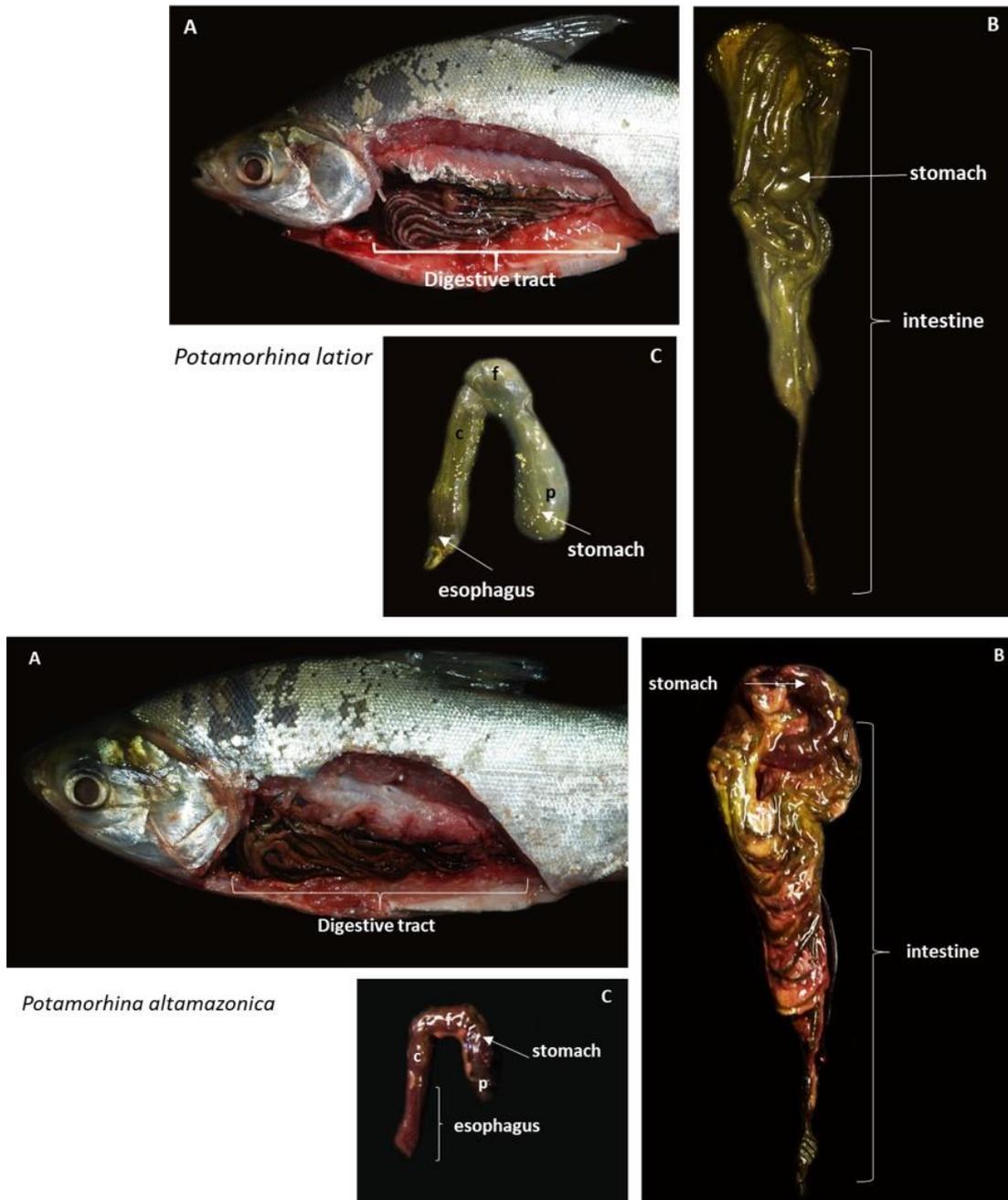


Figure S2. Images of the digestive tract of *Potamorhina latior* (81mm) and *Potamorhina altamazonica* (175mm). **A:** General view of the celom cavity indicating the position of the digestive tract. **B:** Digestive tract indicating stomach and long coiled intestine. **C:** Small, elongated stomach, of the fundic type with pyloric (p), fundic (f) and cardiac (c) regions, and esophagus.

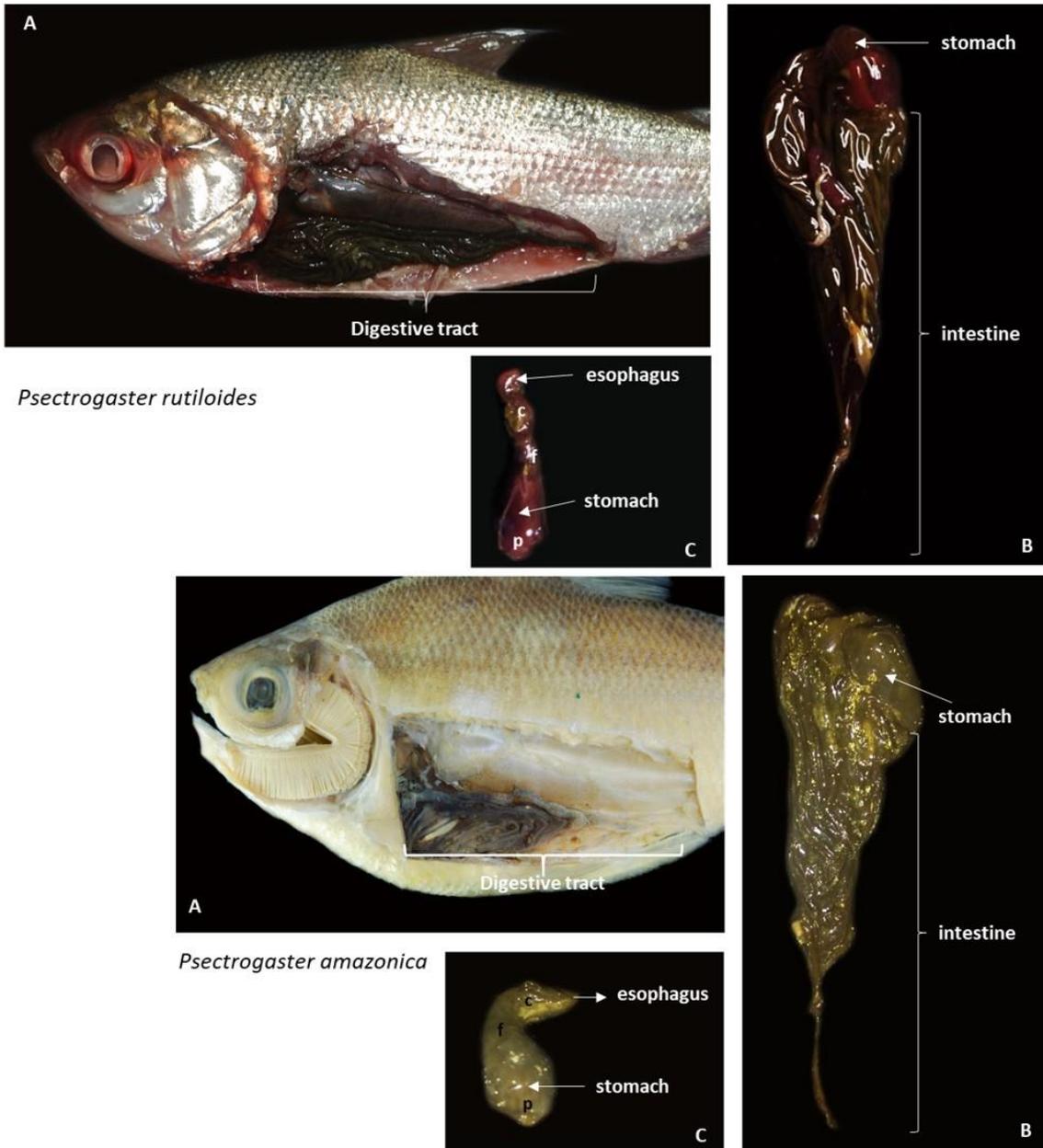


Figure S3. Images of the digestive tract of *Psectrogaster rutiloides* (129 mm) and *Psectrogaster amazonica* (143 mm). **A:** General view of the celom cavity indicating the position of the digestive tract. **B:** Digestive tract indicating stomach and long coiled intestine. **C:** Small, rounded stomach, of the fundic type with pyloric (p), fundic (f) and cardiac (c) regions and esophagus.