

S5. Morphometric data of *Characidium mariposita* by basins and for all specimens. Measurements showing significant differences between new species are in bold. Asterisks indicate additional variables.

S5. Datos morfométricos de *Characidium mariposita* por cuencas y para todos los ejemplares. Las mediciones que muestran diferencias significativas entre las nuevas especies están en negrita. Los asteriscos indican variables adicionales.

Variables		Characidium mariposita n. sp.															
Measurements	Abbreviations	All specimens				Uruguay River basin				Paraná River basin							
		n	Min.	Máx.	Mean	SD	n	Min.	Máx.	Mean	SD	n	Min.	Máx.	Mean	SD	
Total length	TL (mm)	35	31.1	57.2	44.6	6.3	21	31.1	57.2	43.3	6.9	14	39.1	53.4	46.6	4.8	
Standard length	SL (mm)	40	24.2	45.3	34.9	5.3	24	24.2	45.3	34.2	5.9	16	26.8	42.7	36	4.4	
Head length	HL (mm)	40	6.7	11.0	8.7	1.1	24	6.7	11.0	8.6	1.1	16	7.4	10.5	8.9	1.0	
Percentages of SL																	
Head length (%)	HL%	40	22.6	28.9	25.1	1.4	24	22.9	28.9	25.3	1.5	16	22.6	27.6	24.7	1.2	
Head height*	HH	40	13.1	17.7	15.1	1.0	24	13.1	17.8	15.2	1.5	16	13.4	15.9	14.9	0.6	
Head width*	HW	40	8.4	11.5	9.5	0.6	24	8.4	11.5	9.6	0.7	16	8.6	10.1	9.5	0.4	
Prepectoral distance	PPD	40	20.7	29.2	24.2	1.7	24	20.7	29.2	24.3	2.0	16	22.5	26.0	24.0	1.2	
Pectoral fin height	PFH	39	17.9	26.6	21.4	1.8	23	17.9	24.1	21.3	1.6	16	17.9	26.6	21.6	2.0	
Pectoral fin length*	PFL	40	20.1	26.7	24.2	1.6	24	21.4	26.7	24.2	1.3	16	20.1	26.2	24.1	2.1	
Predorsal distance	PDD	40	41.3	49.9	46.3	1.8	24	43.9	49.9	46.9	1.7	16	41.3	47.7	45.4	1.6	
Dorsal fin height	DFH	38	19.5	25.6	22.6	1.8	22	20.2	25.6	23.1	1.6	16	19.5	25.6	21.9	1.8	
Dorsal fin length*	DFL	40	21.9	31.1	27.5	1.8	24	21.9	31.1	27.4	1.9	16	24.4	29.4	27.6	1.5	
Dorsal fin base	DFB	40	13.6	17.6	15.3	0.9	24	13.6	17.6	15.3	1.0	16	13.9	16.5	15.1	0.8	
Prepelvic distance	PPVD	40	47.9	54.9	51.3	1.4	24	48.9	54.9	51.3	1.3	16	47.9	52.9	51.2	1.5	
Pelvic fin height	PVFH	40	12.1	16.9	14.8	1.2	24	12.6	16.9	15.0	1.1	16	12.1	16.2	14.4	1.4	
Pelvic fin length*	PVFL	40	19.2	25.9	21.9	1.7	24	19.7	25.9	22.1	1.6	16	19.2	25.6	21.6	1.9	
Prenasal distance	PAD	40	72.8	81.3	75.6	1.5	24	73.4	84.3	75.8	1.6	16	72.8	77.2	75.5	1.3	
Anal apex distance	AAD	40	88.5	98.6	93.9	2.0	24	90.7	98.6	94.0	1.7	16	88.5	97.0	93.8	2.3	
Anal to anal fin distance*	AAFD	5.1	4.5	7.7	6.4	0.7	24	4.5	7.7	6.2	0.7	16	5.5	7.5	6.5	0.6	
Anal fin height	AFH	16.1	12.9	18.1	15.8	1.2	23	14.1	18.1	16.1	0.9	16	12.9	17.3	15.3	1.4	
Anal fin length*	AFL	18.6	15.4	21.7	18.4	1.4	24	16.0	21.7	18.6	1.3	16	15.4	20.5	18.3	1.6	
Anal fin base	AFB	40	5.6	8.8	7.4	0.6	24	6.4	8.2	7.3	0.5	16	5.6	8.8	7.6	0.8	
Preadipose distance*	PADD	40	80.8	86.4	83.2	1.5	24	80.8	86.4	83.5	1.7	16	81.0	84.9	82.7	1.2	
Adipose fin height	ADFH	5.3	4.3	6.8	5.7	0.6	24	5.0	6.8	5.8	0.5	16	4.3	6.7	5.5	0.7	
Peduncle length	PL	19.2	16.4	21.9	19.3	1.1	24	17.6	21.9	19.3	0.9	16	16.4	21.5	19.3	1.3	
Peduncle width*	PW	3.2	1.8	3.5	2.7	0.5	24	2.1	3.5	2.8	0.5	16	1.8	3.2	41.5	0.4	
Body depth at dorsal fin origin	BDDFO	27.2	40	18.0	28.6	24.8	1.9	24	22.1	28.6	25.4	1.5	16	18.0	28.1	23.9	2.2
Body depth at anal fin origin	BDAFO	16.9	40	14.0	18.3	16.9	0.8	24	15.9	18.2	16.9	0.6	16	14.0	18.3	16.8	1.0
Body depth at caudal peduncle	BDCP	11.8	40	10.3	12.4	11.4	0.5	24	10.3	12.0	11.3	0.5	16	10.6	12.5	11.5	0.6
Body width	BW	9.5	40	7.7	10.7	9.3	0.7	24	7.7	10.4	9.4	0.7	16	8.3	10.7	9.2	0.6
Percentages of HL																	
Snout length	SNL	22.9	40	18.8	25.6	22.3	1.6	24	18.8	25.4	22.1	1.6	16	20.7	25.6	22.6	1.5
Snout maxillary tip	SMT	20.4	40	19.4	23.7	21.4	1.1	24	19.4	23.7	21.6	1.1	16	19.5	23.1	21.1	1.0
Anterior naris orbit	ANO	10.6	39	6.9	12.8	10.4	1.4	24	6.9	12.6	10.3	1.3	15	8.4	12.8	10.6	1.5
Posterior naris orbit	PNO	4.6	39	4.1	7.5	5.6	0.9	24	4.4	7.5	5.8	1.0	15	4.1	6.8	5.4	0.7
Cheek	CH	7.9	40	6.0	11.3	8.3	1.3	24	6.0	11.3	7.9	1.2	16	6.9	11.1	8.9	1.3
Orbital diameter	OD	28.5	40	26.5	35.6	30.0	2.3	24	26.9	34.2	30.0	1.9	16	26.5	35.6	29.9	2.8
Interorbital distance	IOD	19.2	40	14.9	23.9	17.7	1.8	24	15.8	20.0	18.0	1.3	16	14.9	23.9	17.4	2.3