

TABLE S1 | Morphometric table of *Characidium borellii* and from basin: Salí, Bermejo and Juramento-Salado. Morphometric data from the holotype of *C. borellii* were obtained from Géry *et al.* (2001). N = number of specimens.

		Holotype	<i>C. borellii</i>						Salí				
Variables			N	Min	Max	Mean	SD	K	N	Min	Max	Mean	SD
Total length	TL (mm)		83	32.4	84.5	61.3	11.1	-	36	41.8	83.7	61.1	9.3
Standard length	SL (mm)	67.3	84	25.5	70.0	50.1	9.2	-	36	33.8	70.0	49.8	7.9
Head length	HL (mm)	14.2	84	6.9	17.4	11.5	2.1	-	36	8.6	15.8	11.5	1.6
Percentages of standard length													
Head length (%)	HL%	21.1	84	19.7	26.9	23.1	1.4	0.9	36	19.7	25.8	23.1	1.5
Head height	HH		81	11.5	16.1	13.3	0.8	0.9	36	11.5	14.5	13.2	0.9
Head width	HW		81	8.3	11.5	9.4	0.7	0.9	36	8.3	10.1	9.2	0.5
Pre-pectoral distance	PPD	20.1	84	17.3	27.9	22.3	1.6	0.9	36	17.3	23.5	21.9	1.4
Pectoral-fin height	PFH		84	15.3	23.1	19.9	1.5	0.8	36	15.3	23.1	20.0	1.7
Pectoral-fin length	PFL	24.2	80	21.8	29.5	25.9	1.6	0.9	35	21.9	29.5	26.2	1.7
Pre-dorsal distance	PDD	45.5	83	40.5	49.3	45.9	1.5	1.1	36	44.5	49.3	46.6	1.2
Dorsal-fin height	DFH	17.7	84	13.8	23.0	18.4	1.6	0.8	36	15.6	23.0	18.2	1.6
Dorsal-fin length	DFL		77	21.9	27.2	24.8	1.1	1.0	35	21.9	27.2	25.2	1.1
Dorsal-fin base	DFB		84	11.4	15.4	14.1	0.8	1.0	36	11.4	15.2	14.2	0.8
Pre-pelvic distance	PPVD	52.1	76	46.7	54.7	51.6	1.6	1.1	30	48.6	54.2	51.8	1.4
Pelvic-fin height	PVPH		84	9.1	16.2	12.6	1.2	0.8	36	9.1	14.8	12.5	1.3
Pelvic-fin length	PVFL	21.1	80	18.8	30.5	22.3	2.4	1.2	35	19.2	27.7	22.5	2.2
Pre-anal distance	PAD		76	71.2	80.4	76.5	1.5	1.0	30	71.2	79.1	76.2	1.7
Anal apex distance	AAD		76	88.9	97.5	94.0	1.7	1.0	30	88.9	97.0	94.3	1.6
Anus to anal fin distance	AAFD		84	3.8	9.9	6.5	1.2	0.9	36	3.8	7.7	6.0	0.9
Anal-fin height	AFH	12.9	70	12.0	17.1	14.3	1.1	0.8	33	12.0	17.1	14.5	1.2
Anal-fin length	AFL		74	14.2	20.1	17.7	1.1	1.0	34	15.5	20.1	18.0	1.1
Anal-fin base	AFB		84	6.5	10.4	8.0	0.7	1.2	36	6.5	9.6	8.0	0.8
Pre-adipose distance	PADD		78	73.6	84.7	82.0	1.6	1.0	35	78.8	84.3	82.0	1.2
Adipose-fin height	ADFH		84	3.3	6.8	5.6	0.6	0.9	36	4.8	6.8	5.6	0.4
Peduncle length	PL	16.6	83	15.5	19.2	17.4	1.0	1.0	36	15.5	19.1	17.1	1.0
Peduncle width	PW		81	2.4	4.6	3.4	0.5	1.3	36	2.4	4.6	3.4	0.6
Body depth at dorsal-fin origin	BDDFO	24.2	76	17.4	25.2	21.5	1.7	1.3	30	17.4	25.2	21.4	1.8
Body depth at anal-fin origin	BDAFO		76	12.9	19.9	15.9	1.4	1.2	30	12.9	17.9	15.7	1.4
Body depth at caudal penducle	BDGP	11.9	82	9.0	12.8	11.6	0.6	1.1	36	9.0	12.8	11.6	0.7
Body width	BW		84	9.3	13.2	11.2	0.9	1.2	36	9.8	12.5	11.1	0.7
Percentages of head length													
Snout length	SNL	25.4	84	20.7	29.6	24.2	1.8	1.1	36	21.5	29.6	24.8	2.1
Snout-maxillary tip	SMT		83	20.3	26.6	23.5	1.2	0.9	36	21.5	26.3	23.7	1.2
Anterior-naris orbit	ANO		84	7.2	12.0	9.7	0.9	0.9	36	8.0	12.0	9.8	0.9
Posterior-naris orbit	PNO		84	2.9	6.3	4.4	0.7	1.0	36	3.0	5.8	4.6	0.6
Cheek	CH		83	5.9	14.5	9.9	1.6	1.3	36	5.9	14.5	9.9	1.8
Orbital diameter	OD	19.9	84	19.7	30.9	25.0	2.4	0.5	36	19.7	28.0	24.9	2.2
Interorbital distance	IOD	18.3	84	11.3	20.8	15.8	1.7	1.0	36	11.3	19.1	15.3	1.7



TABLE S1 | (Continued)

Variables	Bermejo					Juramento-Salado				
	N	Min	Max	Mean	SD	N	Min	Max	Mean	SD
Total length	32	32.4	84.5	62.5	14.1	15	44.0	67.4	59.1	7.3
Standard length	33	25.5	69.2	51.3	11.5	15	35.9	57.4	48.0	6.2
Head length	33	6.9	17.4	11.9	2.6	15	8.2	12.6	10.8	1.4
Percentages of standard length										
Head length (%)	33	20.6	26.9	23.3	1.3	15	20.6	25.1	22.6	1.1
Head height	32	11.8	16.1	13.5	0.8	13	12.1	14.9	13.0	0.8
Head width	32	8.4	11.5	9.7	0.8	13	8.4	9.8	9.0	0.4
Pre-pectoral distance	33	20.5	27.9	23.1	1.6	15	19.9	23.5	21.4	1.0
Pectoral-fin height	33	17.5	22.8	20.0	1.3	15	17.2	22.1	19.4	1.2
Pectoral-fin length	32	23.5	28.3	25.9	1.3	13	21.8	28.2	25.5	2.0
Pre-dorsal distance	32	43.6	48.6	45.5	1.3	15	40.5	48.1	45.2	1.8
Dorsal-fin height	33	15.9	23.0	18.7	1.5	15	13.8	22.7	18.4	2.1
Dorsal-fin length	30	22.4	26.9	24.5	1.1	12	23.2	26.1	24.4	1.0
Dorsal-fin base	33	12.3	15.4	13.9	0.9	15	13.3	15.4	14.1	0.6
Pre-pelvic distance	31	46.7	54.7	52.0	1.7	15	48.9	53.4	50.6	1.5
Pelvic-fin height	33	10.5	16.2	12.9	1.2	15	10.3	14.7	12.4	1.2
Pelvic-fin length	32	18.9	30.5	22.5	2.6	13	18.8	25.6	21.3	2.2
Pre-anal distance	31	74.3	80.4	77.0	1.5	15	73.8	77.5	76.0	1.2
Anal apex distance	31	90.0	97.5	94.0	1.8	15	90.8	96.4	93.4	1.8
Anus to anal fin distance	33	4.3	9.3	6.7	1.2	15	5.7	9.9	7.4	1.1
Anal-fin height	27	12.4	16.1	14.0	1.1	10	13.3	16.2	14.6	0.9
Anal-fin length	28	14.2	19.0	17.4	1.1	12	16.4	19.5	17.8	1.1
Anal-fin base	33	6.5	10.4	8.0	0.8	15	7.4	9.6	8.1	0.5
Pre-adipose distance	30	73.6	84.7	81.8	2.1	13	80.5	84.3	82.3	1.3
Adipose-fin height	33	3.3	6.6	5.5	0.7	15	4.7	6.6	5.7	0.6
Peduncle length	33	15.6	19.1	17.6	0.9	14	16.5	19.2	17.9	0.9
Peduncle width	32	2.6	4.3	3.4	0.5	13	2.6	3.8	3.2	0.4
Body depth at dorsal-fin origin	31	19.0	25.0	22.0	1.7	15	18.4	23.8	20.8	1.3
Body depth at anal-fin origin	31	13.0	18.7	16.2	1.3	15	13.2	19.9	15.9	1.7
Body depth at caudal peduncle	33	10.4	12.8	11.7	0.5	13	10.3	12.5	11.7	0.7
Body width	33	9.3	13.2	11.6	1.0	15	9.8	11.8	10.8	0.5
Percentages of head length										
Snout length	33	20.7	26.1	23.7	1.5	15	21.3	25.6	23.7	1.2
Snout-maxillary tip	33	20.3	25.6	23.3	1.2	14	22.0	26.6	23.8	1.3
Anterior-naris orbit	33	7.2	11.4	9.4	0.8	15	8.1	11.8	10.0	1.2
Posterior-naris orbit	33	2.9	5.9	4.2	0.6	15	3.2	6.3	4.4	1.1
Cheek	33	7.3	12.9	9.7	1.5	14	8.2	11.7	10.2	1.1
Orbital diameter	33	20.6	30.9	24.9	2.9	15	22.2	28.7	25.6	1.9
Interorbital distance	33	13.7	18.9	16.0	1.3	15	13.4	20.8	16.6	2.0

Neotropical Ichthyology



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