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# Publisher Correction: Diet and trophic niche of the invasive signal crayfish in the first invaded Italian stream ecosystem

Fabio Ercoli , Daniela Ghia, Laura Gruppuso, Gianluca Fea, Tiziano Bo & Timo J. Ruokonen

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The original version of this Article contained errors in Table 1 and Table 2.

In Table 1, the division lines between Sites (“S1”, “S2” and “S3”) and Age class (“Adults” and “Juveniles”) was not clear. Each Site had to contain the Age class “Adults” and “Mean”, and “Juveniles” and “Mean” values.

In Table 2, the division lines between Sites (“S1”, “S2” and “S3”) and Food sources was incorrectly placed. Each Site had to contain five Food sources: “Macroinvertebrates”, “Crayfish”, “Detritus”, “Periphyton” and “Macrophytes”.

The original Table 1 and Table 2 and accompanying legends appear below.

The original Article has been corrected.

Seasons	Sites	Age class	Sex	N	CL	$\delta^{13}\text{C}$	$\delta^{15}\text{N}$
Summer		Adults	M	7	47.17 $\pm$ 14.3	-26.38 $\pm$ 0.84	4.63 $\pm$ 0.27
			F	5	39.63 $\pm$ 10.3	-26.53 $\pm$ 0.50	4.73 $\pm$ 0.36
	S1	Mean values			44.03 $\pm$ 13.3	-26.44 $\pm$ 0.72	4.67 $\pm$ 0.32
		Juveniles	M	5	26.41 $\pm$ 2.6	-26.16 $\pm$ 0.30	4.89 $\pm$ 0.12
			F	5	25.95 $\pm$ 2.6	-26.28 $\pm$ 0.43	4.42 $\pm$ 0.21
		Mean			26.18 $\pm$ 2.6	-26.22 $\pm$ 0.38	4.65 $\pm$ 0.29
	S2	Adults	M	9	49.53 $\pm$ 12.0	-26.58 $\pm$ 0.70	4.91 $\pm$ 0.62
			F	10	47.34 $\pm$ 7.3	-26.67 $\pm$ 0.61	5.00 $\pm$ 0.34
	S3	Mean			48.38 $\pm$ 9.9	-26.62 $\pm$ 0.66	4.96 $\pm$ 0.50
		Juveniles	M	8	25.39 $\pm$ 2.9	-26.28 $\pm$ 0.43	5.03 $\pm$ 0.56
			F	12	21.58 $\pm$ 7.5	-26.36 $\pm$ 0.56	4.95 $\pm$ 0.64
		Mean			23.10 $\pm$ 6.4	-26.33 $\pm$ 0.51	4.98 $\pm$ 0.61
	Autumn	Adults	M	13	43.03 $\pm$ 9.0	-27.08 $\pm$ 0.80	6.25 $\pm$ 1.60
			F	12	41.63 $\pm$ 5.2	-26.42 $\pm$ 0.44	5.13 $\pm$ 0.99
	S1	Mean			42.36 $\pm$ 7.5	-26.76 $\pm$ 0.73	5.71 $\pm$ 1.46
		Juveniles	M	7	26.21 $\pm$ 2.5	-26.53 $\pm$ 0.37	6.60 $\pm$ 1.80
	S2		F	11	21.28 $\pm$ 8.8	-26.10 $\pm$ 0.82	6.72 $\pm$ 1.86
		Mean			23.20 $\pm$ 7.5	-26.27 $\pm$ 0.71	6.67 $\pm$ 1.84
	S3	Adults	M	3	48.97 $\pm$ 8.18	-27.10 $\pm$ 0.88	5.03 $\pm$ 0.26
			F	3	39.38 $\pm$ 3.16	-26.41 $\pm$ 0.21	4.69 $\pm$ 0.38
	Autumn	Mean			44.18 $\pm$ 7.84	-26.76 $\pm$ 0.72	4.86 $\pm$ 0.37
		Juveniles	M	1	26.57	-25.95	4.36
			F	4	19.26 $\pm$ 3.78	-25.30 $\pm$ 0.09	4.56 $\pm$ 0.43
		Mean			20.72 $\pm$ 4.47	-25.43 $\pm$ 0.27	4.52 $\pm$ 0.40
	S1	Adults	M	4	37.80 $\pm$ 4.32	-26.77 $\pm$ 0.29	4.77 $\pm$ 0.40
			F	-	-	-	-
	S2	Mean			37.80 $\pm$ 4.32	-26.77 $\pm$ 0.29	4.77 $\pm$ 0.40
		Juveniles	M	3	25.76 $\pm$ 1.42	-26.38 $\pm$ 0.28	4.75 $\pm$ 0.53
			F	10	25.29 $\pm$ 2.77	-26.86 $\pm$ 0.29	4.85 $\pm$ 0.61
		Mean			25.40 $\pm$ 2.53	-26.75 $\pm$ 0.34	4.82 $\pm$ 0.58
	S3	Adults	M	4	51.38 $\pm$ 9.89	-26.86 $\pm$ 0.70	5.97 $\pm$ 1.21
			F	2	44.24 $\pm$ 11.57	-26.50 $\pm$ 0.11	6.05 $\pm$ 1.19
	Autumn	Mean			49.00 $\pm$ 11.01	-26.74 $\pm$ 0.53	5.99 $\pm$ 0.99
		Juveniles	M	4	24.29 $\pm$ 5.34	-26.11 $\pm$ 0.49	6.55 $\pm$ 0.85
			F	5	22.97 $\pm$ 6.65	-26.28 $\pm$ 0.42	6.83 $\pm$ 1.03
		Mean			23.56 $\pm$ 6.14	-26.21 $\pm$ 0.40	6.71 $\pm$ 0.86

**Table 1.** Signal crayfish mean ( $\pm$  SD) stable isotope values of carbon and nitrogen, carapace length (CL), number of sampled individuals between sexes, age classes, and sites in Valla Stream in summer and autumn.

Sites	Food sources	Summer			Autumn		
		N	$\delta^{13}\text{C}$	$\delta^{15}\text{N}$	N	$\delta^{13}\text{C}$	$\delta^{15}\text{N}$
S1	Macroinvertebrates	3	$-26.74 \pm 1.11$	$3.08 \pm 1.28$	3	$-29.53 \pm 2.33$	$2.31 \pm 0.99$
	Crayfish	—	$-26.34 \pm 0.60$	$4.66 \pm 0.30$	—	$-26.15 \pm 0.86$	$4.71 \pm 0.41$
	Detritus	3	$-28.01 \pm 0.05$	$-1.57 \pm 0.10$	3	$-30.01 \pm 0.62$	$-2.44 \pm 0.63$
	Periphyton	—	$-26.88 \pm 1.99$	$1.91 \pm 1.46$	3	$-27.32 \pm 0.30$	$0.88 \pm 0.12$
	Macrophytes	3	$-39.61 \pm 0.20$	$1.92 \pm 0.35$	3	$-39.20 \pm 0.10$	$0.86 \pm 0.16$
S2	Macroinvertebrates	3	$-27.92 \pm 1.89$	$2.60 \pm 1.30$	3	$-30.41 \pm 2.88$	$2.72 \pm 0.82$
	Crayfish	—	$-26.47 \pm 0.60$	$4.97 \pm 0.55$	—	$-26.76 \pm 0.32$	$4.81 \pm 0.54$
	Detritus	3	$-28.92 \pm 0.36$	$-2.07 \pm 0.03$	3	$-29.06 \pm 0.46$	$-2.62 \pm 0.24$
	Periphyton	—	$-26.88 \pm 1.99$	$1.91 \pm 1.46$	3	$-28.24 \pm 2.16$	$1.89 \pm 1.38$
	Macrophytes	3	$-40.52 \pm 0.72$	$0.42 \pm 0.17$	3	$-39.59 \pm 0.08$	$1.10 \pm 0.21$
S3	Macroinvertebrates	3	$-27.83 \pm 1.34$	$3.95 \pm 2.24$	3	$-29.52 \pm 1.65$	$3.77 \pm 1.08$
	Crayfish	—	$-26.55 \pm 0.76$	$6.11 \pm 1.69$	—	$-26.42 \pm 0.52$	$6.42 \pm 0.97$
	Detritus	3	$-29.18 \pm 0.38$	$-1.53 \pm 0.31$	3	$-29.76 \pm 0.73$	$-2.15 \pm 0.31$
	Periphyton	—	$-26.88 \pm 1.99$	$1.91 \pm 1.46$	3	$-24.26 \pm 0.74$	$2.65 \pm 0.45$
S3	Macrophytes	3	$-39.15 \pm 0.49$	$0.34 \pm 0.038$	3	$-38.85 \pm 0.03$	$0.85 \pm 0.18$

**Table 2.** Mean ( $\pm$  SD) stable isotope values of carbon and nitrogen of food sources at each site in Valla Stream in summer and autumn.



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