

TABLE S3 | Mean and standard deviation (\pm) and in parentheses quartiles of the 2.5 and 97.5 % of proportion of contribution of the energy sources. C-01 = Ivinhema River, C-02 = Baía River, I-01 = Paraná River. *Schizodon borelli*, *Prochilodus lineatus*, *Pterodoras granulosus*, *Pseudoplatystoma corruscans*.

River		Aquatic macrophytes C4	Aquatic macrophytes C3	Biofilm	Phytoplankton	Riparian vegetation
I-01	<i>S. borellii</i>	6.1 \pm 4.0 (0.01-0.16)	9.9 \pm 7.9 (0.01-0.30)	13.4 \pm 8.3 (0.02-0.33)	51.1 \pm 20.1 (0.08-0.83)	19.5 \pm 12.8 (0.02-0.49)
	<i>P. lineatus</i>	7.5 \pm 5.7 (0.01-0.22)	18.1 \pm 16.1 (0.01-0.63)	10.0 \pm 7.8 (0.01-0.29)	21.9 \pm 18.1 (0.02-0.69)	42.4 \pm 20.6 (0.04-0.77)
	<i>P. granulosus</i>	6.5 \pm 4.2 (0.01-0.17)	15.0 \pm 11.5 (0.02-0.44)	9.6 \pm 6.3 (0.01-0.25)	25.3 \pm 16.1 (0.02-0.62)	43.6 \pm 15.1 (0.11-0.70)
	<i>P. corruscans</i>	4.1 \pm 2.6 (0.01-0.10)	10.3 \pm 7.4 (0.01-0.28)	6.7 \pm 4.2 (0.01-0.17)	21.7 \pm 12.0 (0.03-0.47)	57.2 \pm 10.3 (0.37-0.76)
	Mean	6.05	13.32	9.92	30	40.67
C-02	<i>S. borellii</i>	11.1 \pm 5.2 (0.02-0.22)	10.5 \pm 7.3 (0.01-0.29)	25.9 \pm 19.1 (0.02-0.71)	32.3 \pm 18.5 (0.03-0.68)	20.0 \pm 15.2 (0.02-0.59)
	<i>P. lineatus</i>	7.5 \pm 4.9 (0.01-0.20)	15.2 \pm 8.3 (0.03-0.34)	23.4 \pm 15.8 (0.02-0.60)	32.8 \pm 16.4 (0.04-0.65)	21.1 \pm 14.3 (0.02-0.55)
	<i>P. granulosus</i>	9.6 \pm 7.3 (0.01-0.29)	20.0 \pm 15.1 (0.02-0.59)	22.2 \pm 17.0 (0.02-0.65)	24.2 \pm 17.5 (0.02-0.65)	24.0 \pm 17.8 (0.02-0.67)
	<i>P. corruscans</i>	3.8 \pm 2.0 (0.01-0.08)	9.1 \pm 4.9 (0.02-0.20)	18.7 \pm 11.0 (0.02-0.43)	50.3 \pm 12.7 (0.23-0.73)	18.1 \pm 10.5 (0.03-0.42)
	Mean	7.97	13.7	22.55	34.9	20.8
C-01	<i>S. borellii</i>	10.8 \pm 5.1 (0.02-0.22)	10.6 \pm 7.4 (0.01-0.30)	26.3 \pm 19.9 (0.02-0.72)	31.6 \pm 18.6 (0.03-0.69)	20.7 \pm 16.0 (0.02-0.61)
	<i>P. lineatus</i>	9.5 \pm 6.6 (0.01-0.26)	21.6 \pm 16.4 (0.02-0.62)	20.7 \pm 16.3 (0.02-0.65)	22.4 \pm 17.1 (0.02-0.66)	25.8 \pm 17.6 (0.02-0.66)
	<i>P. granulosus</i>	6.2 \pm 4.1 (0.01-0.16)	21.8 \pm 15.9 (0.02-0.60)	17.8 \pm 13.9 (0.02-0.55)	19.9 \pm 15.2 (0.02-0.59)	34.3 \pm 19.2 (0.03-0.73)
	<i>P. corruscans</i>	6.4 \pm 4.0 (0.01-0.16)	18.1 \pm 14.2 (0.02-0.55)	18.5 \pm 14.6 (0.02-0.56)	21.7 \pm 16.3 (0.02-0.63)	35.3 \pm 19.0 (0.04-0.71)
	Mean	8.22	18.02	20.82	23.9	29.02



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