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Spencer R. Hall, Mathew A. Leibold, David A. Lytle, and Val H. Smith. 2004. Stoichiometry and planktonic grazer composition over gradients of light, nutrients, and predation risk. *Ecology* 85:2291–2301.

Appendix A. Results of nonparametric, univariate ANOVA analyses of edible seston C, P, and C:P ratio.

Effect	df	Edible Carbon ($\mu\text{g C/L}$)			Edible Phosphorus ($\mu\text{g P/L}$)			Edible C:P Ratio (mass)		
		SS	<i>F</i>	<i>P</i>	SS	<i>F</i>	<i>P</i>	SS	<i>F</i>	<i>P</i>
<i>R</i>	2	7E-07	0.12	0.88	1.05E-02	0.769	0.47	4.03E-03	3.58	0.0354
<i>S</i>	1	3.5E-06	1.22	0.27	2.66E-01	39.024	<0.0001	2.17E-02	38.46	<0.0001
<i>L</i>	1	4.1E-05	14.34	0.0001	5.95E-03	0.874	0.36	2.44E-02	43.26	<0.0001
<i>T</i>	1	7.7E-06	2.68	0.11	3.93E-02	5.775	0.0194	3.78E-04	0.67	0.42
<i>R</i> × <i>S</i>	2	1.7E-06	0.30	0.75	2.62E-03	0.192	0.82	2.21E-03	1.96	0.15
<i>R</i> × <i>L</i>	2	4E-06	0.70	0.51	2.35E-02	1.727	0.20	8.61E-04	0.76	0.48
<i>R</i> × <i>T</i>	2	5.9E-06	1.02	0.37	1.01E-02	0.741	0.48	1.76E-04	0.16	0.86
<i>S</i> × <i>L</i>	1	1.3E-06	0.46	0.54	1.80E-03	0.264	0.60	1.91E-03	3.39	0.071
<i>S</i> × <i>T</i>	1	1E-08	0.00	0.96	1.45E-03	0.213	0.64	3.00E-06	0.01	0.93
<i>L</i> × <i>T</i>	1	7.6E-07	0.27	0.62	1.03E-02	1.516	0.22	6.49E-04	1.15	0.29
<i>R</i> × <i>S</i> × <i>L</i>	2	5.7E-06	0.99	0.38	1.41E-02	1.033	0.36	2.31E-04	0.20	0.82
<i>R</i> × <i>S</i> × <i>T</i>	2	2.5E-06	0.43	0.66	4.79E-03	0.351	0.71	1.40E-03	1.24	0.29
<i>R</i> × <i>L</i> × <i>T</i>	2	2.2E-06	0.38	0.69	7.09E-03	0.521	0.60	2.87E-03	2.54	0.093
<i>S</i> × <i>L</i> × <i>T</i>	1	8E-08	0.03	0.87	8.70E-03	1.277	0.27	3.30E-05	0.06	0.81
<i>R</i> × <i>S</i> × <i>L</i> × <i>T</i>	2	1.4E-05	2.49	0.096	4.68E-02	3.435	0.041	1.48E-04	0.13	0.88
Residual	48	1.38E-04			3.27E-01			2.71E-02		
Total	23	2.29E-04			7.80E-01			8.80E-02		

Notes: Coefficients used in the Taylor (1961) transformations were $b = 3.89, 2.85,$ and 3.24 for C, P, and C:P, respectively. *P* values were calculated based on 9,999 randomizations, where bolded values indicate significance at $\alpha = 0.0167$ (0.05/3, Bonferroni corrected). Treatments include nutrient ratio (*R*, three levels), nutrient supply (*S*, two levels), light (*L*, two levels), and trophic structure (*T*, two levels).

Literature cited

Taylor, L. R. 1961. Aggregation, variance, and the mean. *Nature* **187**:732–735.

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