

Functional Ecology

Appendix S1 Table of results of type III mixed effects analyses with Satterthwaite approximation for degrees of freedom. Bold indicates statistical significance

	df		<i>F</i>	<i>P</i>		df		<i>F</i>	<i>P</i>
	Num	Den				Num	Den		
All beetles					Species richness				
Fish	2	64.28	21.32	<b>&lt;0.0001</b>	Abundance	1	59.04	12.91	<b>0.0007</b>
Nutrient	2	64.27	7.00	<b>0.0018</b>	Fish	2	65.5	0.70	0.5002
					Nutrient	2	64.32	1.19	0.3102
Dytiscidae					Hydrophilidae				
Fish	2	64.35	21.23	<b>&lt;0.0001</b>	Fish	2	63.90	5.11	<b>0.0088</b>
Nutrient	2	64.40	5.52	<b>0.0061</b>	Nutrient	2	63.91	3.08	0.0531
<i>Copelatus glyphicus</i>					<i>Cymbiodyta chamberlaini</i>				
Fish	2	64.51	20.40	<b>&lt;0.0001</b>	Fish	2	64.11	0.29	0.7525
Nutrient	2	64.65	6.34	<b>0.0031</b>	Nutrient	2	64.12	3.40	<b>0.0394</b>
Fish:Nutr	4	64.57	1.97	0.1103					
<i>Enochrus ochraceus</i>					<i>Laccophilus fasciatus</i>				
Fish	2	63.57	3.24	<b>0.0459</b>	Fish	2	58.33	2.62	0.0816
Nutrient	2	63.78	1.26	0.2906	Nutrient	2	58.87	1.02	0.3658
<i>Paracymus</i>					<i>Culex</i> egg rafts				
Fish	2	63.29	16.35	<b>&lt;0.0001</b>	Fish	2	66.25	21.31	<b>&lt;0.0001</b>
Nutrient	2	63.64	0.78	0.4623	Nutrient	2	66.37	11.46	<b>&lt;0.0001</b>
Fish:Nutr	4	63.44	2.35	0.0636	Fish:Nutr	4	66.23	5.4	<b>0.0008</b>