

Supplementary material

Temporal trends and determinants of fish biomass in two  
contrasting natural lake systems: insights from a spring long-term  
monitoring scheme

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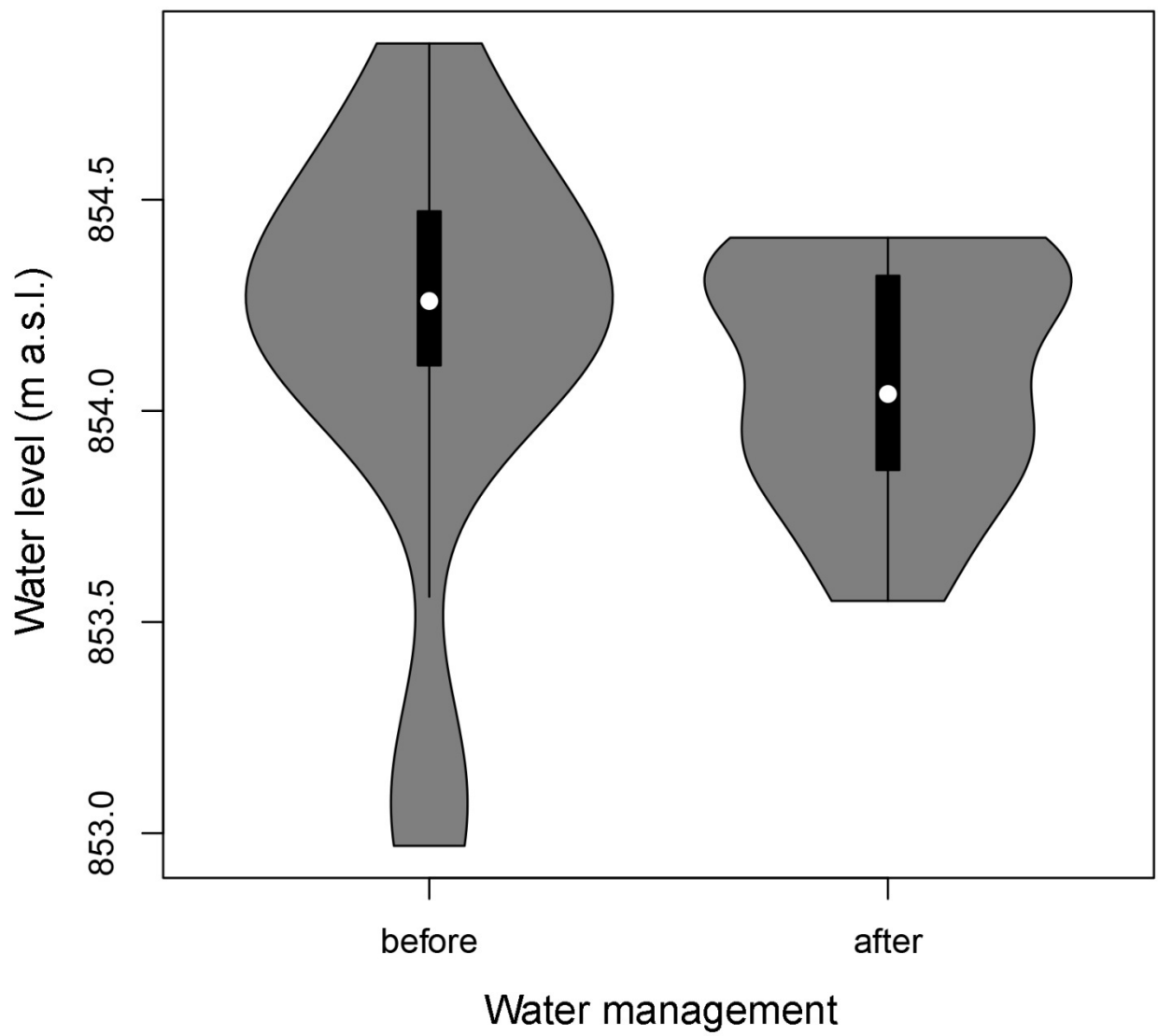
**Table S1:** Mean biomass per unit effort (BPUE) along with standard error (se) and range (min-max), for each sampling month and for the annual mean for each lake.

**a) Mikri Prespa**

species	April BPUE (g/h)				May BPUE (g/h)				June BPUE (g/h)				mean annual BPUE (g/h)			
	mean	se	min	max	mean	se	min	max	mean	se	min	max	mean	se	min	max
<i>Alburnoides prespensis</i>	2.85	0.71	0.02	16.92	2.29	0.66	0.00	12.35	2.03	0.45	0.00	6.93	2.39	0.53	0.08	11.20
<i>Alburnus belvica</i>	5.78	1.80	0.33	43.84	102.18	22.29	1.33	431.57	116.87	21.90	13.18	435.44	73.86	12.83	10.26	222.73
<i>Barbus prespensis</i>	1.29	0.65	0.00	16.25	1.06	0.31	0.00	6.15	0.73	0.21	0.00	4.40	1.03	0.29	0.00	6.53
<i>Carassius gibelio</i>	0.80	0.24	0.00	4.68	0.28	0.09	0.00	1.54	0.18	0.07	0.00	0.95	0.41	0.10	0.00	1.56
<i>Chondrostoma prespense</i>	6.81	1.67	0.57	36.97	1.72	0.28	0.00	4.91	1.31	0.23	0.00	3.81	3.27	0.57	0.66	14.21
<i>Cyprinus carpio</i>	4.04	0.83	0.00	12.76	5.15	1.46	0.00	34.66	5.24	1.04	0.00	18.11	4.81	0.90	0.00	19.65
<i>Lepomis gibbosus</i>	4.15	1.24	0.00	24.01	8.97	2.48	0.00	41.99	10.98	2.97	0.00	59.02	8.03	2.08	0.00	38.07
<i>Rutilus prespensis</i>	46.06	4.18	12.10	90.85	31.05	3.58	4.96	66.21	32.71	3.47	6.97	80.99	36.40	2.33	14.88	63.50
<i>Squalius prespensis</i>	6.08	0.91	0.27	21.09	11.13	1.41	3.12	30.07	6.85	1.16	1.29	22.89	7.91	0.89	2.46	18.47
<i>Tinca tinca</i>	0.13	0.07	0.00	1.66	0.60	0.27	0.00	6.26	0.83	0.32	0.00	7.68	0.52	0.21	0.00	5.20
<b>Total</b>	<b>77.99</b>	<b>6.99</b>	<b>18.60</b>	<b>160.90</b>	<b>165.07</b>	<b>24.44</b>	<b>17.00</b>	<b>544.30</b>	<b>177.71</b>	<b>26.30</b>	<b>42.40</b>	<b>521.70</b>	<b>138.64</b>	<b>16.53</b>	<b>39.15</b>	<b>363.27</b>

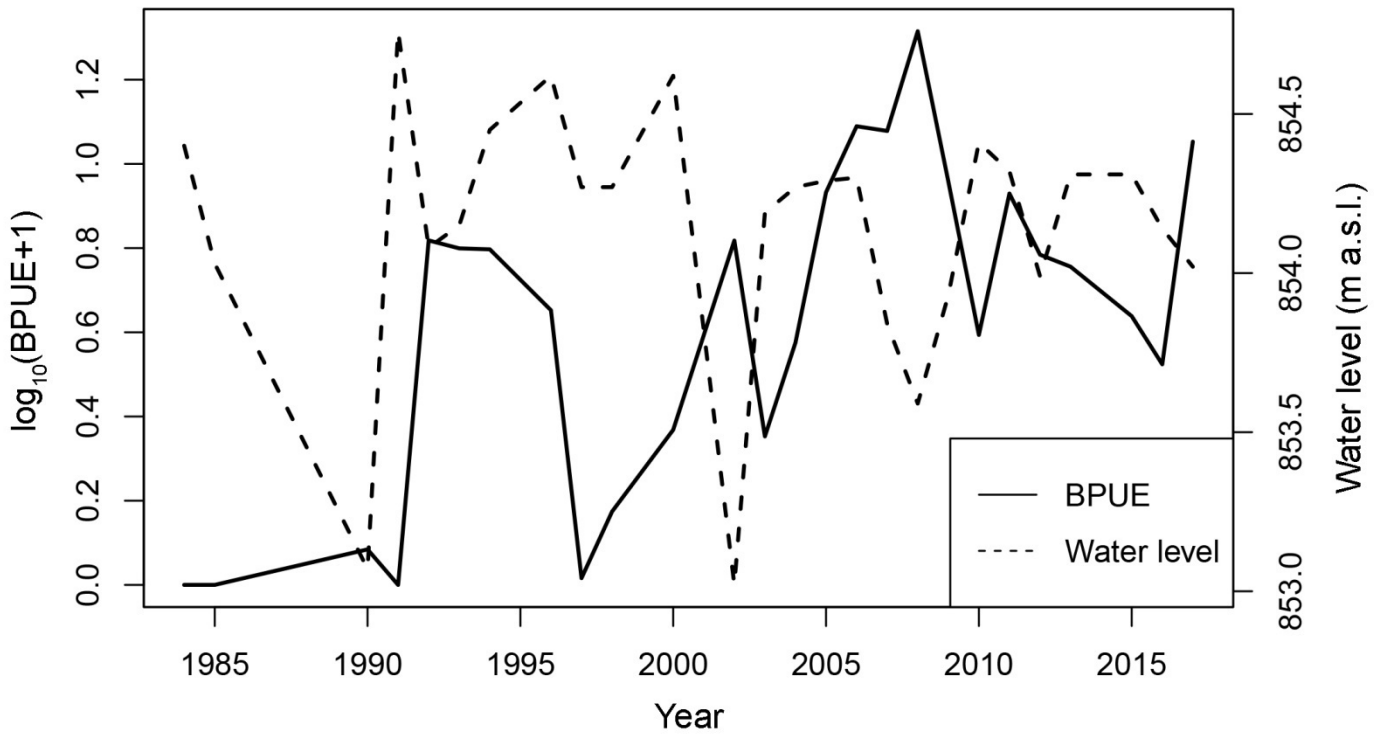
**b) Megali Prespa**

species	April BPUE (g/h)				May BPUE (g/h)				June BPUE (g/h)				mean annual BPUE (g/h)			
	mean	se	min	max	mean	se	min	max	mean	se	min	max	mean	se	min	max
<i>Alburnoides prespensis</i>	1.30	0.59	0.00	7.82	2.73	1.28	0.00	15.51	1.13	0.34	0.10	3.40	1.72	0.54	0.21	6.83
<i>Alburnus belvica</i>	8.95	3.09	0.00	41.92	51.50	15.06	3.65	166.97	48.22	5.84	19.95	85.91	36.22	6.57	14.58	93.66
<i>Barbus prespensis</i>	0.06	0.02	0.00	0.22	0.74	0.27	0.00	2.91	0.20	0.08	0.00	0.74	0.33	0.09	0.00	1.08
<i>Carassius gibelio</i>	0.72	0.43	0.00	5.07	1.30	0.57	0.00	6.83	0.25	0.23	0.00	3.01	0.76	0.25	0.00	6.83
<i>Chondrostoma prespense</i>	6.94	2.23	0.00	24.54	2.29	1.63	0.00	21.68	0.16	0.12	0.00	1.29	3.28	1.17	0.00	14.84
<i>Cyprinus carpio</i>	1.57	1.02	0.00	11.48	5.14	1.41	0.00	14.62	7.26	2.02	0.00	22.41	4.67	0.90	0.00	8.72
<i>Lepomis gibbosus</i>	0.12	0.08	0.00	1.03	0.37	0.16	0.00	1.61	1.42	0.77	0.00	10.15	0.64	0.30	0.03	3.95
<i>Rutilus prespensis</i>	30.84	7.05	0.82	72.06	104.88	22.90	8.77	304.21	11.10	3.10	2.06	44.32	48.94	8.58	10.04	103.31
<i>Squalius prespensis</i>	1.35	0.82	0.00	10.38	2.30	0.94	0.00	8.86	0.69	0.28	0.00	3.38	1.45	0.43	0.00	10.38
<b>Total</b>	<b>51.39</b>	<b>12.19</b>	<b>0.82</b>	<b>150.81</b>	<b>171.26</b>	<b>30.36</b>	<b>24.99</b>	<b>358.85</b>	<b>69.85</b>	<b>8.31</b>	<b>35.95</b>	<b>119.51</b>	<b>97.50</b>	<b>13.49</b>	<b>30.27</b>	<b>207.86</b>



**Fig. S1.** Violin plots depicting the distribution of water level values before and after the beginning of water management in 2005

*Cyprinus carpio*



**Fig. S2.** Time series of mean annual catches expressed as biomass per unit effort (BPUE), for *Cyprinus carpio* in Mikri Prespa along with mean spring water level (April-June).