

1 Table S1 - Indicator values (*IV*) outputs for each of the 4 biological clustering levels, for
2 every PEC. Clusters are identified with the same terminology and colour coding as in Figs. 1,
3 2 and 3. *IVs* and significance levels of *p*-values are shown besides each plankton group.
4 Groups, *IV* and *p*-values printed in italics are non-significant. *, ** and *** stand for $p < 0.05$,
5 $p < 0.01$, and $p < 0.001$, respectively.

Clust. Level B1			Clust. Level B2			Clust. Level B3			Clust. Level B4						
B1=5.8			B2=3.28			B3=2.89			B4=2.49						
	<i>IV</i>	<i>p</i>		<i>IV</i>	<i>p</i>		<i>IV</i>	<i>p</i>		<i>IV</i>	<i>p</i>				
Winter/Spring	Silico	80.9	***	Winter	Chaeto	50.0	***	Winter	Chaeto	46.5	***	Winter	Chaeto	43.1	***
	PE	69.1	***		GelF	48.1	**		GelF	36.3	**		GelF	30.3	*
	GelF	63.2	***		Rhi	37.8	**		Rhi	29.6	***		Rhi	25.8	***
	Cop	59.3	***		Nano	36.1	***		Nano	27.3	***		Nano	22.0	***
	Syn	51.4	***	Spring	Silico	52.6	*	Early Spring	Silico	49.9	***	Early Spring	Silico	38.6	***
	HB	51.3	***		PE	46.5	***		PE	42.1	**		PE	33.5	**
	Dino	50.2	**		Syn	44.8	*		Cil	31.3	**		Cil	24.7	**
	Cil	50.2	***		Dino	41.3	**	Late Spring	Syn	38.0	***	Late Spring	Syn	28.3	**
	<i>Nano</i>	<i>50.1</i>	<i>0.15</i>		Cop	39.8	**		Dino	31.5	*		<i>Cop</i>	<i>25.2</i>	<i>0.07</i>
Summer	Ptero	87.2	***	Cil	38.7	**	Cop		30.8	**	Dino		24.2	***	
	<i>SOZ</i>	<i>79.7</i>	<i>0.91</i>	HB	34.1	***	HB	26.3	***	HB	21.0	*			
	<i>Chaeto</i>	<i>72.6</i>	<i>0.91</i>	Summer	<i>SOZ</i>	<i>64.7</i>	**	Summer	Ptero	61.4	***	Summer	Ptero	60.0	***
	<i>Deca</i>	<i>63.1</i>	<i>0.12</i>		<i>Ptero</i>	<i>63.4</i>	<i>0.31</i>		<i>SOZ</i>	<i>56.9</i>	<i>0.24</i>		<i>SOZ</i>	<i>49.7</i>	<i>0.09</i>
	<i>GelC</i>	<i>60.5</i>	<i>0.96</i>		<i>Pro</i>	<i>45.9</i>	<i>0.05</i>		<i>Deca</i>	<i>35.4</i>	<i>0.06</i>		<i>Deca</i>	28.6	*
	Pro	59.5	**		Deca	43.2	*		Pro	34.3	***		Pro	27.4	**
	<i>Diat</i>	<i>56.4</i>	<i>0.60</i>		GelC	41.6	***		GelC	33.6	***		GelC	26.6	**
	Rhi	55.3	***		OSP	40.0	***		Diat	29.6	***		Diat	25.6	***
OSP	53.2	***	Diat		38.7	**	OSP		28.8	***	OSP		22.6	***	

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