

Emilio Moreno *et al.* Zooplankton dormant propagule dispersal by wind and rain near two aquatic systems. *Limnetica* 35 (2): 323-336 (2016)

SUPPLEMENTARY INFORMATION

Table S1. Results of models predicting the abundance of collected propagules; only models with a $\Delta AIC_c < 2$ are presented. Adj R^2 : adjusted R^2 (proportion of the variance explained); AICcW: model weight; norm: normality of residuals; cosw: cosine of wind direction; sinw: sine of wind direction; tem: temperature (log-transformed); wspeed: wind speed (log-transformed); rain: rainfall (log-transformed). No model selection was performed for the Doñana A collectors and the Doñana B wet collector due to the small number of propagules collected (see Table 1).

Resultados de los modelos predictivos de la abundancia de propágulos recogidos. Solamente se muestran aquellos modelos con un $\Delta AIC_c < 2$. Adj R^2 : R^2 ajustado (proporción de varianza explicada), AICcW: “peso” del modelo, norm: normalidad de los residuales, cosw: coseno de la dirección del viento, sinw: seno de la dirección del viento, tem: temperatura (log-transformada), wspeed: velocidad del viento (log-transformada), rain: precipitación (log-transformada). No se seleccionaron modelos para los colectores Doñana A y Doñana B húmedo debido a la poca cantidad de propágulos recogidos en ellos (ver Tabla 1).

Doñana B dry						Total dry (collectors A and B)					
	AICc	AICcW	Adj R ²	p	norm		AICc	AICcW	Adj R ²	p	norm
<i>Response variable: Zooplankton propagules + bryozoan statoblasts</i>	-62.72	0.38	0.40	0.02		<i>Response variable: Zooplankton propagules + bryozoan statoblasts</i>					
y= -0.36 + 0.08** cosw + 0.28** tem					yes	null model	-79.41	0.21	-	-	
						y= -0.16 + 0.03* cosw + 0.13* tem	-78.62	0.14	0.23	0.08	yes
						y= -0.09 + 0.01ns rain + 0.10ns tem	-77.73	0.09	0.18	0.12	yes
						y=0.05 - 0.01ns wspeed	-77.62	0.09	0.02	0.28	no
<i>Response variable: Zooplankton propagules</i>						<i>Response variable: Zooplankton propagules</i>					
y= -0.19 + 0.04** cosw + 0.16** tem	-80.78	0.31	0.40	0.02	yes	y=-0.06 + 0.01** cosw + 0.04** tem	-125.20	0.48	0.47	0.01	yes
y= -0.21 + 0.03* cosw + 0.01ns rain + 0.18** tem	-79.23	0.14	0.40	0.02	yes	y=-0.06 + 0.01* cosw + 0.002ns rain + 0.05** tem	-123.30	0.18	0.52	0.01	yes
<i>Response variable: Rotifer resting eggs</i>						<i>Response variable: Rotifer resting eggs</i>					
y=-0.17 + 0.04** cosw + 0.14* tem	-83.71	0.28	0.37	0.02	yes	y=-0.04 + 0.01** cosw + 0.03* tem	-126.13	0.28	0.37	0.02	yes
y=-0.18 + 0.03* cosw + 0.01ns rain + 0.16** tem	-81.78	0.11	0.43	0.03	yes						
Total Doñana B (dry and wet)						Total Doñana A-B (dry and wet)					
	AICc	AICcW	Adj R ²	p	norm		AICc	AICcW	Adj R ²	p	norm
<i>Response variable: Zooplankton propagules + bryozoan statoblasts</i>						<i>Response variable: Zooplankton propagules + bryozoan statoblasts</i>					
null model	-78.32	0.20	-			null model	-90.73	0.23	-	-	
y=-0.16 + 0.03* cosw + 0.14* tem	-77.60	0.14	0.23	0.08	yes	y=-0.10 + 0.02ns cosw + 0.09* tem	-89.40	0.12	0.20	0.10	no
y = 0.06 - 0.13ns wspeed	-77.46	0.13	0.08	0.16	no	y=-0.10 + 0.02ns cosw + 0.09* tem	-89.37	0.12	0.05	0.22	no
y=-0.07 + 0.05ns sinw + 0.10* tem	-76.95	0.10	0.20	0.11	yes						
<i>Response variable: Zooplankton propagules</i>						<i>Response variable: Zooplankton propagules</i>					
null model	-90.96	0.21	-			null model	-107.14	0.18	-	-	
y=-0.06 + 0.03ns sinw + 0.07* tem	-90.39	0.16	0.24	0.08	yes	y=-0.03 + 0.02* sinw + 0.04* tem	-106.90	0.16	0.26	0.07	yes
y=-0.03 + 0.03ns tem	-89.83	0.12	0.06	0.19	no	y= 0.03 - 0.05ns wspeed	-106.21	0.11	0.07	0.17	no
y= 0.04 - 0.07ns wspeed	-89.23	0.09	0.02	0.27	no	y=-0.06 + 0.01ns cosw + 0.05* tem	-105.93	0.10	0.21	0.10	no
						y=-0.02 + 0.02ns tem	-105.62	0.08	0.04	0.24	no
<i>Response variable: Rotifer resting eggs</i>						<i>Response variable: Rotifer resting eggs</i>					
null model	-92.35	0.21	-			null model	-107.75	0.21	-	-	
y=-0.06 + 0.03ns sinw + 0.07* tem	-91.99	0.18	0.25	0.07	yes	y= -0.03 + 0.02* sinw + 0.04* tem	-107.30	0.17	0.25	0.07	yes
y=-0.03 + 0.03ns tem	-90.98	0.11	0.05	0.22	no	y= 0.02 - 0.04ns wspeed	-106.60	0.12	0.06	0.19	no
y= 0.03 - 0.06ns wspeed	-90.63	0.09	0.02	0.02	no						

* $p < 0.05$, ** $p < 0.01$

