Supporting Information

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Table S1. Model selection for the effect of dropping the interaction of region with each variable and the effect of dropping variables in a backward stepwise manner

Variables	AIC	P value for retention
Interactions		
Full model	11794.14	
Region* body size	11786.39	0.509
Region* schooling behavior	11787.01	0.373
Region* depth range	11785.86	0.664
Region* multihabitat use	11791.01	0.704
Region* nocturnal activity	11787.62	0.276
Region* pelagic larval duration (PLD)	11795.10	**0.006**
Region* spawning Mode	11785.47	0.809
Single factors		
Region*PLD + body size + schooling + nocturnal + depth + spawn + habitat	11781.22	
Region*PLD + body size + schooling + nocturnal + depth + spawn	11779.84	0.677
Region*PLD + body size + schooling + nocturnal + depth	11778.20	0.326
Region*PLD + body size + schooling + nocturnal	11779.92	0.060
Region*PLD + body Size + schooling	11784.63	**0.009**
Region*PLD + body Size + nocturnal	11788.85	**<0.001**
Region*PLD + schooling + nocturnal	11817.86	**<0.001**

The selected model (only significant variables retained) is indicated in bold. The P value shown in each line refers to the significance for the retention of the factor excluded. Shown are Akaike information criteria (AIC) and significance (P value). P values in bold are significant ($P < 0.05$).

Other Supporting Information Files

Dataset S1 (PDF)