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Ecophenotypic plasticity *versus* evolutionary trends – Morphological variability in Upper Jurassic bivalve shells from Portugal

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Fig. S1

Population plot of *Arcomytilus morrisii* from the Cabo Mondego, Cabaços, and Alcobaça formations. Number of shell outlines (N) is indicated in brackets. Populations with $N \geq 3$ are displayed as convex hulls. Abbreviations according to Tables 1-2.

Fig. S2

Population plot of *Arcomytilus morrisii* from the Sobral member. Number of shell outlines (N) is indicated in brackets. Populations with $N \geq 3$ are displayed as convex hulls. Abbreviations according to Tables 1-2.

Fig. S3

Population plot of *Arcomytilus morrisii* from the Arranhó I and Arranhó II members. Number of shell outlines (N) is indicated in brackets. Populations with $N \geq 3$ are displayed as convex hulls. Abbreviations according to Tables 1-2.

Fig. S4

Population plot of *Isognomon rugosus* specimens preserved as moulds from the Cabo Mondego, Cabaços, and Alcobaça formations. Number of shell outlines (N) is indicated in brackets. Populations with $N \geq 3$ are displayed as convex hulls. Abbreviations according to Tables 1-2.

Fig. S5

Specimens with shell preservation from the Alcobaça formation. Number of shell outlines (N) is indicated in brackets. Populations with $N \geq 3$ are displayed as convex hulls. Abbreviations according to Tables 1-2.

Fig. S6

Population plot of *Isognomon lusitanicus* from the Sobral member. Number of shell outlines (N) is indicated in brackets. Populations with $N \geq 3$ are displayed as convex hulls. Abbreviations according to Tables 1-2.

Fig. S7

Population plot of *Isognomon lusitanicus* from the Arranhó I and Arranhó II members. Number of shell outlines (N) is indicated in brackets. Populations with $N \geq 3$ are displayed as convex hulls. Abbreviations according to Tables 1-2.

Fig. S8

Population plot of *Eomiodon securiformis* from the Alcobaça formation. Number of shell outlines (N) is indicated in brackets. Populations with $N \geq 3$ are displayed as convex hulls. Abbreviations according to Tables 1-2.

Fig. S9

Population plot of *Eomiodon securiformis* from the Sobral member. Number of shell outlines (N) is indicated in brackets. Populations with $N \geq 3$ are displayed as convex hulls. Abbreviations according to Tables 1-2.

Fig. S10

Population plot of *Eomiodon securiformis* from the Arranhó I and Arranhó II members. Number of shell outlines (N) is indicated in brackets. Populations with $N \geq 3$ are displayed as convex hulls. Abbreviations according to Tables 1-2.