**The relationships between land cover, climate and cave copepod spatial distribution and suitability along the Carpathians**

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**APPENDIX 1**

**Table S**1 Copepod distribution data set.



**Table S2** Frequencies and frequencies classes (high, moderate, low) used to predict copepod habitat suitability.





**Figure S1** Habitat suitability map for *Bryocamptus (Limocamptus)* sp. Black triangles = current specimen records. Predicted suitable habitats are represented in red (high probability of taxa occurrence), yellow (moderate probability of taxa occurrence) and blue dots (low probability of taxa occurrence).



**Figure S2** Habitat suitability map for *Bryocamptus (Rheocamptus)* sp. Black triangles = current specimen records. Predicted suitable habitats are represented in red (high probability of taxa occurrence), yellow (moderate probability of taxa occurrence) and blue dots (low probability of taxa occurrence).



**Figure S3** Habitat suitability map for *Megacyclops viridis*. Black triangles = current specimen records. Predicted suitable habitats are represented in red (high probability of taxa occurrence), yellow (moderate probability of taxa occurrence) and blue dots (low probability of taxa occurrence).



**Figure S4** Habitat suitability map for *Elaphoidella* sp. Black triangles = current specimen records. Predicted suitable habitats are represented in red (high probability of taxa occurrence), yellow (moderate probability of taxa occurrence) and blue dots (low probability of taxa occurrence).



**Figure S5** Habitat suitability map for *Spelaeocamptus spelaeus*. Black triangles = current specimen records. Predicted suitable habitats are represented in red (high probability of taxa occurrence), yellow (moderate probability of taxa occurrence) and blue dots (low probability of taxa occurrence).