

2nd INTERNATIONAL WORKSHOP - PROGRAM

Conservation strategies for freshwater mussels:
From analyzing habitat and food preferences to restocking
and establishment of conservation programs

Tuesday 09th March - Wednesday 10th March 2021

With an included special session about a German decision-support tool developed in ArKoNaVera project. – Further information in program table.

Inklusive einer Sondersession in Deutscher Sprache bezüglich eines Entscheidungshilfe-Tools, das im Rahmen des Projekts ArKoNaVera entwickelt wurde.



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Tuesdays, 9th March 2021

9:30 – 10:00	Log-In
10:00 – 11:00	Berendonk, Thomas (<i>Institute of Hydrobiology, Technische Universität Dresden, Germany</i>) Six years ArKoNaVera – Conservation strategies for <i>M. margaritifera</i> and <i>U. pictorum</i> in Germany
	Geist, Jürgen* ; Bayerl, H ; Kühn, R (* <i>Aquatic Systems Biology Unit, Technische Universität München, Germany</i>) Genetic characterization and conservation management implications for <i>Margaritifera margaritifera</i> and <i>Unio pictorum</i>
11:00 – 11:20	Coffee break
11:20 – 12:20	Denic, Marco* ; Kotz, C (* <i>Landschaftspflegeverband Passau, Germany</i>) Results of the project ArKoNaVera in Lower Bavaria
	Dail, Daniel* ; Gumpinger, C (* <i>Consultants in Aquatic Ecology and Engineering (blattfisch e.U.) – Wels, Austria</i>) Conservation of freshwater pearl mussels (<i>Margaritifera margaritifera</i>) in Austria: challenges and preservation strategies
12:20 – 14:00	Lunch break
14:00 – 15:00	Taskinen, Jouni* ; Suonia, H ; Pakkala, J ; Mäenpää, E ; Leppänen, J ; Vähä, J-P ; Nykänen, S ; Oulasvirta, P ; Jakobsen, P (* <i>Department of Biological and Environmental Science, University of Jyväskylä, Finland</i>) Feeding before breeding—captive rehabilitation of non-reproducing freshwater pearl mussels
	Sousa, Ronaldo* ; Nogueira, J.G ; Lopes-Lima, M ; Varandas, S ; Teixeira, A (* <i>CBMA - Centre of Molecular and Environmental Biology, University of Minho, Portugal</i>) Extreme climatic events as a threat to pearl mussel populations in southern Europe
15:00 – 15:20	Coffee break
15:20 – 16:20	Wagner, Annetrin (<i>Institute of Hydrobiology, Technische Universität Dresden, Germany</i>) Factors affecting survival and growth of juvenile and semi-adult freshwater pearl mussels in Vogtland rivers
	Vaughn, Caryn C. (<i>Biological Survey and Department of Zoology, University of Oklahoma, United States</i>) The functional ecology of freshwater mussels

Wednesday, 10th March 2021

9:30 – 10:00	Log-In
<p>Session in Deutsch /Special Session in German to the decision-support tool developed in ArKoNaVera</p> <p><i>ArKoNaVera-Entscheidungshilfewerkzeug (EHW): Von der GIS-basierten Karte zum Mikrohabitat: Ein Verfahren zur Priorisierung von Gewässerabschnitten für die Wiederbesiedlung mit Flussperlmuscheln</i></p>	
10:00 – 10:15	<p>Schmidt, Thomas*; Haas, S; Jöckel, L (* WAGU - Gesellschaft für Wasserwirtschaft, Gewässerökologie & Umweltplanung, Germany)</p> <p>Möglichkeiten und Grenzen der GIS-gestützten Auswahl von für die Wiederbesiedlung mit Flussperlmuscheln geeigneten Gewässern</p>
10:15 – 10:30	<p>Wagner, Annetrin*, Linke, D (* Institute of Hydrobiology, Technische Universität Dresden, Germany)</p> <p>Prioritäre Auswahlkriterien und Vor-Ort-Kartierung zur Identifizierung geeigneter Mikrohabitate für die Wiederbesiedlung mit Flussperlmuscheln</p>
10:30 – 10:45	Allgemeine Diskussion und Fragen zum EHW
10:45 – 11:00	<p>Arnecke, Jördis (Fraunhofer Center for International Management and Knowledge Economy IMW, Germany)</p> <p>Vorstellung der Online-Umfrage zur Evaluierung der Anwendung des EHW</p>
11:00 – 11:20	Coffee break
11:20 – 12:20	<p>Moorkens, Evelyn (Department of Zoology, Trinity College, Dublin, Ireland)</p> <p>Monitoring populations of the freshwater pearl mussel <i>Margaritifera margaritifera</i> - Using monitoring tools to assist with the design and check the success of catchment management measures</p>
	<p>Lavictoire, Louise*; West, C.D (* Freshwater Biological Association, The Ferry Landing, Far Sawrey, Ambleside, Cumbria, UK)</p> <p>Designing a reinforcement programme for the freshwater pearl mussel (<i>Margaritifera margaritifera</i>) in the River Irt (NW England)</p>

12:20 – 14:00	Lunch break
14:00 – 15:00	Eissenhauer, Felix (<i>Institute of Hydrobiology, Technische Universität Dresden, Germany</i>) Using passive integrated transponder (PIT) tags to monitor migration and habitat choice of reintroduced freshwater pearl mussels
	Jacobsen, Per J. (<i>Department of Biology, University of Bergen, Norway</i>) Ten years with captive breeding in Norway - Problems and their solutions
15:00 – 15:20	Coffee break
15:20 – 16:20	Grunicke, Felix (<i>Institute of Hydrobiology, Technische Universität Dresden / Department River Ecology, Helmholtz Centre for Environmental Research GmbH – UFZ, Germany</i>) Optimization of captive breeding conditions by analyzing the food composition of freshwater pearl mussels
	Ackerman, Josef (<i>Department of Integrative Biology, University of Guelph, Canada</i>) Environmental requirements and feeding of juvenile unionid freshwater mussels: Insights from physical ecology
16:20 – 16:30	Berendonk, Thomas (<i>Institute of Hydrobiology, Technische Universität Dresden, Germany</i>) Official farewell

For registration: please send a mail to luise.richter2@tu-dresden.de until March 3rd, 2021 with following information: First name, Surname, Institution & Country

For further information, please contact our organization team

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Mussels help our water.
We help mussels.