



**UNIVERSITY  
OF CRETE**

# 10<sup>th</sup> Euromal

15-20 September 2024  
Heraklion, Crete

## Conference program



## Monday 16/09/2024

9.00-9.30	<b>Welcome &amp; opening remarks</b>
<b>Chair: Edmund Gittenberger</b>	
9.30-10.15	<b>Invited speaker: Julia D. Sigwart</b> <b>What do whole genomes tell us about molluscan evolution?</b>
10.15-10.30	<b>D. Vázquez-Alcaide:</b> On the rise of Heterobranchia (Mollusca: Gastropoda): a thorough insight using genomic tools
10.30-10.45	<b>J. Moles:</b> The Slug Lab – Complementary molecular tools for exploring the systematics and radiation of Heterobranchia
10.45-11.00	<b>J. Fernández-Simón:</b> From marine sands to terrestriality: phylogenomics shed light on the evolutionary pathway of the minute Acochlidia slugs (Gastropoda: Heterobranchia)
11.00-11.15	<b>M. Garzia:</b> Multilocus phylogenetic assessment of species and lineages of rock oysters ( <i>Saccostrea</i> Dollfus & Dautzenberg, 1920) across the Indo-Pacific Ocean
11.15-11.30	<b>E.M. Mellado:</b> Diversity, composition and distribution pattern of marine gastropods in the Cape Verde islands (West Africa)
11.30-11.45	<b>15-minute Coffee break</b>
<b>Chair: Bernhard Hausdorf</b>	
11.45-12.00	<b>P.N. Lampri:</b> Using ultra-conserved elements (UCEs) to clarify problems in respect to gastropod phylogeny
12.15-12.30	<b>M. Pročków:</b> Integrative taxonomy helps uncover hidden diversity of dart-bearing land snails of <i>Hygromia</i> Risso, 1826 (Gastropoda: Hygromiidae: Hygromiini)
12.30-12.45	<b>E. Somoza-Valdeolmillos:</b> Insights into the systematics of the Iberian land snail genus <i>Iberus</i> s. l. (Stylommatophora: Helicidae) inferred from molecular multilocus data: new taxonomical proposal
12.45-13.00	<b>E. Becher:</b> Phylogeny and species delimitation in <i>Albinaria</i> from western Crete (Gastropoda: Clausiliidae)
13.00-13.15	<b>S. Kafimola:</b> East Asian <i>Parakaliella harimensis</i> is in fact <i>Euconulus</i> of a remarkable genetic diversity
12.00-12.15	<b>I.K. Ezzine:</b> Molecular characterisation of some Cernuellini Schileyko, 1991 (Geomitridae, Helicellinae), from Tunisia with description of <i>Sabessebia</i> nov. gen.
13.15-15.00	<b>Lunch break</b>
<b>Chair: Joris M. Koene</b>	
15.00-15.45	<b>Invited speaker: Diana Delicado</b> Using integrative phylogenetic approaches for inferring species richness, macroevolution and extinction risk in continental aquatic gastropods
15.45-16.00	<b>J. Reis:</b> Conservation status and prospects of freshwater molluscs in the Iberian Peninsula
16.00-16.15	<b>L. Eggleton:</b> Trail Watch: Investigating Gastropod Mucus Trails using Optical Profilometry
16.15-16.30	<b>J.M.C. Hutchinson:</b> Mating behaviour of six species of terrestrial slug in the genus <i>Lehmannia</i>
16.30-16.45	<b>W.S. Peters:</b> The “slow(est) smart”: predator-induced freezing in <i>Pachyoliva</i>
16.45-17.00	<b>15-minute Coffee break</b>
<b>Special Session: Ecology and Palaeoecology of non-marine molluscs</b>	
17.00-19.00	<b>R. Coufal:</b> Distribution and ecology of three habitat-specialized terrestrial snail species of the genus <i>Vertigo</i> (Gastropoda: Eupulmonata: Vertiginidae) in Europe
	<b>V. Horsáková:</b> On the way to the Carpathians: Postglacial colonization dynamics of two rock-dwelling snails based on genes and fossils
	<b>C. Richter:</b> Gastropods as climatic indicators: Insights from Southern Caucasian loess sequences
	<b>Q. Wackenheim:</b> Ecology and distribution of the terrestrial molluscs living in the ‘Catacombs of Paris’ (France)

Phylogenetics of molluscs: from morphology to the molecular era	Saving molluscs: conservation and climate change
The slow smarts: behavior of molluscs	<b>Special Session</b> Ecology and Palaeoecology of non-marine molluscs

## Tuesday 17/09/2024

<b>Chair: Didier Merle</b>	
<b>9.30-10.15</b>	<b>Invited speaker: Mathias Harzhauser</b> The Miocene roots of the Circum-Mediterranean gastropod diversity – the combined terrestrial and marine record
<b>10.15-10.30</b>	<b>T. Hauffe:</b> Distinguishing occupancy from sampling biases to infer the extinction dynamics of marine bivalves over 450 million years
<b>10.30-10.45</b>	<b>P. Lukeneder:</b> Review of the coleoid fauna from the Late Triassic Polzberg Konservat-Lagerstätte (Lower Austria, Northern Calcareous Alps)
<b>10.45-11.00</b>	<b>N. Limondin-Lozouet:</b> Plio-Pleistocene continental molluscs from the Bresse (Eastern France): early steps in the reappraisal of J.J. Puisségur's collection
<b>11.00-11.15</b>	<b>D. Protopapas:</b> Lower Pleistocene Freshwater Mollusk from the sedimentary basin of Sousaki Ag. Theodoroi, Greece
<b>11.15-11.30</b>	<b>C. Psarras:</b> Revisiting Conidae evolution: Present insights and future challenges in taxonomy and palaeobiogeography
<b>11.30-11.45</b>	<b>15-minute Coffee break</b>
<b>Special Session: Mollusca in Museum Collections: from sampling to storing</b>	
<b>11:45-13:15</b>	<b>D. Merle:</b> The type room of the fossil invertebrate collection at the Muséum National d' Histoire Naturelle in Paris
	<b>D. Thivaoui:</b> Re-organising a type collection
	<b>E. Koskeridou:</b> Enhancing collection data management at the Museum of Paleontology and Geology of Athens in the European DiSSCo Research Infrastructure era
	<b>P. Lukeneder:</b> Long lost type material resurfaces in the discovered Heinrich Hauffen Collection in Vienna, Austria (University of Natural Resources and Life Sciences, BOKU)
	<b>N. Lentge-Maaß:</b> Lifting the dust – digitizing an entire Mollusc collection
	<b>M. Bošnjak:</b> Towards the new Croatian Natural History Museum – Fossil molluscs collections under pressure
<b>13.15-15.00</b>	<b>Lunch break</b>
<b>Chair: Giambattista Bello</b>	
<b>15.00-15.45</b>	<b>Invited speaker: Edmund (Edi) Gittenberger</b> Malacological data from the past, some leftovers for Greece
<b>15.45-16.00</b>	<b>G. Bello:</b> Evolution of sexuality in Sepiolinae (Cephalopoda: Sepiolidae)
<b>16.00-16.15</b>	<b>D. Botka:</b> Lymnaeid gastropods of the late Miocene Lake Pannon (Pannonian Basin, Central Europe): taxonomic revision and their biostratigraphic and palaeoenvironmental importance
<b>16.15-16.30</b>	<b>N. Delcour:</b> Mitochondrial data reveals a high genetic diversity in the alien oyster <i>Dendostrea</i> sp. (Mollusca: Ostreidae) spreading in the Eastern Mediterranean Sea
<b>16.30-16.45</b>	<b>D. Koutsoubas:</b> Notes on the size and maturity of the species <i>Rondeletiola minor</i> and <i>Sepietta oweniana</i> (Cephalopoda: Sepiolidae) in the Eastern Mediterranean
<b>16.45-17.00</b>	<b>15-minute Coffee break</b>
<b>17.00-17.15</b>	<b>I.A. Ekimova:</b> Survivors of the Ice Ages: Phylogeographic patterns and population dynamics of trans-Arctic nudibranch species
<b>17.15-17.30</b>	<b>J.C.G. Galindo:</b> Planktotrophy vs. lecithotrophy: a study of three <i>Cone</i> snail species reproduction
<b>17.30-19.00</b>	<b>Poster presentations</b>

Understanding the past of our planet: molluscs in paleontology	<b>Special Session</b> Ecology and Palaeoecology of non-marine molluscs
Molluscs in space and time: Diversity Evolution Ecology and Biogeography	

## Thursday 19/09/2024

<b>Chair: Barna Páll-Gergely</b>	
<b>9.30-10.15</b>	<b>Invited speaker Mary B. Seddon</b> Mainstreaming Mollusc Conservation into Biodiversity Planning
<b>10.15-10.30</b>	<b>S. Giokas:</b> Reconstructing the evolutionary history of continental <i>Zonites</i> : phylogeography, morphometrics, and environmental influences
<b>10.30-10.45</b>	<b>R. Lorente:</b> Niche-based modelling and geographical analysis to assess the influence of climate change on the terrestrial gastropod <i>Elona quimperianain</i> Spain
<b>10.45-11.00</b>	<b>A. Örstan:</b> Land snails of Izmir (Türkiye) and its environs from 1839 to 2024
<b>11.00-11.15</b>	<b>M. Horsák:</b> Non-marine gastropods of Iceland: biogeographical affinity and glacial analogy
<b>11.15-11.30</b>	<b>F. Lambert:</b> Snails in the Zoo – visitors or residents?
<b>11.30-11.45</b>	<b>15-minute Coffee break</b>
<b>Chair: Martin Haase</b>	
<b>11.45-12.00</b>	<b>S. Gofas:</b> How adverse are Mediterranean waters to the deep-sea fauna? A study of the Gibraltar exchange based on Mollusca from the "BALGIM" expedition
<b>12.00-12.15</b>	<b>A. Örstan:</b> Diversity of marine snails at Phaselis in southern Türkiye
<b>12.15-12.30</b>	<b>B. Hausdorf:</b> Mitonuclear incompatibility contributes to the persistence of <i>Helix thessalica</i> in the <i>Helix pomatia</i> range
<b>12.30-12.45</b>	<b>B. Páll-Gergely:</b> Recurrent evolution of breathing microtunnel system in terrestrial operculate snails (Gastropoda: Caenogastropoda: Cyclophoroidea)
<b>12.45-13.00</b>	<b>H. Reise:</b> The enigmatic <i>Deroceras klemmi</i> , a puzzle resolved
<b>13.00-13.15</b>	<b>E. Demont:</b> Effects of foliar pathogens and insects on mollusc abundance in grassland
<b>13.15-15.00</b>	<b>Lunch break</b>
<b>Chair: Julia Sigwart</b>	
<b>15.00-15.45</b>	<b>Invited speaker Robert Cameron</b> Why are there so many kinds of snail?
<b>15.45-16.00</b>	<b>R.B. Salvador:</b> South American terrestrial gastropods: past, present and future
<b>16.00-16.15</b>	<b>T. Saito:</b> Revision of the Holarctic genus <i>Perpolita</i> (Gastropoda: Gastrodontiidae) and its diversification through time
<b>16.15-16.30</b>	<b>E.Š. Vukšić:</b> Exploring the Genome's Dark Matter: The Impact of Satellite DNAs and Transposable Elements on the Architecture and Evolution of Oysters' Genomes
<b>16.30-16.45</b>	<b>M. Duda:</b> The mollusc fauna of the Vienna woods, Viennese municipal part: a synopsis
<b>16.45-17.00</b>	<b>15-minute Coffee break</b>
<b>17.00-17.15</b>	<b>J.E. Uribe:</b> Disentangling the species boundaries of Indo-Pacific cone snail complexes (Neogastropoda: Conoidea) using a genomic approach
<b>17.15-17.30</b>	<b>K. Vardinoyannis:</b> Changes in terrestrial malacofauna of the Aegean islands during Holocene
<b>17.30-19.00</b>	<b>Poster presentations</b>

**Friday 20/09/2024**

<b>Chair: Vasilis Michailidis</b>	
<b>9.30-10.15</b>	<b>Invited speaker Joris M. Koene</b> Socially transferred materials in molluscs
<b>10.15-10.30</b>	<b>M.J. Tenorio:</b> Comparative venom study of <i>Lautoconus ventricosus</i> populations from the Eastern and Western Mediterranean
<b>10.30-10.45</b>	<b>C. Leite:</b> Rare Earth Elements and Warming: Implications for Adult Mussel Health and Sperm Quality
<b>10.45-11.00</b>	<b>P. Jakubiak:</b> Effects of antidepressant water pollution on freshwater mussels: A climate change scenario
<b>11.00-11.15</b>	<b>M. V. Sanches:</b> Subcellular effects of imidazolium-based ionic liquids with varying anions on the marine bivalve <i>Mytilus galloprovincialis</i>
<b>11.15-11.30</b>	<b>A. Cuccaro:</b> Interplay of UV-filter pollution and temperature rise scenarios on <i>Mytilus galloprovincialis</i> health: unveiling sperm quality and adult physiology, biochemistry, and histology insights
<b>11.30-11.45</b>	<b>15-minute Coffee break</b>
<b>Chair: Mary Seddon</b>	
<b>11.45-12.00</b>	<b>E. Georgopoulou:</b> Monitoring molluscan diversity of Cretan fresh waters
<b>12.00-12.15</b>	<b>N. Kassari:</b> A precious gem of the freshwater biodiversity of Greece
<b>12.15-12.30</b>	<b>S.C. Moran:</b> Octopus Optics and Mussel Memories: communicating and contextualising mollusc conservation research through artistic projects outside the museum
<b>12.30-12.45</b>	<b>K. Svobodová:</b> The importance of coarse woody debris and beech trees for land snail diversity in managed spruce forests
<b>12.45-13.00</b>	<b>C.K. Doxa:</b> The effect of acclimation at four developmental stages, under four temperature regimes, on the development of deformities during the embryonic stages of <i>Charonia sequeenzae</i> (Aradas & Benoit, 1870)
<b>13.00-13.15</b>	<b>A. Herráez-Pérez:</b> Unravelling the origin and evolution of conotoxin diversity in cone snails through a comparative genomic approach
<b>13.15-15.00</b>	<b>Lunch break</b>
<b>Special Session: Malacology: from ecosystem services to one health promotion</b>	
<b>15.00-16.45</b>	<b>S. D'ávila:</b> How species concept can affect the conservation of freshwater snails? Exploring ecological niche modeling and coalescent species delimitation approaches in Physidae and Lymnaeidae (Hygrophila)
	<b>L.F. Tallarico:</b> Molluscs in environmental analyses: from biomonitoring to ecotoxicological assays
	<b>S. Santos:</b> Initiatives of the Brazilian Society of Malacology in addressing the theme of One Health
	<b>S. Santos:</b> "Balbúrdias Malacológicas" strikes again: the importance of Education for Health and Conservation
<b>16.45-17.00</b>	<b>15-minute Coffee break</b>
<b>Chair: Robert A.D. Cameron</b>	
<b>17.00-17.15</b>	<b>R.F. Ali:</b> Natural Distribution of Terrestrial Gastropods in Delta Region and its impact on food security in Egypt
<b>17.15-17.30</b>	<b>B. Hausdorf:</b> Distribution patterns of established alien land snail species in the Western Palaearctic Region
<b>17.30-17.45</b>	<b>J. Hradečný:</b> Aquatic Guardians: The Role of <i>Corbicula fluminea</i> in Reducing Pathogen Spread
<b>17.45-18.00</b>	<b>Á. Turóci:</b> Slugs of Hungary – an identification guide
<b>18.00-18.15</b>	<b>K. Lesiak:</b> Imported ornamental molluscs as a source of Digenea larvae – preliminary research results
<b>18.15-18.30</b>	<b>A.S. Nurinsyah:</b> Ethnomalacology: bridging biological diversity and traditional knowledge on Mollusca
<b>18.30-19.00</b>	<b>Awards - Acknowledgments</b> <b>Announcing the location of the next conference</b>

Functional molluscs: from chemistry to physiology	The modern raid: invasive molluscs
Saving molluscs: conservation and climate change	Molluscs for the citizens
Molluscs in a polluted planet: ecotoxicology of molluscs	



**UNIVERSITY  
OF CRETE**



**10<sup>th</sup> Euromal**  
15-20 September 2024  
Heraklion, Crete

