

Monday, 1 <sup>st</sup> August 2022				
Morning Session I	Large lecture hall B00.019	Lecture hall B01.019	Lecture hall B01.027	Lecture hall G00.001
08:40 - 09:00	Haszprunar G, Leister D & Wörheide G: Welcome & opening remarks			
<b>Plenary I (PLE-I)</b>				
09:00 - 09:45	Böhm M: Meeting of generations: how our past efforts in mollusc conservation can steer the young malacologists of the future			
<b>Plenary II (PLE-II)</b>				
09:45 - 10:30	Ebbestad J: Evolutionary crossroads - molluscan evolution during the early Palaeozoic			
10:30 - 10:45	Coffee break			
Morning Session II	<b>Exploration, biodiversity and systematics of molluscs - A symposium in honour of Philippe Bouchet (EBS)</b>	<b>Mollusc evolutionary history (MEH)</b>	<b>American Malacological Society president's symposium: Molluscan conservation (AMS) - Marine session</b>	<b>Open session – Species delineation (SPD)</b>
	Chair: Yuri Kantor	Chair: Alexander Nützel	Chair: Kelli DeLeon	Chair: Katharina Jörger
10:45 – 11:05	Puillandre N: A life in numbers: Introduction to the symposium in honor of Philippe Bouchet	<b>KEYNOTE</b> - Roden VJ: The rise of complex marine ecosystems and the role of mollusks in the Triassic	<b>KEYNOTE</b> - Goulding TC: Mangrove molluscs in the Indo-West Pacific in need of assessment for conservation	Chueca LJ: Whole-genome analyses of <i>Canididula</i> (Gastropoda: Geomitridae) reveals the speciation and population structure of the genus
11:05 – 11:25	Strong EE: New Caledonia, mon amour			von Oheimb PV: Diversity of the land snail genus <i>Cyclophorus</i> (Caenogastropoda, Cyclophoridae) in Southeast and East Asia: spatial patterns and underlying mechanisms
11:25 – 11:45	Haase M: Do snails from springs and groundwater provide a new perspective on New Caledonian biogeography?	Kiel S: Seals, whales, and the decline of Cenozoic nautiloid cephalopods	Molloy AM: Red Listing can protect UK Overseas Territories marine biodiversity	Yamazaki D: Diversification of <i>Littorina horikawai</i> endemic in the western coast of Kyushu, Japan
11:45 – 12:05	Richling I: New campaign of land snail research on New Caledonia with first results on Helicinidae	Pindakiewicz M: First Cretaceous cephalopod statoliths and the evolution of decabranhians	DeLeon KL: Taxonomic investigation of Teredinidae in the Hawaiian Islands: resolving relationships needed to inform conservation	Kneubühler J: How many species? Limits of species concepts in the genus <i>Trochulus</i> (Gastropoda, Eupulmonata, Hygromiidae)
12:05 – 12:25	Wilke T: Did humans silently extinguish sessility in freshwater gastropods?	Pohle A: Bayesian inference of early Palaeozoic cephalopod evolution	Peters WS: How scientific amnesia threatens biodiversity — a case involving aquatic gastropod	Reise H: Five slug species confused under the name <i>Limax nyctelius</i>
12:25 -14:00	Lunch break			
Afternoon Session I	<b>Exploration, biodiversity and systematics of molluscs - A symposium in honour of Philippe Bouchet (EBS)</b>	<b>Mollusc evolutionary history (MEH)</b>	<b>American Malacological Society president's symposium: Molluscan conservation (AMS) - Freshwater session</b>	<b>Open session – Environmental stress/ adaptation (ENV)</b>
	Chair: Nicolas Puillandre	Chair: Thomas Neubauer	Chair: Kenneth Hayes	Chair: tba
14:00 – 14:20	Kano Y: Bouchet's theory — vertical migration and surface dispersal of planktotrophic larvae from the deep sea — applies to hydrothermal vent endemics	Seuss B: A <i>Nautilus</i> and the history of its taphonomy	<b>KEYNOTE</b> - Zieritz A: State and fate of Borneo's freshwater mussel diversity	Wink J: Studies on the microbiom of <i>Crassostrea gigas</i>
14:20 – 14:40	Oliverio M: Larval shells and poecilogony in gastropods: how has our perception changed since 1970s?	Karapunan B: Phylogeny and evolutionary history of Pleurotomariida (slit shells)		Funesto EGM: Combined effects of heatwave and toxic algal bloom on the pacific oysters, <i>Crassostrea gigas</i>
14:40 – 15:00	Bank RA: On the history of MolluscaBase, and on a modern Linnean apostle	Nützel A: After the catastrophe - gastropods in the Early Triassic: new insights	Hayes KA: Conservation status of Hawaii's freshwater Lymnaeidae	Sayco SL: Reproduction in the giant clam <i>Tridacna gigas</i> is compromised during bleaching stress
15:00 – 15:20	Cowie RH: My time at the MNHN 2002-2022: curation, extinction and Philippe Bouchet	Ishiyama G: Geographic distance matters: diversification process in the deep-sea snail genus <i>Bathyanicstrolepis</i> (Gastropoda: Buccinidae)	Pfeiffer J: What digitized natural history collections data can (and can't) tell us about US freshwater mussel diversity, distribution, and decline	Rugila AL: Plasticity in energy budgeting as an adaptive response to environmental stress in larval and juvenile clams ( <i>Mercenaria mercenaria</i> )
15:20 – 15:40	Samadi S: From MUSORTSOM to Our Planet reviewed, the role of Philippe Bouchet in the modern development of naturalistic exploration	Das SS: Change in diversity patterns across the Eocene-Oligocene boundary of Kutch Basin, Western India: a molluscan perspective	Perez KE: Cave and spring snails: providing the evidence for effective conservation of groundwater-obligate snails	Park JK: Genomic adaptation shapes holobiont metabolism in deep-sea hydrothermal vent mussels
15:40 - 15:55	Coffee break			
Afternoon Session II	<b>Exploration, biodiversity and systematics of molluscs - A symposium in honour of Philippe Bouchet (EBS)</b>	<b>Mollusc evolutionary history (MEH)</b>	<b>American Malacological Society president's symposium: Molluscan conservation (AMS) - Freshwater session</b>	<b>Open session – Environmental stress/ adaptation (ENV)</b>
	Chair: Nicolas Puillandre	Chair: Imelda Hausmann	Chair: Bonnie Derne	Chair: tba
15:55 – 16:15	Kantor YI: Forty three years from <i>Lyria kuniene</i> (Bouchet, 1979)	Oropo AO: Effects of mucin and haemolymph of African giant land snail ( <i>Archachatina marginata</i> ) on cardiac function of toad ( <i>Bufo regularis</i> )	Perez KMG: Mollusk diversity patterns in the seven tropical Maar Lakes of San Pablo City, Laguna, Philippines	Cetin C: Genomic relatedness matrix-based heritability of immune function in the pond snail <i>Lymnaea stagnalis</i>
16:15 – 16:35	Tenorio MJ: Contributions to the knowledge of New Caledonia deep water cone snail fauna	Ezzine IK: Taxonomic revision of the genus <i>Xerosecta</i> , Monterosato, 1892	Sjönberg T: Effect of low dissolved oxygen on the survival of juvenile <i>Margaritifera margaritifera</i> : hypoxia tolerance ex situ	Adema CM: Ecoimmunology of <i>Physella acuta</i> (Gastropoda, Panpulmonata, Hygrophila)
16:35 – 16:55	Albano PG: The challenges of describing the collapse of marine invertebrate diversity	Wieneke U: Aporrhaidae, their evolution from Rupelian, Oligocene onwards	Bogan AE: A review of the freshwater mussels (Bivalvia: Unionoidea) of Vietnam	Tallarico L: Ecotoxicological assays employing the freshwater gastropod <i>Biomphalaria glabrata</i> (Say, 1818)
16:55 – 17:15	Meyer CP: How much diversity do we need to sample to eliminate dark taxa?	Zhang G: Bradybaeninae snails from East Asia are less diverged than other Camaenidae	Derne BT: Understanding snail symbionts and their role in conservation	Fuchs LRL: Genetic limits of phenotypic plasticity – genome comparison of two ecotypes of <i>Theodoxus fluviatilis</i>

**Tuesday, 2<sup>nd</sup> August 2022**

Morning Session I	Large lecture hall B00.019	Lecture hall B01.019	Lecture hall B01.027	Lecture hall G00.001
09:00 - 09:45	<b>Plenary III (PLE-III)</b> Cunha TJ: The contributions of genomics for understanding the phylogeny, ecology and evolution of molluscs			
09:45 - 10:30	<b>Plenary IV (PLE-IV)</b> Wanninger A: Here's to the Next Generation Scientists: How to navigate the rocky road towards a scientific career – experiences made and lessons learned from a legend in malacology			
10:30 - 10:45	Coffee break			
Morning Session II	<b>Exploration, biodiversity and systematics of molluscs - A symposium in honour of Philippe Bouchet (EBS)</b>	<b>Continental molluscs facing environmental changes (CON)</b>	<b>American Malacological Society president's symposium: Molluscan conservation (AMS) - Terrestrial session</b>	<b>Mollusc evolutionary history (MEH)</b>
10:45 – 11:05	Chair: Yuri Kantor	Chairs: Lucie Juříčková, Salomé Granai, Quentin Wackenheim, Ondřej Korábek	Chair: Frank Köhler	Chair: Vanessa Roden
11:05 – 11:25	Gosliner TM: Diversity squared: New insights into patterns of heterobranch species richness and diversification of lineages	<b>KEYNOTE</b> - Limondin-Lozouet N: Palaeobiodiversity and distribution of Quaternary European continental snails in response to climatic cyclicality	<b>KEYNOTE</b> - Teixeira D: Land molluscs conservation: what Atlantic islands are teaching us	<b>KEYNOTE</b> - Collins KS: Composite approaches to a time-calibrated family-level phylogeny of the Bivalvia
11:25 – 11:45	Cobo MC: Advancing in the knowledge of Solenogastres (Mollusca Aplacophora) through the expeditions of the Muséum National d'Histoire Naturelle	Richter C: What Quaternary gastropods tell us about the effect of climate change on Canary ecosystems	Köhler F: As the smoke cleared: Assessing the impacts of 2019-20 megafires on Australia's land snails	Schneider S: The fossil record of Mesozoic and Cenozoic freshwater bivalves: a progress report
11:45 – 12:05	Fernández-Simón J: Barcoding the diversity of neglected meiofaunal molluscs in the Western Mediterranean (Gastropoda: Heterobranchia)	Juříčková L: Forest mollusks – the key to Holocene diversity in Central Europe	Hyman IT: Conservation on Lord Howe Island and Norfolk Island, Australia's hotspots of land snail diversity	Amler MRW: A fresh look on Late Palaeozoic Rostroconchia or, how we can refine our knowledge of hippocardiid palaeobiology
12:05 – 12:25	Pardos-Blas JR: Cone snail genomics	Marzec M: The malacofauna of the degraded cupola spring-fed fen in the Romínka Forest, history and present	Pearce-Kelly P: How can we best respond to the biodiversity crisis: Insights from the Areho Natural and Cultural Heritage Seminar	Ito A: A new hippuritid rudist bivalve from the Caramoan Peninsula, the Philippines, sheds new light on the evolutionary history of the Hippuritidae
12:25 -14:00	Lunch break			
Afternoon Session I	<b>Exploration, biodiversity and systematics of molluscs - A symposium in honour of Philippe Bouchet (EBS)</b>	<b>Continental molluscs facing environmental changes (CON)</b>	<b>American Malacological Society president's symposium: Molluscan conservation (AMS) - Terrestrial session</b>	<b>Open session – The neglected classes (NEC)</b>
14:00 – 14:20	Chair: Ellen Strong	Chairs: Lucie Juříčková, Salomé Granai, Quentin Wackenheim, Ondřej Korábek	Chair: Norine Yeung	Chair: Carmen Cobo
14:20 – 14:40	Williams ST: Solariellidae: new snails, new phylogenies, and new understandings of deep-sea evolutionary drivers	Wackenheim Q: From Morocco to Spain : How Mid-Holocene land snails shed a new light on extant malacofauna and its response to environmental changes	Ó Foighil D: A genomic and Ecological perspective on Windward Islands (Tahiti & Moorea) partulid survival	Yap-Chiongco M: Genomic insights from the enigmatic Aplacophora
14:40 – 15:00	Goulding TC: Phylogenomics of the Epitoniiidae: resolving relationships in a diverse family using target capture	Djerbi H: The effects of soil anthropisation on the composition and organisation of malacological assemblages in oases: the case of the Arabian peninsula	Yeung NW: Hawaiian land snail conservation efforts: from rediscovering species to manning the lifeboats	Bergmeier FS: Life's a beach: diversity and ecology of shallow-water interstitial Solenogastres (Mollusca, Aplacophora)
15:00 – 15:20	Eernisse DJ: Chitonidae subclades each have an ancient split between the Americas and the Old World	Granai S: Paleoenvironmental reconstructions based on molluscan assemblages in archaeological contexts: an overview of possibilities at various scales of time and space	Cole ML: Terrestrial mollusc conservation in South Africa	Steiner G: The scaphopod mess
15:20 – 15:40	Maniel G: Towards a better assessment of muricid species diversity in the Caribbean Sea (Guadeloupe and Martinique Islands, Lesser Antilles)	Pročków M: Effects of climate variables on phenotypes, phylogeographic pattern and distribution of the strawberry snail <i>Trochulus striolatus</i> (Gastropoda: Hygromiidae)	Seddon MB: Meeting of generations: how can we use the CBD 2030 targets to mainstream Mollusc Conservation?	Ruthensteiner B: Contributions to softpart morphology of monoplacophorans by microCT
15:40 - 15:55	Coffee break			
Afternoon Session II	<b>Exploration, biodiversity and systematics of molluscs - A symposium in honour of Philippe Bouchet (EBS)</b>	<b>Continental molluscs facing environmental changes (CON)</b>	<b>Open session – The malacological community (MAL)</b>	<b>Open session – All about light... (ALL)</b>
15:55 – 16:15	Chair: Ellen Strong	Chairs: Lucie Juříčková, Salomé Granai, Quentin Wackenheim, Ondřej Korábek	Chair: Meghan Yap-Chiongco	Chair: Gregor Christa
16:15 – 16:35	Fassio G: How many species can be hidden under a Chinese hat? The <i>Calyptrea chinensis</i> (Linnaeus, 1758) cryptic species complex	Korábek O: Locating refugia and dating the arrivals to guess the speed of postglacial expansions	Lindberg DR: Laudatio for Dr. Winston F. Ponder – a life of malacology	Laetz E: Solar-powered sea slugs – the ups and downs of heading toward the light
16:35 – 16:55	Bouchet P: My life with molluscs, their names, and the people who study them	Hausdorf B: Discordant patterns resulting from concordant processes: differentiation and speciation of rock-dwelling snail species in the Southern Alps	Trimble JW: Stewarding Harvard University's malacology collection into the future	Middlebrooks M: Dietary preferences and performance of the photosynthetic sea slug <i>Elysia papillosa</i>
16:55 – 17:15	Closing ceremony	Ollard IS: Mussel memory: History lessons from freshwater bivalves	Anderson M: Equity, diversity, inclusion and accessibility in UK Polar Science and Malacology	Vital XG: Light conditions and acclimation of kleptoplasts modulate the abundance and preference of <i>Elysia crispata</i>
		Tan ADY: Cost of living: Morphometry reveals patterns of clinal variations in US freshwater mussels (family Unionidae)		Greistorfer S: <i>Latia neritoides</i> - studying the gland system of a glowing mucus producing freshwater snail

Thursday, 4<sup>th</sup> August 2022

Thursday, 4 <sup>th</sup> August 2022				
Morning Session I	Large lecture hall B00.019	Lecture hall B01.019	Lecture hall B01.027	Lecture hall D00.003
09:00 - 09:45	<b>Plenary V (PLE-V)</b> Wägele H: Systematics and evolution of (not only marine) Heterobranchia			
09:45 - 10:30	<b>Plenary VI (PLE-VI)</b> Harper E: (Palaeo)ecological aspects to the evolution of shell microstructure and mineralogy			
10:30 - 10:45	Coffee break			
Morning Session II	<b>Systematics and evolution of (not only marine) Heterobranchia (HET)</b>	<b>The ecology of fossil and extant molluscs (ECO)</b>	<b>Continental molluscs facing environmental changes (CON)</b>	<b>Open session - Biogeography (BIO)</b>
	Chair: Timea Neusser	Chair: Simon Schneider	Chairs: Lucie Juričková, Salomé Granai, Quentin Wackenheim, Ondřej Korábek	Chair: António de Frias Martins
10:45 – 11:05	<b>KEYNOTE</b> - Knutson VL: Phylogenomic methods provide robust resolution of heterobranch gastropod phylogeny: implications for our understanding of evolution in the clade	<b>KEYNOTE</b> - van Bocxlaer B: Linking microevolutionary and macroevolutionary dynamics in freshwater molluscs of the East African Rift System	Gey CJ: Unravelling the “pulse of rivers” on multidecadal to centennial time scales - A multi-proxy approach for freshwater pearl mussels to reconstruct environmental conditions in stream water	Uribe JE: Cantharidinae (Vetigastropoda: Trochoidea) phylogenomics unveils the origin, evolution, and potential biogeographic events of the western temperate clades
11:05 – 11:25			Riccardi N: Freshwater mussels as a flood early warning system	Heyns-Veale ER: Deriving new insights into South Africa’s marine biogeography through analysis of offshore benthic molluscan distributions
11:25 – 11:45	Brenzinger B: What morphology of extant taxa tells us about the first 100 Million years of heterobranch evolution	Little CTS: Boreal Ocean Jurassic-Cretaceous methane seep molluscs	Modesto V: Native mussels between parasites and invaders under the pressure of water resource management: the case study of Lake Maggiore	Hoffmann L: Diversity and endemism of bathyal gastropods on the South Azorean Seamounts
11:45 – 12:05	Jensen KR: What would an ancestor for the Sacoglossa have looked like?	Kaim A: Molluscs from the Late Cretaceous hydrothermal vent deposits from Cyprus: A glimpse into Mesozoic hydrothermal vent	Reis J: Sophie's choice - which population to preserve under a scenario of global change and extinction	Hayes KA: Phylogenetic systematics and distribution of <i>Pomacea sordida</i> (Swainson, 1823) and <i>Pomacea intermedia</i> (Férussac in Quoy & Gaimard, 1825) (Caenogastropoda: Ampullariidae)
12:05 – 12:25	Mikhlina A: All teeth blazing! Ancestral state reconstruction of buccal armature in <i>Doridina</i> (Nudibranchia, Gastropoda)	Hryniewicz K: Paleocene molluscan macrofauna from an Outer Carpathian deep-sea hydrocarbon seep deposit and the Paleogene history of seep faunas	Zajac T: CONFREMUS – pan-European COST scientific network to resolve problems of freshwater mussels conservation	Yahagi T: Anti-tropical distribution and larval ecology of <i>Plesiothyreus cinnamomeus</i> (Neritimorpha: Phenacolepadidae)
12:25 -14:00	Lunch break			
Afternoon Session I	<b>Systematics and evolution of (not only marine) Heterobranchia (HET)</b>	<b>The ecology of fossil and extant molluscs (ECO)</b>	<b>Molluscs as parasites and victims of parasitism: biodiversity, ecology and evolution (PAR)</b>	<b>Open session – Diversification and speciation in terrestrial molluscs (DIV)</b>
	Chair: Juan Moles	Chair: Andrzej Kaim	Chairs: Aleksandra Skawina and Kenneth de Baets	Chair: Bernhard Hausdorf
14:00 – 14:20	Malaquias MAE: Diversity and phylogeny of the genus <i>Haminoea</i> Turton & Kingston, 1830 (Gastropoda, Heterobranchia, Cephalaspidea) in the Atlantic and eastern Pacific	Fröhlich L: High-resolution multi-proxy reconstruction of marine primary production using the short-lived bivalve <i>Pecten maximus</i>	<b>KEYNOTE</b> - Nützel A: Gastropods as parasites and carnivorous grazers – a major guild in marine ecosystems and its fossil record	Falniowski A: Isolation and endemism in subterranean aquatic snails: <i>Belgrandiella</i> A. J. Wagner, 1927, <i>Montenegrospeum</i> Pešić et Glöer, 2013 and <i>Kerkia</i> Radoman, 1978
14:20 – 14:40	Bharate M: Diversity and phylogeny of the only rock-dweller haminoeid genus <i>Smaragdinella</i> (Gastropoda: Cephalaspidea) in the Indo-West Pacific	Höche N: Environmental forcing on bivalve shell microstructure – a case study of <i>Arctica islandica</i>		Phillips J: Diversification and speciation in an endemic radiation of Galápagos land snails ( <i>Naesiotus</i> : Bulimulidae)
14:40 – 15:00	Peralta-Serrano M: Diversity and comparative taxonomy of Antartophilinidae gastropods (Heterobranchia: Cephalaspidea)	Huang Q: A novel trophic archive: High-resolution compound-specific amino acid (CSIA) $\delta^{15}\text{N}$ analysis of bivalve shells ( <i>Arctica islandica</i> )	Modica MV: Vampire tales: adaptations to hematophagy in the marine snail <i>Cumia reticulata</i>	Saito T: Dispersal is a driver for the diversification of <i>Gyraulus</i> spp. on both continental and oceanic islands
15:00 – 15:20	Siegwald J: Diversity and biogeography of the deep-sea <i>Scaphander</i> gastropods	Al Fudhaili N: Belemnite growth rates and trace elemental composition across the Pliensbachian-Toarcian boundary event	Loker ES: The gastropod hosts of schistosomes: patterns, processes and mechanisms	Bamberger S: Phylogeography and population differentiation of <i>Clausilia dubia</i> across Europe
15:20 – 15:40	Grishina D: Integrative taxonomy and phylogeography <i>Eubranchius rupium-exiguus</i> (Gastropoda: Nudibranchia) species complex	Skujienė G: Carbon and nitrogen stable isotopes as a screening tool to determine the food sources of land snail <i>Ena montana</i> (Draparnaud, 1801)	De Baets K: Escalation in parasite-host bivalve interactions throughout the Phanerozoic	Bitzilekis E: Molecular phylogeny of the genus <i>Metafruticicola</i> von Ihering 1892 (Gastropoda, Hygromiidae) reveals the polyphyly of the genus
15:40 - 15:55	Coffee break			
Afternoon Session II	<b>Systematics and evolution of (not only marine) Heterobranchia (HET)</b>	<b>The ecology of fossil and extant molluscs (ECO)</b>	<b>Molluscs as parasites and victims of parasitism: biodiversity, ecology and evolution (PAR)</b>	<b>Open session – Diversification and speciation in terrestrial molluscs (DIV)</b>
	Chair: Bastian Brenzinger	Chair: Andrzej Kaim	Chairs: Aleksandra Skawina and Kenneth de Baets	Chair: Luis Chueca
15:55 – 16:15	Sulikowska-Drozd A: Alternative reproductive strategies (viviparity/oviparity) in the phylogeny of a hyperdiversified group of land snails	Krings W: The molluscs’ periodic table: Elemental analysis reveals distinct mineralisation patterns in radular teeth	Skawina A: Early evolution of parasitism and gill anatomy in Unionida bivalves	Linscott TM: De novo assembly and genome skims reveal LTRs dominate the genome of limestone endemic mountainsnails ( <i>Oreohelix</i> )
16:15 – 16:35	Eggleton L: A sticky situation: Investigating the contradictory nature of gastropod mucus	Yoshimura T: Sulfur detoxification via biomineralization in the hadal chemosynthetic bivalve “ <i>Axinulus</i> ” <i>hadalis</i> (Thyasiridae)	Hewitt T: Aggressive mimicry mantle lure polymorphisms in <i>Lampsilis fasciola</i> model fish or leech host prey and differ in morphology and pigmentation, but not in display behaviour	Giokas S: Micro-spatial behaviour of two syntopic rock-dwelling <i>Albinaria</i> species: aggregation, substrate preference and trail following
16:35 – 16:55	Barajas-Ledesma E: Fourier transform infrared spectroscopy as a powerful technique to identify and classify gastropods	Jucevičiūtė A: Comparison of the effectiveness of barrier control measures for invasive slugs	Cereghetti T: Variation in natural selection on gene expression across the immune system in a freshwater snail	Martin K: Elucidating the factors influencing processes of community assembly in Galápagos Islands land snails
16:55 – 17:15		Hutchinson J: Mating behaviour and genital anatomy in three species of <i>Ambigolimax</i> slug	Dołęga JA: Fish infestation with glochidia of <i>Unio crassus</i> Philipsson, 1788 in the wild	Chertoprud EM: Hidden Biodiversity Hotspot: A Survey of Groundwater hydrobiid Microsnails from Western Transcaucasia

**Friday, 5<sup>th</sup> August 2022**

Morning Session I	Large lecture hall B00.019	Lecture hall B01.019	Lecture hall B01.027	Lecture hall D00.003
	<b>Plenary VII (PLE-VII)</b>			
09:00 - 09:45	Cavadino I: Citizen science: a slug success story			
	<b>Plenary VIII (PLE-VIII)</b>			
09:45 - 10:30	Wollesen T: From single cells to complex organs – evolutionary developmental insights from hitherto neglected mollusks			
10:30 - 10:45	Coffee break			
Morning Session II	<b>The ecology of fossil and extant molluscs (ECO)</b>	<b>The EvoDevo Corner (EVO)</b>	<b>Systematics and evolution of (not only marine) Heterobranchia (HET)</b>	<b>Insular Ecosystems as cradles of mollusc biodiversity and evolution (INS)</b>
	Chair: Thomas Neubauer	Chair: Tim Wollesen	Chair: Heike Wägele	Chair: Christian Albrecht
10:45 – 11:05	Das SS: Ecological and Environmental attributes of shell morphologies of the western Indian Jurassic gastropods	<b>KEYNOTE</b> - Albertin C: Patterning the cephalopod body plan	<b>KEYNOTE</b> - Moles J: A thousand species, "all"-family phylogeny of the largest gastropod subclass (Heterobranchia)	<b>KEYNOTE</b> - Ó Foighil D: Phylogenomic Insights into the Diversification of Partulidae across Oceania
11:05 – 11:25	Nielsen SN: Predation on Miocene marine Mollusca along a latitudinal gradient in the southeastern Pacific			
11:25 – 11:45	Grossmann M: The Latitudinal Gradient of Functional Diversity of Miocene Mollusks from Chile	Webster NB: Connecting pattern to process: Growth of spiral shell sculpture in the gastropod <i>Nucella ostrina</i> (Muricidae: Ocenebrinae)	Chen Z: The de novo genome of the “Spanish” slug <i>Arion vulgaris</i> Moquin-Tandon, 1855, a perspective of genetic forces driving water-to-land transition	Neiber MT: How many goodly creatures are there here! Origin, radiation and diversification of Hemicycla land snails in the Canary Islands (Gastropoda: Stylommatophora: Helicidae)
11:45 – 12:05	Ketwetsuriya C: Holocene environmental evolution of the Bangkok Clay, Samut Sakorn, Central Thailand: Molluscs as indicators of sea-level change in Northern Gulf of Thailand	Sleight VA: Modern tools for Molluscan Evo-Devo	Galià-Camps C: Jumping through the hoops: Unveiling functional mitogenomic structural rearrangements in the genus <i>Dendrodois</i>	de Frias Martins A: LIFE SNAILS – Azores: Mending the pieces to give them a chance
12:05 – 12:25	Hausmann IM: Mesh-size effect as bias in palaeoecological interpretations of fossil mollusc-dominated assemblages collected by different sampling methods	Baynes A: Surprising effects of pharmaceutical 5-alpha-reductase inhibitors on freshwater gastropod embryonic development	Vidal-Miralles JA: Between sea angels and butterflies: a comprehensive phylogeny of pteropod molluscs	Groh K: The Pomatiidae of the Central Canary Islands – just conchological variability or misjudged biodiversity?
12:25 -14:00	Lunch break			
Afternoon Session I	<b>The ecology of fossil and extant molluscs (ECO)</b>	<b>Open session – EvoDevo + Vision (VIS)</b>	<b>Systematics and evolution of (not only marine) Heterobranchia (HET)</b>	<b>Insular Ecosystems as cradles of mollusc biodiversity and evolution (INS)</b>
	Chair: Simon Schneider	Chair: Tim Wollesen	Chair: Juan Moles	Chair: Björn Stelbrink
14:00 – 14:20	Takano T: Host exploitation of eulimid gastropods: in situ observation, molecular identification and stable isotope analysis	Lesoway MP: Opening a can of snails: Predicting developmental gene regulatory networks in the slipper snail, <i>Crepidula fornicata</i>	Layton KKS: Toward a deeper understanding of nudibranch colour	<b>KEYNOTE</b> - Neubauer TA: Lakes as islands of evolution and the fossil record of freshwater gastropods
14:20 – 14:40	Harrison T: Within-host ecological shift does not mean within-burrow coexistence for two bivalves commensal with mantis shrimp	Bökenhans VD: Gametogenic cycle and gonadal apoptotic cell detection in the semelparous side-gilled sea slug <i>Pleurobranchaea maculata</i> (Quoy & Gaimard, 1832)	Penney BK: Connective tissue patterns in dorid nudibranch mantle	
14:40 – 15:00	Li J: Host-symbiont cross talk in photosymbiotic bivalves	Serb JM: Molluscan genomes reveal distinct patterns of opsin evolution across the phylum	Bonomo LJ: 50 Shades of Red: the red-reticulate group of <i>Goniobranchus</i> (Heterobranchia: Nudibranchia: Chromodorididae)	Albrecht C: Island Africa – insights into evolution and biogeography from freshwater molluscs in insular systems
15:00 – 15:20	Ostrovsky I: Impacts of extreme water level rise on sublittoral gastropods in Lake Kinneret	Irwin AR: Evolution of high-resolution spatial vision in the conch snail group Stromboidea	Fernández-Vilert R: Shining disco: shedding light into the systematics of the family Discodorididae (Gastropoda: Nudibranchia)	Todd JA: Lake Tanganyika’s gastropod superflock – after 160 years what do we know and what would we like to know?
15:20 – 15:40	Lipae HB: Increasing temperature shifts food choice of a terrestrial snail, <i>Cryptozonia siamensis</i> (Pfeiffer, 1856), from herbivory to scavenging	Serb JM: Why so many? Variation in eye abundance among scallops (Bivalvia: Pectinidae) reveals ontogenetic and evolutionary convergence associated with life habits	Caballer Gutierrez M: Biodiversity Exploration and the Program ‘La Planete Revisitee’: marine Heterobranch Gastropods from Corsica Island	Krings W: Material properties of radular teeth reflect adaptations to distinct substrates, a functional morphology study on the paludomid gastropods from Lake Tanganyika
15:40 - 15:55	Coffee break			
Afternoon Session II	<b>Volunteers in Malacology (VOL)</b>	<b>Open session – Phylogeny (PHY)</b>	<b>Systematics and evolution of (not only marine) Heterobranchia (HET)</b>	<b>Insular Ecosystems as cradles of mollusc biodiversity and evolution (INS)</b>
	Chairs: Anna Holmes and Ben Rowson	Chair: Yasunori Kano	Chair: tba	Chair: Thomas Neubauer
15:55 – 16:15	Rowson B: Non-marine mollusc distribution mapping by the Conchological Society of Great Britain & Ireland: a citizen science project in the 19 <sup>th</sup> , 20 <sup>th</sup> and 21 <sup>st</sup> centuries	Fedosov A: Exon-capture-based phylogeny of the Neogastropoda	Goodheart J: Gene novelty in understudied groups: using the chromosome-level genome of the nudibranch gastropod <i>Berghia stephanieae</i> as a case study	Proios K: Re-approaching land snail fauna in three Cyclades islands 45 years later: preliminary biogeographical and ecological results
16:15 – 16:35	Holmes AM: The search for hitchhiking Caribbean Molluscs in Wales – a Citizen Science Project	Farhat S: Could hyperdiversification of neogastropods be related to a whole genome duplication?	Melo Clavijo J: The nudibranch <i>Berghia stephanieae</i> (Váldes, 2005): a transitional form towards a stable photosymbiosis	Panisi M: Shelled treasures: discovering and preserving the endemic-rich malacofauna of the Gulf of Guinea oceanic islands (central Africa)
16:35 – 16:55	Ananthram AN: Freshwater molluscs of India: Challenges and opportunities for research and conservation	Haubner ML: Characterization and phylogenetic analysis of eleven apple snail (Ampullariidae) complete mitochondrial genomes	Sickinger C: Diversity of Symbiodiniaceae in Cladobranchia	Stelbrink B: Threat and origin of the unique freshwater fauna on the western Indian Ocean islands
16:55 – 17:15	Mitschke M: Description of a healthy population of the freshwater mussel <i>Anodonta cygnea</i> in a pond in Wuppertal, Germany	Zajac KS: First comprehensive molecular phylogeny of the genus <i>Deroceras</i> (Gastropoda: Eupulmonata: Agriolimacidae)	Martin-Hervás MR: Molecular insights into the global phylogeny of <i>Elysia</i> Risso, 1818 (Gastropoda, Heterobranchia) with a focus on the European seas	Kniesz K: Spatial distribution and connectivity of new vent related species in <i>Anatoma</i> (Gastropoda) from hydrothermal vent fields in the Indian Ocean