

SEH2025

23rd European Congress of Herpetology

8.-12. Sept. 2025

Bonn



Conference Programme Schedule & Information



www.sehcongress.org



@ seh2025



sehcongress2025

Organisation

Contact persons and emergency numbers

Local Organising Committee

Claudia Koch, Alisha Jung, Dennis Rödder, Dikansh Parmar, Hinrich Kaiser, Jakob Hallermann, Mariam Gabelaia, Monique Hölting, Morris Flecks, Stefan Lötters, Sylvia Hofmann, Ulrich Joger, Ursula Bott

Volunteers

Alexander Popov, Carola Mauel, Emilia Heinrichs, Inna Rech, Markus Dams, Markus Lambertz, Paula Backhausen, Tanvi Gurjar, Yasemin Kukla

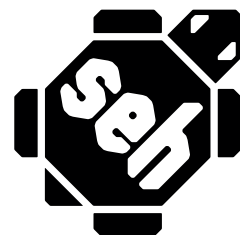
LOC members and volunteers wear specially coloured name badges so that they can be easily recognised if you need any help.

Scientific Committee

Angele Martins, Ben Wielstra, Christine Kaiser, David Tarkhnishvili, Doris Preininger, Emina Šunje, G. Francesco Ficetola, Ilias Strachinis, Jos Kielgast, Judit Vörös, Lisa Schulte, Maciej Pabijan, Mark Scherz, Miguel Vences, Peter Uetz, Philippe Kok, Silke Schweiger, Stefan Hertwig, Thomas Lindner, Umilaela Arifin

SEH Council

Andreas Maletzky, Claudia Koch, Dušan Jelić, Eva Ringler, G. Francesco Ficetola, Hinrich Kaiser, José Carlos Brito, Judit Vörös, Salvador Carranza



Reception desk GSI: +49 228 8107 0
Emergency LOC number: +49 177 6048902
Emergency services: 110 or 112

What? When? Where?

Quick guide to events



Registration

Monday, 8.9. 15:00

Icebreaker

Monday, 8.9. 18:00

Museum tour

Monday, 8.9. 15:00 and 16:30

Excursion

meeting point

Saturday, 13.9. 10:00



Registration

from Tuesday, 8.9. 8:30

Main programme

plenary talks, oral & poster presentations,
symposia, workshops

starts Tuesday, 9.9. 9:15

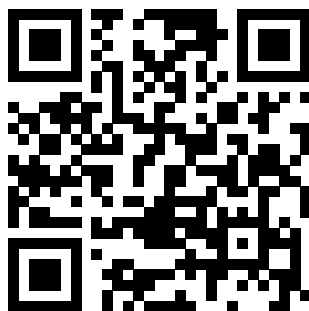
ends Friday, 12.9. 17:15

OGM

Thursday, 11.9. 16:15

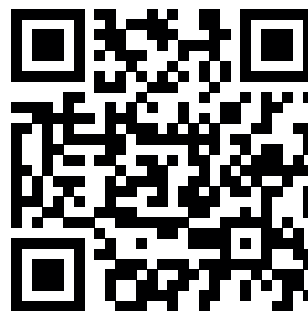
Gala dinner

Thursday, 11.9. 18:30



geo:50.722292,7.113853

Scan the GeoQR code
to display the location
of the venue in your
mobile maps app



geo:50.703975,7.140113

Nearest metro station is
"Museum Koenig" (lines 16, 63 and 66)

Nearest metro stations are
"Max-Löbner-Straße" (lines 16 and 63)
"Robert-Schuman-Platz" (line 66)

Schedule

Monday, 8th September 2025

 **Museum Koenig Bonn**

from 15:00	Registration, MUSEUM FOYER
15:00/16:30	Guided tours of the Museum Koenig (by appointment only)
18:00-21:00	Welcome & Icebreaker, "FESTSAAL" Bernhard Misof (LIB) & Ulrich Joger (DGHT)

Tuesday, 9th September 2025

 **Gustav-Stresemann-Institut**

from 08:30	Registration, FOYER II
09:15-09:45	Congress opening, SALAMANDER ROOM Andreas Maletzky (SEH) & Claudia Koch (LOC)
09:45-10:45	Plenary talk, SALAMANDER ROOM Chair: Stefan Lötters Lisa Schulte. Amphibian chemical communication: From pheromones to "socially transferred materials"
10:45-11:30	Coffee break, FOYER II

	SALAMANDER ROOM	WALL LIZARD ROOM	GRASS SNAKE ROOM
	Ecology Chair: G. Francesco Ficetola	Symposium: Multifaceted evolution of amphibian and reptile phenotypes in changing environments Orga: Giulia Simbula, Lekshmi B. Sreelatha, Nahla Lucchini, Prem Aguilar & Miguel A. Carretero	Symposium: Emerging infectious diseases in herpetofauna, with particular emphasis on Bsal Orga: Stefan Lötters, Amadeus Plewnia, Michael Veith & Philipp Böning
11:30-11:45	Brunetti et al. Tracing tetrodotoxin distribution and variation in natural populations of Modern European Newts	Pérez i de Lanuza. Colour polymorphisms in Podarcis lizards, what a problem!	Barbi et al. Omnipresent herpesvirus infections in common toads (Bufo bufo) do not correlate with population declines
11:45-12:00	Bock & Rödel. Choosing and Using: Microhabitat preferences of poison dart frogs in the lowland Chocó, western Ecuador	Sreelatha et al. Balancing visibility and concealment: drivers of dorsal colour pattern variation in wall lizards	Tóth et al. Susceptibility of the amphibian pathogen Batrachochytrium dendrobatidis to toad toxins
12:00-12:15	Fuchs & Rödel. Microhabitat partitioning of Pristimantis-species across land use types in the Ecuadorian Chocó.	Stückler et al. Triggers of sexual dynamic color change	Lühmann et al. Elucidating the enigmatic absence of Bd in the Colombian Sierra Nevada de Santa Marta mountains – a serious conservation concern
12:15-12:30	Griffiths et al. Design and analysis of eDNA surveys for great crested newts	Twomey et al. Experimental evidence for ketocarotenoid conversion in poison dart frogs	Beukema et al. From outbreak to action: multidisciplinary research on batrachochytrid threats to amphibians in the Netherlands
12:30-12:45	Grüner et al. Remote recognition of lizards using UAS	Kawamoto et al. The relevance of visual ecology on the design of lizard social visual signals	
12:30-14:00	Lunch break, RESTAURANT		

	SALAMANDER ROOM	WALL LIZARD ROOM	GRASS SNAKE ROOM
	Ecology Chair: Sylvia Hofmann	Symposium: Multifaceted evolution of amphibian and reptile phenotypes in changing environments Orga: Giulia Simbula, Lekshmi B. Sreelatha, Nahla Lucchini, Prem Aguilar & Miguel A. Carretero	Symposium: Emerging infectious diseases in herpetofauna, with particular emphasis on Bsal Orga: Stefan Lötters, Amadeus Plewnia, Michael Veith & Philipp Böning
14:00-14:15	Golob & Paboljšaj. Water for LIFE: Restoring Amphibian Habitats on Radensko Polje in LIFE AMPHICON project	Daswani Aguilar et al. Convergence and ancestral regulatory variation upstream of BCO2 explain the maintenance of colour morphs across the radiation of wall lizards	Böning et al. A decade of the salamander plague in Germany
14:15-14:30	Frątczak et al. Impact of bisphenol A and ethinyloestradiol on gonadal differentiation and digit ratio of the <i>Pelophylax ridibundus</i>	Cordero. Turning a turtle into a box: The evolution of shell kinesis	Gemeinhardt et al. The Krupwald fire salamanders - A spark of hope?
14:30-14:45	Lužnik et al. Assessing population dynamics of the European tree frog (<i>Hyla arborea</i>) in a protected wetland using PVC shelters and photoidentification	Riedel et al. Evolution of incipient toepads in a radiation of ecologically diverse geckos	Duchatel et al. Urodeles under threat: on the impact of the chytrid fungus Bsal on northern crested newt (<i>Triturus cristatus</i>) populations
14:45-15:00	Gollmann et al. A plea to unify reporting of body condition values across populations, with examples from <i>Bombina variegata</i> and <i>Bufo viridis</i>	N. de Araújo. Elevational patterns of morphological evolution in Harlequin Toads	Fischer et al. Development of the "Fire Salamander Ark Project" in Wuppertal - an interdisciplinary in situ and ex situ species conservation program to save the local fire salamander population
15:00-15:15	Kornilev et al. Automated Monitoring of Anuran Species Through an Easily Customizable Machine Learning Approach and an Open-source Pipeline	Vek et al. Phylogeographic Study of the Alpine Newt in Slovenia	

15:00-15:45 Coffee break, FOYER II

	SALAMANDER ROOM	WALL LIZARD ROOM	GRASS SNAKE ROOM
	Ecology Chair: Mariam Gabelaia	Symposium: Multifaceted evolution of amphibian and reptile phenotypes in changing environments Orga: Giulia Simbula, Lekshmi B. Sreelatha, Nahla Lucchini, Prem Aguilar & Miguel A. Carretero	Symposium: Emerging infectious diseases in herpetofauna, with particular emphasis on Bsal Orga: Stefan Lötters, Amadeus Plewnia, Michael Veith & Philipp Böning
15:45-16:00	S. Vasconcelos et al. Wildfire impacts on gut microbiota and parasite dynamics in the lizard <i>Podarcis lusitanicus</i>	Zagar et al. Hydric traits across spatial and temporal gradients: Changes in water loss across seasons and the fog moisture gradient in the Namib day gecko, <i>Rhoptropus afer</i>	Fernández Meléndez et al. Co-Exposure with the Herbicide 2,4-D Does Not Exacerbate <i>Batrachochytrium salamandrivorans</i> Infection in the Italian Crested Newt (<i>Triturus cristatus</i>)
16:00-16:15	Bjelica et al. A bite in a summer night: Nocturnal feeding of dice snakes on the shore of Prespa lake	Simbula et al. AGROLIZARDS+ lizards' ecological role in agriculture environment	Fieschi-Méric et al. Multi-omics approaches to investigate host response to Bsal exposure and determinants of chytridiomycosis severity in <i>Triturus cristatus</i> .
16:15-16:30	Burgstaller et al. Ten years of green toad (<i>Bufo viridis</i>) population studies in Eastern Austria	Dajcman et al. Modelling competition under current and future climate change scenarios in a pair of competing lacertid lizards	Grau Camps et al. Pathogen detection in larval and post-metamorphic amphibians in northern Germany
16:30-16:45	Hamer et al. Complexity in environmental variation shapes amphibian metacommunity structure at ponds along a regional urban-rural gradient	Brock. Herpetology in new and ancient cities	Kásler et al. To trap or not to trap: effectiveness of different heated refuges against chytridiomycosis in tadpoles
16:45-17:00	Mészáros et al. Urban oasis? Abundant dice snake (<i>Natrix tessellata</i>) populations along artificial lakeside habitats in urban landscapes	Roscetti et al. Ecological relevance of Voluntary Thermal Maxima (VTMs) in the wall lizard <i>Podarcis muralis</i>	Balaz et al. Finding the best way to detect and confirm amphibian pathogen
17:00-17:15	Budai et al. The influence of plant composition on an endangered grassland specialist reptile, the Hungarian meadow viper	Carretero. Do Mediterranean reptiles occupy a specific functional niche? A first approach with lacertids	
17:15-17:30		Flash talks	

17:30-19:00 Poster session 1, YELLOW-BELLIED TOAD ROOM
Posters presented in this session are listed on the following pages

17:30-19:00 SEH Conservation Committee meeting, WALL LIZARD ROOM

Wednesday, 10th September 2025



from 08:30	Registration, FOYER II		
09:15-10:15	Plenary talk, SALAMANDER ROOM Chair: Andreas Maletzky Mark Scherz. Why miniaturisation is such a big deal		
10:15-11:00	Coffee break, FOYER II		
	SALAMANDER ROOM	WALL LIZARD ROOM	GRASS SNAKE ROOM
	Conservation Chair: Christine Kaiser	Ecology Chair: Salvador Carranza	Symposium: Emerging infectious diseases in herpetofauna, with particular emphasis on Bsal Orga: Stefan Lötters, Amadeus Plewnia, Michael Veith & Philipp Böning
11:00-11:15	Pröhl & Brandt. Genetic defragmentation in a reintroduction of the imperiled European tree frog	Dittrich et al. Multiple paternity in smooth-fronted caimans – ecological and behavioural implications	Faria et al. Ten years of blood parasitism data for six lizard species from Iberia, the Canary Islands, and Morocco
11:15-11:30	Pinto-Erazo. The island-dwelling harlequin toad (<i>Atelopus gracilis</i>): from species redescription and ecology to conservation action	Speybroeck et al. Frogs versus fish – experimental predation of native and non-native fish on early life stages of six European anuran species	Rato et al. The Overlooked Role of Non-Native Species: A Global Review of Pathogen Transmission in Freshwater Turtles
11:30-11:45	van Schingen-Khan. Role of CITES Scientific Authorities in conservation: new development	Smith. What is a slow-worm's tail for?	Di Nicola et al. Ecological drivers and behavioural traits of ophidiomycosis in dice snakes (<i>Natrix tessellata</i>) from Northern Italy
11:45-12:00	Lobon-Rovira. Angolan Geckos: Diversity and Conservation	Matthys et al. Unravelling the effects of annual temperature variability on turtle population dynamics.	Itescu et al. Parasite Island: Drivers of Ectoparasite Levels in Insular Lizard Populations
12:00-12:15	Theodoropoulos et al. Characterizing invasive hybridization between two deeply diverged newt species using genome-wide data	Petrovan et al. Uncovering a warm climate admixture clade at the southern distribution range edge of a cold adapted snake, the adder (<i>Vipera berus</i>)	Röthlein et al. Dynamics and phenology of <i>Lucilia</i> -induced myiasis in common toads (<i>Bufo bufo</i>) inhabiting Southwest Germany
12:15-12:30	Blomme et al. Demography differs between declining and healthy common toad (<i>Bufo bufo</i>) populations	Roitberg & Eplanova. Life-history variation in two geographically close populations of the eastern sand lizard, <i>Lacerta agilis exigua</i> following an extreme climatic event	Stark et al. Launch of a Multidisciplinary Consortium for Wild Reptile Health in Europe
12:30-14:00	Lunch break, RESTAURANT		

	SALAMANDER ROOM	WALL LIZARD ROOM	GRASS SNAKE ROOM
	Conservation Chair: Dikansh Parmar	Ecology Chair: Maciej Pabijan	Symposium: Emerging infectious diseases in herpetofauna, with particular emphasis on Bsal Orga: Stefan Lötters, Amadeus Plewnia, Michael Veith & Philipp Böning
14:00-14:15	Crnobrnja-Isailovic et al. Dark side of extraction of lithium, boron and arsenic: impact on local amphibians and reptiles	Duret et al. Ontogenetic dietary shifts in an apex predator, the Japanese giant salamander	Schmeller et al. Ranavirus and Bd coinfection in Pyrenean mountain lakes change amphibian skin microbiome communities
14:15-14:30	Kaiser et al. Redesigning artificial nests for the benefit of Japanese Giant Salamander (<i>Andrias japonicus</i>) conservation	Salvidio et al. Learning from Strinati's Cave Salamander long-term research	Purwin et al. Current state of chytrid screening in natural, captive and archival amphibian populations from Poland
14:30-14:45	Clément & Vacher. Heat-lovers going north: monitoring two reptile species at the northern margins of their range	Costa et al. Keystone salamanders: testing the occurrence of keystone niche individuals in salamanders' populations	Ibrogimova et al. New insight into the effects of the <i>Strigea robusta</i> parasite on abnormalities in amphibians
14:45-15:00	Dehaut et al. Using Computer-assisted Photo-Identification for Squamate population studies	Rommel et al. Population of origin influences early life-history traits in the Common Toad (<i>Bufo bufo</i>).	Pasmans et al. Exposure to the herbicide 2,4-D increases virulence of a global amphibian pathogen
15:00-15:15	Suyesh. Urban habitats and Amphibian Vulnerability: A Study of Road Mortality and Mitigation of Amphibian Mortality in Delhi-NCR, India	Golubović et al. Coercive mating in Hermann's tortoise (<i>Testudo hermanni</i>) on Golem Grad island affects personality traits of harassed females	
15:00-15:45	Coffee break, FOYER II		
	SALAMANDER ROOM	WALL LIZARD ROOM	GRASS SNAKE ROOM
	Conservation Chair: Umilaela Arifin	Conservation Chair: Claudia Koch	Symposium: Herp-omics - a genomic perspective on earth's herpetofaunal diversity Orga: Alice Petzold & Carolin Dittrich
15:45-16:00	Herder & Laan. Targeted connectivity: using selective passages to protect amphibians and halt crayfish spread	Breka et al. Are Frog Populations at Risk? Regional PVA of the Pelophylax esculentus complex in fragmented habitats of South Banat shows low extinction risk	Petzold. Past and Present of Herp-Omics: From Sanger Sequencing to Museomics
16:00-16:15	Janssen et al. Photographic identification of sand lizards (<i>Lacerta agilis</i>) by facial scale markings	Naia et al. Bridging ecological research and citizen engagement for amphibian conservation in northern Portugal	Dittrich. Introduction to the Amphibian Genomics Consortium
16:15-16:30	Grimm-Seyfarth & Probul. Innovative Use of Detection Dogs and Camera Traps Reveals Terrestrial Activity and Shelter Preference of Native Newts in a Central European Floodplain	Berrilli et al. Unveiling the Diet of the Critically Endangered Aeolian Lizard <i>Podarcis raffonei</i> through an Integrative Approach	Suh. Towards complete genomes of non-model vertebrates
16:30-16:45	Halpern et al. New toolkit, combining photo-ID and camera trapping, boosts efficiency in monitoring of Hungarian Meadow Viper reintroductions	Denoël et al. The marsh frog invasion: diversity, pathways, opportunism and effects	Salvi et al. Genetic LiFELines for the Aeolian Wall Lizard: The Role of Conservation Genomics in the EOLIZARD Project
16:45-17:00	Angelusz & Vági. Predictors of threat status in the most specious orders of Amphibians	Vacher & Clément. Comparing two approaches for a long-term monitoring of the great crested newt (<i>Triturus cristatus</i>) in the Grand Est region, France: site occupancy vs. N-mixture models	Keusgen et al. Uncovering Phylogenetic Relationships of Anodonthyla Frogs (Microhylidae: Cophylinae) and Resolving the <i>A. boulengerii</i> Species Complex
17:00-17:15	Suyesh et al. In situ observations of breeding behaviour and context specific vocalization in the largest frog from India, <i>Hoplobatrachus tigerinus</i>	Gewiss et al. Role of trade and use in amphibian conservation	Bos et al. Using Off-target Reads for De Novo Investigation of Mitochondrial Evolution in Cophyline Frogs (Microhylidae)
17:20-17:20	Congress photo		
17:30-19:00	Poster session 2, YELLOW-BELLIED TOAD ROOM Posters presented in this session are listed on the following pages		
17:30-19:00	SEH Council meeting, WALL LIZARD ROOM		

Thursday, 11th September 2025



from 08:30 Registration, FOYER II

09:15-10:15 **Plenary talk, SALAMANDER ROOM**
Chair: Judit Vörös
David Tarkhnishvili. Reinforcement versus gene introgression. Speciation and species boundaries in the Caucasian rock lizards

10:15-11:00 Coffee break, FOYER II

	SALAMANDER ROOM	WALL LIZARD ROOM	SLOW WORM ROOM	GRASS SNAKE ROOM	YELLOW-BELLIED TR
	Conservation Chair: Thomas Lindner	Workshop: Publishing in European herpetology Orga: Hinrich Kaiser (Editor-in-Chief of Herpetology Notes)	Symposium: Ecology and evolution of amphibian larvae Orga: Pedro Henrique dos Santos Dias & Paul Lukas	Symposium: Herp-omics - a genomic perspective on earth's herpetofaunal diversity Orga: Alice Petzold & Carolin Dittrich	Evolution Chair: Ben Wielstra
11:00-11:15	Strah et al. Engaging Communities to Detect Hyla arborea: Four Years of Citizen Science Surveys Through the REGAlnica Event in Southwestern Slovenia	Kaiser. Publishing in European herpetology: manuscript preparation, peer review, and other tidbits	dos Santos Dias. Something old, something new, something borrowed – the evolution of the anuran larval oral apparatus	Liedtke et al. More than the sum of its parts: transcriptomic insights into gene expression responses to interacting environmental stressors	Nash-Hahn et al. Phylogeny vs. Selection: What Shapes Sexual Size Dimorphism in Snakes?
11:15-11:30	Ibelli Vaz et al. Effects of antifungal treatment and husbandry practices on the skin microbiota the Ornate Forest toad Rhinella ornata (Anura, Bufonidae)		Lukas. No bones about it: A comparative dive into tadpole cartilage development	Uesseler et al. Chromosome-scale haplotype-resolved reference genomes of four species of the Iguanidae reveal genomic basis of adaptations of the Galápagos marine iguana (Amblyrhynchus cristatus)Evolution	Barateli et al. One Shot or Many Chances? Life History Strategies of Caucasian Rock Lizards (Darevskia)
11:30-11:45	Iannella et al. Slithering on the edge: a scientific chronicle of Vipera ursinii ursinii in a warming Central Apennines landscape		Grosso et al. Embryonic development of South American frogs: New insights into the evolution of the hyloids Neoaustarrana and Telmatobiidae	Dalgo et al. Dietary Patterns of Marine Iguanas Across the Galápagos Archipelago Revealed by DNA Metabarcoding	Ficetola et al. Divergence-dependent processes drive unique yet parallel genomic evolution in island lizards
11:45-12:00	McDonald. Utilising Favourable Conservation Status to guide landscape-level species recovery in Southern England		Lipkowski & Schulte. Species-Specific Chemical Communication in Tadpoles: Ecological Contexts and Alarm Cue Composition	Hulse et al. The Feasibility of Faeces: Advancing Non-invasive Frog Dietary Ecology with DNA Metabarcoding	Koppetsch et al. Integrative genomics and morphometrics reveal ancient lineage divergence and morphological stasis: diversification dynamics of the Pristurus rupestris species complex in an arid mountain system
12:00-12:15	Creemers. New solutions for amphibians in gully pots		Eterovick et al. The microbiome as a link between diet quality, health, and escape behavior in amphibian larvae under heat stress	Erens et al. Novel eDNA metabarcoding applications accelerate species rediscoveries, conservation assessments, and on-site community characterization in amphibian diversity hotspots	Figueiredo Vázquez et al. Genomic divergence and introgression in a broad hybrid zone between two bimodal viviparous salamander subspecies
12:15-12:30	Petrovan. Frogs, AI and climate change: novel tools can dramatically improve citizen science		Bento et al. Performance and behavioural responses of Bufo spinosus to temperature-diet interactions	Doncheff Marques et al. A comparison of fire salamander (Salamandra salamandra) dermal microbiota along an anthropogenic divide through whole genome shotgun sequencing	Pabijan et al. Metabolic and fitness consequences of mitochondrial introgression from Pelophylax lessonae into P. ridibundus
12:30-12:45					France et al. Target capture sequencing sheds light on hybridogenetic frogs

12:30-14:00 **Lunch break, RESTAURANT**

	SALAMANDER ROOM	WALL LIZARD ROOM	SLOW WORM ROOM	GRASS SNAKE ROOM	YELLOW-BELLIED TR
	Conservation Chair: Jakob Hallermann	Workshop: Amphibian conservation responses to fish introduction Orga: RACE (Stichting Reptile and Amphibian Conservation Europe)	Symposium: Ecology and evolution of amphibian larvae Orga: Pedro Henrique dos Santos Dias & Paul Lukas	Symposium: Herp-omics - a genomic perspective on earth's herpetofaunal diversity Orga: Alice Petzold & Carolin Dittrich	Evolution Chair: Dušan Jelić
14:00-14:15	Petrovan. Why road mitigation is fundamentally different for newts	Foster. Amphibian conservation responses to fish introduction – Workshop introduction	Martin et al. The effects of biofilm-colonised microplastics on the growth and developmental rates of amphibians	Nogueira et al. Amazonian leaf frogs' skin chemistry: metabolite variation among Phyllomedusidae species	Wielstra. Unravelling an evolutionary mystery: the balanced lethal system in Triturus newts
14:15-14:30	Bolte. Limiting Habitat Factors for Natterjack Toads (Epidalea calamita) in Central German Lignite Mines: Implications for Conservation in Post-Mining Landscapes	Zollinger. Fish like amphibians, but amphibians don't like (cray)fish! An overview of best and worse practices in the Netherlands	Jovanovic Glavas et al. Exposure of different stages of tadpoles to light pollution	Cassin. To see the bigger picture: using genomic tools for the conservation of neotropical amphibians facing emerging disease threats.	Steinbinder et al. Nuptial pads of Xenopus frogs depend on a keratinization program that is homologous to the cornification of mammalian skin appendages
14:30-14:45	M. Fernandes et al. No stone left unturned: assessing the role of dry-stone structures on biodiversity		Bolčina & Pobljšaj. Promising Beginnings, Hopeful Returns: Experiences with Population Reinforcement for Triturus carnifex in Jovsi (Slovenia) through Supportive Breeding within the LIFE AMPHICON Project	Carranza et al. Clinging on the brink: Conservation genomics of the Critically Endangered Emirati Leaf-toed Gecko (Asaccus caudivolvulus)	Sachslehner et al. Amphibian-specific structural proteins contribute to the formation of claws and nuptial pads in frogs and salamanders
14:45-15:00	Le Brishoual et al. Accounting for amphibians' behaviour in drift fence optimisation: an exploratory study		Gomez-Mestre et al. Main environmental drivers of tadpole shape and color variation	Pal et al. Systematics of Sphenomorphin Skinks in Western Melanesia: A Phylogenomic Approach	Čirković et al. Endocrine disruption by microplastics in amphibian larvae: hormonal receptor responses in Rana and Bufo tadpoles
15:00-15:15	Schneidewind et al. Artificial habitats: lifeline or last straw for European amphibians - Quantifying the importance of artificial habitats for amphibians in Europe's anthropogenic landscapes			Burriel-Carranza et al. Phylogeographic and genomic insights unveil the evolutionary history and post-glacial recolonization routes of the Palmate Newt (Lissotriton helveticus) into Europe	Damm et al. The venom-delivery system of the non-front fanged snake Heterodon nasicus: About venom compositions, gland imaging and ketamine contamination
15:15-15:30	Ward. Criteria for and selection of Important Herpetofauna Areas in Britain and beyond			Dufresnes et al. A Biogeographic Overview of Fire-Bellied Toad Diversity	Ringler et al. Paternal care as a source of key skin microbiota in a poison frog

15:30-16:15 **Coffee break, FOYER II**

16:15-18:15 **Ordinary General Meeting of Societas Europaea Herpetologica, SALAMANDER ROOM**
SEH members only, agenda communicated separately by SEH Council

18:30-23:30 **Gala dinner, "RÖMERKELLER"**

Friday, 12th September 2025



from 09:15 **Registration, FOYER II**

09:45-10:45 **Plenary talk, SALAMANDER ROOM**

Chair: Claudia Koch

Angele Martins. Descriptive Anatomy's Role in Herpetology: a dive into scolecophidian discovery

10:45-11:30 **Coffee break, FOYER II**

	SALAMANDER ROOM	WALL LIZARD ROOM	SLOW WORM ROOM	GRASS SNAKE ROOM
	Taxonomy & Systematics Chair: Hinrich Kaiser	Biogeography Chair: Dennis Rödder	Conservation Chair: Emina Šunje	Symposium: Herp-omics - a genomic perspective on earth's herpetofaunal diversity Orga: Alice Petzold & Carolin Dittrich
11:30-11:45	Fleck & Glaw. Hiding behind a giant – Untangling the gemsnakes of the <i>Liophidium torquatum</i> complex from Madagascar	Arntzen. Ecological correlates suggest non-equilibrium conditions and hybrid zone movement in <i>Bombina</i> toads	Rannap et al. Extensive restoration of the entire habitat complex is key to the successful recovery of threatened species: the case of the natterjack toad <i>Epidalea calamita</i> at the northern range margin	Veerappan et al. Systematics and biogeography of the New Guinean crown snakes (<i>Aspidomorphus</i> : Elapidae)
11:45-12:00	Velenská. Phylogeny of the racer genus <i>Platyceps</i> (Squamata: Colubridae) based on different genetic approaches	Allain et al. Beeps in the dark: Unravelling the origins of Midwife Toads (<i>Alytes obstetricans</i>) in Great Britain using microsatellites	van Doorn et al. The Natterjack Toad in Northern Belgium: Genes, Habitat & Translocation	Tulloch Jiménez et al. Unleashing The Secrets Of Iberian Snakes: Exploring Their Venom Evolution Through Multi-Omics
12:00-12:15	Hallermann. Taxonomy, Morphology and distribution of the House Snakes of Northeast Africa	Nečas et al. Mito-nuclear discordance in a Central African rain forest frog, <i>Hyperolius kuligae</i> (Hyperoliidae), uncovers intricate evolutionary pattern	Crees et al. A novel approach to landscape-scale species conservation funded through development impact	Kuttalam et al. Genomic insights into the population structure of India's "Big Four" medically important snake species
12:15-12:30	O'Shea & Kaiser. Introducing the Secretive Serpents of Paradise, the Elapid Genus <i>Toxicocalamus</i>	Kukla et al. Sticky Innovation, Limited Expansion: Biogeography and Evolutionary Ecology of Toepads in Geckos	Rosa et al. Reviewing the ecological and economic impacts of <i>Trachemys scripta</i> in Europe in the last 25 years	Owens et al. Isolated adder (<i>Vipera berus</i>) populations: utilising low-medium coverage genomics to identify and assess the effects of barriers on gene flow across fragmented landscapes
12:30-12:45			Krásá. Herpetological Action Plans in Czechia	

12:30-14:00 **Lunch break, RESTAURANT**

	SALAMANDER ROOM	WALL LIZARD ROOM	SLOW WORM ROOM	GRASS SNAKE ROOM
	Taxonomy & Systematics Chair: Ulrich Joger	Morphology Chair: Stefan Hertwig	Conservation Chair: Silke Schweiger	Symposium: Herp-omics - a genomic perspective on earth's herpetofaunal diversity Orga: Alice Petzold & Carolin Ditttrich
14:00-14:15	Zinenko. Current state, perspectives and challenges of herpetology in Ukraine	Urošević et al. Modularity in four morphotypes of the salamandrid skull – conserved or not?	Siebert et al. The Frogs in My Backyard: Investigating Amphibians Using Mini- Ponds and Citizen Science in Austria	Monod-Broca et al. Species distribution models predict genome-wide polymorphism and gene flow in the Yellow-bellied toad (<i>Bombina variegata</i>)
14:15-14:30	Meibert. Vipers of West Asia Today	Saulnier Masson & Engelkes. Homology of the shoulder joint and forelimb muscles in frogs and toads (Lissamphibia: Anura)	Šunje et al. A Multi-Modelling Approach for Informing the Conservation of a Cold-Adapted Terrestrial Amphibian in the Face of Climate Change	Heller et al. Genomes on a Ferry: Human-Mediated Translocation and Hybridization in <i>Cryptoblepharus</i> skinks
14:30-14:45	Cota. The Monitor Lizards of Thailand (Varinade: Varanus: Squamata)	Fukuyama & Kishida. A comparative study on morphological plasticity of <i>Hynobius</i> salamanders	Wenner et al. Effectiveness of wetland restoration on amphibians in a drying grassland habitat losing its breeding sites	Gvoždík et al. Genomic phylogeography of a leaf-litter frog reflects ecoregional partitioning of Central African rainforests and reveals partial but notable mitonuclear discordance
14:45-15:00	Parmar et al. Goa - more than a tourist spot: mapping the Reptilian fauna in Goa, India	Abondano Almeida et al. Sexually dimorphic glands in Neotropical poison frogs and pheromone production	Sá Sampaio et al. Assessing the effectiveness of a <i>Xenopus laevis</i> eradication program using eDNA monitoring	Wang et al. Introgression landscape in Australian burrowing frogs <i>Neobatrachus</i>
15:00-15:15	Arifin & Cahyadi. Amphibian diversity in Indonesia: what we know to date and their conservation status	Hudry. Ecological Constraints and Morphological Diversity in Snakes: Convergence, Divergence, and the Shape of Adaptation	Poboljšaj et al. Crossing Roads and Restoring Habitats: Slovenia's Amphibian Conservation Journey	Pustovalova et al. Variable Paths to Fertility: Hybridogenesis and Genomic Disruption in Water Frog Hybrids (<i>Pelophylax esculentus</i>)
15:15-15:30	O'Shea. The Reptiles of the Archbold Expeditions to New Guinea 1933–1964: a Summary of the 1930s Expeditions	Roesch et al. 3D and 2D morphometric analyses corroborate inter- and intraspecific divergences in an endemic gecko genus in Seychelles	Rák et al. High grazing pressure is a threat to declining grassland specialist reptiles	Drohvalenko et al. Hybridogenetic <i>Pelophylax esculentus</i> systems in Ukraine: reproduction and maintenance
15:30-15:45		Pankin et al. Fine innervation of the contact surface of adhesive lamellae of Tokay Gecko (<i>Gekko gekko</i>)		
15:30-16:15	Coffee break, FOYER II			
16:15-17:15	Tombola & Congress closing, SALAMANDER ROOM			

Saturday, 13th September 2025



from 10:00 **Excursion, MUSEUM ENTRANCE**

Posters (independent)

- | | |
|---|--|
| 1 | Arifin et al. The Global Women in Herpetology Project: The Journey So Far and What's Next |
| 2 | Joger. The new Handbook of Zoology (Reptile volumes) |

Poster session 1

- | | | | |
|----|--|----|--|
| 1 | Breka et al. Tiny Colonizers of Frog Skin: Composition and Diversity of Diatoms in the <i>Pelophylax esculentus</i> complex | 25 | Durst et al. Sheltering the Serpent: Habitat Optimization and Disease Monitoring in Barred Grass Snake Populations |
| 2 | Čorović et al. Preferred body temperature of the Caspian whipsnake (<i>Dolichophis caspius</i> , Gmelin, 1789) under laboratory conditions | 26 | Di Nicola et al. CMTV-like ranavirus detection during a mass die-off of common frogs in a high-altitude alpine lake in Italy |
| 3 | Bjelica et al. Built to Hunt, Forced to Scavenge: Scavenging behaviour in an insular population of the nose-horned viper (<i>Vipera ammodytes</i>) | 27 | Schulz et al. Impacts of <i>Batrachochytrium</i> salamandrivorans on Great Crested Newt (<i>Triturus cristatus</i> , Laurenti, 1768) Populations: Evidence from a Multi-Year Capture–Recapture and qPCR Surveillance Program |
| 4 | Golubović et al. Preliminary results on reproductive characteristics of European pond turtles in Serbia | 28 | Griesbaum et al. Who am I and if so how many? Distribution of non-native chelonians in Germany |
| 5 | Huang et al. Earlier maturation or egg retention in tree lizards responding to predation risks in different stages | 29 | Purwin et al. A review of tail anomalies in lizards (Reptilia: Sauria) in Poland with additional records |
| 6 | Mészáros et al. Scale-dependent landscape variables and linear infrastructures influence smooth newt (<i>Lissotriton vulgaris</i>) abundance in wetlands of a heavily urbanized lake | 30 | Ajduković et al. Artificial light at night and influence on thyroid gland histology in <i>Triturus newts</i> (Urodela, Salamandridae) |
| 7 | Villás & Vági. Evolution of adhesive toepads and their ecological role in lizard habitat use and diversification | 31 | Strus et al. An automated acoustic classification model for monitoring Ukrainian amphibians using a deep neural network |
| 8 | Boran & Gül. Substrate preference and its effects on body temperature in a rock-dwelling nocturnal gecko, <i>Hemidactylus turcicus</i> , on an Aegean Island (Bozcaada, Türkiye) | 32 | Keusgen et al. Dissecting without damage: Inferring taxonomic affiliations from the gut content of a preserved museum specimen |
| 9 | Özgül et al. Microhabitat Preferences of Herpetofauna in Coastal Wetland Ecosystems of the Biga Peninsula, Türkiye: A Preliminary Assessment | 33 | Lötters et al. Tetrodotoxin in harlequin toads (<i>Atelopus</i> spp.) – inferring its potential origin from gut and skin microbiome using DNA metabarcoding |
| 10 | Reinhardt et al. Experimental insights on the behaviour and development of Near Eastern Fire salamanders (<i>Salamandra atra</i>) indicate general strategies to cope with aquatic predators | 34 | Adam et al. Population genetics and genomics of fire salamanders (<i>Salamandra atra</i>) in Saxony (Germany) |
| 11 | Mao et al. Is the ecological gradient a cause or a consequence? An illustration depicts the various gradients in snake fauna and composition in Taiwan. | 35 | Kaczmarek et al. Pet trade of amphibians in Poland: comparison after 10 years |
| 12 | Schulze & Schulte. Laterality in Toe-Tapping Behaviour of Green-and-Black Poison Dart Frogs (<i>Dendrobates auratus</i>) | 36 | Gjerde. New color-variation in the Moor Frog <i>Rana arvalis</i> discovered in the Øyer delta, Norway |
| 13 | Martin et al. Microplastics and their effect on the development and health of filter-feeding larvae | 37 | Todua et al. The Relationship Between Host-Parasite Interactions and Diet Diversity |
| 14 | Dimaki & Ioannidis. Three Decades of Chameleon Research in Greece: Insights into the Distribution, Ecology, and Conservation of Chamaeleo chamaeleon and C. africanus | 38 | Lobon-Rovira et al. Combining genomics and paleoclimatic modelling to assess the evolutionary history of <i>Peringueya's</i> adder (<i>Bitis peringueyi</i>) |
| 15 | Lukanov et al. Automated acoustic detection of frogs and newts under different conditions: possibilities and limitations | 39 | Balogh et al. Do pyrethroid insecticides influence sex ratios in agile frogs (<i>Rana dalmatina</i>)? |
| 16 | Flego et al. Amphibians at the interface between lowland and mountains: the use of Joint Species Distribution Models to study environmental drivers of distribution and define Regions of Common Profile | 40 | Chmura et al. Mitochondrial DNA suggests a narrower hybrid zone in southern than in northern Poland in <i>Hyla</i> treefrogs |
| 17 | Ferreira et al. Same mountains, different plastics? Lizards and microplastic exposure | 41 | Vági et al. The evolution of sperm size and anisogamy in amphibians |
| 18 | Zamfirescu et al. Preliminary data on the defensive behaviours of Nikolsky's Viper (<i>Vipera berus nikolskii</i>) | 42 | Vörös et al. How does hybridisation shape immune phenotypes? |
| 19 | Zamfirescu et al. Mapping microhabitat use and habitat suitability for the endangered Moldavian Meadow Viper (<i>Vipera ursinii moldavica</i>) from the Danube Delta using remote sensing and species distribution modeling | 43 | Vonhoff. Parental care intensity predicts vertical microbiome transmission potential in amphibians: a phylogenetic framework for future research |
| 20 | Neugebauer et al. Preliminary Insights into the Spatial Ecology of <i>Bothrops asper</i> and <i>Bothrops osbornei</i> in Northwestern Ecuador | 44 | Freire Espin & Twomey. Colors in mom's food: Carotenoid content in the eggs of an obligate egg-feeding frog |
| 21 | Haase et al. Characterizing the femoral gland secretion proteome in the lek-mating Galápagos marine iguana (<i>Amblyrhynchus cristatus</i>) using bottom-up quantitative proteomics | 45 | Nekrasova et al. The European Pond Turtle (<i>Emys orbicularis</i>): Modeling Present and Future Distributions and Biological Invasion Risks for Best Conservation Strategy in Europe |
| 22 | Chakraborty et al. Tracking Frogs Through the Concrete Jungle: Microhabitat Associations of Eight Anuran Species in Delhi-NCR | 46 | Kawamoto et al. Colour signalling and sexual dichromatism in two sister species of ocellated lizards. |
| 23 | König & Schulte. Just a light touch: The way of transfer of potential pheromones during cephalic amplexus in poison frogs | 47 | Simbula et al. Too hot to hatch: incubation temperature effect on egg survival and hatching time in <i>Podarcis siculus</i> |
| 24 | Simon et al. Investigating short-distance magnetic orientation in a Neotropical poison frog | | |

Poster session 2

1	Iankoshvili & Tarkhnishvili. Filling Data Gaps on Georgian Herpetofauna: The Power of Citizen Science on Social Media, Focusing on Snakes	25	Bányi & Vági. Herpetofauna along an urbanization gradient: case study from a city with ongoing industrialisation
2	Parmar et al. Scales on rails? Modelling the distribution of Western Ghats King Cobras, <i>Ophiophagus kaalinga</i> Gowri Shankar et al., 2024, in Goa, India, reveals the potential effect of train journeys	26	Rosa et al. Assessing populations' status and distribution of the endemic Ambrosi's Cave Salamander: first results
3	Nečas et al. Museomics resolves the identity of <i>Phrynobatrachus brevipalmatus</i> (Anura, Phrynobatrachidae) from Angola and reveals its unexpected connection with an oceanic island in the Gulf of Guinea	27	Schweiger et al. The data arrangers: Compilation, completion, and analysis of existing herpetological data in Austria
4	Figueiredo Vázquez et al. Anthropogenic translocations could explain contrasting patterns of genetic variation in the historically traded Ibero-Maghrebian Mediterranean pond turtle, <i>Mauremys leprosa</i> (Testudines: Geoemydidae).	28	Laka et al. Towards improved welfare monitoring of endangered species: health status and stress assessment in captive olms (<i>Proteus anguinus</i>)
5	Lužnik et al. Distribution and spread of geckos (Gekkota) in Slovenia: Insights from field surveys and citizen science	29	Cittadino et al. Conservation of the Calabrian Alpine Newt: A Pilot Reinforcement Project in Southern Italy
6	Leković & Čadenović. Batrachofauna and Herpetofauna of central Montenegro	30	Dimaki & Ioannidis. Wildfire-Induced Mortality and Population Decline of <i>Testudo marginata</i> in Two Mediterranean Habitats
7	Strah et al. Preliminary Survey of the Contact Zone of <i>Hyla intermedia perrini</i> and <i>Hyla arborea</i> in Slovenia	31	Nagy et al. Evaluation of predator control efforts implemented to enhance the conservation status of the Hungarian Meadow Viper (<i>Vipera ursinii rakosiensis</i>)
8	Hofmann et al. Exploring Paleogene Tibet's Warm Temperate Environments in Himalayan spiny frogs	32	Jovanovic Glavas et al. Life history traits of amphibians and reptiles in agricultural habitats
9	Nekrasova et al. Assessing the Impact of Edge Effects on <i>Bombina variegata</i> variegata Distribution in Western and Eastern Europe Using GIS Modelling	33	Rato et al. The Trade-Invasion Link: Evaluating Exotic Turtle Markets and Propagule Pressure
10	Ibrogimova et al. Comparative analysis of mitochondrions in European water frogs of the genus <i>Pelophylax</i>	34	Szymańska & Kaczmarek. Urban dwellers: species composition of amphibians in selected water bodies in Poznań, Poland
11	Paraskevopoulou et al. One species or two? How many species of <i>Trapelus Cuvier</i> 1817 occur in Morocco?	35	Szadkowska & Kaczmarek. Preliminary results of the common toad <i>Bufo bufo</i> microchip-based monitoring in a semi-urban environment – a study from Poznań, Poland
12	Brunetti et al. Morphological variability of the digestive system and dietary specificity in anurans	36	dos Santos Dias et al. Mobilizing biodiversity data from the literature – presenting BIOfid
13	Hernandez Nieto et al. Developmental sequence of the chondrocranium in the obligate carnivorous larvae of <i>Lepidobatrachus laevis</i> (Amphibia: Ceratophryidae)	37	Papežík et al. A different future for two species of Balkan water frogs: bioclimatic niche divergence shapes species' responses to climate change
14	Röthlein et al. Long legged or wide-eared: Sexual size dimorphism and interspecific body size differences in Central European brown frogs (genus <i>Rana</i>)	38	Twomey et al. Extreme events: Quantifying the exposure of amphibian species to heat waves, cold spells, and droughts
15	Drobnjaković et al. Artificial light at night and influence on eye structure in <i>Triturus newts</i> (Urodela, Salamandridae)	39	Ibelli Vaz. From one species to a national network: the development of amphibian ex situ conservation in Brazil
16	Tan & Tosunoğlu. Alternative concepts and common beliefs used for amphibians and reptiles in Çanakkale Province	40	Bernabò et al. Conservation of three newt species in the core range of the microendemic Calabrian Alpine newt (<i>Ichthyosaura alpestris inexpectata</i> ; Catena Costiera, Southern Italy): population dynamics, impacts of invasive fish, and habitat assessment
17	Paunović. Urban Wetlands and Forest Islands as Herpetofaunal Refugia: Amphibians and Reptiles of Belgrade's Protected Areas	41	Lauterbach et al. Five year monitoring in the Mulde floodplains, Germany, highlights a hotspot of amphibian diversity and shows its exceptional importance for the conservation of the fire bellied-toad (<i>Bombina bombina</i>)
18	Griesbaum & Pacher. Stripes in the city: Tracing back non-native Grass Snakes (<i>Natrix natrix</i>) in Berlin, Germany	42	Hartmann. Nesting Ecology of the Invasive Pond Slider (<i>Trachemys scripta</i>): Behaviour, Nest Site Choice and Temperature-dependent Sex Determination
19	Jovanović et al. Impact of urbanisation on local amphibian diversity: an example from Belgrade city and suburbia	43	Gjerde. Thirty-eight years of monitoring brown frogs in the Øyeren delta in Norway
20	Rannap. LIFE-IP ForEst&FarmLand project restores 100 small water bodies in intensively used agricultural landscapes in Estonia	44	Gurjar et al. Occupancy Modelling Reveals Key Drivers of Amphibian Habitat Use in German Mining Sites
21	Almeida Pereira Silva & Toledo. Ecological niche modeling reveals future threats to <i>Ceratophrys aurita</i> (Anura: Ceratophryidae), a species with already missing populations in the Atlantic Forest	45	Ferri et al. Conservation of threatened populations of Agile Frog, (<i>Rana dalmatina</i> Bonaparte, 1838) in Italy: when the difference is not remaining indifferent.
22	Segal et al. Frogs Without Borders: Phenology and Eradication Attempt of the Northernmost Invasive Population of African Clawed Frog (<i>Xenopus laevis</i>) in Europe	46	Ferri et al. Topsy-turvy behavior of a relict Apennine population of <i>Vipera ursinii ursinii</i> (Central Italy): a way to cope with climate change pressure ?
23	Kościańska et al. Limbless squamates dominate among road-killed reptiles in Poland		
24	Conan et al. Amphibian PhotoID: Hotspotter stands out!		

Additional information

Looking for help?

LOC members and volunteers wear specially coloured name badges so that they can be easily recognised if you need any help.

Lunch & refreshments

Refreshments and lunch are included in the congress fee and will be served during the session breaks at GSI. You will receive four vouchers for the lunch buffet (one per day, each includes one soft drink) at the registration desk. Water, coffee, tea, and snacks are served during the small breaks. Additional snacks and drinks can be purchased anytime at the GSI's snack bar at one's own expense.

Getting to the venue & parking

We highly recommend to use public transport to get to the venues.

A limited amount of parking spaces is available at the museum's visitor parking lot. Please note that the lot will be closed at night.

The GSI has paid parking (2€/h), accessible via Heinemannstraße. Four free disabled parking spaces are located at the GSI's main entrance on Langer Grabenweg.

Excursion

A guided tour of an arboretum followed by a hike (in total ca. 5 km) through the Siebengebirge will complete the congress. Meeting point is on Saturday, September 13th at 10:00 at the Museum Koenig's entrance. Transport to the excursion site will be arranged by metro. If you wish to go there in your own car, please ask us for directions and parking instructions. The excursion site is within a protected area and the collection of animals is prohibited.

Visiting the museum's exhibition


Congress participants and accompanying persons get free admission to the public exhibition of the Museum Koenig during opening hours*. Please carry your congress badge with you.


*) Tue-Sun 10-18, Wed 10-21

Gustav-Stresemann-Institut (GSI)

Room plan ground floor

SEH2025

 Registration desk

 Conference rooms

 Sponsors

S 29 - S 32 **Salamander Room**

S 25 / S 26 **Grass Snake Room**

S 27 / S 28 **Yellow-bellied Toad Room**

S 34 **Wall Lizard Room**

S 35 **Slow Worm Room**



Supported by

