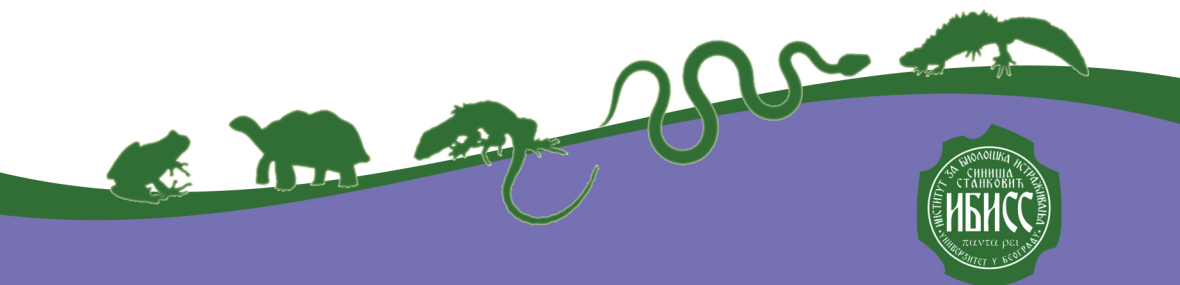




Program Booklet

Belgrade, 2022



**Sponsors of the 21st European Congress of Herpetology Belgrade, Serbia
5th – 9th September 2022**



МИНИСТАРСТВО ПРОСВЕТЕ,
НАУКЕ И ТЕХНОЛОШКОГ РАЗВОЈА

<https://mpn.gov.rs/>

INSTITUTE
FOR NATURE
CONSERVATION
OF SERBIA



ЗАВОД ЗА
ЗАШТИТУ
ПРИРОДЕ
СРБИЈЕ

<https://www.zzps.rs/wp/>

Туристичка
организација
Београда



Tourist
Organization
of Belgrade

<https://www.tob.rs/en>



НАЦИОНАЛНИ ПАРК
ЂЕРДАП

<https://npdjerdap.rs/en/>



Provincial Secretariat
for Higher Education and
Scientific Research of Vojvodina

<http://apv.visokoobrazovanje.vojvodina.gov.rs/>



THE
MUSEUM OF
AFRICAN ART

The Veda and dr Zdravko Pečar Collection

<http://mau.rs/en/home-en.html>

Local Organizing Committee:

- Dr Jelka Crnobraja-Isailović
- Dr Ljiljana Tomović
- Dr Tanja Vukov
- Dr Olivera Bijelić-Čabrilo
- Dr Imre Krizmanić
- Dr Nenad Labus
- Dr Sonja Nikolić
- Dr Rastko Ajtić
- Dr Ana Paunović
- Dr Dragana Stojadinović
- Dr Tijana Vučić
- Dr Marko Anđelković
- Dr Maja Ajduković
- Dr Jelena Čorović
- Dr Bogdan Jovanović
- Dr Marko Mirč
- M.Sc. Danko Jović
- Vukašin Bjelica
- Marko Maričić
- Ana Kijanović
- Aleksandar Simović

Scientific Committee:

- Dr Jelka Crnobraja-Isailović, Serbia
- Dr Tanja Vukov, Serbia
- Dr Ljiljana Tomović, Serbia
- Dr Ana Ivanović, Serbia
- Dr Natalya Ananyeva, Russia
- Dr Aaron Bauer, USA
- Dr Olivera Bijelić-Čabrilo, Serbia
- Dr Miguel A Careterro, Portugal
- Dr Dan Cogalniceanu, Romania
- Dr Claudia Corti, Italy
- Dr Dragana Cvetković, Serbia
- Dr Milena Cvijanović, Serbia
- Dr Dragana Đurić, Serbia
- Dr Gentile Francesco Ficetola, Italy
- Dr Uwe Fritz, Germany
- Dr Ana Golubović, Serbia
- Dr Dušan Jelić, Croatia
- Dr Ulrich Joger, Germany
- Dr Antigoni Kaliontzopoulou, Portugal
- Dr Petros Lymberakis, Greece
- Dr Katarina Ljubisavljević, Serbia
- Dr Borislav Naumov, Bulgaria
- Dr Kurtulus Olgun, Turkey
- Dr Nataša Tomašević-Kolarov, Serbia
- Dr Aleksandar Urošević, Serbia
- Dr Judit Vörös, Hungary
- Dr Ben Wielstra, The Netherlands
- Dr Stefan Zamfirescu, Romania
- Dr Mathieu Denoël, Belgium

SEH Council:

- Dr Mathieu Denoël, President
- Dr Dušan Jelić, Vice President
- Dr Antigoni Kaliontzopoulou, Secretary
- Dr Gentile Francesco Ficetola, Vice Secretary
- Dr Tom Kirschey, Treasurer
- Dr Eva Ringler, Vice Treasurer
- Dr Salvador Carranza, First co-editor
- Dr Judit Vörös, Second co-editor
- Dr José Carlos Brito, Third co-editor
- Dr Hinrich Kaiser, Fourth co-editor

PROGRAM OVERVIEW

Sunday, 4th September 2022			
07:45	Pre-congress excursion National Park “Djerdap”		Departure from “Ilija M. Kolarac” Endowment
Monday, 5th September 2022			
14:00	Registration		“Ilija M. Kolarac “ Main Hall
18:00			
19:00	Congress Opening and Welcome Party		“Ilija M. Kolarac “ Main Hall
Tuesday, 6th September 2022			
9:30	Plenary Lecture (W. Bohme)		Room 1
10:30	COFFEE BREAK (15 min)		
	Room 1	Room 2	Room3
10:45	Biodiversity and Conservation	Anatomy and Morphology	Introduced and Invasive Species
12:30	LUNCH BREAK		
14:30	Biodiversity and Conservation (continued)	Anatomy and Morphology (continued)	Introduced and Invasive Species (continued)
15:30	Round Table: Threats on Amphibians and Reptiles in the Balkan Peninsula		Room 2
16:00	COFFEE BREAK (15 min)		
16:15	Round Table: Threats on Amphibians and Reptiles in the Balkan Peninsula (continued)		Room 2
16:15	Poster Session 1		“Ilija M. Kolarac “ Main Hall
18:15	Student Meeting		Faculty of Biology, University of Belgrade
Wednesday, 7th September 2022			
9:00	Plenary Lecture (D. Cogălniceanu)		Room 1
10:00	COFFEE BREAK (20 min)		
	Room 1	Room 2	Room 3
10:20	Biodiversity and Conservation (continued)	Reproductive systems and Life Histories	10:20 Pathogens
			11:50 Ecophysiology
12:50	Congress Photo		“Ilija M. Kolarac “ Main Hall
13:00	LUNCH BREAK		
14:30	Biodiversity and Conservation (continued)	Populations in Anthropogenically Modified Environments	Ecophysiology (continued)
15:30	COFFEE BREAK (15 min)		
15:45	Ordinary General Meeting Societas Europaea Herpetologica		

Thursday, 8th September 2022			
9:00	Plenary Lecture (X. Bonnet)		Room 1
10:00	COFFEE BREAK (20 min)		
	Room 1	Room 2	Room 3
10:20	Population, Community, and Ecosystem Ecology	10:20 Ecophysiology (continued)	10:20 Biogeography and Distribution
		10:55 European Amphibian Red List Assessment Team Meeting	11:50 Population, Community, and Ecosystem Ecology 2
12:35	LUNCH BREAK		
14:30	Population, Community, and Ecosystem Ecology (continued)	Round Table: Amphibian Fungal Pathogens	European Viper Specialist Group Red List Committee Meeting
16:00	COFFEE BREAK (15 min)		
16:15	Poster Session 2		“Ilija M. Kolarac” Main Hall
20:00	Farewell Dinner		Botanical Garden “Jevremovac”
Friday, 9th September 2022			
9:00	Plenary Lecture (L. Luiselli)		Room 1
10:00	COFFEE BREAK (20 min)		
	Room 1	Room 2	Room 3
10:20	Biology and Evolution of Behavior	Conservation and Population Genetics	Conservation and Population Genetics 2
12:35	LUNCH BREAK		
14:30	Biology and Evolution of Behavior (continued)		
16:00	COFFEE BREAK (15 min)		
16:15	Awards and Closing Ceremony		Room 1
Saturday, 10th September 2022 – Monday 12th September 2022			
7:45	Post-congress field trip: Western Serbia: Uvac Gorge, Tara National Park, Rzav River Canyon		Departure from “Ilija M. Kolarac” Endowment

Tuesday, 6th September 2022

9:30
10:30

PLENARY LECTURE (Room 1) Böhme, W. History of Herpetological Research on the Balkan Peninsula Chairman: Jelka Crnobrnja-Isailović		
--	--	--

COFFEE BREAK (15 min)

10:45
11:00

11:00
11:15

11:15
11:30

11:30
11:45

Room 1	Room 2	Room 3
Biodiversity and Conservation Chairmen: Cristophe Dufresnes, Sylvain Ursenbacher Tomović et al. Presenter: Tomović, Lj.	Anatomy and Morphology Chairmen: Aaron Bauer, Aleksandar Urošević Cvijanović et al. Presenter: Cvijanović, M.	Introduced and Invasive Species Chairmen: Raoul Manenti, Katarina Ljubisavljević Pille et al. Presenter: Pille, F.
Establishment of ecological networks in Serbia – field research of batracho- and herpetofauna	What is hiding in the <i>Bufo</i> skin? Revealing of the structures in the skin of European toads using standard histological and micro-CT techniques	Predation patterns of invasive water frogs (<i>Pelophylax ridibundus</i>) in pond environments
Krásá et al. Presenter: Krásá, A.	Vučić et al. Presenter: Vučić, T.	Vučić et al. Presenter: Vučić, M.
Czech herpetofauna monitoring and mapping	Insights from the inside: 3D embryonic development of <i>Triturus</i> newts	Insight into the diversity of water frogs (genus <i>Pelophylax</i>) in Croatia and the cryptic invasion of Balkan water frog <i>Pelophylax kurtmuelleri</i>
Osojnik et al. Presenter: Osojnik, N.	Rupik et al. Presenter: Rupik, W.	Kruger et al. Presenter: Kruger, N.
LIFE Integrated Project for Enhanced Management of Natura 2000 in Slovenia – An expert basis for Amphibian Conservation in two selected Natura 2000 sites	Comparative 3D studies of pancreas morphogenesis in lizards of two clades: <i>Lacerta agilis</i> (Lacertoidea) and <i>Lepidodactylus lugubris</i> (Gekkota)	Is there no place like home? Response of African Clawed frog tadpoles to novel environments
Sahlean et al. Presenter: Sahlean, T.	Kaczmarek et al. Presenter: Kaczmarek, P.	Czurda et al. Presenter: Czurda, J.
The right of passage: Nature corridors for the amphibians and reptiles in Romania	Diversity of the vomeronasal sensory epithelium in non-ophidian squamates - a structural and ultrastructural study	Hybridization in crested newts (<i>Triturus</i>) at the outskirts of Vienna: limited introgression across a disrupted contact zone and sporadic introductions of non-native newts

11:45 12:00	Sacdanaku et al. Presenter: Sacdanaku, E. Updating knowledge on the herpetofauna of an endangered ecosystem: the Vjosa river (Albania)	Riedel et al. Presenter: Riedel, J. Ecomorphology of the locomotor apparatus of the genus <i>Cyrtodactylus</i> (Gekkota, Squamata)	Martins et al. Presenter: Rato, C. Exotic supper: Exploring the diet composition of <i>Tarentola mauritanica</i> gecko in Madeira Island under a metabarcoding approach
	Iković et al. Presenter: Iković, V. The impact of traffic on the reptiles and amphibians in the Nature Park „River Zeta"	Mármol-Guijarro et al. Presenter: Mármol-Guijarro, A. M. A Virtual Museum: 3D reconstruction of Ecuadorian type specimens of herpetofauna	Damas-Moreira et al. Presenter: Damas-Moreira, I. How to outcompete a native lizard? Violence is not always the answer
12:00 12:15			
12:15 12:30	Petrovan and Sutherland, Presenter: Petrovan, S. O. An evidence-based approach to conservating amphibians and reptiles in Europe	Tisza et al. Presenter: Móré, A. A novel geometric morphometric approach to identify snake prey vertebrae from raptor bird nests	Oskyrko et al. Presenter: Oskyrko, O. Where are you coming from? New data on introduced reptiles in Ukraine

LUNCH BREAK

14:30 14:45	Biodiversity and Conservation (Continued) Chairman: Judit Vörös Polynova et al. Presenter: Polynova, G. A. Influence of overgrowing processes in sandy deserts and semi-deserts on the abundance and species diversity of reptiles	Anatomy and Morphology (Continued) Chairman: Milena Cvijanović Barzaghi et al. Presenter: Barzaghi, B. Preliminary study on differences characterizes the populations of olm (<i>Proteus anguinus</i>) in cave and those found in epigean environment	Introduced and Invasive Species (Continued) Chairman: Catarina Rato Mondino et al. Presenter: Ursenbacher, S. Impact of invading species on biodiversity: diet study of the Green Whip Snake's (<i>Hierophis viridiflavus</i> , L. 1789) in Switzerland
	Ballouard et al. Presenter: Ballouard, J.M. Experimental reinforcement of Hermann tortoise populations impacted by fire	Urošević et al. Presenter: Urošević, A. Vertebral regionalization vs. morphological integration in <i>Lissotriton</i> newts	Lužnik et al. Presenter: Lužnik, M. Yellow-bellied toads in garden ponds: a successful habitat creation, and a support for long-term population persistence
14:45 15:00			

	Mali et al. Presenter: Mali, I.	Veerappan et al. Presenter: Veerappan, D.	Ginal et al. Presenter: Ginal, P.
15:00	Application of occupancy modeling framework to inform conservation of a small terrestrial turtle	Diet and habit explain head-shape convergences in natricine snakes	More time for aliens? Performance shifts lead to increased activity time budgets propelling invasion success
15:15			
	Mićanović et al. Presenter: Mićanović, A.		
15:15	Distribution and population size of the freshwater turtles (<i>Emys orbicularis</i> and <i>Mauremys rivulata</i>) on the Montenegrin coast		
15:30			
15:30	Round Table: Threats on Amphibians and Reptiles in the Balkan Peninsula (Room 2)		Chairman: Dušan Jelić
16:00			
COFFEE BREAK (15 min)			
16:15	Round Table: Threats on Amphibians and Reptiles in the Balkan Peninsula (Continued) (Room 2)		Chairman: Dušan Jelić
17:00			
	Poster Session 1 Sessions: Biodiversity Conservation; Introduced and Invasive Species; Pathogenes; Populations in anthropogenically modified environments; Conservation and Population Genetics; Biogeography and Distribution		“Ilija M. Kolarac” Main Hall
16:15			
17:45			

Wednesday, 7th September 2022

PLENARY LECTURE (Room 1)

Cogălniceanu, D.

Skeletochronology - a valuable tool in ectotherm population biology studies

Chairman: Ana Ivanović

COFFEE BREAK(20 min)

9:00
10:00

10:20
10:35

10:35
10:50

10:50
11:05

Room 1	Room 2	Room 3
Biodiversity and Conservation (Continued) Chairmen: Wolfgang Böhme, Martina Lužnik	Reproductive Systems and Life Histories Chairmen: Dan Cogălniceanu, Tijana Vučić	Pathogens Chairman: Silviu Petrovan, Andreas Maletzky
van Doorn et al. Presenter: van Doorn, L.	Dittrich et al. Presenter: Dittrich, C	Kásler et al. Presenter: Kásler, A.
At the forefront of conservation: integrating science and amphibian reintroductions in Flanders, Belgium	Parental care and paradox decisions: does relatedness play a role in nursery choice?	Optimization of heat-treatment against chytridiomycosis in <i>Bufo bufo</i> tadpoles
Denoël Presenter: Denoël, M.	Lunghi Presenter: Lunghi, E.	Ljubisavljević et al. Presenter: Vukov, T.
Facultative paedomorphic newts in the Balkans: hotspot, habitats, declines, and threats	Preliminary data on the seasonal growth rate of the Italian cave salamander <i>Speleomantes italicus</i>	Occurrence of chytrid fungus (<i>Batrachochytrium dendrobatidis</i>) and body condition in syntopic water frogs <i>Pelophylax shqipericus</i> and <i>P. ridibundus</i>
Petrovan and Sutherland Presenter: Petrovan, S. O.	Ruthsatz et al. Presenter: Ruthsatz, K.	Kok et al. Presenter: Kok, P. J.R.
Toads in trees and spots on frog. Using citizen science tools to learn new things about well-known amphibians	Microplastics have sublethal effects on amphibian larvae and lead to post-metamorphic carry-over effects: A study with polyethylene microplastics and <i>Xenopus laevis</i>	Tourist incursions predict chytrid load in amphibians from the pristine "Lost World"

11:05 11:20	Herder and Janse Presenter: Herder, J. E.	Hettzey et al. Presenter: Hettzey, A.	Leeming et al. Presenter: Leeming, S.
	Successful translocation of moor frog (<i>Rana arvalis</i>) and pool frog (<i>Pelophylax lessonae</i>) in the Netherlands	Ecotoxicology in a complex world: combined effects of pesticides and pathogens during early life in an anuran amphibian, <i>Rana dalmatina</i>	Ectoparasitism in Polystomatidae (Neodermata, Monogenea): phylogenetic position and mitogenome of <i>Sphyrnura euryceae</i> , a parasite of the Oklahoma salamander
11:20 11:35	Janse et al. Presenter: Janse, J.	Muraro et al. Presenter: Muraro, M.	Ecophysiology Chairman: Nataša Tomašević Kolarov
	Conservation practices of yellow-bellied toad and midwife toad in The Netherlands	Drivers of sexual dimorphism variation across populations of the Italian wall lizard at different spatial scales	
11:35 11:50	Brito et al. Presenter: Brito, J. C.	Roitberg et al. Presenter: Roitberg, E. S.	Stückler et al. Presenter: Stückler, S.
	Diversity, distribution and conservation of the West African Crocodile in Mauritania	Variation in body size and sexual size dimorphism in the lizard <i>Zootoca vivipara</i> : The effects of reproductive mode revisited	Evidence that catecholaminergic systems are evolutionarily co-opted to mediate dynamic colour change during explosive breeding events in toads
11:50 12:05	Billy et al. Presenter: Billy, G.	Bouazza et al. Presenter: Bouazza, A.	Kijanović et al. Presenter: Kijanović, A.
	Strict nature reserve status and snake population maintenance	Elevation influences reproductive traits and maternal conditions in an alpine gecko	Desiccation stress response of <i>Bombina variegata</i> tadpoles
12:05 12:20	Zotos et al. Presenter: Zotos, S.	Zeigler et al. Presenter: Ziegler, C.	Carretero et al. Presenter: Carretero, M. A.
	Predicting mortality risks of colubrid snakes on Cyprus roads using habitat suitability modelling	Optimal body mass-length ratio during hibernation for <i>Emys orbicularis</i> (Linnaeus, 1758) – European Pond Turtle	Has fundamental niche shifted in the Aeolian <i>Podarcis</i> ? An ecophysiological investigation

	Stark and Janssen Presenter: Stark, T.	Čubrić and Crnobrnja-Isailović Presenter: Čubrić, T.
12:20	Integrating citizen science with grass snake conservation: six-year results of an online management tool for grass snake breeding heaps in the Netherlands	Limited body temperature variation in the <i>Vipera ammodytes</i> (Linnaeus, 1758) during six years study
12:35		
12:50	Congress Photo “Ilija M. Kolarac” Main Hall	
13:00		

LUNCH BREAK

	Biodiversity and Conservation (Continued) Chairman: Dušan Jelić	Populations in Anthropogenically Modified Environments Chairman: Dragana Cvetković	Ecophysiology (Continued) Chairman: Savvas Zotos
14:30	Mebert et al. Presenter: Mebert, K.	Vacher et al. Presenter: Vacher, J. P.	Šunje and Van Damme Presenter: Šunje, E.
14:45	Dwarf vipers come out big	Field hedgerows and wood edges are critical habitats for amphibians and reptiles in agricultural landscapes: a case study in western France	Alpine salamanders from drier environments are more resistant to water loss compared to conspecifics from wetter habitats
14:45	Martínez-Freiria et al. Presenter: Martínez-Freiria, F.	Clement et al. Presenter: Clement, V.	Jovanović Glavaš et al. Presenter: Jovanović Glavaš, O.
15:00	IUCN Red List assessment of the Western Mediterranean vipers, <i>Vipera latastei</i> and <i>Vipera monticola</i> . New perspectives derived from a taxonomic update	Site occupancy monitoring and influence of landscape features on the occurrence of the European treefrog (<i>Hyla arborea</i>) in the Upper Rhine valley	Effects of artificial light at night on green toad development
15:00	Rák et al. Presenter: Rák, G.	Burgstaller et al. Presenter: Burgstaller, S.	Žagar et al. Presenter: Žagar, A.
15:15	Effects of different grassland management regimes on the abundance of the endangered Hungarian meadow viper (<i>Vipera ursinii rakosiensis</i>)	The urban green toad: history, population structure and ecological adaptations of an inner-city population in Central Europe	Can we use metabolic parameters to understand thermal preferences? A case study of five lacertid lizards

15:15	Stamenković et al. Presenter: Crnobrnja-Isailović, J.	Iryshkov et al. Presenter: Nikolaev, O. D.
15:30	Pesticides in the eggshells and nests of <i>Testudo hermanni</i> in a complex habitat system	Thermobiological basis of cooperation in small heliothermic lizards of the genus <i>Darevskia</i>

COFFEE BREAK(15 min)

15:45	Ordinary General Meeting Societas Europaea Herpetologica
18:00	

Thursday, 8th September 2022

9:00	PLENARY LECTURE (Room 1) Bonnet, X. A whim of the gods: reptiles in the Garden of Eden Chairman: Ljiljana Tomović
10:00	

COFFEE BREAK (20 min)

	Room 1	Room 2	Room 3
	Population, Community and Ecosystem Ecology Chairmen: Luca Luiselli, Stefan Zamfirescu	Ecophysiology Chairman: Anamarija Žagar	Biogeography and Distribution Chairman: Jose Brito
10:20	Arntzen Presenter: Arntzen, J. W.	Damm et al. Presenter: Damm, M.	Bauer and Stanley Presenter: Bauer, A.
10:35	Atlas data reveal pattern and process of species replacement	Diverse like a Cocktail Bar – Snake Venom Proteomics of the Old World Vipers	Mapping the Amphibians and Reptiles of Namibia
10:35	Manenti et al. Presenter: Manenti, R.	Lakušić et al. Presenter: Lakušić, M.	Bouazza et al. Presenter: Bouazza, A.
10:50	Activity of the olm (<i>Proteus anguinus</i>) in surface habitats: ecological and evolutionary insights	Food for thought: Venom composition of <i>Vipera ammodytes</i> from the island and mainland population is likely related with diet	Evaluating the impact of water holes during the covid-19 lockdown on Herpetofaunal community in arid regions southern Morocco

10:50	DiGregorio and Lunghi Presenter: Di Gregorio, M.	10:55 – 12:35 European Amphibian Red List Assessment Team Meeting	Baptista et al. Presenter: Baptista, N. L.
11:05	Trophic niche of an epigeal population of <i>Speleomantes sarrausensis</i>		New Bufonids from understudied Angolan centers of endemism
11:05	Lunghi et al. Presenter: Corti, C.		Hyseni et al. Presenter: Hyseni, A.
11:20	The diet of two sympatric salamanders, the Fire salamander and the Italian cave salamander		Some characteristic data of Reptiles in the protected area of Gemia
11:20	Breka et al. Presenter: Breka, K.		Maddock et al. Presenter: Maddock, S. T.
11:35	Is trophic differentiation of green frogs in <i>Pelophylax ridibundus</i> - <i>P. esculentus</i> - <i>P. lessonae</i> population systems in South Banat, Serbia related to habitat suitability?		Evolutionary patterns in New Guinea small-eyed snakes (<i>Micropechis ikaheka</i>) inferred with museum approaches
11:35	Kirkpatrick et al. Presenter: Kirkpatrick, B.		Population, Community, and Ecosystem Ecology 2 Chairman: Olga Jovanović Glavaš
11:50	Combining models and field observation to predict impacts of drought on temperate amphibians		
11:50	Blažević et al. Presenter: Blažević, M.		Limnios et al. Presenter: Limnios, A.
12:05	Assessing microhabitat preferences and population density using capture-mark-recapture method for <i>Telescopus fallax</i> (Fleischman, 1831) in Central Dalmatia		Does climate crisis threaten Greek Amphibians? A species distribution modelling and time-series analysis approach

12:05 12:20	Mao and Lin Presenter: Mao, J. J. A 12 years monitoring of <i>Trimeresurus stejnegeri</i> population during extreme climate events in northeastern Taiwan		Lo Parrino et al. Presenter: Lo Parrino, E. Factors influencing occupancy and reproduction probabilities in amphibians: an application of multistate occupancy models
12:20 12:35	Stamatiou et al. Presenter: Stamatiou, M. Impact of climate change on the distribution of the island endemic <i>Natrix natrix cypriaca</i>		Koller Šarić et al. Presenter: Koller Šarić, K. Population size estimation of the Yellow-bellied Toad (<i>Bombina variegata</i>) at two locations along the Sutla River (Maceljska gora and Hum na Sutli), Croatia

LUNCH BREAK

	Population, Community and Ecosystem Ecology (Continued) Chairman: Claudia Corti	14:30 - 16:00 Round Table Amphibian Fungal Pathogens (Chairmen: Tanja Vukov, Katarina Ljubisavljević)	14:30 - 16:00 European Viper Specialist Group Red List Committee
14:30 14:45	Szabolcs et al. Presenter: Szabolcs, M. The effects of topography and climate fluctuations on the species and lineage richness of amphibians and reptiles living in the Balkan Peninsula		
14:45 15:00	Dajčman et al. Presenter: Dajčman, U. Lacertid competition: Insights from mechanistic modelling		
15:00 15:15	Schmitz et al. Presenter: Rodder, D. Spatiotemporal patterns of habitat use by the sand lizard (<i>Lacerta agilis</i> Linnaeus, 1758): Effects of climatic seasonality?		

15:15	Rocha and Maia-Carneiro		
15:30	Presenter: Rocha, C. F. D.		
	Diverging niche dimensions in two syntopic lizard genus <i>Tropidurus</i> living in an area of the Caatinga Biome in Northeastern Brazil		
	Arsovski et al.		
15:30	Presenter: Arsovski, D.		
15:45	Brutal tortoise kismet: causes and consequences of extreme sex-ratio bias and insufferable sexual conflict		

COFFEE BREAK (15 min)

16:15	Poster Session 2 Sessions: Population, Community, and Ecosystem Ecology; Ecophysiology; Biology and Evolution of Behavior; Paleoherpetology; Reproductive Systems and Life Histories; Anatomy and Morphology	“Ilija M. Kolarac” Main Hall
17:45		
20:00	Farewell Dinner Botanical Garden “Jevremovac”	
23:00		

Friday, 9th September 2022

PLENARY LECTURE (Room 1)

Luiselli, L.

Community structure and conservation ecology of West African turtles and tortoises: a synthesis of 25 years of data

Chairman: Tanja Vukov

COFFEE BREAK (20 min)

9:00
10:00

10:20
10:35

10:35
10:50

10:50
11:05

11:05
11:20

Room 1	Room 2	Room 3
Biology and Evolution of Behavior Chairmen: Xavier Bonnet, Miguel Carretero	Conservation and Population Genetics Chairmen: Ulrich Joger, Fernando Martinez-Freiria	Conservation and Population Genetics 2 Chairman: Daniel Jablonski, Jan Willem Arntzen
Glogoški et al. Presenter: Glogoški, M.	O'Brien et al. Presenter: O'Brien, D.	Dufresnes Presenter: Dufresnes, C.
Sociability and aggressivity of insular Italian wall lizard vary in dependence on ecological conditions	From trees to <i>Triturus</i> – why we need to rethink our approach to protected areas for amphibians and reptiles	Genomic phylogeography as a lie detector to traditional molecular taxonomy in amphibians
Gojak et al. Presenter: Lisičić, D.	Dursun et al. Presenter: Dursun, C.	Stanković et al. Presenter: Stanković, D.
The effect of chemosensory enrichment on habituation in captive common wall lizards (<i>Podarcis muralis</i>)	The intraspecific mtDNA differentiation of <i>Bufo verrucosissimus</i> (Pallas, 1814)	Extended insights into genetic diversity of alpine newts in the Julian Alps (Slovenia)
Galoyan et al. Presenter: Galoyan, E.	Petzold et al. Presenter: Petzold, A.	Talavera et al. Presenter: Talavera, A.
The consequences of interspecies relations between different species of rock lizards (<i>Darevskia</i>)	Conquering taxonomic impediments within cophylinae frogs (Anura: Microhylidae: Cophylinae) using a type-specimen explicit protocol for integrative species delimitation	Genomic insights into a critically-endangered glacial relict – the Montseny brook newt
Sopilko and Golyan Presenter: Sopilko, N. G.	Di Canio et al. Presenter: Di Canio, V.	Recknagel et al. Presenter: Recknagel, H.
Sisterhood in reptiles: how and why females of viviparous lizard <i>Zootoca vivipara</i> aggregate together?	Reliability of de novo assembly of ddRAD sequences for population genetics in non-model species	Multiple independent transitions to cave life and high diversity in the olm

11:20	Tan et al. Presenter: Tan, W. C.	Antoniou et al. Presenter: Antoniou, T.	Ambu et al. Presenter: Ambu, J.
11:35	Bite or run? Ecomorphological relationship in African agamas	Patterns of Genetic Diversity in Two Endemic Lizard Populations of Cyprus	The evolution of midwife toads (<i>Alytes</i>) revisited: a genomic approach
11:35	Golubović et al. Presenter: Golubović, A.	Burriel-Carranza et al. Presenter: Burriel- Carranza, B.	Velenská and Šmíd Presenter: Velenská, D.
11:50	Turtles racing for resources: Locomotor performances of sympatric populations of <i>Emys orbicularis</i> and <i>Mauremys rivulata</i>	Using genomics to reveal the diversity and biogeography of the Hajar Mountains' endemic reptiles	Systematics and biogeography of the colubrid genus <i>Platyceps</i>
11:50	Maričić et al. Presenter: Maričić, M.	Meier et al. Presenter: Meier, N.	Riaño et al. Presenter: Riaño, G.
12:05	What steers you to turn over? Analyses of European Pond Turtle righting success and performance	Lack of reproductive isolation between the two subspecies of the European whip snake <i>Hierophis viridiflavus</i>	Genomics reveal mitonuclear discordance and introgression in the desert- adapted vipers of the genus <i>Cerastes</i>
12:05	Bjelica et al. Presenter: Bjelica, V.	Joger and Hugemann Presenter: Joger, U.	Spaseni et al. Presenter: Spaseni, P.
12:20	Drop dead gorgeous: death feigning behaviour in three distinct colour morphs of dice snakes	The Alpine clade of <i>Vipera</i> <i>berus</i> – a new but still puzzling taxon for the European snake fauna	So close, no matter how far': A remarkable new record extends the distribution, but not the genetic diversity of the Moldavian meadow viper (<i>Vipera ursinii moldavica</i>)
12:20	Halpern et al. Presenter: Halpern, B.		Mizsei et al. Presenter: Mizsei, E.
12:35	Testing the effects of captive environment on individual variation in feeding behaviour of juvenile Hungarian meadow vipers (<i>Vipera ursinii rakosiensis</i>)		Conservation genomics shows limited negative effects of isolation in an endangered venomous snake living on sky islands

LUNCH BREAK

		Biology and Evolution of Behavior (Continued)
		Chairman: Ana Golubović
		Strugariu and Martin
		Presenter: Strugariu, A.
14:30		Factor in fear? Disentangling
14:45		the roles of exploitative
		versus interference
		competition in disruptive
		selection
		Zotos
14:45		Presenter: Zotos, S.
15:00		Decrypting reptiles'
		behaviour through small size
		accelerometers
		Sos et al.
		Presenter: Sos, T.
15:00		Consistency on the cold-hot
15:15		types continuum:
		thermoregulation and
		personality study in
		viviparous lizard
		Petrović et al.
		Presenter: Petrović, S.
15:15		Every snake for itself:
15:30		Antipredator behavior of
		two syntopic populations of
		<i>Natrix</i> snakes
		Mirč et al.
		Presenter: Mirč, M.
15:30		How good are European tree
15:45		frog (<i>Hyla arborea</i>) tadpoles
		in hiding?
		COFFEE BREAK (15 min)
16:15		
17:45		Awards and Closing Ceremony (Room 1)

**Sponsor of the 21st European Congress of Herpetology Belgrade, Serbia 5th –
9th September 2022**



**Organizers of the 21st European Congress of Herpetology Belgrade,
Serbia 5th – 9th September 2022**



<https://www.seh-herpetology.org/>



<https://www.ibiss.bg.ac.rs/>



<https://www.bio.bg.ac.rs/>



<https://www.pmf.uns.ac.rs/>



<https://www.pmf.kg.ac.rs/>



<https://www.pmf.ni.ac.rs>



<https://www.pmf.pr.ac.rs/>



<https://nhmbeo.rs/>



**Srpsko Herpetološko Društvo
"Milutin Radovanović"**

<https://www.shdmr.org/>