

Scientific program

Thursday 22 September 2016

20:00 Icebreaker meeting in the premises of the Croatian Biospeleological Society, at the address Lomnička 3

Friday 23 September 2016

8:30-9:00 Registration
9:00-9:20 Opening – Martina Pavlek


Symposium of Cave species genome evolution project

- 9:20 Marco Isaia*, Stefano Mammola
Climate change drives subterranean spiders to extinction: the response of *Troglohyphantes* spiders to global warming
- 9:40 Stefano Mammola*, Marco Isaia
Niche overlap and competition in subterranean spiders
- 10:00 Miquel A. Arnedo*, Fulvio Gasparo
Origin and diversification of the cave-dwelling spider genus *Stalita* in the Dinaric karst
- 10:20-10:50 Coffee break**

1st Dinaric Symposium on Subterranean Biology

- 10:50 Jana Bedek
Croatian Biospeleological Society – the first 20 years
- 11:10 Dragan Antić*, Tvrtko Dražina, Sofija Pavković Lučić, Luka Lučić, Slobodan Makarov
Cave-dwelling millipedes (Myriapoda, Diplopoda) in the Dinaric Region: diversification and biogeographic features
- 11:30 Fulvio Gasparo, Fabio Stoch*
Species diversity in the northwestern part of the Dinaric Karst in Italy





**1st Dinaric Symposium
on Subterranean Biology**

23rd - 24th September 2016
Zagreb, Croatia

- 11:50 Ivo Karaman*, Mladen Horvatović
Complexity of the Dinaric cave fauna: the case of the genera *Cyphonethes* Verhoeff, 1926 and *Titanethes* Schioedte, 1849 (Isopoda: Oniscoidea: Trichoniscidae)
- 12:10-14:00 Lunch**
- 14:00 Fabio Stoch*, Teo Delić, Cene Fišer, Jean-François Flot
Dinaric species in peninsular Italy: a molecular perspective in explaining trans-Adriatic distribution in the genus *Niphargus* (Crustacea, Amphipoda)
- 14:20 Teo Delić*, Slavko Polak, Peter Trontelj
Molecular phylogeny of the hygropetricolous cave beetle genus *Hadesia*
- 14:40 Špela Gorički*, David Stanković, Magdalena Năpăruș-Aljančič, Aleš Snoj, Gregor Aljančič
Searching for black *Proteus* (*Proteus anguinus parkelj*) in karst groundwater with the help of eDNA
- 15:00-15:30 Poster session**
- 15:30 Špela Borko*, Teo Delić, Peter Trontelj
Testing the uniqueness of fauna in deep caves
- 15:50 Teo Delić*, Peter Trontelj, Cene Fišer
Thermal adaptation and ecological speciation in subterranean fauna
- 16:10 Žiga Fišer*, Zarja Muršič, Peter Trontelj
Evolution of behavioral response to light in subterranean populations of the freshwater isopod *Asellus aquaticus*
- 16:30-17:00 Coffee break**
- 17:00 Ivo Lučić
History of subterranean fauna: dragon, photo-model and bio-indicator
- 17:20 Lada Lukić Bilela*, Damir Smajić, Roman Ozimec
The caves of the Sarajevo canton: conservation and protection
- 17:40 Roman Ozimec*, Lada Lukić Bilela, Branko Jalžić, Ana Soldo
The Biospeleological Museum Vjetrenica: a new model for biospeleology promotion



Organized by: Croatian Biospeleological Society, Ruđer Bošković Institute

www.dinaric-symposium.hbsd.hr





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Zagreb, Croatia

- 19:00** **National and university library in Zagreb, at the address Hrvatske Bratske Zajednice 4**
- **Opening ceremony of the exhibition Cave fauna of the Krka National Park**
 - **premiere of documentary film "Krka River-secrets of underground"**
 - **social event with local delicacies**
- 21:00** **Social event in bar "Route 66" or "Spunk" depending on the weather conditions**

Saturday 24 September 2016

- 9:00 Marko Lukić
Potential and limitation of cave Collembola research in Dinaric karst
- 9:20 Dalibor Z. Stojanović*, Boris D. Dudić, Vladimir T. Tomić, Bojan M. Mitić
The cave species of the centipede genus *Lithobius* Leach, 1814 (Chilopoda: Lithobiomorpha: Lithobiidae) originally described from Dinarides
- 09:40 Lubomír Kováč*, Roman Ozimec
New cave Collembola from the Dubrovnik region, Croatia
- 10:00 Marjan Komnenov
The faunistic diversity of cave spiders (Arachnida, Araneae) of the Dinarides
- 10:20 Maja Zigmajster
SubBioDatabase – a tool for research and conservation of subterranean biodiversity of the whole Dinarides
- 10:40-11:10** **Coffee break**
- 11:10 Gordan Karaman
New data of subterranean Amphipoda in the Dinaric karst of Croatia and adjacent regions
- 11:30 Slavko Polak
Egon Pretner's (1896-1982) contribution to the knowledge of the subterranean beetles (Coleoptera) fauna of Croatia
- 11:50 Najla Baković
Biodiversity of protozoa in Dinaric karst
- 12:10 Andrej Mock
First data on the occurrence of tiny polydesmids (Diplopoda: Trichopolydesmidae) in Slovenia



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13:30 **Field excursion in the area of town Ogulin**

21:00 **Dinner and overnight in apartment Bjelolasica, Jasenak, Ogulin**

Sunday 25 September 2016

----- trip home

* An asterisk identifies presenting author



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