

Tular Cave Laboratory
SOCIETY FOR CAVE BIOLOGY

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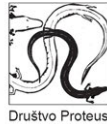
2nd International meeting SOS *Proteus* Conservation of black *Proteus* and its habitat: 30 years after its discovery

organised within the project “**Invasive species never rest: raising awareness and prevention about the negative impact of invasive species on the European threatened species**” (2016-2017), in partnership with *Societas Herpetologica Slovenica* and *Slovenian Odonatological Society*, co-funded by the *Slovenian Ministry of the Environment and Spatial Planning*, together with the honourable host, *Mrs. Mojca Čemas Stjepanovič*, the mayor of the Municipality of *Črnomelj*, Slovenia, and our regional partner the *Society Proteus*,

at the **Conference hall OOZ Črnomelj, Ulica 21. oktobra 10, Črnomelj, Slovenia**,
in the neighbourhood of the black *Proteus*,
on **10th December 2016**

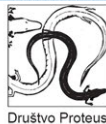
DETAILED PROGRAM

Morning session		
8.00 – 8.45	Registration of participants	
8.45 – 9.00	Opening of meeting and welcome speeches	Mojca Čemas Stjepanovič , Mayor of Črnomelj Municipality, Gregor Aljančič , head of Tular Cave Laboratory
9.00 – 9.20	Keynote lecture: The black cave salamander (<i>Proteus anguinus parkelj</i>) - its history and some other curiosities	Boris Sket , Biotechnical Faculty, Department of Biology, University of Ljubljana, Slovenia
HABITAT AND ECOLOGY		
Chair: Peter Trontelj		
9.20 – 9.35	On discovery of the black <i>Proteus</i> in 1986	Andrej Mihevc , Karst Research Institute, ZRC SAZU, Slovenia
9.35 – 9.50	Life and karst on the border between Slovenia and Croatia	Nadja Zupan Hajna , Karst Research Institute, ZRC SAZU, Slovenia



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9.50 – 10.05	Comprehensive approach to protection of <i>Proteus</i> at Kočevje polje	Mitja Prelovšek , <i>Karst Research Institute, ZRC SAZU, Slovenia</i>
10.05 – 10.25	GIS analysis of black <i>Proteus</i> habitat pollution	Magdalena Năpăruș-Aljančič¹ , Špela Gorički ¹ , David Stankovič ^{1,2} , Matjaž Kuntner ³ & Gregor Aljančič ¹ , ¹ Tular Cave Laboratory, Society for Cave Biology, Slovenia; ² Department of Life Sciences, University of Trieste, Italy; ³ Institute of Biology, ZRC SAZU, Slovenia
10.25 – 10.40	The problematic of cave pollution in Bela Krajina	Daniela Ribeiro & Jure Tičar, <i>Anton Melik Geographical Institute, ZRC SAZU, Slovenia</i>
10.40 – 11.15	Coffee break	
VETERINARY AND DEVELOPMENTAL RESEARCH Chair: Dušan Jelić		
11.15 – 11.30	Microbial and parasitic threats to <i>Proteus</i>	Rok Kostanjšek <i>Biotechnical Faculty, Department of Biology, University of Ljubljana, Slovenia</i>
11.30 – 11.45	Veterinary management of <i>Proteus anguinus</i> in captivity	Maja Lukač¹ , Cizelj I. ² , Mutschmann F. ³ , Horvatek Tomić D. ¹ , Gottstein Ž. ¹ , Jelić D. ⁴ , Prukner-Radovčič E. ¹ , ¹ Faculty of Veterinary Medicine, University of Zagreb, Croatia; ² Zagreb Zoo, Croatia; ³ Exomed, Germany; ⁴ Croatian Institute for Biodiversity, Croatian Herpetological Society, Croatia
11.45 – 12.00	Ultrasound examination of olms	Suzanne Holtze¹ , Maja Lukač ² , Ivan Cizelj ³ , Frank Mutschmann ⁴ , Claudia Anita Szentiks ¹ , Dušan Jelić ⁵ , Robert Hermes ¹ , Frank Göritz ¹ & Thomas Bernd Hildebrandt ¹ , ¹ Leibniz Institute for Zoo and Wildlife Research, Germany; ² Faculty of Veterinary Medicine, University of Zagreb, Croatia; ³ Zagreb Zoo, Croatia; ⁴ Exomed - Institute for veterinary care of low vertebrates and exotics GbR, Germany; ⁵ Croatian Institute for Biodiversity, Croatia
12.00 – 12.15	The <i>Proteus</i> of Hermann's Cave	Anne Ipsen & Friedhart Knolle, <i>German Speleological Federation, Germany</i>
12.15 – 12.30	What is causing reproductive abnormalities in <i>Proteus</i> ?	Lilijana Bizjak Mali¹ & Stanley K. Sessions ² ¹ Biotechnical Faculty, Department of Biology, University of Ljubljana, Slovenia; ² Department of Biology, Hartwick College, NY, USA
12.30 – 12.45	Morphology and cultivation of <i>Proteus</i> blood cells	Tajda Gredar & Lilijana Bizjak Mali, <i>Biotechnical Faculty, Department of Biology, University of Ljubljana, Slovenia</i>
13.15 – 14.45	Lunch break	



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Afternoon session		
CONSERVATION AND FIELD RESEARCH		
Chair: Mitja Prelovšek		
14.45– 15.00	Population size of <i>Proteus anguinus</i> in Croatia	Dušan Jelić <i>Croatian Institute for Biodiversity, Croatia</i>
15.00 – 15.15	Body size variation within and between <i>Proteus</i> populations	Žiga Fišer¹ , Valerija Zakšek ¹ , Magdalena Năpăruș-Aljančič ² , Gregor Aljančič ² , Teo Delić ¹ & Peter Trontelj ¹ , ¹ <i>Biotechnical Faculty, Department of Biology, University of Ljubljana, Slovenia;</i> ² <i>Tular Cave Laboratory, Society for Cave Biology, Slovenia</i>
15.15 – 15.30	Progress in the conservation genetics of <i>Proteus</i>	Valerija Zakšek & Peter Trontelj , <i>Biotechnical Faculty, Department of Biology, University of Ljubljana, Slovenia</i>
15.30 – 15.45	Observations and research directions on <i>Proteus</i> population of the Vruljak System (Eastern Hercegovina, RS, BiH)	Gergely Balázs¹ & Brian Lewarne² , ¹ <i>Eötvös Lóránd Science University, Hungary;</i> ² <i>The Devon Karst Research Society, UK</i>
15.45 – 16.00	<i>Proteus</i> hunters	Ciril Mlinar – Cic <i>CICFILM PRODUCTION</i>
	SOS <i>Proteus</i> – EN version	Tular Cave Laboratory & Studio CEBRAM
16.00 – 16.30	DISCUSSIONS, CONCLUSIONS AND NEXT STEPS Chair: Gregor Aljančič	
17.00 – 18.00	Guided visit at the spring of Jelševnik (black <i>Proteus</i> habitat) Guide: Andrej Hudoklin	
18.00	Closing of workshop at the spring of Jelševnik Zupančič family	



Spring of Jelševnik



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FURTHER INFORMATION

Contact persons

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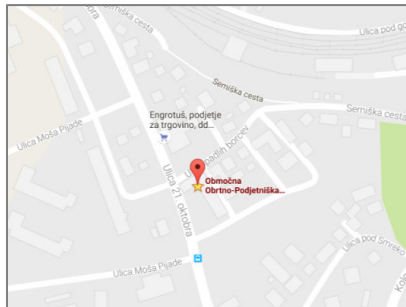
Organizing committee: Gregor Aljančič, Magda Aljančič, Luka Vodnik & Tajda Turk

Program committee: Peter Trontelj, Andrej Hudoklin & Gregor Aljančič

Language of presentations: English (preferable) or Slovene

LOCATION OF THE WORKSHOP

Conference hall OÖZ Črnomelj, Ulica 21. oktobra 10, Črnomelj, Slovenia



[Detailed map here](#) (GoogleMaps)

LUNCH

Hotel Hiša nasprot sonca, Majer 2, Črnomelj (http://www.kvant.si/hisanasprotsonca/default_eng.asp)

SPRING OF JELŠEVNIK

Contact person

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BELA KRAJINA

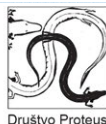
• *Recommended reading:* **Natural Heritage of Bela Krajina**, Štangelj & Ivanovič (eds.), 2014

http://www3.pms-lj.si/epub/Natural_Heritage_of_Bela_krajina_Slovenia.pdf

• Municipality of Črnomelj (<http://www.crnomej.si/>)

PLACES TO STAY

• Hotel Hiša nasprot sonca, Majer 2, Črnomelj (http://www.kvant.si/hisanasprotsonca/default_eng.asp)



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