

## Program simpozija

### Symposium Programme

Prijava sudionika	8:00 - 13:00 14:00 - 17:00	<b>Registration</b>
<b>Otvaranje Simpozija</b>	<b>9:00</b>	<b>Symposium Opening</b>
Plenarno predavanje	9:10 – 9:55	Plenary Lecture
Usmena priopćenja	10:00 – 11:00	Oral Presentations
Stanka / Poster	11:00 – 11:45	Coffee Break / Posters
Usmena priopćenja	11:45 – 13:00	Oral Presentations
Stanka za ručak	13:00 – 14:40	Lunch Break
Plenarno predavanje	14:40 – 15:25	Plenary Lecture
Usmena priopćenja	15:30 – 16:30	Oral Presentations
Stanka / Poster	16:30 – 17:15	Coffee Break / Posters
Usmena priopćenja	17:15 – 18:15	Oral Presentations
<b>Zatvaranje Simpozija</b>	<b>18:20</b>	<b>Symposium Closing</b>
Druženje uz piće	18:30	Small talk and drinks

Mole se sudionici da tijekom Simpozija nose oznaku kako bi mogli sudjelovati u znanstvenom i društvenom dijelu programa. Boje kongresnih oznaka su: zelena – sudionici sa izlaganjem, žuta – sudionici bez izlaganja, crvena – organizacijski odbor i tehnička potpora.

#### Organizator / Organizer:

Croatian Association of Freshwater Ecologists



#### Suorganizator / Co-organizer:

Department of Biology, Faculty of Science,



University of Zagreb

#### Mjesto održavanja / Venue:

Department of Biology, Faculty of Science, Rooseveltov trg 6, Zagreb, Croatia



#### Predavaonice / Lecture Halls:

BO1 prizemlje/ground floor

BO5 prvi kat/first floor

#### Datum / Date

15. veljače 2019. (February 15<sup>th</sup> 2019)

Participants are kindly requested to wear their badge (accreditation) throughout the Symposium in order to be admitted to the scientific sessions and all social events. Badge colours are: green – presenting participants, yellow – participants without presentation, red – organizing committee and technical support.

	Dvorana / Hall 1 (BO1)	Dvorana / Hall 2 (BO5)
9:00	Otvaranje simpozija / Symposium Opening (BO1)	
9:10 - 9:55	Plenarno predavanje / Plenary Lecture (BO1) <b>Thibault Datry</b> (PL – 1): <b>Intermittent rivers and ephemeral streams: a challenge for freshwater science</b>	
	Usmena priopćenja / Oral Presentations Predsjedavatelj / Chairperson: <b>Zlatko Mihaljević</b>	Usmena priopćenja / Oral Presentations Predsjedavatelj / Chairperson: <b>Igor Stanković</b>
10:00 - 10:15	<b>Göran Klobučar</b> , Sanja Babić, Josip Barišić, Draženka Stipaničev, Siniša Repec, Mario Lovrić, Olga Malev, Dalma Martinović-Weigelt ( <b>O – 9</b> ): Predictive ecotoxicology: are we there yet? Case study of river sediment toxicity assessment - combining empirical zebrafish embryotoxicity testing with in silico toxicity characterization	<b>Barbara Vlaičević</b> ( <b>O – 31</b> ): Changes in the periphytic ciliate community structure under different hydrological conditions in a temperate floodplain lake
10:15 - 10:30	Goran Kovačević, <b>Martina Ivšić</b> , Mirjana Kalafatić ( <b>O – 8</b> ): Morphometry of freshwater organisms as useful method in ecotoxicology	<b>Tena Radočaj</b> , Renata Matoničkin Kepčija, Vesna Gulin, Mirela Sertić Perić, Gordana Goreta, Mirjana Kepec ( <b>O – 25</b> ): Periphyton on different substrates in tufa depositing system
10:30 - 10:45	<b>Tatjana Mijošek</b> , Vlatka Filipović Marijić, Zrinka Dragun, Anika Retzmann, Andreas Zitek, Thomas Prohaska, Niko Bačić, Zuzana Redžović, Ivana Grgić, Nesrete Krasnići, Dušica Ivanković, Marijana Erk, Damir Valić, Jakov Žunić, Irena Vardić Smrzlić, Damir Kapetanović ( <b>O – 20</b> ): Evaluation of metal levels in soft and hard tissues of brown trout and fish intestinal parasites as indicators of wastewater impact in the karst Krka River	<b>Najla Baković</b> , Sanja Puljas, Robert Baković, Roman Ozimec, Ana Ostojić, Zrinka Mesić, Sandra Hudina ( <b>O – 1</b> ): Protist assemblages associated with the endemic subterranean bivalve <i>Congeria jalzici</i> Morton & Bilandžija, 2013 (Bivalvia: Dreissenidae)
10:45 - 11:00	<b>Natalija Vučković</b> , Ivana Pozojević, Dubravka Čerba, Mladen Kerovec, Marina Vilenica, Ana Previšić, Ivančica Ternjej, Sanja Gottstein, Zlatko Mihaljević ( <b>O – 32</b> ): Indirect influence of pesticides on macroinvertebrate community of constructed lakes	<b>Roman Ozimec</b> , Branko Jalžić, Dušan Jelić, Najla Baković, Anton Brancelj, Helena Četković, Marija Gligora Udovič, Gordan Karaman, Marjan Komnenov, Rajko Slapnik ( <b>O – 22</b> ): Biodiversity of Lake Crveno jezero (Red Lake) aquatic ecosystem
11:00 - 11:45	Stanka za kavu i Posterske prezentacije / Coffee Break and Poster Presentations	

	Dvorana / Hall 1 (BO1)	Dvorana / Hall 2 (BO5)
	Usmena priopćenja / Oral Presentations Predsjedavatelj / Chairperson: <b>Tvrtko Dražina</b>	Usmena priopćenja / Oral Presentations Predsjedavatelj / Chairperson: <b>Marija Ivković</b>
11:45 - 12:00	<b>Mirela Sertić Perić</b> , Ozrenka Meštović, Valerija Begić, Ines Radanović, Renata Matoničkin Kepčija ( <b>O – 26</b> ): Long-term variation in stream physico-chemical attributes within a low-order urban stream (Veliki potok, Zagreb, Croatia)	<b>Luka Polović</b> , Marko Miliša, Tvrtko Dražina, Maria Špoljar ( <b>O – 23</b> ): The role of dragonflies as the peak predators and indicators of the health of the Mediterranean ponds
12:00 - 12:15	<b>Nina Anja Haas</b> , Mateusz Werner, Mirela Sertić Perić ( <b>O – 7</b> ): Short-term effects of natural stream discharge on the water quality trends along two urban streams	<b>Valentina Dorić</b> , Zlatko Mihaljević ( <b>O – 2</b> ): Larval chironomid community of Prošće and Kozjak Lakes, Plitvice Lakes National Park
12:15 - 12:30	<b>Matija Kresonja</b> , Matej Šag, Viktorija Ergović, Ladislav Hamerlík, Dubravka Čerba ( <b>O – 12</b> ): Fountains – extreme habitats or source of biodiversity in the urban areas?	<b>Zlatko Mihaljević</b> , Marina Vilenica, Natalija Vučković, Dubravka Čerba ( <b>O – 19</b> ): Factors influencing littoral chironomid assemblages in the reservoirs of the Dinaric karst
12:30 - 12:45	<b>Marina Šumanović</b> , Marko Miliša ( <b>O – 27</b> ): Reflection of hydromorphological features on the macroinvertebrate-based bioassessment of inland waters	<b>Ivančica Ternjej</b> ( <b>O – 29</b> ): New species of Calanoid copepod of genus <i>Eudiaptomus</i> Kiefer 1932
12:45 - 13:00	<b>Vlatka Mičetić Stanković</b> , Branka Bruvo Mađarić, Mladen Kučinić ( <b>O – 18</b> ): DNA barcoding of Croatian biodiversity: riffle beetles (Insecta: Coleoptera: Elmidae)	<b>Antonija Kulaš</b> , Marija Gligora Udovič, Petar Žutinić, Ivna Kavre Piltaver, Roman Ozimec, Slavica Tofilovska; Mirela Šušnjara, Zlatko Levkov ( <b>O – 14</b> ): A new diatom species from Lake Crveno jezero, Croatia ( <i>Gomphosphenia plenkoviciae</i> sp. nov.)
13:00 - 14:40	Stanka za ručak / Lunch Break	

	Dvorana / Hall 1 (BO1)	Dvorana / Hall 2 (BO5)
14:40 – 15:25	Plenarno predavanje / Plenary Lecture (BO1) <b>Tomáš Hauer</b> (PL – 2): <b>How to navigate through current cyanobacterial taxonomy?</b>	
	Usmena priopćenja / Oral Presentations Predsjedavatelj / Chairperson: <b>Renata Matoničkin Kepčija</b>	Usmena priopćenja / Oral Presentations Predsjedavatelj / Chairperson: <b>Ana Previšić</b>
15:30 – 15:45	<b>Nikola Koletić</b> , Antun Alegro, Anja Rimac, Vedran Šegota, Nina Vuković, Tihana Vilović ( <b>O – 10</b> ): <i>Ulva flexuosa</i> Wulfen in fresh and brackish waters of Croatia	<b>Martina Maruna</b> , Renata Matoničkin Kepčija, Marko Miliša ( <b>O – 17</b> ): Analysis of the re-established macroinvertebrate community in restored habitats
15:45 – 16:00	Sandro Bogdanović, Mihaela Britvec, <b>Ivica Ljubičić</b> ( <b>O – 16</b> ): Morphological diversity and distribution of <i>Eleocharis</i> taxa (Cyperaceae) in Croatia	<b>Tomislav Kralj</b> , Krešimir Žganec, Renata Ćuk, Damir Valić ( <b>O – 11</b> ): Impact of invasive percarid crustaceans on benthic macroinvertebrate assemblages in Croatian large rivers – Preliminary assessment
16:00 – 16:15	<b>Nina Vuković</b> , Vedran Šegota, Nikola Koletić, Tihana Vilović, Anja Rimac, Antun Alegro ( <b>O – 33</b> ): Re-discovering the aquatic flora of Neretva River Delta	<b>Sadbera Trožić-Borovac</b> , Rifat Škrijelj, Adi Vesnić, Samir Đug, Aldijana Mušović, Senad Šljuka, Berina Borovac, Mahir Gajević ( <b>O – 30</b> ): Negative effects of introducing allochthonous species <i>Pacifastacus leniusculus</i> (Dana, 1852) into aquatic ecosystems of Bosnia and Herzegovina
16:15 – 16:30	<b>Antonija Zeko</b> , Vedran Šegota, Tihana Vilović, Nikola Koletić, Antun Alegro ( <b>O – 34</b> ): Diversity of the aquatic plants in the Herbarium Croaticum (ZA) collection (Zagreb, Croatia)	<b>Leona Lovrenčić</b> , Martina Temunović, Sandra Hudina, Mišel Jelić, Göran Klobučar, Ivana Maguire ( <b>O – 15</b> ): How well existing NATURA 2000 sites protect threatened stone crayfish in Croatia?
16:30 - 17:15	Stanka za kavu i Posterske prezentacije / Coffee Break and Poster Presentations	

	Dvorana / Hall 1 (BO1)	Dvorana / Hall 2 (BO5)
	Usmena priopćenja / Oral Presentations Predsjedavatelj / Chairperson: <b>Marko Miliša</b>	Usmena priopćenja / Oral Presentations Predsjedavatelj / Chairperson: <b>Ivančica Ternjej</b>
17:15 - 17:30	<b>Viktorija Ergović</b> , Miran Koh, Ivana Turković Čakalić, Jelena Kovačević, Tomislav Bučanović, Barbara Vlaičević, Matej Šag, Maja Mitrović, Matija Kresonja, Dubravka Čerba, Zlatko Mihaljević ( <b>O – 4</b> ): Macrozoobenthos community in fast flowing streams of Slavonian mountains	<b>Jelena Krsnik</b> , Matea Razić, Anita Tarandek, Sandra Radić Brkanac, Sofia Ana Blažević, Göran Klobučar, Dalma Martinović-Weigelt, Sandra Hudina ( <b>O – 13</b> ): Effects of pharmaceutical pollutants on physiology of the invasive signal crayfish, <i>Pacifastacus leniusculus</i> (Dana, 1852)
17:30 - 17:45	<b>Ivana Grgić</b> , Ana Previšić, Marina Vilenica, Andreja Brigić, Valentina Dorić, Zlatko Mihaljević ( <b>O – 6</b> ): Macroinvertebrate community of a temporary Mediterranean river	<b>Anita Tarandek</b> , Martina Topić, Jelena Krsnik, Matea Razić, Göran Klobučar, Dalma Martinović-Weigelt, Sandra Hudina ( <b>O – 28</b> ): The effects of three psychoactive compounds on behavior of the invasive signal crayfish, <i>Pacifastacus leniusculus</i> (Dana, 1852)
17:45 - 18:00	<b>Ivana Pozojević</b> , Sanja Gottstein ( <b>O – 24</b> ): New evidence supporting the role of crenal morphology in shaping water mite (Acari: Hydrachnidia) communities in karst springs	<b>Karla Orlić</b> , Lidija Šver, Lucija Burić, Snježana Kazazić, Sandra Hudina, Ivana Maguire, Reno Hrašćan, Tomislav Vladušić, Ana Bielen ( <b>O – 21</b> ): Symbiotic bacteria from crayfish cuticle: A possibility for biocontrol of crayfish plague disease?
18:00 - 18:15	<b>Sanja Gottstein</b> , Doris Đermek, Mladen Kerovec, Jasna Lajtner, Vlatka Mičetić Stanković, Aleksandar Popijač, Ivana Pozojević, Ana Previšić, Marina Vilenica ( <b>O – 5</b> ): Microhabitat preferences by aquatic invertebrates in the Zrmanja River springhead	<b>Paula Dragičević</b> , Matej Faller, Petra Kutleša, Sandra Hudina ( <b>O – 3</b> ): Update on signal crayfish, <i>Pacifastacus leniusculus</i> (Dana, 1852), range expansion in Croatia: A 10-year report
18:20	Zatvaranje simpozija / Symposium Closing (BO1)	
18:30	Druženje uz piće / Drinks and Small Talk	

## Posterska priopćenja / Poster Presentations

P – 1	<b>Nikolina Bek</b> , Tanja Žuna Pfeiffer, Dubravka Špoljarić Maronić, Filip Stević, Antonija Kezerle: Microphyte community structure on <i>Ceratophyllum demersum</i> in drainage channels (Baranja, Eastern Croatia)
P – 2	<b>Denis Bućan</b> , Maria Špoljar, Tvrtko Dražina, Claudia Fiorentin, Antun Alegro, Ivana Zrinščak, Nediljko Landeka, Ana Štih: Benthic invertebrates, fish and zooplankton coupling in freshwater Mediterranean ponds
P – 3	<b>Katarina Buhin</b> , Sandra Radić Brkanac, Sofia Ana Blažević, Göran Klobučar, Dalma Martinović-Weigelt, Sandra Hudina: The effects of psychoactive substance mixture on behaviour and physiology of invasive signal crayfish, <i>Pacifastacus leniusculus</i> (Dana, 1852)
P – 4	<b>Ivan Gulin</b> , Josip Gulin, Vedran Šegota, Anja Rimac, Nikola Koletić, Antun Alegro: Aquatic vegetation of Lake Visovac
P – 5	<b>Nikola Hanžek</b> , Igor Stanković, Marija Gligora Udovič, Sandi Orlić: What are key factors defining phytoplankton communities in two connected karstic Mediterranean lakes?
P – 6	<b>Branko Jalžić</b> , Renée Bishop Pierce, Neven Cukrov, Elvira Bura-Nakić, Dario Omanović, Nuša Cukrov, Vedran Sudar, Markica Vuica: Preliminary results of research in "Tomina jama" anchialine cave, Neretva River Estuary, Croatia
P – 7	<b>Anamarija Kolda</b> , Kristina Pikelj, Ana Gavrilović, Darija Vukić Lušić, Lorena Perić, Irena Vardić Smrzlić, Jakov Žunić, Damir Kapetanović: Sustainability of freshwater salmonid farming in a karst river ecosystem
P – 8	<b>Ana Matijević</b> , Goran Kovačević, Petra Korać, Katarina Caput Mihalić: Effects of UVB-Radiation and Norflurazon on Mesoglea in Green Hydra ( <i>Hydra viridissima</i> Pallas, 1766) and in Brown Hydra ( <i>Hydra oligactis</i> Pallas, 1766)
P – 9	Cvitanić Marija, <b>Mičetić Stanković Vlatka</b> , Kokan Bože: The importance of regular museum collections processing: case of water beetles (Insecta: Coleoptera) in Karaman and Novak collections, Natural History Museum in Split

## Posterska priopćenja / Poster Presentations

P – 10	<b>Marko Moslavac</b> : Growth inhibition and recovery of aquatic macrophyte <i>Lemna minor</i> after pulsed herbicide exposures
P – 11	Goran Kovačević, <b>Daniela Petrinc</b> , Petra Tramontana, Maria Špoljar: <i>Hydra</i> vs. turbellarians: who is the strongest constituent in a given micro-(eco)system? – preliminary observations
P – 12	<b>Ivana Ribić</b> , Norma Fressel, Maja Čuže Denona, Josip Rubinić, Krešimir Žganec: Ecological effects of increased water level and salinity variations in the shallow Lake Vransko near Biograd n/M
P – 13	Suzana Buzjak, <b>Zorana Sedlar</b> : <i>Ludwigia peploides</i> (Kunth.) P.H. Raven - A new species in Croatian Flora from the list of invasive alien species of union concern
P – 14	<b>Sara Šariri</b> , Marko Miliša: Review of water dynamics in Europe due to climate change
P – 15	Goran Kovačević, <b>Petra Tramontana</b> , Daniela Petrinc, Maria Špoljar: Predation in turbellarians: <i>Dugesia gonocephala</i> as superior predator - preliminary observations
P – 16	<b>Irena Vardić Smrzlić</b> , Barbara Čolić, Zlatko Nedić, Damir Kapetanović, Damir Valić: The relevance of ITS region as a genetic marker in determination of <i>Pomphorhynchus</i> species (Acanthocephala) from Croatian rivers
P – 17	<b>Marina Vilenica</b> , Marija Ivković: A long-term study of mayfly emergence patterns in the Dinaric Karst freshwater habitats



### Lokacije održavanja simpozija i ručka

3. Simpozij o biologiji slatkih voda održat će se na **Biološkom odsjeku** Prirodoslovno-matematičkog fakulteta Sveučilišta u Zagrebu (Rooseveltov trg 6, 10000 Zagreb).

**Ručak za sudionike** simpozija će se održati u obližnjoj Pivnici Medvedgrad (Ilica 49, 10000 Zagreb). Očekuje vas raznovrsna ponuda jela servirana u obliku švedskog stola i 1 piće (kupon za piće se nalazi uz akreditaciju).

Za **pomoć** u navigaciji i/ili dolasku na bilo koju od lokacija, kontaktirajte organizacijski odbor na broj telefona: +385 1 4877 700.



### Locations of the symposium venue and lunch place

3<sup>rd</sup> Symposium of Freshwater Biology will take place at the **Department of Biology** of the Faculty of Science at the University of Zagreb (Rooseveltov trg 6, 10000 Zagreb).

**Lunch for the symposium participants** will be provided in the nearby Pivnica Medvedgrad (Ilica 49, 10000 Zagreb). Variety of dishes in buffet-style service awaits for you, including 1 drink (coupon for drink can be found in your accreditation).

For any **help** in navigation and/or arrival at any location, feel free to phone the organizing committee: +385 1 4877 700.