

**2<sup>nd</sup> Central European Symposium for Aquatic Macroinvertebrate Research  
3–8 July 2016, Pécs, Hungary**

**SUNDAY, 3 July**

**18:30–18:50 OPENING CEREMONY  
“Kavics”**

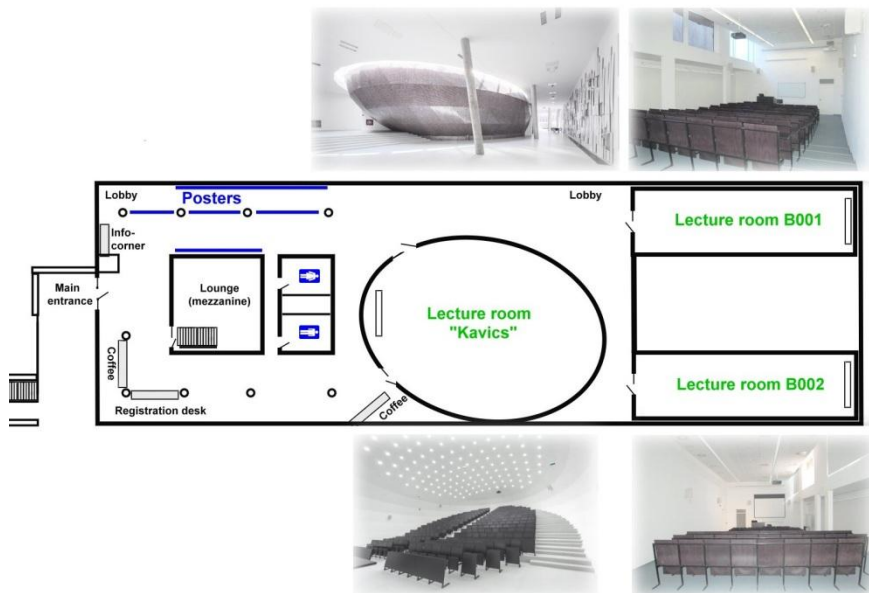
Welcome speech

**Róbert GÁBRIEL**, dean of Faculty of Sciences, University of Pécs  
**Zoltán CSABAI**, chair of 2<sup>nd</sup> CESAMIR Scientific Committee

Announcement of “Best young speaker prize” and “Best poster prize”

**19:00–22:00 WELCOME RECEPTION  
Lobby**

**Floor map of the venue**



MONDAY, 4 July

**PLENARY I**  
**“Kavics”**

09:00– Michal GRABOWSKI:

10:00 **European freshwater biota – from rise of the continent to human impact**

10:00–10:30 Coffee break

**OS-01 BIOGEOGRAPHY**  
**“Kavics”**

Chair: Fedor ČIAMPOR Jr

10:30– Simon VITECEK, Ana PREVIŠIĆ, Mladen KUČINIĆ, Lujza KERESZTES, Miklós

10:50 BÁLINT, Johann WARINGER, Steffen PAULS, Wolfram GRAF: **The Balkan grazer group (Drusinae, Limnephilidae, Trichoptera): phylogeny, morphology and distribution of enigmatic endemics**

10:50– Zohar YANAI, Jean-Luc GATTOLLIAT, Michel SARTORI, Netta DORCHIN:

11:10 **Challenges in research and conservation of mayflies (Ephemeroptera) in the Middle East**

11:10– Pavel PEŠEK, Veronika SACHEROVÁ, Hana RYCHTRMOCOVÁ: **Double origin of Central European fairy shrimp *Eubranchipus grubii***

11:30– Tomasz MAMOS, Krzysztof JAŹDŹEWSKI, Michał GRABOWSKI: **Cryptic refugia and postglacial colonisation in the northern Carpathians. Case study of *Gammarus balcanicus* (Crustacea, Amphipoda)**

12:00–13:00 Lunch

**OS-02 BEHAVIOURAL ECOLOGY**  
**B001**

Chair: David S. BOUKAL

13:00– Martin ČERNÝ, Dominika DUBCOVÁ,

13:20 Lenka HUPKOVÁ: **Epigamic behavior of Golden-ringed Dragonfly (*Cordulegaster boltonii*)**

13:20– Bálint PERNECKER, Réka BODA, Péter

13:40 MAUCHART, Arnold MÓRA, Zoltán CSABAI: **Disentangling the effects of life history and weather parameters on the emergence behaviour of Balkan Goldenring (*Cordulegaster heros* Theischinger, 1979)**

**OS-03 MONITORING & ASSESSMENT I**  
**B002**

Chair: Gábor VÁRBÍRÓ

Ivana POZOJEVIĆ, Jasna LAJTNER, Josip RUBINIĆ, Ivica BARAĆ, Sanja GOTSTEIN: **Key zoobenthos inhabitants as indicators of hydrological dynamics in karst springs**

Valentina SLAVEVSKA-STAMENKOVIĆ, Biljana RIMCHESKA, Slavčo HRISTOVSKI, Maja RAKOVIĆ, Stoe SMILJKOV, Vanja MARKOVIĆ, Momir PAUNOVIĆ: **Indicative ecological status assessment of the Sturnica river catchment based on macroinvertebrates – a case study**

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	<b>OS-02 BEHAVIOURAL ECOLOGY B001</b>	<b>OS-03 MONITORING &amp; ASSESSMENT I B002</b>
13:40– 14:00	<u>Ádám EGRI</u> , Alexandra FARKAS, Gábor HORVÁTH, György KRISKA: <b>Polarization sensitivity in the water-surface-inhabiting springtail, <i>Podura aquatica</i></b>	Rabia SOUFI, Violeta TYUFEKCHIEVA, Vesela EVTIMOVA, Yanka VIDINOVA, Maria KERAKOVA-GELEVA, <u>Galia GEORGIEVA</u> , Stefan STOICHEV, Ivailo DEDOV: <b>Preliminary data on the “intercalibration exercise” of different river types in Bulgaria using benthic macroinvertebrates</b>
14:00– 14:20	<u>Péter MAUCHART</u> , Bálint PERNECKER, Estera GARAJOVÁ, Eszter SEBESTYEN, Tomáš ONDÁŠ, David S. BOUKAL, Zoltán CSABAI: <b>Are diving beetles larks or owls? Pilot study on the diurnal rhythms of movement and air uptake behavior of <i>Cybister lateralimarginalis</i> De Geer, 1774</b>	<u>Gencer TÜRKMEN</u> , Nilgün KAZANCI: <b>Habitat quality assessment of streams in Altindere Valley National Park (Trabzon, Turkey) using physico-chemical variables and various biotic indices based on benthic invertebrates</b>
14:30–15:00 Coffee break		
15:00– 18:00	<b>PS-01 POSTER SESSION I Lobby</b>	
	Chairs: Marko MILIŠA, Yanka VIDINOVA	
	COMMUNITY ECOLOGY, FOOD WEBS	
1	<u>Anita GALIR BALKIĆ</u> , Ivančica TERNJEJ: <b>How do different metazooplankton groups (Rotifera, Cladocera, Copepoda) respond to community stress caused by flooding? A case study from Danubian floodplain Lake (Kopački rit, Nature Park)</b>	
2	Ivana PUŠIĆ, <u>Jasmina ŠARGAČ</u> : <b>Differences in community structure of benthic macroinvertebrates of Rječina River (SW Croatia) due to construction of dam and adjacent reservoir</b>	
3	<u>Marina VILENICA</u> , Ana PREVIŠIĆ, Mladen KUČINIĆ, Vlatka MIĆETIĆ STANKOVIĆ, Michel SARTORI, Zlatko MIHALJEVIĆ: <b>Seasonal dynamics of mayflies in karstic habitats in the Dinaric Western Balkan Region</b>	
4	<u>Barbara VLAIČEVIĆ</u> , Jasna VIDA KOVIĆ: <b>Primary colonization process of ciliated protozoa in a temperate floodplain lake periphyton</b>	
	CONSERVATION, MANAGEMENT & RESTORATION ECOLOGY	
5	<u>Michaela ČERNÁ</u> , Kateřina RAMBOUSKOVÁ, Ondřej SIMON, Miriam JANDÁKOVÁ, Vojtěch BARÁK, Michal BÍLÝ, Kamila TICHÁ, Jan ŠVANYGA: <b>Hot news from the pearl mussel river Teplá Vltava in the Czech Republic</b>	

15:00–  
18:00 **PS-01 POSTER SESSION I**  
**Lobby**

CONSERVATION, MANAGEMENT & RESTORATION ECOLOGY

- 6 Biljana RIMCHESKA, Valentina SLAVEVSKA-STAMENKOVIĆ, Yanka VIDINOVA, Momir PAUNOVIĆ, Bojana TUBIĆ, Nikola MARINKOVIĆ, Jelena ČANAK ATLAGIĆ, Svetoslav CHESHMEDJIEV: **New data about distribution of *Thremma anomalum* McLachlan, 1876 (Insecta: Trichoptera) in Balkans**
- 7 Jan SPACEK: **Evaluation of acidification and the current ecological status of streams on the Czech part of Krkonose (Giant) Mts.**

GLOBAL CHANGES, INVASIVE SPECIES

- 8 Barbora LOSKOTOVÁ, Michal STRAKA, Petr PAŘIL: **Usability of aquatic macroinvertebrates from bottom sediments for the bioindication of drought duration in streams**
- 9 Petr PAŘIL, Světlana ZAHŘÁDKOVÁ, Ondřej HÁJEK, Pavel TREML, Michal STRAKA, Denisa NĚMEJCOVÁ, Marek POLÁŠEK, Pavel ONDRÁČEK: **Risk assessment of drying up of small streams in the Czech Republic**
- 10 Krešimir ŽGANEC, Renata ČUK, Svjetlana DEKIĆ, Marko MILIŠA: **Biocontamination of benthic macroinvertebrate communities of four major large rivers in Croatia**

HUMAN IMPACT, WATER POLLUTION & TOXINS

- 11 Bettina ECK-VARANKA, Nóra KOVÁTS, Gábor PAULOVITS, Katalin HUBAI, Árpád FERINCZ, Eszter HORVÁTH: **Assessment of allelopathic aquatic plants: evaluating genotoxic effect using the mussel micronucleus test**
- 12 Nilgün KAZANCI, Özge BAŞÖREN: **Influence of physicochemical characteristics of habitats on distribution of Simuliidae (Insecta: Diptera) species in Mediterranean climate running waters**
- 13 Milica STOJKOVIĆ PIPERAC, Djuradj MILOŠEVIĆ, Dubravka ČERBA, Ana PETROVIĆ, Momir PAUNOVIĆ, Vladica SIMIĆ: **How different taxonomic groups within macroinvertebrate community influence the strength of taxonomic distinctness index in lotic systems**
- 14 Jan ŠUPINA, Jindřiška BOJKOVÁ: **Intraspecific variability in fecundity of *Leptophlebia vespertina* (Ephemeroptera: Leptophlebiidae) in seven acidified lakes in the Bohemian Forest**

PALEOLIMNOLOGY

- 15 Daniela DOBRÁKOVÁ, Ladislav HAMERLÍK, Ferdinand ŠPORKA, Peter BITUŠÍK: **Subfossil chironomid communities (Diptera: Chironomidae) from sediments of lake Popradské pleso indicate climatic oscillations in the last millenium**

15:00–  
18:00 **PS-01 POSTER SESSION I  
Lobby**

POPULATION ECOLOGY

- 16 Alena DOSTÁLOVÁ, Petr PAŘIL: **Is it better to be big and old or small and young to overcome drought? – a case study of *Gammarus fossarum* after-drought recolonization of intermittent streams**

WATER QUALITY MONITORING & METRICS

- 17 Nilgün KAZANCI: **Evaluation of Plecoptera (Insecta) community composition using multivariate technics in a biodiversity hotspot**
- 18 Jasmina ŠARGAČ, Mladen KEROVEC, Zoran ŠARGAČ: **How different impacts affect benthic macroinvertebrate communities in the same water body type – case study for the upper course of Lonja River (NW Croatia)**
- 19 Katarina ZORIĆ, Maja RAKOVIĆ, Božica VASILJEVIĆ, Ana ATANACKOVIĆ, Marija ILIĆ, Aljoša TANASKOVIĆ, Momir PAUNOVIĆ: **Ecological status of three reservoirs in sub-urban area of Belgrade (Serbia) based on macroinvertebrate assemblages**

18:00–  
19:30 **WORKSHOP**

Moderator: Tadeusz FLEITUCH

**Effects of climate changes on macroinvertebrate functions in urban streams**

Urban fluvial systems present similar symptoms of stream ecosystem degradation around the world. However, awareness is growing that the mechanisms and severity of the symptoms differ among ecoregions. Climate is a key contributor to these differences. We discuss the direct and indirect pathways by which climate shapes the structure and function of benthic communities in urban streams and how differences in climate may affect them and how the urban stream syndrome is manifested. Mechanisms linking urbanization with ecological degradation, even when responses are similar, can differ among climate types, biomes, and geographical coordinates etc. Limited research has been done on the role of climate in stream macroinvertebrate response to urbanization. Controlled, large-scale studies are needed to address this issue, particularly because climate may covary with types of infrastructure and technological capabilities across the globe. Understanding the linkages between climate and urban stream ecosystems will improve understanding of urban streams and ability to implement management strategies.

20:00– **PÁLINKA INTERCALIBRATION  
Café Paulus**

TUESDAY, 5 July

**PLENARY II**  
**“Kavics”**

09:00– Florian LEESE:

10:00 **From genes to ecosystems: Assessing stressor effects on freshwater macroinvertebrates with genomic approaches**

10:00–10:30 Coffee break

**OS-04 CONSERVATION & MANAGEMENT I**  
**“Kavics”**

Chair: Momir PAUNOVIĆ

10:30– Gábor HORVÁTH, Bruce ROBERTSON, Desiree CAMPBELL, Colyer DUROVICH,  
10:50 Ian HETTERICH, Julia LES: **Polarized versus unpolarized light pollution in triggering ecological traps for nocturnally-active insects**

10:50– Tadeusz FLEITUCH: **Microplastics – silent killer of freshwater**  
11:10 **communities**

11:10– Vesna PETKOVSKA, Gorazd URBANIČ, Nataša SMOLAR-ŽVANUT, Darko  
11:30 ANZELJC: **What is an ecological flow supporting EU Water Framework Directive objectives in small alpine rivers?**

11:30– Yaron HERSHKOVITZ, Daniel HERING, Gideon GAL: **The ESSESMENT**  
11:50 **project: setting the scene for the ecological management of a multiple-stressed region**

12:00–13:00 Lunch

**OS-05 MONITORING & ASSESSMENT II**  
**B001**

Chair: Tadeusz FLEITUCH

13:00– Djuradj MILOŠEVIĆ, Milica STOJKOVIĆ  
13:20 PIPERAC, Dubravka ČERBA, Ana PETROVIĆ, Momir PAUNOVIĆ, Vladica SIMIĆ: **Macroinvertebrate taxonomic groups necessary for the reliable calculation of taxonomic distinctness index: potential metric for water and habitat quality assessment**

13:20– Özge BAŞÖREN, Nilgün KAZANCI:  
13:40 **Water quality assessment of Firtına Stream using various macroinvertebrate-based metrics and physico-chemical variables**

**OS-06 MISCELLANEOUS**  
**B002**

Chair: Adrienne ORTMANN-AJKAI

Béla CSÁNYI, Momir PAUNOVIĆ, József SZEKERES: **Problems of detecting mussel populations in large rivers**

Oana Teodora MOLDOVAN: **Spatial and temporal scales in groundwater ecology**

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<b>OS-05 MONITORING &amp; ASSESSMENT II B001</b>		<b>OS-06 MISCELLANEOUS B002</b>	
13:40–14:00	<u>Silviu BERCEA</u> , Ruxandra NASTASE-BUCUR, Marius KENESZ, Silviu CONSTANTIN, Oana Teodora MOLDOVAN: <b>Aquatic microorganisms and invertebrates monitoring in Romanian show caves</b>		<u>Vivien VISKI</u> , Csaba DEÁK, István GRIGORSZKY, Eszter KRASZNAI, Gábor VÁRBÍRÓ: <b>Microscale land use patterns and its effect on a lowland stream's resilience of aquatic macroinvertebrate community</b>
14:00–14:20	<u>Petr PARIL</u> , Vít SYROVÁTKA, Světlana ZAHŘÁDKOVÁ, Michal STRAKA, Marek POLÁŠEK, Denisa NĚMEJCOVÁ, Libuše OPATŘILOVÁ, Lenka ŠIKULOVÁ, Pavla ŘEZNÍČKOVÁ: <b>New method for retrospective bioindication of stream drying up based on the analysis of taxonomical and functional composition of aquatic macroinvertebrates</b>	—	
14:30–15:00 Coffee break			
<b>OS-07 COMMUNITIES I B001</b>		<b>OS-08 CONSERVATION &amp; MANAGEMENT II B002</b>	
	Chair: Djuradj MILOŠEVIĆ		Chair: Martin ČERNÝ
15:00–15:20	<u>Moica HROVAT</u> , Gorazd URBANIČ: <b>Ephemeroptera, Plecoptera and Trichoptera assemblages on the interplay between natural and human-induced factors in different types of karst river ecosystems</b>		<u>Pál BODA</u> , Arnold MÓRA, Gábor VÁRBÍRÓ, Zoltán CSABAI: <b>Downtown versus suburban residents: surrounding habitats helps to maintain macroinvertebrate diversity of a shallow marsh system</b>
15:20–15:40	<u>Renáta SZITA</u> , András AMBRUS: <b>Longitudinal and temporal changes in functional feeding groups of aquatic macroinvertebrates along a given stream</b>		<u>Vojtěch KOLÁŘ</u> , Tomáš ONDAŠ, David S. BOUKAL: <b>What do diving beetles say about fishponds management?</b>

	OS-07 COMMUNITIES I B001	OS-08 CONSERVATION & MANAGEMENT II B002
15:40– 16:00	<u>Eszter Á. KRASZNAI</u> , Pál BODA, András CSERCSEA, Csaba DEÁK, Arnold MÓRA, Ildikó SZIVÁK, Gábor VÁRBÍRÓ: <b>Functional composition of macroinvertebrate communities in two sub-basins of the Tisza River</b>	Anna FARKAS, <u>Arnold MÓRA</u> : <b>Mortality during emergence in <i>Gomphus flavipes</i> and <i>G. vulgatissimus</i> (Odonata: Gomphidae): effects of emergence strategy and environmental conditions</b>
16:00– 16:20	<u>Tomáš ONDÁŠ</u> , Vojtěch KOLÁŘ, Jan KLEČKA, Václav KRIVAN, David S. BOUKAL: <b>Determinants of community structure of large aquatic insects (Heteroptera and Coleoptera: Dytiscidae, Hydrophilidae) in space and time: a pond case study</b>	<u>Marek POLÁSEK</u> , Světlana ZAHRÁDKOVÁ, Denisa NĚMEJCOVÁ: <b>Long-term changes in biodiversity of running waters: preliminary analysis of mayfly assemblages in the Czech Republic over last three decades</b>
16:30–17:00 Coffee break		
17:00– 20:00	<b>PS-02 POSTER SESSION II Lobby</b>	
	Chairs: Csaba DEÁK, András AMBRUS	
	BIODIVERSITY & FAUNISTICS	
1	<u>Pavel BERACKO</u> , Katarína GREGUŠOVÁ, Andrea RUFUSOVÁ, Tomáš DERKA, Alexandra ROGÁNSKA: <b>Benthic life in karst springs</b>	
2	<u>Gavril Marius BERCHI</u> , Petr KMENT, Denis COPILAȘ-CIOCIANU, László RÁKOSY, Jakob DAMGAARD: <b>Water treaders of Romania and adjacent countries and their phylogenetic relationships (Hemiptera: Heteroptera: Mesoveliidae)</b>	
3	<u>Zuzana ČIAMPOROVÁ-ZATOVIČOVÁ</u> , Darina ŠIPOŠOVÁ, Fedor ČIAMPOR Jr: <b>Small but diverse – alpine ponds as important source of genetic variability</b>	
4	<u>Anđela ČUKUŠIĆ</u> , Martina PODNAR, Mladen KUČINIĆ: <b>DNA barcoding caddisflies (Trichoptera) fauna in Croatia</b>	
5	<u>Jelena ĐUKUNIĆ</u> , Bojana TUBIĆ, Vanja MARKOVIĆ, Jelena ČANAK ATLAGIĆ, Stefan ANDUS, Margareta KRAČUN-KOLAREVIĆ, Momir PAUNOVIĆ: <b>Aquatic macroinvertebrate assemblages of mountainous rivers in the Sutjeska National Park (Southeastern Bosnia and Herzegovina)</b>	



17:00–  
20:00 **PS-02 POSTER SESSION II**  
**Lobby**

- 6 Bronislava JANIČKOVÁ, Leopold FÜREDER, Jana FEHÉROVÁ, Maria LEICHTFRIED, Petr PYSZKO, Vladimír UVIRA: **Effect of climatic and hydrological conditions on the emergence of stoneflies (Plecoptera, Leuctridae) in an Alpine stream**
- 7 Miran KOH, Viktorija ERGOVIĆ, Dubravka ČERBA, Zlatko MIHALJEVIĆ, Ladislav HAMERLÍK: **A literature review of the Chironomidae (Diptera) of Croatia: a platform for the first comprehensive check list of Croatian chironomids**
- 8 Mladen KUČINIĆ, Anđela ČUKUŠIĆ, Renata ČUK, Darko CERJANEC, Ivan VUČKOVIĆ, Petar CRNČAN, Iva MIHOČI, Hrvoje PLAVEC, Ana PREVIŠIĆ, Miro LANDEKA, Ante DELIĆ, Sanja ŽALAC, Martina PODNAR, Mato BUČAR, Branimir GJURAŠIN: **Trichoptera research within project “EU Natura 2000 Integration Project (NIP)” in Croatia**
- 9 Arnold MÓRA, Nándor SOÓS, Zoltán CSABAI: **Aquatic Coleoptera (Hydradephaga, Hydrophiloidea, Hydraenidae) and Heteroptera (Nepomorpha and Gerromorpha) fauna of Greek holiday islands (Rhodes, Crete and Corfu)**
- 10 Arnold MÓRA, József SZEKERES, Zoltán CSABAI, Anna FARKAS: **A comparison of collecting larvae and exuviae: which is more efficient to find rare riverine dragonfly species?**
- 11 Biljana RIMCHESKA, Yanka VIDINOVA, Valentina SLAVEVSKA-STAMENKOVIĆ: **New and rare mayfly species (Ephemeroptera: Heptageniidae) for the fauna of R. Macedonia**
- 12 Jan SPACEK: **Current knowledge of the water mites (Hydrachnellae and Halacaridae) fauna of the Czech and Slovak Republics**
- 13 Veronika ŠTILLOVÁ, Marcela PŘIDALOVÁ, Marek SVITOK, Milan NOVIKMEC, Zuzana MATUŠOVÁ, Ladislav HAMERLÍK: **Check-list of Chironomidae (Diptera: Nematocera) in Central European ponds (Slovakia)**
- 14 Gencer TÜRKMEN, Nilgün KAZANCI: **Habitat characteristics of little-known species *Baetis milani* Godunko, Prokopov & Soldan 2004 (Ephemeroptera, Insecta) from the Eastern part of Black Sea Region (Turkey)**
- 15 Zsófia VARGA, Bálint PERNECKER, Réka BODA, Péter MAUCHART, Arnold MÓRA, Zoltán CSABAI: **Are there any differences between the populations of Balkan Goldenring (*Cordulegaster heros* Theischinger, 1979) based on exuviae body dimensions? – A small scale study**
- 16 Jasna VIDAKOVIĆ, Dubravka ČERBA, Ivana TURKOVIĆ ČAKALIĆ, Barbara VLAJČEVIĆ: **Periphytic invertebrate community on artificial substrata in a floodplain lake**

17:00–**PS-02 POSTER SESSION II**  
20:00 **Lobby**

- 17 Marina VILENICA, Andreja BRIGIĆ, Mladen KEROVEC, Sanja GOTTSTEIN, Ivančica TERNJEJ: **Spatial and seasonal variation of mayflies (Insecta, Ephemeroptera) in the Don močvar peat bog, Croatia**
- 18 Ivan VUČKOVIĆ, Renata ĆUK, Iva VIDAKOVIĆ, Mladen PLANTAK, Mladen KUČINIĆ: **Distribution of the genus *Ecclisopteryx* (Insecta: Trichoptera) in Croatia**
- 19 Sanja ŽALAC, Renata ĆUK, Ivan VUČKOVIĆ, Darko CERJANEC, Mladen PLANTAK, Mladen KUČINIĆ: **Faunal features of caddisflies (Insecta, Trichoptera) in spring habitats of Dinaric karst**
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**WEDNESDAY, 6 July**

09:00– **MID-CONFERENCE FIELD TRIP**  
18:30 **Duna–Dráva National Park**

09:00 Departure from the Boszorkány Hostel

09:15 Departure from the Venue

10:00– Guided tour in the exhibition and in the farming area including the  
12:00 Traditional farming study trail.

12:00– Lunch  
13:00

13:00– **OPTIONAL PROGRAMMES**  
18:00

	<b>Option 1</b>	<b>Option 2</b>	<b>Option 3</b>
13:00	<b>Long trip</b> (5 hours): 12km walk along the oxbows, side-arms and Drava River including Wildlife of the Drava study trail and Old Drava study trail. Professional guidance provided	<b>Short trip</b> (2 hours): 3km walk along the oxbows including Old Drava study trail.	
15:00		Stay at the visitors centre.	Visit Siklós Castle & City
			<b>Siklós Castle &amp; City:</b> After lunch the bus will take participants to the small city of Siklós, where they can see the Castle and the city centre without any guidance.

~18:00 Leaving to Pécs

THURSDAY, 7 July

**PLENARY III**  
**“Kavics”**

09:00– David BILTON:

10:00 **Comparative ecophysiology, rarity and vulnerability to global change in aquatic insects**

10:00–10:30 Coffee break

**OS-09 INVASIVE SPECIES**  
**“Kavics”**

Chair: Thomas HORVATH

10:30– Michał RACHALEWSKI, Jarosław KOBĄK, Karolina BAĆELA-SPYCHALSKA:

10:50 **Conquerors or exiles? Impact of interference competition among invasive gammarideans on their dispersal rates**

10:50– Carola WINKELMANN, Susanne WORISCHKA, Jochen BECKER, Franz SCHÖLL,

11:10 Claudia HELLMANN: **The impact of the invasive *Dikero gammarus villosus* on benthic communities**

11:10– Péter BORZA, Thomas HUBER, Patrick LEITNER, Nadine REMUND, Wolfram

11:30 GRAF: **Niche differentiation of invasive Ponto-Caspian gammarids (Crustacea: Amphipoda) – insights from the 3<sup>rd</sup> Joint Danube Survey**

11:30– Renata MATONIČKIN KEPČIJA, Zlatko MIHALJEVIĆ, Marko MILIŠA, Marija

11:50 IVKOVIĆ, Mirela SERTIĆ PERIĆ: **First record of freshwater jellyfish *Craspedacusta sowerbii* in a Mediterranean karstic river Krka (Croatia) and a promising method for polyp detection**

12:00–13:00 Lunch

**OS-10 MONITORING & ASSESSMENT III**  
**B001**

Chair: Nilgün KAZANCI

13:00– Ladislav HAMERLIK, Daniela

13:20 DOBŘÍKOVÁ, Lucía SOCHULIAKOVÁ, Jaroslav STOKLASA, Peter BITUŠÍK:  
**Comparison of indicator potential of subfossil chironomids, diatoms and cladocerans: a paleolimnological perspective**

**OS-11 BIODIVERSITY I**  
**B002**

Chair: Ivan VUČKOVIĆ

Pavel SROKA, Jindřiška BOJKOVÁ, Tomáš SOLDÁN, David S. BOUKAL:

**Quantifying the variation of fecundity in mayflies (Insecta: Ephemeroptera)**

**OS-10 MONITORING &  
ASSESSMENT III  
B001**

13:20–  
13:40 Gábor VÁRBIRÓ, Eszter Á. KRASZNAI,  
András CSERCSA, Pál BODA: **The  
“first” ten years of aquatic  
macroinvertebrate-based water  
quality monitoring in Hungary**

13:40–  
14:00 Maja SEVER, Bernarda ROTAR:  
**Monitoring and assessment of  
ecological status of rivers in  
Slovenia using benthic  
invertebrates**

14:00–  
14:20 Nikola MARINKOVIĆ, Nataša POPOVIĆ,  
Bojana TUBIĆ, Jelena TOMOVIĆ, Maja  
RAKOVIĆ, Vesna ĐIKANOVIĆ, Momir  
PAUNOVIĆ: **Ecological potential of  
the Serbian stretch of the Danube  
River based on macroinvertebrate  
communities – 2014-15 case  
study**

14:30–15:00 Coffee break

**OS-12 STREAM ECOLOGY  
B001**

Chair: Petr PAŘIL

15:00–  
15:20 Mirela SERTIĆ PERIĆ, Ines  
RADANOVIĆ, Renata MATONIČKIN  
KEPČIJA, Biserka PRIMC, Ivan  
HABDIJA: **Diel drift patterns of  
macroinvertebrates within a tufa-  
precipitating hydrosystem  
(Plitvice Lakes National Park,  
Croatia)**

15:20–  
15:40 Agnija SKUJA, Ilga KOKORITE, Agrita  
BRIEDE: **Dynamics of benthic  
macroinvertebrate colonisation in  
leaf breakdown experiment in  
small rhithral streams in Latvia**

**OS-11 BIODIVERSITY I  
B002**

Anamarija RIDL, Marija IVKOVIĆ,  
Zlatko MIHALJEVIĆ, Ana PREVIŠIĆ:  
**Caddisflies (Trichoptera, Insecta)  
of Mediterranean tufa barriers:  
specific communities of unique  
habitats**

Jana ZAJACOVÁ, Lenka HUBÁČKOVÁ,  
Jindřiška BOJKOVÁ: **Diversity of  
caddisflies (Trichoptera) in  
springbrooks of the Western  
Carpathian spring fens: Are their  
assemblages distinct from  
neighbouring streams?**

Vendula POLÁŠKOVÁ, Jana  
SCHENKOVÁ, Martina BARTOSOVÁ,  
Vanda RÁDKOVÁ: **Aquatic  
invertebrates of calcareous  
wetlands in post-mining  
landscape: a comparison with  
natural calcareous fens**

**OS-13 BIODIVERSITY II  
B002**

Chair: Ladislav HAMERLÍK

Jan SYCHRA, Lukáš MERTA, Vít  
ZAVADIL: **Large branchiopods  
(Branchiopoda: Anostraca,  
Notostraca, Spinicaudata) as  
pilgrims in time and space in  
Central Europe**

Martina BÍLKOVÁ, Jana SCHENKOVÁ:  
**Clitellate assemblages of spring  
fens in Slovakia with a focus on  
a fen specialist *Trichodrilus  
strandii* (Lumbriculidae)**

**2<sup>nd</sup> Central European Symposium for Aquatic Macroinvertebrate Research  
3–8 July 2016, Pécs, Hungary**

	<b>OS12 STREAM ECOLOGY B001</b>	<b>OS-13 BIODIVERSITY II B002</b>
15:40– 16:00	<u>Ildikó SZIVÁK</u> , Pál BODA, Gábor VÁRBÍRÓ, András CSERCSEA, Eszter Á. KRASZNAI, Arnold MÓRA, Diána ÁRVA, Mónika TÓTH, Tibor ERÓS: <b>Occupancy frequency distribution in stream insects: effect of habitat type, niche characteristics and dispersal ability</b>	<u>Marija IVKOVIĆ</u> , Adrian C. PONT: <b>Long-time emergence patterns of <i>Limnophora</i> species in specific karstic habitats: tufa barriers</b>
16:30– 19:00	<b>GUIDED TOUR &amp; GYUGYI PORCELAIN COLLECTION Zsolnay Cultural Quarter</b>	
19:00– 22:00	<b>CONFERENCE DINNER Zsolnay Restaurant</b>	

FRIDAY, 8 July

**PLENARY IV**  
**“Kavics”**

09:00– Pavel KRATINA:

10:00 **Indirect impacts of climate warming in pelagic and benthic food webs**

10:00–10:10 Coffee break

**OS-14 FOOD WEBS**  
**“Kavics”**

Chair: Carola WINKELMANN

10:10– Arnaud SENTIS, Charlene GEMARD, Baptiste JAUGEON, Julie MORISSON,

10:30 David S. BOUKAL: **Impacts of climate change on food webs: role of individual phenotypic plasticity and non-trophic interactions**

10:30– Alexander DÜRREGGER, Günther UNFER, Wolfram GRAF: **Feeding ecology of the Brown Trout (*Salmo trutta*) in two salmonid streams of the Bohemian Massif and the northern Limestone Alps under special consideration of Ephemeroptera-Plecoptera-Trichoptera Taxa**

10:50– Libor MIKL, Zdeněk ADÁMEK, Lucie VŠETÍČKOVÁ, Michal JANÁČ, Kevin ROCHE, Luděk ŠLAPANSKÝ, Pavel JURAJDA: **Benthic macroinvertebrate assemblage response to round (*Neogobius melanostomus*) and tubenose (*Proterorhinus semilunaris*) goby predation pressure**

11:10– Alexandra HENCZ, Bálint PERNECKER, Réka BODA, Péter MAUCHART, Arnold MÓRA, Zoltán CSABAI: **Seasonal and spatial differences in the trophic spectrum of Balkan Goldenring (*Cordulegaster heros* Theischinger, 1979) in the Mecsek Mountains, SW Hungary**

11:30–11:40 Coffee break

**OS-15 COMMUNITIES II**  
**B001**

Chair: Oana Teodora MOLDOVAN

11:40– Pavel SOUKUP, Michal ŠORF, Jan KLEČKA, David S. BOUKAL: **The effect of predation risk and habitat complexity on community assembly in small standing waters**

**OS-16 TAXONOMY**  
**B002**

Chair: Arnold MÓRA

Vladimir PEŠIĆ, Harry SMIT: **Evidence of cryptic and pseudocryptic speciation in *Brachypodopsis baumi* species complex (Acari, Hydrachnidia, Aturidae) from Borneo, with description of three new species**

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	<b>OS-15 COMMUNITIES II B001</b>	<b>OS-16 TAXONOMY B002</b>
12:00– 12:20	<u>Márk FICSÓR</u> : <b>The influence of abiotic environmental factors on the regional distribution of larval net-spinning caddisfly species (Trichoptera: Hydropsychidae) in Northern Hungary and in the Northern Great Plain</b>	<u>Fedor ČIAMPOR JR</u> , Zuzana ČIAMPOROVÁ-ZAŤOVIČOVÁ: <b>Riffle beetles DNA Barcoding (Coleoptera: Elmidae) – past, present and future</b>
12:20– 12:40	<u>András CSERCSEA</u> , Ildikó SZIVÁK, Gábor VÁRBIRO, Eszter Á. KRASZNAI, Péter MAUCHART, Arnold MÓRA, Diána ÁRVA, Mónika TÓTH, Tibor ERŐS, Pál BODA: <b>Relative roles of environmental and spatial factors in determining macroinvertebrate metacommunity structure in riverine systems</b>	<u>Denis COPILAS-CIOCIANU</u> , Cene FIȘER, Péter BORZA, Gergely BALÁZS, Dorottya ANGYAL, Adam PETRUSEK: <b>A comparative study of two epigean <i>Niphargus</i> species: phylogenetic relationships, phylogeography, morphology and ecology</b>
12:40– 13:00	<u>Marko MILIŠA</u> , Marina TETKOV: <b>Macroinvertebrate colonization and organic matter transport in moss mats at tufa barriers</b>	<u>Kamil HUPAŁO</u> , Tomasz MAMOS, Weronika OLSZEWSKA, Marta ŚWIDNICKA, Ioannis KARAOUZAS, Wanda PLAITI, Michał GRABOWSKI: <b>Diversity and origin of freshwater gammarids from Crete and Peloponnese</b>
13:00– 13:10	<b>AWARDS &amp; CLOSING CEREMONY</b>	
	Best young speaker prize Best poster presentation prize	
13:10–14:30	Lunch	