

~ 6th AQUATIC BIODIVERSITY INTERNATIONAL CONFERENCE ~  
2017 - Sibiu/Transylvania/Romania/European Union

11<sup>00</sup> - 11<sup>30</sup> OPENING CEREMONY  
SEPTEMBER 28, 2017 ULBS Aula Magna Conference Hall  
“Lucian Blaga” Street 2, Sibiu



AQUATIC BIODIVERSITY INTERNATIONAL CONFERENCE  
SIBIU, ROMANIA, EUROPEAN UNION  
2017

SEPTEMBER 28, 2017 (programme)  
ULBS Aula Magna Conference Hall,  
“Lucian Blaga” Street 2, Sibiu

## 11<sup>00</sup> – 11<sup>30</sup> OPENING CEREMONY

*Aquatic Biodiversity International Conference Sibiu  
2007-2017 – Memento*

Assoc. Prof. Dr. Angela CURTEAN-BĂNĂDUȚ  
“Lucian Blaga” University of Sibiu – ABIC 2017 Conference Chair



Prof. Dr. Eng. Ioan BONDREA  
“Lucian Blaga” University of Sibiu – Rector



Dr. Cristina SANDU  
International Association for Danube Research – President



The conferment of the “*Aquatic Biodiversity*” *honorary plaquete* to  
Prof. Dr. Erika SCHNEIDER-BINDER  
**for professional lifetime achievements.**



## 11<sup>30</sup> – 12<sup>00</sup> KEYNOTE PRESENTATION

Prof. Dr. Erika SCHNEIDER-BINDER  
The Lower Danube – a living green corridor of great ecological  
importance or a constructed economic waterway



12<sup>00</sup> – 12<sup>30</sup> Tea / Coffee break / individual discussions

12<sup>30</sup> – 13<sup>30</sup> ORAL PRESENTATIONS SESSION

**Aquatic biodiversity: assessment, monitoring,  
conservation and management**



**Chair Doru BĂNĂDUC**



**AQUATIC BIODIVERSITY INTERNATIONAL CONFERENCE  
SIBIU, ROMANIA, EUROPEAN UNION  
2017**

12<sup>30</sup> – 12<sup>45</sup>  
ORAL PRESENTATION

Saša MARIĆ,  
David STANKOVIĆ,  
Josef WANZENBÖCK,  
Radek ŠANDA,  
Tibor ERÖS,  
Péter TAKÁCS,  
András SPECZIÁR,  
Nenad SEKULIĆ,  
Doru BĂNĂDUȚ,  
MARKO ČALETA,  
Ilya TROMBITSKY,  
László GALAMBOS,  
Sándor SIPOS  
and  
Aleš SNOJ

PHYLOGEOGRAPHY AND  
POPULATION GENETICS  
OF THE EUROPEAN MUDMINNOW  
(*UMBRA KRAMERI*) WITH A  
TIME-CALIBRATED PHYLOGENY  
FOR THE FAMILY UMBRIDAE



12<sup>45</sup> – 13<sup>00</sup>  
ORAL PRESENTATION

Bjarni K. KRISTJÁNSSON  
and  
Camille A.-L. LEBLANC

RELATIONSHIPS BETWEEN  
DIETARY AND MORPHOLOGIC  
DIFFERENCES BETWEEN  
INDIVIDUALS WITHIN  
POPULATIONS OF SMALL  
BENTHIC ARCTIC CHARR



13<sup>00</sup> – 13<sup>15</sup>  
ORAL PRESENTATION

Boris LEVIN,  
Evgeniy SIMONOV,  
Alexander GANDLIN  
and  
Marina LEVINA

PHYLOGENY,  
PHYLOGEOGRAPHY AND  
HYBRIDIZATION OF THE  
CAUCASIAN BARBELLS  
(GENUS *BARBUS* S. STR.)



13<sup>15</sup> – 13<sup>30</sup>  
ORAL PRESENTATION

Ahmet S. OYMAK,  
Hande ŞELLI,  
smail KOYUNCU,  
Arif PARMAKSIZ  
and Zafer DOĞU

COMPARISON OF OXIDATIVE  
STRESS PARAMETERS IN  
*BARBUS LUTEUS* LIVING IN  
BALIKLIGÖL (ŞANLIURFA) AND  
ATATÜRK DAM LAKE  
(EUPHRATES RIVER)



13<sup>30</sup> – 15<sup>00</sup> Break

15<sup>00</sup> – 16<sup>30</sup> ORAL PRESENTATIONS SESSION

**Aquatic biodiversity: assessment, monitoring,  
conservation and management**



Chair *Mirjana LENHARDT*



AQUATIC BIODIVERSITY INTERNATIONAL CONFERENCE  
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15<sup>00</sup> – 15<sup>15</sup>  
ORAL PRESENTATION

**Mirjana LENHARDT**,  
*Stefan SKORIĆ,*  
*Katarina JOVIČIĆ,*  
*Sladjana SPASIĆ*  
and  
*Aleksandar HEGEDIŠ*

IMPACT ASSESSMENT OF  
ENVIRONMENTAL  
CONTAMINATION  
BY METAL AND METALLOID  
CONCENTRATIONS (ICP-OES) IN  
THE GILLS, LIVER AND MUSCLE  
OF CHUB (*SQUALIUS CEPHALUS*)



15<sup>15</sup> – 15<sup>30</sup>  
ORAL PRESENTATION

**Bjarni K. KRISTJÁNSSON**  
and  
*Camille A.-L. LEBLANC*

HIGH NUMBER OF SMALL  
POPULATIONS AS A TOOL TO  
STUDY EVOLUTIONARY AND  
ECOLOGICAL PROCESSES OF  
DIVERSIFICATION:  
INSIGHT FROM ARCTIC CHARR  
IN LAVA CAVES



15<sup>30</sup> – 15<sup>45</sup>  
ORAL PRESENTATION

**Boris LEVIN**,  
*Evgeniy SIMONOV,*  
*Oleg ERMAKOV,*  
*Marina LEVINA*  
and  
*Ivan POZDEEV*

PHYLOGENY AND  
PHYLOGEOGRAPHY OF THE  
ROACHES, THE GENUS *RUTILUS*,  
IN THE EASTERN PART  
OF THE RANGE



15<sup>45</sup> – 16<sup>00</sup>  
ORAL PRESENTATION

**Alexandru BURCEA**,  
*Gina-Oana POPA,*  
*Iulia Elena FLORESCU,*  
*Andreea DUDU,*  
*Sergiu E. GEORGESCU*  
and  
*Marieta COSTACHE*

THE EXPRESSION  
OF SEXUAL  
DEVELOPMENT GENES  
IN BEST BELUGA  
HYBRID INDIVIDUALS



16<sup>00</sup> – 16<sup>15</sup>  
ORAL PRESENTATION

*Numa Emre GÜMÜŞ*  
and  
**Cengiz AKKÖZ**

THE DETERMINATION  
OF HEAVY METALS  
IN WATER AND SEDIMENT  
OF EBER LAKE  
(TURKEY)



16<sup>15</sup> – 16<sup>30</sup>  
ORAL PRESENTATION

*Baran AŞIKKUTLU*  
and  
**Cengiz AKKÖZ**

MOLECULAR ANALYZES OF  
SOME BENTHIC  
CYANOBACTERIA AND  
CHLOROPHYTA SPECIES IN  
ALTINAPA DAM LAKE  
(TURKEY).



16<sup>30</sup> - 17<sup>00</sup> Tea / Coffee break / individual discussions

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17<sup>00</sup> -18<sup>30</sup> ORAL PRESENTATIONS SESSION

**Aquatic biodiversity: assessment, monitoring,  
conservation and management**



**Chair** *Bjarni Kristofer KRISTJANSSON*



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17 <sup>00</sup> – 17 <sup>15</sup> ORAL PRESENTATION	<b><u>Baran ASIKKUTLU</u></b> and Cengiz AKKÖZ	SOME BENTHIC CYANOBACTERIA AND CHLOROPHYTA SPECIES IN ALTINAPA DAM LAKE (KONYA/TURKEY).	
17 <sup>15</sup> – 17 <sup>30</sup> ORAL PRESENTATION	<b><u>Saúl BLANCO</u></b> Maria BORREGO- RAMOS and Adriana OLENICI	THE DIATOMS OF CEUTA (N AFRICA): DIVERSITY AND USE AS BIOINDICATORS	 
17 <sup>30</sup> – 17 <sup>45</sup> ORAL PRESENTATION	<b><u>Maria BORREGO- RAMOS</u></b> Saúl BLANCO and Adriana OLENICI	THE DIATOM FLORA FROM A SUBTERRANEAN ECOSYSTEM: VALPORQUERO CAVE (NW, SPAIN)	 
17 <sup>45</sup> – 18 <sup>00</sup> ORAL PRESENTATION	<b><u>Irma-Lidia SZIGYÁRTÓ,</u></b> Izabella RÁKOSSY, Krisztina BUCZKÓ, István URAK and Andreea-Rebeka ZSIGMOND	OMBROTROPHIC PEAT BOGS AS DIATOM DIVERSITY HOTSPOTS IN TRANSYLVANIA (ROMANIA)	 
18 <sup>00</sup> – 18 <sup>15</sup> ORAL PRESENTATION	<b><u>Doriane COMBOT</u></b> Daniel GOVONI, Camille LEBLANC and Bjarni Kristofer KRISTJANSSON	EPIBENTHIC MACROINVERTEBRATE DIVERSITY IN RELATION TO ECOLOGICAL FACTORS IN GROUNDWATER-FED LAVA CAVES IN NORTH EAST ICELAND	
18 <sup>15</sup> – 18 <sup>30</sup> ORAL PRESENTATION	<b><u>Agnes-Katharina KREILING</u></b> Jón S. ÓLAFSSON, Snaebjörn PÁLSSON and Bjarni Kristofer KRISTJANSSON	INFLUENCE OF WATER TEMPERATURE ON THE INVERTEBRATE COMMUNITY IN ICELANDIC SPRINGS, A FOCUS ON CHIRONOMIDAE	