

## Biological Diversity of Polychaetes

- Over 80 families are known
- At least 13,000 extant species described
- Large number of species yet to be discovered
- Many taxonomic problems remain - including "cosmopolitan" species









I have the good fortune to be at the end of the line to bring you this slide today.



© Dr. John ...





*I hope the guy that bored you  
for half an hour came through  
to change your attitude about  
worms !*











Ionuț Ștefan Iorgu


















THE THIRD ANNUAL ZOOLOGICAL CONGRESS OF  
"ȘTIINȚELE ANTIMINER" MUSEUM, 22-25 NOVEMBER 2011

**CZGA**  
CONFEDERATION OF  
ZOOLOGICAL GAZETTES  
OF ANTIMINER MUSEUM

**USING UNIO CRASSUS PHILIPSSON, 1784  
(BIVALVIA: UNIONIDAE) AS A VALUABLE TOOL  
FOR RIVERS' ECOLOGICAL STATE ASSESSMENT;**

**CASE STUDY - THE HÂRTIBACIU RIVER  
(OLT RIVER BASIN, TRANSYLVANIA, ROMANIA)**

Ioan SÎRBU and Ioana GOGOLINCI



 Lucian Blaga University of Sibiu,  
Faculty of Sciences,  
Dept. of Ecology and Environmental Protection



THE THIRD ANNUAL ZOOLOGICAL CONGRESS OF  
"GRIGORE ANTONI" MUSEUM, 23-25 NOVEMBER 2011

CZGA



*USING UNIO CRASSUS PHILIPSSON, 1788  
(BIVALVIA: UNIONIDAE) AS A VALUABLE TOOL  
FOR RIVERS' ECOLOGICAL STATE ASSESSMENT;*

*CASE STUDY - THE HÂRTIBACIU RIVER  
(OLT RIVER BASIN, TRANSYLVANIA, ROMANIA)*



*Ioan SÎRBU and Ioana GOGOLINCĂ*

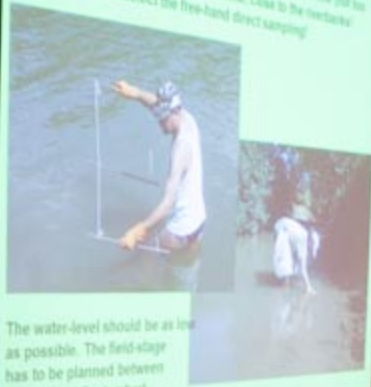


*Lucian Blaga University of Sibiu,  
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- *Unio crassus* lives preferentially in flowing waters, in fine (not too muddy), as possible stable sediments, close to the riverbank!  
Use grids, and select the free-hand direct sampling!



The water-level should be as low as possible. The field-stage has to be planned between August and September!















CZGA



The Third Annual Zoological Congress of Gregor Antipov Museum  
23-25 November 2011, Bucharest - Romania

## Growth strategies of the water bugs (Heteroptera: Nepomorpha, Gerromorpha) in relation to their life cycles



Miroslav Papáček

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Results: Selected examples  
Semivoltine and univoltine species (a) - (d)  
if it, except the Vitis control

Example of grass  
with great diversity









## AREA OF STUDY AND RESEARCH

Research took place in Romania, Eastern urban space.

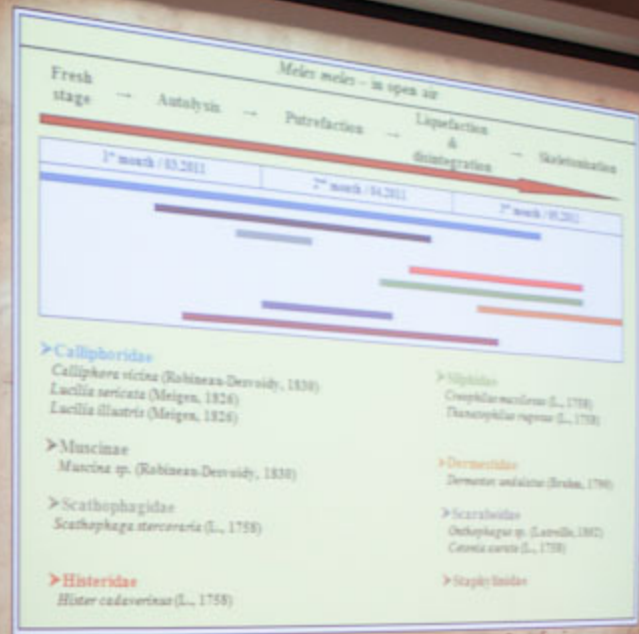
GPS Coordinates:  
44° 27' 10" N  
26° 05' 04" E



Demetriu 12, 060100







A woman in a dark suit is seated at a wooden podium on the left side of the stage, looking down at a document. The podium has a microphone in front of her.

A long, curved wooden table is positioned in front of the stage. Behind the table, there are five orange upholstered chairs. Each chair has a microphone in front of it. The table is currently empty.



Slide content (approximate text):

Year	Revenue	Profit
2010	1000	200
2011	1200	250
2012	1500	300
2013	1800	350
2014	2000	400

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If you die, we will find you!























Dr. Ionuț Ștefan Iorgu











