

Report of the
“Macrophyte” Expert Group
2016

A main activity of the IAD-Expert Group ‘Macrophytes’ (EGM) since the last Board Meeting focused on finishing and submitting the manuscript of the planned book on Danube macrophytes to the publisher’s office, ACADEMIA, The Publishing House of the Academy of Sciences of the Czech Republic. This included also a successful review process. At present the book is in production and publication may well fall within the current year.

Regarding cooperation among the members of the EGM following the publication of the book the EGM-Lead plans, and has started contact with relevant persons, to hold a meeting of interested group members again, most probably in the first half of 2017, located in Moravia (CZ). This meeting will be used to discuss several topics, so far buried in the data source of the Danube-Macrophyte project, as well as the application of new/additional methodological approaches to macrophyte survey, mapping and/or assessment.

Publications

Ecohydrology, floodplain water bodies, European legal provisions and the future. Janauer, G.A. 2016. *Ecohydrology & Hydrobiology* 16, 58-65.

Architectural adaptation in *Myriophyllum spicatum* L. in a lotic environment: is it caused by current velocity? Neuhold, B., Janauer, J.D., Janauer, G.A. 2016. *Acta Biologica Slovenica* 59, 73-87.

Macrophyte assemblages in the aquatic-terrestrial transitional zone of oxbow lakes in the Danube floodplain (Austria). Schmidt-Mumm, U., Janauer, G.A.. 2016. *Folia Geobotanica*. DOI 10.1007/s12224-016-9234-3

Within-weed bed architectural adaptation of branching pattern in *Myriophyllum spicatum* L. – the effect of the flow-sheltered zone. Neuhold, B., Janauer, J.D., Janauer, G.A. In preparation.

International Collaboration

University of Debrecen:

Dr. Herta Csedli. Tisza oxbows.

University of České Budějovice:

Mag. Kateřina Franková. Fish-Macrophyte relationship in Bohemian Fishponds with different management strategies

Czech Academy of Sciences

Martina Čtvrtlíková. Macrophyte composition of reservoirs of the Bohemian Shield

Warsaw University of Life Sciences:

Mateusz Grygoruk. The role and development of macrophytes in the main water bodies of the Biebrza National Park Area, Poland.

5 May 2017

Georg A. Janauer

Leader “Macrophytes” Expert Group