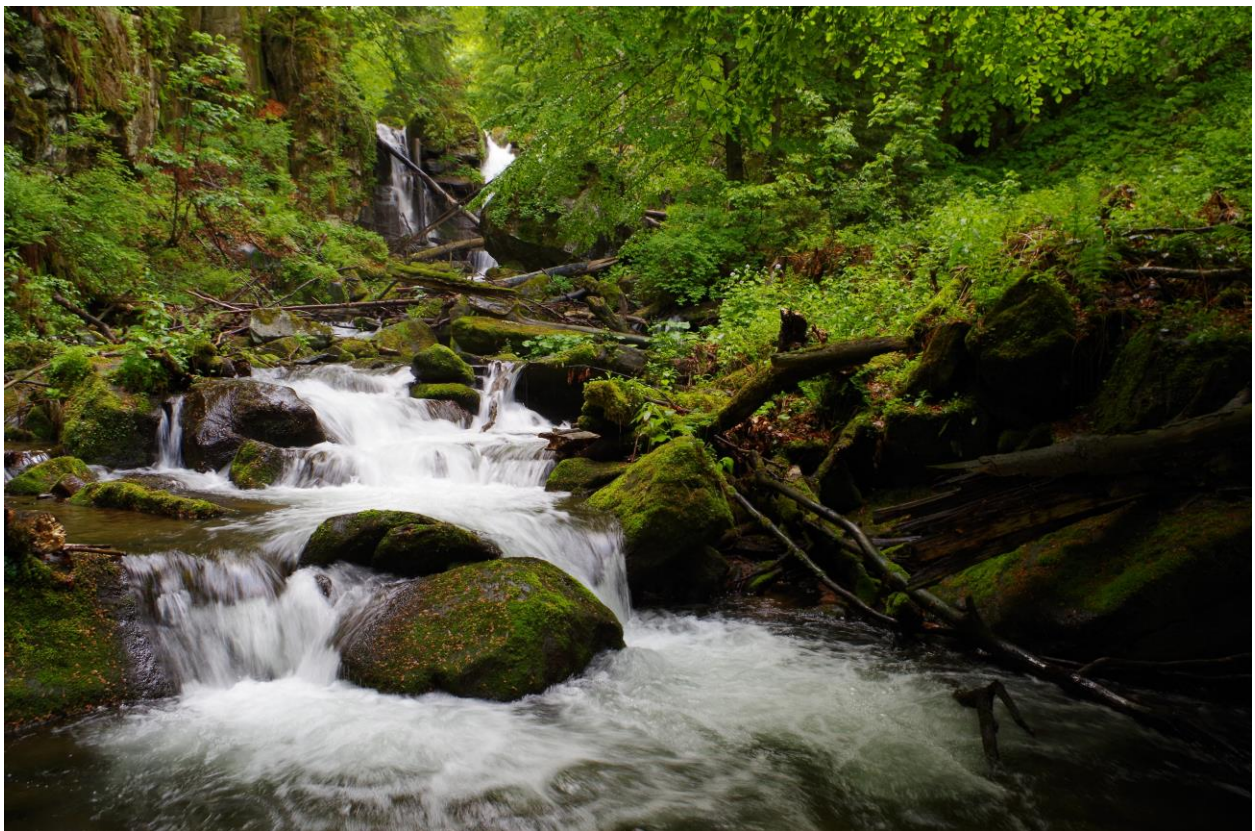


„Ephemeroptera, Plecoptera, Diptera biodiversity trip along the Uzh river, Ukraine“

FAN (B)- Förderkreis für allgemeine Naturkunde (Biologie)

Short report for FAN (B)

Peter Manko & Jozef Oboňa



November 2016

Fieldwork

In May 2016, we completed the last field work. We focused on interesting sites from first trip in this second sampling campaign.



Identification

Material sampled was sorted, identified, or sent to our colleagues. We identified more than 150 species and more than 70 new records for Ukraine. Several records are interesting from faunistics and/or ecosozological point of view.

Publications

These days, we're working hard on many papers and we teamed up with several colleagues mainly from abroad (experts in specific taxa groups).

An overview of papers (manuscripts) which are prepared for publication is presented below.

Paper 1

Title: Contribution to knowledge of long-legged flies (Diptera: Dolichopodidae) of Uzh River Basin, with additions to the checklist of Ukraine.

In cooperation with **Oleg P. Negrobov** (Voronezh State University, Russia).

Fauna of long-legged flies (Diptera: Dolichopodidae) of Uzh River Basin from random and extensive samplings is presented. First records of *Teuchophorus monacanthus* Loew, 1859, *Teuchophorus simplex* Mik, 1880 and *Sympycnus simplicipes* Becker, 1908 for fauna of Ukraine is added with the updated checklist of long-legged flies (Diptera: Dolichopodidae) of Ukraine, which now includes 203 species.

Klapalekiana - 1184 - 4.11.2016 submitted

Paper 2

Preliminary title: Empididae and Hybotidae (Diptera) of Uzh River Basin, with additions to checklists of Ukraine.

In cooperation with **Ruud van der Weele** (The Netherlands), and **Igor Shamshev** (Russian Academy of Sciences, Russia).

Inventory of species from families Empididae and Hybotidae from random and non-intensive sampling from Uzh River Basin in Ukraine is presented. First records of thirteen empidid species (*Empis* (E.) *filata*, *Hemerodromia* (*Heleodromia*) *oratoria*, *Hilara flavipes*, *H. hyposeta*, *H. intermedia*, *H. lasiochira*, *H. litorea*, *H. media*, *Chelifera precatoria*, *Ch. Trapezina*, *Rhamphomyia* (*Aclonempis*) *longipes*, *R. (R.) nigripennis*, *Wiedemannia* (W.) *tricuspidata*) and three first records of hybotid species (*Crossopalpus curvinervis*, *Oedalea stigmatella*, *Platypalpus longiseta*.) for fauna of Ukraine is presented. Ukrainian checklists of these families are summarised for Empididae with 63 species and for Hybotidae with 96 species.

Work in progress.

Paper 3

Preliminary title: Faunistic notes on first records of some flies (Diptera) families from biodiversity trip along the Uzh River, Ukraine.

In cooperation with **Libor Dvořák** (Municipal Museum Mariánské Lázně, Czech Republic), **Jaroslav Starý** (Silesian Museum, Czech Republic), **Michal Tkoč** (Department of Entomology, National Museum Prague, Czech Republic).

Cca 25 first records of some Diptera families of Uzh River Basin (e.g. Blephariceridae, Limoniidae, Pediciidae, Ptychopteridae, Dixidae etc....)

Work in progress.

Paper 4

Preliminary title: Inventory of moth flies (Diptera: Psychodidae) from Ukraine

In cooperation with **Ján Ježek** (Department of Entomology, National Museum Prague, Czech Republic).

Cca 20 first records of moth flies from Ukraine

Work in progress.

Paper 5 (or more than one)

Preliminary title: Macrozoobenthos (Diptera, Ephemeroptera, Heteroptera, Neuroptera, Odonata, Plecoptera, Megaloptera, Coleoptera and Trichoptera) of Uzh River Basin.

In cooperation with **Ľuboš Hrivniak** (Laboratory of Ecology of Aquatic Insects and Relict Ecosystems, Institute of Entomology, Biology Centre of Czech Academy of Science),

Petr Kment (Department of Entomology, National Museum Prague, Czech Republic), **J. Manuel Tierno de Figueroa** and **Carmen Elisa Sáinz-Cantero** (Department of zoology, Faculty of Science, University of Granada), **Zuzana Matúšová** and **Milan Novíkmec** (Faculty of Ecology and Environmental Sciences, Technical University in Zvolen, Slovakia).

Summary work on macrozoobenthos - with several interesting findings and first records.

Work in progress.

Conclusions

We expect that we will publish at least five papers in 2017 from which at least one in journal indexed in Current Contents. Results of this small project and extensive sampling in only one watershed will serve as a base for following detailed faunistic research in Ukrainian Transcarpathia. We hope that our results and publications will be good enough for FAN (B).

November 2016, Presov

Peter Manko & Jozef Oboňa

