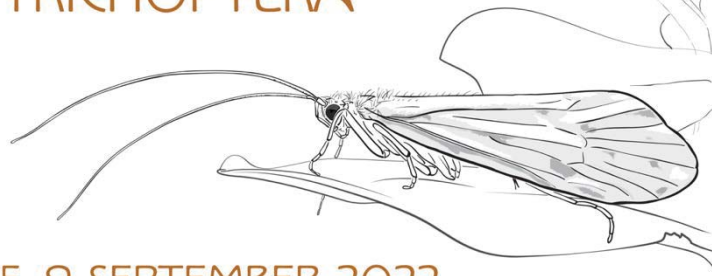


XVII INTERNATIONAL
SYMPOSIUM ON
TRICHOPTERA



5-9 SEPTEMBER 2022
LUNZ AM SEE – AUSTRIA

**Book of Abstracts and
other Information**



IHG 
Institute of
Hydrobiology and Aquatic
Ecosystem Management



Compiled by Astrid Schmidt-Kloiber, Simon Vitecek, Wolfram Graf & Hans Malicky

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Session **Biogeography**

Talk **BG4**

Dina Smirnova, Olga Sklyarova, Juha Salokannel, Vladimir Ivanov, Stanislav Melnitsky
Kazakhstan Agency of applied Ecology, Almaty, Kazakhstan

Investigation of the Caddisfly Fauna in Kazakhstan

Unique geographical position of Kazakhstan in the center of the Eurasian continent, a wide variety of landscapes and water bodies creates conditions for the formation of a diverse fauna of caddisflies. At the same time, the geological history of this region with periods of glaciation and desiccation affected the formation of the caddis fauna. History of the study of caddisflies in Kazakhstan began with the work of A.V. Martynov at the beginning of the 20th century. In 2016, a faunistic summary of the fauna of caddisflies in Kazakhstan was made according to the literature data for almost a century. In 2015-17, in order to obtain the missing information about the fauna, distribution and place of caddisflies in biocenoses, and to preserve their diversity, the project "Assessment of the biodiversity of caddisflies (Trichoptera) in water bodies of Kazakhstan" was implemented. During this project, a Kazakh-Russian expedition to the north-east of the country took place. In 2019, trips took place with the participation of Finnish and Russian researchers to the south and southeast of Kazakhstan. Each trip brought new species for the fauna of Kazakhstan, so the 2017 study brought 6 new species, and 2019 - more than 10 species. Over the past five years, the list of caddisflies in Kazakhstan has been replenished by more than 2 dozen species. Clarifications were made to previously published data on the detection of some species in Kazakhstan. Thus, the presence of *Goera japonica* Bks, *Lepidostoma itoae* Kum. & Weav. was not confirmed in the middle reaches of the Ili River. It is obvious that the fauna of caddisflies in Kazakhstan has not been studied enough and further research will bring a significant replenishment of the faunistic list and will clarify the distribution of species across the territory of Kazakhstan.