



Abstracts

8th European Ostracodologists'
Meeting

Tartu, Estonia, 22-30 July 2015



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Department of Geology, Institute of Ecology and Earth Sciences, University of
Tartu

Edited by
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Tartu, 2015

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8th European Ostracodologists' Meeting

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Recommended reference to this publication:

Perrier, V. & Meidla, T. (eds). Abstracts, 8th European Ostracodologists' Meeting. Tartu, Estonia, 22-30 July 2015. Tartu, 2015, 90 p.

Matzke-Karasz, R. & Smith, R. J. 2015. Aspects of reproduction with giant sperm in non-marine ostracods. *In*: Perrier, V. & Meidla, T. (eds). Abstracts, 8th European Ostracodologists' Meeting. Tartu, Estonia, 22-30 July 2015. Tartu, 2015, 43.

Electronic copies of this publication may be obtained from the Department of Geology, Institute of Ecology and Earth Sciences, University of Tartu.

ISBN 978-9985-4-0927-5



www.ut.ee

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Preface

The ostracod workers are meeting regularly in different places of Europe but this is the first time when the meeting takes place in Estonia. Tartu, the location of the 8th European Ostracodologists' Meeting was decided during the 7th EOM in Graz, Austria, in the summer of 2011. The meeting is hosted by the Department of Geology of the University of Tartu.

The meeting is held in July 22-30, 2015 and the period is divided into three parts. The pre-conference field trip starts from Tallinn on July 22th and takes a small group of people to a number of sites related to the ostracod studies in Estonia. The scientific sessions in Tartu are held from July 24th to 27th, with the mid-conference excursion to the Endla Nature Reserve and inter-drumlin Lake Saadjärv. The post-conference excursion visits the Ordovician and Silurian sections on the Island of Saaremaa and in mainland Estonia, it departs from Tartu on July 28th and terminates in Tallinn on July 30th.

The present abstract volume was prepared for the meeting. 40 talks and 34 poster presentations of this meeting summarize recent advances in ostracod studies, covering a wide range of topics from biology to geoarchaeology. Several business meetings are held during conference.

The organizers thank all contributors and members of the scientific committee and acknowledge financial support from the University of Tartu.

Tõnu Meidla and Oive Tinn

On behalf of the Organizing Committee

Distribution of ostracod and diatom assemblages in Beyler Dam Pond, Kastamonu, Northern Turkey

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The study area, Beyler Dam Pond, is located nine kilometres northwest of Devrekani town of Kastamonu. It covers 2.40 km² aquatic surface area. 21 samples were collected from the littoral zone of the pond in September 2014 when shoreline retreat prevailed to reveal ostracod and diatom assemblages with other faunal and floral data.

Six genera and seven taxa of ostracods belonging to four families have been determined: *Physocypria kraepelini*, *Ilyocypris bradyi*, *Ilyocypris salebrosa*, *Isocypris beauchampi*, *Cypridopsis vidua*, *Limnocythere inopinata* and *Trajancypris* sp.. Moreover, 78 diatom species have been detected from same sampling points. *Navicula* sp., *Cyclotella ocellata*, *Amphora ovalis*, *Gomphonema angustatum* and *Cymbella amphicephala* are abundant in diatom assemblages and especially pennat diatoms are common. Also some other studies are in progress on palynomorphs, gastropods and fish teeth.

Obtained ostracod assemblages have widespread geographical distribution. *Physocypria kraepelini*, *Ilyocypris salebrosa*, *Isocypris beauchampi* and genus *Trajancypris* are common in Palearctic ecozone. *Ilyocypris bradyi* and *Limnocythere inopinata* are recorded throughout the whole Holarctic while *Cypridopsis vidua* has a cosmopolitan distribution (Karanovic, 2012).

References: KARANOVIC I. 2012. Recent Freshwater Ostracods of the World, Springer, 608 p.