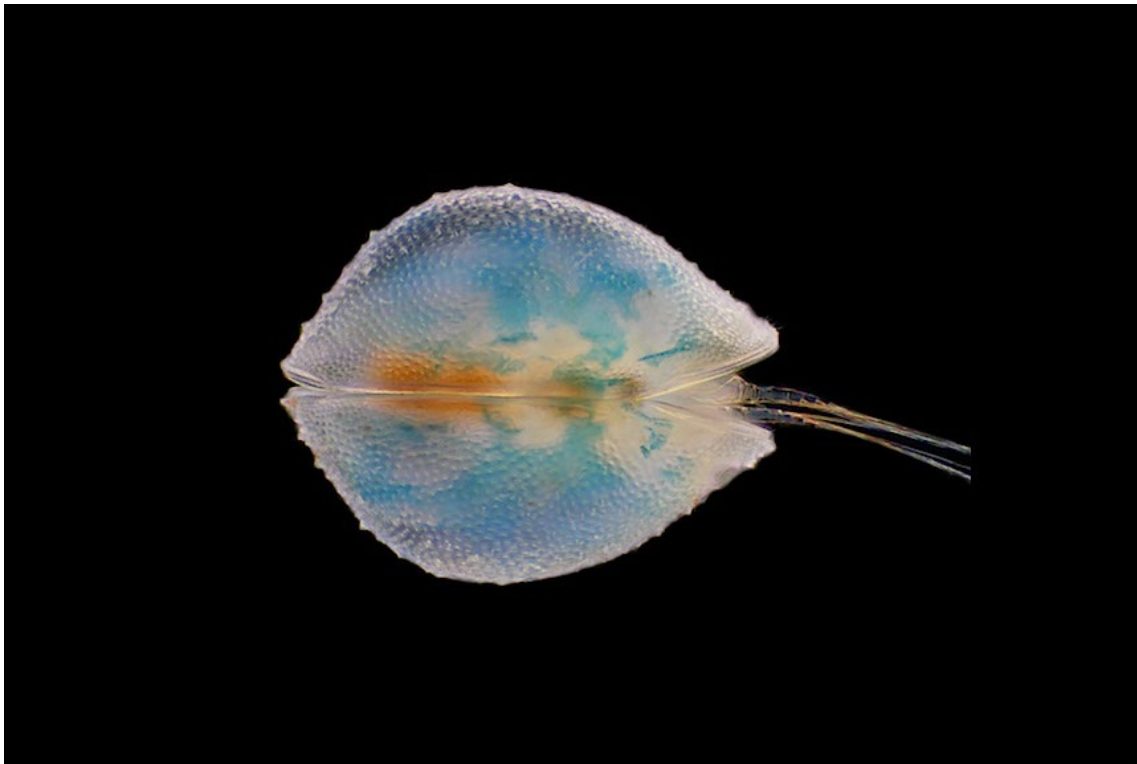


CYPRIS

2018

Number 36 Supplement

Editor: Elisabeth Brouwers



Cypris granulata female, Lake Biwa. Image courtesy of Robin J. Smith.

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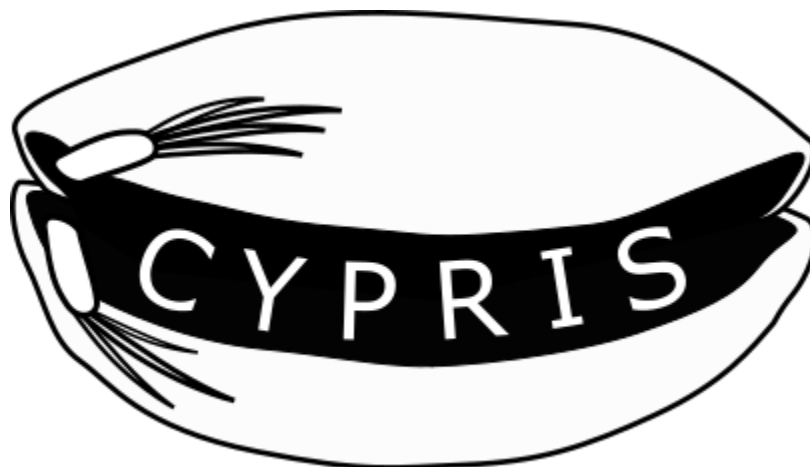


Table of Contents

List of Correspondents

Research Activities

Argentina

Austria

Belgium

Brazil

China

Czech Republic

Estonia

Germany

Hungary

Iceland

Italy

Japan

Luxembourg

Portugal

Russia

Serbia

Singapore

Slovenia

Spain

Thailand

Turkey

Ukraine

United Kingdom

United States

Meetings

Special Publications

Research Notes

Photographs and Drawings

Awards

New Taxa

Funding Opportunities

Obituaries

Papers and Abstracts

2009

2012

2013

2014

2015

2016

2017

2018

2019
Submitted, accepted, in press
Addresses

CORRESPONDENTS

Gabriela Cusminski	Argentina
Claude Meisch	Belgium
Simone Nunes Brandao	Brazil
Emóke Tóth	Hungary
Steffen Mischke	Iceland
Ilaria Mazzini	Italy
Okan Kulkoyluoglu	Levante
Claude Meisch	Luxembourg
Liseth Alvarado	Mexico
Gene Hunt	North America
Marius Stoica	Romania
Maria Karpuk	Russia
Tamara Karan Znidarsic	Serbia
Chris Gouramanis	Singapore, Malaysia
Sukonthip Savatentalinton	Thailand
Okan Kulkoyluoglu	Turkey
Maria Karpuk	Ukraine

Contributions for a Cypris newsletter for 2018 were collected at the time, but the final document was not prepared for posting. The raw files have been recovered by Renate Matzke-Karasz. Elisabeth Brouwers collected the original data and collated the raw file. As the raw file was just found, I completed the final editing and formatting for posting. Because newsletters from 2017-2021 have been numbered, this issue is numbered 36 supplement. This reflects that 2019, number 36, contains information from the original raw file. However, significant information was not carried over, so this issue reflects input from scientists for the 2018 newsletter that did not get carried over to the 2019 issue.

RESEARCH ACTIVITIES

ARGENTINA Gabriela Cusminsky

Laura Ferrero

I continue working on Recent and Quaternary ostracods from the Pampas (Argentina) with a focus on the use of ostracods as palaeoenvironmental proxies.

Fabio Lucas Flores

I am a PhD student (Thesis entitled *Actualistic taphonomy of ostracodes along a salinity gradient in the southeast of the Pampas Plain*) working on ecology and taphonomy of ostracods in brackish environments, Buenos Aires Province. The aims of this study are: 1) the recognition of the diversity and distribution patterns of Ostracoda along a salinity gradient and relationships with environmental variables, and 2) evaluate the role of environmental and biological factors in the structuring of fossil assemblages. The final goal is the application of these results in improving the paleoenvironmental reconstructions of Holocene deposits in the region.

Romina Gisela Kihn

I am currently working in the Institute of Earth and Environmental Sciences of La Pampa (INCITAP).

I have finished my postdoctoral project “*Associations Ostracods of the Late Quaternary of the lower basin of Atuel river, La Pampa / Mendoza, Argentina: ecological and paleolimnological implications*”, supervised by **Dra. Gabriela C. Cusminsky** and **Dr. Marcelo Zárate**. I analyzed the current and fossil lacustrine ostracods from La Pampa Province as palaeoenvironmental indicators during the Holocene. I performed qualitative and quantitative studies based on samples and species. Current ostracods associations with physical-chemical variables were obtained from the various bodies of water.

Patricia Alejandra Perez

- Limnology of shallow Patagonian lakes, focusing on the relation of biological processes in Ostracoda with climate change.
- Biodiversity of ostracode assemblages in freshwater systems.
- My scientific activities developed during the last two years focused on the study of the ecology of lacustrine ostracodes (Crustacea) and their use as bioproxies in paleoclimatic reconstructions. The study includes a program of samplings of biodiversity and autoecology of ostracods in lakes, lagoons, wetlands, slopes distributed in a transect from west to east in North Patagonia. The main results achieved include taxonomic contributions with descriptions of new species and new combinations of *Riocypris* and *Cypridopsis* using

classical identification techniques and morphometric analysis. In this way, it has been possible to rectify or ratify the taxonomic and biogeographical position of the different species, comparing them with those from the fossil record of the region. We made determinations of different specific associations of ostracods and their respective ecological requirements by means of multivariate cluster analysis and gradient analysis and some species have been proposed as the most suitable to be used as bioproxies in the Patagonian lake sedimentary sequences.

Florencia Pisano

I am a researcher at the National Council of Scientific and Technological Research (CONICET). I am working in comparative taphonomy between calcareous proxies (ostracods and mollusks) from freshwater environments of the Salado River Basin, Buenos Aires Province, focused on the preservation processes and analysis of quantitative fidelity between living-dead fossil associations, for paleoenvironmental and paleoclimatic reconstructions.

Maria Belen Zamudio

I am studying nonmarine Late Miocene ostracods, from NOA area, Argentina, with applications for taxonomy and palaeoecology. I am doing a PhD thesis at Universidad Nacional del Nordeste, under the direction of **Susana Morton** and **Ana P. Carignano**.

AUSTRIA

Dan Danielopol

Scientific activities:

- Investigation on various aspects of morphology and systematics of Recent and fossil Cytheridellini Timiriaseviinae (in cooperation with **Martin Gross, Lea Rausch, Werner E. Piller** and **Emoeke Tóth**).
- Description and quantification of the disparity of sieve-type pore canals (StPC) of Limnocytheridae, with special emphasis on Timiriaseviinae (in cooperation with **Cristina Cabral, Alan Lord, Pierre Carbonel, Martin Gross, Marius Stoica, William F. Humphreys, Tadeusz Namiotko, Emoeke Tóth, Okan Kulköylüoğlu, Werner E. Piller** and **Telmo Nunes**).
- StPC Morphometrics of the fossil valves belonging to *Minyocythere* (Cytheridae), with special emphasis on their usage for an improved systematics of the genus and related taxa (The contribution belongs to a project led by **Alan Lord** and **Cristina Cabral**).
- Evocation of the impact of **Emil G. Racovitza** ideas for the development of the origin and distribution of the subterranean dwelling ostracods of the S-F. Timiriaseviinae (The contribution belongs to a project prepared by **Ionel Tabacaru**, myself and **Ilinca Juvara-Bals** intended to honour the 150 birth day of Emil G. Racovitza).

Benjamin Sames

I am at the University of Vienna, Department of Geodynamics and Sedimentology, Austria. I have, for personal reasons, slowed down a bit professionally in 2018-early 2019. Besides some side projects and publications, I continue to focus on nonmarine ostracods and aspects of their application, mainly regarding the mid-Late Mesozoic time interval and slowly started to delve into contemporaneous charophytes.

- I am dealing with late Mesozoic ostracods with focus on the nonmarine Late Jurassic and Cretaceous mainly of the northern, but progressively also southern, hemisphere.
- Despite theoretical, practical, and applied taxonomy, my research covers theoretical and practical aspects of non-marine ostracod application (e.g., biostratigraphy, integrated stratigraphy, paleobiogeography, paleoenvironmental analyses), as well as fundamental aspects and prerequisites of applications, such as dispersal mechanisms.
- A current main project is the analysis of ostracod assemblage changes (F.W. Anderson's famous 'faunicycles') in the English Wealden (Lower Cretaceous) and integration with lithological and geochemical data to test for orbital (Milankovitch) cyclicities.
- Another project in close collaboration with **Khaled Trabelsi** and other Tunisian colleagues concerns marine and nonmarine Mid-Jurassic to Cretaceous of the Central Tunisian Atlas, its ostracods, their biostratigraphy and paleobiogeographic relationships.
- Other aspects of my work, mainly in the context of IGCP 609 (2013–2018) <http://www.univie.ac.at/igcp609/index.html>) include 'bigger issues' such as Cretaceous greenhouse climate evolution and change, ocean-land interactions as well as marine to nonmarine correlation.

Most recent past and ongoing projects and collaborations regarding ostracods:

- Crustaceans/ostracods in amber, notably of the mid-Cretaceous 'Burmese amber' with **Xing Lida** (Beijing, China) and **Ryan McKellar** (Regina, Canada).

BELGIUM **Claude Meisch**

Jean-Georges Casier

I have been retired for seven years and go infrequently to my office. For 2019 I have one publication and one abstract.

Karel Wouters

Retired in 2009, but occasionally active in ostracod research.

2018: Annotated checklist of Recent Ostracoda (Crustacea) of the Netherlands.

BRAZIL

Simone Nunes Brandao

Cristianini Trescastro Bergue

I am working on the following projects:

- Quaternary deep-sea ostracods from Brazilian marginal basins (with **João Carlos Coimbra, Karen Costa, Felipe Toledo** and **Gabriel Pittelkow**).
- South Atlantic Neogene deep-sea ostracods (with **Simone Nunes Brandão** and **Geise dos Anjos Zerfass**).
- Miocene ostracods from Chile (with **João Carlos Coimbra** and **Kenneth Finger**);
- Mixohaline ostracods from the Itapeva lagoon, Southern Brazilian coastal plain (with **Leonardo Steiner** and **Lucas Nunes**).
- Oligocene nonmarine ostracods from the Taubaté Basin (with **Maria Inês Feijó Ramos** and **Maria da Saudade Maranhão**).

Simone Nunes Brandão

I joined the Programa de Pós-Graduação em Ecologia e Conservação (free translation: Graduate Program in Ecology and Conservation) in the Universidade Federal do Rural do Semi-Árido (free translation: Rural Federal University of the Semiarid), in the city of Mossoró, northeastern Brazil. The research topics I am working on involve Recent and Late Cenozoic Ostracoda from the Atlantic, Indian, and Arctic oceans. My active collaborations are with **Ivana Karanovic** on deep-sea ostracods genetics, phylogeography, taxonomy and (palaeo)biogeography; **Carlos Alvarez Zarikian** on Late Cenozoic ostracods from IODP cores; **Prof. Dr Angelika Brandt** and **Dr Saskia Brix** (Senckenberg Research Institute) on deep-sea biodiversity.

Daiane Ceolin

I am working with marine ostracods from Cretaceous and K-Pg boundary from Argentina and Brazil, dealing with systematic, paleoecology, biostratigraphy and taphonomy (especially predation) of this group. I am interested in Cretaceous nonmarine ostracods.

João Carlos Coimbra

In 2018, I persevered in my studies on fossil and recent ostracods, Quaternary planktonic foraminifers, and actualistic taphonomy based on calcareous marine biological remains.

Two students presented their doctoral thesis, (i) one on the preservation potential and temporal resolution of shelly (mollusk) marine taphofacies, and (ii) the other dealt with dissolution susceptibility ranking for planktonic foraminifers and changes in the isotopic signal. Regarding only ostracods, the oceanographer **Nathália Carvalho da Luz** is finishing her doctoral thesis on taxonomy, zoogeography, and quantitative fidelity of ostracods from Brazilian oceanic islands and seamounts, while **Mariana da Silva Pinto** is working on taxonomy of deep-sea bythocytherids, mainly with the genus *Pseudocythere*.

Janet Higuti

I am supervising the following student:

- 2015-2018: **Tássia Rayane Ferreira Chagas** concluded the master's degree at the Graduate Program in Applied Ecology of the Federal University of Lavras (UFLA), Minas Gerais State. Topic: biodiversity.

Ricardo Piazza Meireles

I am starting a permanent position as a Professor at the Oceanography Department of the Universidade Federal da Bahia (IGEO-UFBA), in Salvador (NE Brazil).

I am working on the taxonomy and biostratigraphy of Berriasian-Barremian from Recôncavo Basin, Northeast Brazil.

I am supervising a Master thesis on Cretaceous Ostracoda from the Recôncavo Basin, Northeast Brazil.

Julia da Silva Pereira

Since 2015 my focus has been the bromelicula genus *Elpidium*. I finished my MS thesis, with the supervision of Professor **Carlos E. F. da Rocha** and Professor **Ricardo Lourenço Pinto** dealing with ontogenetic and phylogenetic aspects on *Elpidium*, besides the description of new species for the genus.

I am at the Universidade Federal da Paraíba (UFPB), doing my PhD research on “*Systematics and Biogeography of Elpidium*” with the supervision of Professor **Marcio Bernardino da Silva** and Professor **Ricardo Lourenço Pinto**. Our goals are to (1) explore the diversity of *Elpidium* in Northeast of Brazil, a region so far unexploited, (2) continue doing the phylogenetics analysis for the genus started on my MS thesis, and (3) do a first biogeographic analysis with *Elpidium*.

Enelise Katia Piovesan

Graduate student:

- **Débora Soares de Almeida Lima** (Ostracods of the rift and post-rift phases of the Jatobá, Tucano Norte and Araripe basins: taxonomy, biostratigraphy and paleoecology).

Undergraduate students:

- **Caroline Novaes**
- **Daniele de Melo Mendes**

Maria Inês Feijó Ramos

I have been working in two main projects supported by Brazilian research financial agency (CNPq) dealing with the Ostracoda from two important Neogene northern Brazilian units (Pirabas and Solimões Formation); in parallel, other groups of microfossils and mollusks are also being investigated.

I continue studying Recent ostracods from the Brazilian coast.

I am the curator of the Rock, Mineral and Fossil collections from Museu Emilio Goeldi.

I supervise three master's degree students sponsored by CNPq, Brazil from the Geochemistry and Geology Program, UFPA and four graduate students in the Program of Scientific Initiation Research/ CNPq/MPEG.

Ariany de Jesus e Sousa

Geologist at the “Gerência de Bioestratigrafia e Paleoecologia” (free translation: Department of Biostratigraphy and Paleoecology) from the Centro de Pesquisa e Desenvolvimento Leopoldo A. Miguez de Mello (CENPES, Petrobras).

In my daily routine, I work on biostratigraphy of Lower Cretaceous nonmarine ostracods of Brazilian marginal basins. In 2018, I finished my master's degree on nonmarine ostracodes of the Sousa Basin, Northeastern Brazil.

CHINA

Xiangzhong Li

My work focuses on the geochemistry of ostracodes.

Since 2017, I have been working on carbonate clumped isotope (Δ_{47}) of ostracods from lakes in which the water temperature has been monitored on the Tibetan Plateau. Preliminary results of this study have been reported in 2018 AGU meeting. More ostracod samples should be run to determine the relationship between ostracod Δ_{47} and water temperature in 2019.

In 2019, I will move with my family from Xi'an to Kunming, a city in Yunnan Province, southwestern of China. and work for Yunnan University.

Caren Shin

Published part of MPhil work with **Moriaki Yasuhara, Hokuto Iwatani** and other collaborators in the ISO18 proceedings volume. Currently interested and active in scientific communication and art of Ostracoda.

Yaqiong Wang

I continue working on Late Jurassic to Cretaceous nonmarine ostracods and Quaternary marine ostracods.

My current lines of research focus on:

- Early Cretaceous nonmarine ostracod fauna from the Yinzuilazi Formation of the Baishan Basin, China.
- Comparison of the England 'Purbeck-Wealden' ostracod fauna with ostracod fauna from

the Northeastern China.

- Quaternary marine ostracods from cores of Fujian Province, China and its implication on paleoenvironmental change.

Early Cretaceous nonmarine ostracod taxonomy and biostratigraphy of South Korea and Japan with PhD student **Byung-do Choi** (Chonnam National University) and **Dr. Benjamin Sames** (University of Vienna).

Moriaki Yasuhara

Moriaki Yasuhara continues his research on paleoecology, macroecology, and biogeography using ostracods. Moriaki welcomed **Skye Yunshu Tian**, who has started a PhD on Cenozoic biogeography in collaboration with **Elly Brouwers** and **Mark Warne**, and a final year project student **Rachel Wai Ching Chu**, who is working on reconstructing past methane seep activities using microfossil ostracods, to his lab (both started from September 2018).

In the Yasuhara Lab, **Yuanyuan “Circle” Hong** continues her research on Hong Kong ostracod paleoecology; **Anna Jöst** continues to work on North Atlantic ostracod distribution and paleoecology; **Huai-Hsuan May Huang** has just finished her PhD successfully on macroevolution of deep-sea ostracods. **Hokuto Iwatani** has just left the lab to start his assistant professorship in Yamaguchi University, Japan.

CZECH REPUBLIC

David Výravský

I am working on the impact of temperature and water level stability of Western Carpathian spring fens on recent ostracod assemblages and the relationship between ostracods and macroinvertebrates in spring fens.

ESTONIA

Tonu Meidla

Studies on stable isotopic composition is in progress, in cooperation with **K. Kungla** and **L. Lang**.

GERMANY

Matthias Franz

I am working on the ostracod fauna from Early Aalenian to Early Bajocian in the section Heiligenbach near Hechingen (Swabian Alb, SW Germany).

Peter Frenzel

The micropalaeontological working group headed by Peter Frenzel in Jena worked on Quaternary and Recent ostracods in 2018. The studies focused on the Pleistocene of Central Europe, palaeoclimate research in Tibet, the early Holocene humid phase on the Arabian Peninsula and Late Quaternary coastal and climate dynamics in South Africa.

Supported by other ostracodologists and SF*IRGO, the European School on Ostracoda was carried forward in Jena taking place for a third time in March 2018. After the ongoing demand for ESO4 in 2019 there will be a next course in March 2020.

Alan Lord

- Continuing collaboration with **Cristina Cabral** and **Dan Danielopol** on sieve-type pore canals: Danielopol and others (2018) published, second manuscript submitted.
- Collaboration with **Cristina Cabral** and **Ana Cristina Azerêdo** on Toarcian ostracods and environments of Portugal, publication on Peniche GSSP in-preparation.
- Collaboration with **Philip Copestake**, **Ian Boomer**, and others on a Pliensbachian-Toarcian boundary sequence in SW England.
- Senckenberg ostracod collections moved to a refurbished building in August 2018.

Friedrich Luppold

I have been retired since 2017, but my research of Mesozoic ostracods continues.

My current research activity is on ostracods of the Tithonian and Berriasian stage with applied lithostratigraphy of the Lower Saxony Basin; this study will be finished this year. Other activities of Upper Jurassic (Oxfordian) outcrops and Lower Cretaceous ostracods from different wells are in progress. In addition, I have joint venture activities with the University of Göttingen to research wells with hydrothermal potential.

Renate Matzke-Karasz

Nothing new to report.

Lisbeth Perez

Until August 2018 I was Investigador Titular A at the Department of Paleontology, Institute of Geology, Universidad Autónoma de México, and now I am working at the Institute of Geosystems and Bioindication (IGEO), TU-Braunschweig, Germany (**Prof. Dr. Antje Schwalb**).

During 2018 I successfully concluded two scientific projects in Mexico (*SEP-CONACYT: Human impact in mid altitude lakes of the Lacandon forest, northern Neotropics* and *PAPIIT-UNAM: Evaluation of neo and paleoenvironments in karst lakes of the Lacandon forest and Quintana Roo*). I continue collaborating with **Sergio Cohuo**, **Laura Macario-González**, **Karla Rubio**, **Mauricio Bonilla** (Mexico), **Fernanda Charqueño** (Argentina), **Paula Echeverría**, and **Antje Schwalb** (Germany).

Burkhard Scharf

- In 2018, I continued to study a collection of ostracods from Lebanon. I have compared animals from Lebanon with paratypes of *Psychrodromus turcicus* (Hartmann, 1964). Many line drawings! At the end of this study I believe that the animals from Lebanon belong to *P. turcicus* because I have seen the range of variation of this species.
- In the autumn of 2017, cores were taken in a bomb crater on the roof of Bunker Valentin in Bremen. At this time, I am studying the ostracods of these cores with the question: When did the colonization start in the bomb crater and did the community vary during the 70 years of existence of this bomb crater?
- Between 2013 and 2015, 12 bomb craters filled with water on the roof of Bunker Valentin in Bremen were studied. In the autumn of 2018 only 3 of them contained water. In the spring of 2019, a study shows which species have survived the dry summer 2018.
- I participated in an excursion to the Hoggar-Mountains in the south of Algeria. A Ph.D. student from Algeria studies the ostracods with my help.
- The study of the colonization of potholes (small rock pools) in a large rock in South Sweden is finished. A manuscript is in press.
- A manuscript on the ostracods of the former oligotrophic lakes Wollingster See and Eispohl, Northern Germany, is published. The trophic structure of the lakes has changed by human recreation and fishery.

Antje Schwalb

The regional research focus of my team is Tibet, Central Asia, Central America, and Central Europe:

- Effects of abrupt climate change on Ice Age ecosystem of Lake Petén Itzá and on distribution patterns of ostracods across the Yucatán Peninsula, together with **Laura Macario Gonzales** and **Sergio Cohuo** (PhD defenses 2017) and **Liseth Pérez** (funded by DFG SPP-ICDP).
- Seezeichen: Tracer-methods to identify groundwater and inflow input into Lake Constance and their effects on water quality and drinking water abstraction, together with **Sandra Böddeker**.

Helga Uffendorde

Retired, but voluntarily working in the collection of the Geoscience Museum GZG.

Henning Uffendorde

Retired, but voluntarily working in the collection of the Geoscience Museum GZG

No scientific activities concerning ostracods in 2018, due to activities in the German Subcommittee on Tertiary Stratigraphy (JANSSEN et al. 2018: The Tertiary in the Stratigraphic Table of Germany 2016.

Z. Dt. Ges. Geowiss. (German J. Geol.), 169 (2), p. 267–294 [published online June 2018] and contributions to the lithostratigraphic database LithoLex (Paleogene and Mississippian).

HUNGARY

Emőke Tóth

Emőke Tóth

Currently, I am working with **Vivien Csoma** on her PhD about taxonomy, biostratigraphy and paleoecology of Pannonian (Upper Miocene) ostracods from the southwestern part of the Pannonian Lake (South Transdanubia in Hungary, Transylvanian Basin, and Croatia).

I have been working on Middle to Upper Triassic ostracods from the Transdanubian Range (taxonomy and paleoenvironmental reconstruction of this subbasin of the Tethys). I was working with my former PhD student, **Tünde Cséfan** on Early Cretaceous ostracods from nonmarine to fully marine Albian environments in Transdanubian Range (Hungary). We are working on the taxonomy and evolution of rare Mesozoic pelagic ostracods also.

ICELAND

Steffen Mischke

Steffen Mischke

Work in 2018 focused on sediments and fossils from two hypersaline lakes: the Holocene Lop Nur in China and the late Pleistocene precursor of the Dead Sea, Lake Lisan. The deposits from Lop Nur partly contain foraminifers and ostracods but also abundant ooids (carbonate-coated detrital grains or fecal pellets) which were not reported for Holocene or modern settings of China so far. I started a small pilot project together with **Nicolas Waldmann** (University of Haifa, Israel) to potentially use allochthonous and autochthonous fossils in the sediments of Lake Lisan as proxies for locally generated runoff and salinity at or near the sampled location. I conducted more fieldwork in the Nihewan Basin in China with the archaeologist **Hailong Zhao** to reconstruct environmental conditions in the early Pleistocene and especially during periods of hominid activities in Northeast Asia.

Students

PhD student **Elizabeth (Liz) Bunin** worked on sediments including ostracods from a late glacial Epipaleolithic site in Israel (Jordan River Dureijat), **Catherine (Cat) Langford** picked and identified ostracods from the Nihewan Basin, and **Jovana Alkalaj** published the results of her work on the modern ostracod fauna of lakes, springs, and cave pools in Iceland. **Li Zhang** joined our group of PhD students in summer 2018 and started to work on sediments and fossils from the Nihewan Basin too.

ITALY

Ilaria Mazzini



Location of the active ostracodologists in Italy (June 2019)

Bologna

Veronica Rossi

In collaboration with **Dr. Giulia Barbieri** and **Dr. Stefano Claudio Vaiani** (University of Bologna), **Dr. Ilaria Mazzini** (CNR-IGAG Rome), **Dr. Simone Da Prato** (CNR-IGG Pisa) and **Dr. Fabrizio Frontalini** (University of Urbino), she is working on modern meiofauna (ostracods and benthic foraminifers) distribution patterns, and related driving factors, in shallow marine (Northern Adriatic Sea platform) and lagoon (Bellocchio lagoon, N Adriatic Sea) contexts.

Giulia Barbieri

I have obtained the PhD in Geology at the University of Bologna in March 2019 and I am currently performing a one year-postdoctoral fellowship in the same institution, started in May 2019. My PhD thesis is entitled “*Late Quaternary meiofaunal assemblages as a key to decipher coastal and delta dynamics from the North Adriatic record.*” Part of the work involved the investigation of the meiofaunal distribution of the shallow (<40 m water depth) North Adriatic Sea and of the Bellocchio Lagoon (Po Delta Natural Park, northern Italy), to develop two modern reference set for the interpretation of the Po coastal plain subsurface successions. Microfossil analysis of Late Quaternary shallow marine and back-barrier facies allowed for an understand of the ecological response of ostracods and benthic foraminifers to short-time coastal and deltaic processes, connected to both allogenic and autogenic factors. The thesis is characterized by the widespread application of multivariate statistical techniques to discern most of the (paleo)environmental information inherited by meiofauna.

Part of my current work is dedicated to the meiofaunal and environmental characterization of the Lagoon of Bellocchio, a project led by **Veronica Rossi** (my PhD co-supervisor) and performed in collaboration with **Ilaria Mazzini** and **Simone Da Prato**. I am comparing ostracods and benthic foraminifers from shallow marine, fluvial-influenced successions of the Po Plain with the aim of compare the ecological record of each group in response to well-known delta dynamics and to assess their connection to climatic events. This project is in collaboration with **Veronica Rossi**.

Catania

Francesco Sciuto

Researcher in Stratigraphical Geology and sedimentology at the University of Catania. He is a member of Conisma, Catania.

Experienced in the study of the Plio-Pleistocene marine ostracod association finalized to the palaeoecological reconstructions (with particular attention to the identification and evaluation of the climate change of the environment analyzed) to the stratigraphy as well as to the taxonomy, increasing biodiversity knowledge especially of the bathyal environment of the Mediterranean area.

Further interest field are the Triassic ostracods and biocoenoses and and thanatocoenoses of the Sicilian, Tunisian coast, and Gulf of Thailand.

Napoli

Giuseppe Aiello, Diana Barra, and Roberta Parisi are working on the relationship between ostracod and benthic foraminiferal assemblages and paleoenvironmental evolution of Late Quaternary successions of the Campania region (southern Italy), including Pozzuoli, Napoli, Salerno and Pompei areas. They are investigating the effect of pollution on ostracods and benthic foraminifers in recent-subrecent bottom sediments of the Tyrrhenian infralittoral and circalittoral waters (Gulf of Pozzuoli, southern Latium coast) and the influence of low oxygen bottom waters on both the taxa in Pliocene upper bathyal sediments of Sicily.

Parma

Valeria Rossi

Is continuing her work on the ecology of Recent freshwater ostracods and their applications to ecology and evolutionary ecology at the Department of Environmental Sciences, University of Parma (Parma).

Pisa

Da Prato Simone

Works on Neogene and Quaternary marine ostracods with special consideration of their stratigraphical aspects. He uses ostracods as a tool for palaeoenvironmental and palaeogeographical reconstructions in the Tuscany area (Italy).

In collaboration with Italian researchers, carrying out a stratigraphic and structural scientific project on the palaeoenvironmental evolution of the Fine Basin (Tuscany). Another project concerns the geology of Monferrato Area. In this context, the study of the ostracod assemblages allows obtaining significant palaeoenvironmental and biostratigraphic data, which provide constraints for geological interpretations.

In collaboration with other micropaleontologists, has resumed work on the ostracofauna of Lago-Mare event, and on palaeoenvironmental changes occurred during the late Messinian in the Mediterranean area. Two localities have been studied in this period: Cava Serredi (Tuscany) and Cuevas del Almanzora (Spain).

Roma

Ilaria Mazzini

She participates in several geoarcheological projects, where she uses ostracods as palaeoenvironmental indicators:

- “*Life on the Lagoon: Reconstructing the Biography of Human-Landscape Dynamics on the Salpi Lagoon, Italy*”, funded by the National Endowment for the Humanities (NEH – USA), focused on the palaeoenvironmental evolution of the Capitanata coastal plain (Foggia, Apulia, Southern Italy) in cooperation with the Davidson College, North Carolina-USA, the McGill University (CA) and the University of Foggia.
- European Research Council (ERC) project “*nEU-Med: Origins of a new economic union (7th-12th centuries): resources, landscapes and political strategies in a Mediterranean region*”. The project takes place in Maremma located in the of southwestern portion of Tuscany (Italy), between the Colline Metallifere and the Tyrrhenian Sea, in collaboration with the University of Siena and the University of Torino.
- The palaeoenvironmental evolution of the Abu Tbeirah site, close to Nasiriya, Dhi Qar province, in southern Iraq, within the Italian-Iraqi archaeological mission.
- The paleoenvironmental evolution of the Teppeh Qaleh Naneh site (Iranian Kurdistan) within the joint Italian-Iranian Archaeological Expedition.
- The delta of the Neretva River (Croatia, Adriatic Sea) together with the University of Padoa (Italy) and the University of Zagreb (Croatia).

The Roma3 ostracodologist group participates in several research projects about Neogene and Quaternary marine, brackish and freshwater ostracods of the Mediterranean and Paratethys area.

- After having re-sampled during summer 2018 the type locality of *Darufalva* (Austria) and *Peremarton* (Hungary), **Elsa Gliozzi**, **Costanza Faranda** and **Francesco Grossi** underwent the taxonomical revision of the Pannonian species established by Mehés in 1907 and 1908, whose types, originally stored at the Geological Museum of Budapest, was destroyed during the Second World War.
- They are studying the ostracod fauna from the early Messinian marine facies of the Dafni Fm. and the Meotian-Pontian brackish facies of the Choumnikon Formation (Strimonas Basin and Akropotamos area, Greece), envisaging strict relation between the Mediterranean and the Paratethyan realms in this sector of Europe. The results of this research will be published in a joint paper with the Geological Institute and the Paleontological Institute of the Russian Academy of Science (Moscow), in collaboration with **S. Popov**, **E. Radionova** and **L. Golovina** that studied mollusks, calcareous nannoplankton and pollen.
- In Italy, they have almost completed the study of the thick lago-mare succession cropping out at Maccarone (central Italy) that will bring new data about the time of the occurrence of several ostracod Paratethyan species in the Mediterranean area.

Elsa Gliozzi, in collaboration with researchers of the Bari University, is studying the ostracods collected from a lago-mare succession in Gargano (Apulia).

Elsa Gliozzi and the post-doc **Marco Spadi**, in collaboration with **Marius Stoica**, started the taxonomic revision of *Livental*'s species on new topotypic material collected from the Azerbaijan section of Babazanan.

In Italy, they are carrying on the palaeoenvironmental and stratigraphic reconstruction of the Fucino Basin (central Apennines), using a multidisciplinary approach, and the study of a long

sediment core bored in the lacustrine sediments of L'Aquila Basin. Furthermore, in collaboration with **Iaria Mazzini** and the Perugia University, they are analysing the ostracod fauna occurring in a 40m long sediment core bored in the Lower Pleistocene S. Maria di Ciciliano Fm (Tiberino Basin, central Italy).

Trieste

Nevio Pugliese is dealing mainly with two studies still in progress. The first study plans to examine the role of ostracods in geoarchaeology. This research analyses the changes of the ostracod faunas along the boreholes drilled at the ancient Roman-Bizantine Harbour of Elaiusse-Sebaste (Turkey) in interpreting the causes of its decline during the VIII-IX century A.D.

The second study deals with the ostracods of cores drilled in the northern Adriatic Sea within an interdisciplinary research coordinated by the Department of Palaeontology of Wien University. The aim is to highlight the environmental evolution that occurred in this area during Holocene, including possible pollution episodes.

JAPAN

Robin Smith

Continuing work on the evolution, phylogeny, reproduction, ontogeny, and taxonomy of ostracods. Recent work has focused on the reproduction and ontogeny of the Cypridoidea, rice field ostracods, and taxonomy of freshwater ostracods from Asia.

Attended Third Asian Ostracod Meeting, Kanazawa, Japan. 6–10 August 2018.

LUXEMBOURG

Claude Meisch

Claude Meisch

Work in progress

- A subjective global checklist of the extant nonmarine Ostracoda, together with **Robin J. Smith** and **Koen Martens**. To be published in 2019.
- 'Ostracoda' chapter in *Thorp and Covich's Freshwater Invertebrates – Volume IV: Keys to Palaeartic Fauna*. Authors: D.J. Horne, C. Meisch, and K. Martens. To be published in 2019.

- Redescription of *Neglecandona altoides* Petkovski, 1961, with a contribution to the genus *Neglecandona* Krstić, 2006, together with **B. Scharf**. To be published in 2019.

RUSSIA

Maria Karpuk

Vladimir Grigorievich Chavtur

Professor at the Far Eastern Federal University, Vladivostok, Russia.

Ostracods: Recent, North Pacific.

Larisa Aleksandrovna Glinskikh

Senior Researcher at the A.A. Trofimuk Institute of Petroleum Geology and Geophysics SB RAS, Novosibirsk, Russia.

Ostracods: Jurassic, Marine, Siberia and European Russia.

Students:

- Master's Degree Student of Geological Geophysical Faculty of Novosibirsk State University. Thesis *Microfauna (Foraminifera and Ostracods), biostratigraphy and paleoenvironment of Pliensbachian-Toarcian of North Siberia*.

Upcoming meetings: The XV International Exhibition and Scientific Congress *Interexpo GEO-Siberia*.

Maria Karpuk

Senior Researcher at the Geological Institute of RAS.

Ostracods: Lower Cretaceous, marine, Crimea.

I continue studying Barremian–Aptian ostracods of the Crimea.

Past meetings: All-Russian Micropaleontological Symposium, Kazan, Russia, September 2018.

Lyudmila Mikhailova Melnikova

Senior Researcher at the Borissiak Paleontological Institute of Russian Academy of Sciences.

Ostracods: Ordovician.

Maria Naumcheva

PhD-student at the Borissiak Paleontological Institute of RAS, Moscow, Russia.

Ostracods: Permian and Early Triassic nonmarine ostracods, East European platform. I studied the development of the nonmarine ostracods fauna at the Permian and Triassic boundary and stratigraphy of the continental sections. In the past year, two cases of homonymy among Permian and Triassic ostracods of the genus *Darwinula* were identified and eliminated. *Darwinula vetusta* Naumcheva, 2018 is a new replacement name for the preoccupied specific name *Darwinula mera* Starozhilova, 1967. *Darwinula oryzalis* Naumcheva, 2018 is a new replacement name for the preoccupied specific name *Darwinula acuta* Mishina, 1966.

Past meetings: XVII All-Russian Micropaleontological Meeting *Modern Micropaleontology – Problems and Prospects*, 2018, Kazan, Russia.

Julia Nikolaevna Savelieva

Senior Researcher at the Geologorazvedka, Saint-Petersburg, Russia.

Ostracods: Upper Jurassic – Lower Cretaceous, marine, Crimea and Caucasus.

Past meetings:

- All-Russian Micropaleontological Symposium, Kazan, Russia, September, 2018.
- LXIV session of the Paleontological Society of RAS, Saint Petersburg, Russia, 2018.
- Symposium on the Cretaceous system of Russia and near abroad: problems of stratigraphy and paleogeography, Belgrad, 2018.

Yana Shurupova

Recent activities: preparation of the Ph.D. *Evolution of the superfamily Progonocytheracea (Ostracoda, Crustacea) in the Jurassic of the Central Russian Sea* (supervisors **Tesakova E. M., D. G.-M. Sci,** and **A.Yu. Zhuravlev,** Prof., D.Sci.). The essence of the work: analysis of paleoecological changes in marine environments affecting the ostracod communities, and evolutionary changes of individual species-in ontogeny (heterochrony) and in phylogeny of adults.

Past Meetings:

- 5th International Palaeontological Congress (9-13 Jule, 2018, Paris, France).
- *Invertebrate Zoology – New Century*: Proceedings of the conference dedicated to the 160th anniversary of the Department of Invertebrate Zoology, Faculty of Biology, Lomonosov Moscow State University (19-21 December, 2018, Moscow, Russia).
- XVII All-Russian Micropaleontological Meeting *Modern Micropaleontology–Problems and Prospects*, 2018, Kazan, Russia.

Dmitriy Borisovich Sobolev

Ostracods: Devonian, Carbonian, Pechora region.

Past meetings: XVII All-Russian Micropaleontological Meeting *Modern Micropaleontology – Problems and Prospects*, 2018, Kazan, Russia.

Ekaterina Mikhailovna Tesakova

I continue studying Jurassic ostracods of the Russian Plate. I am interested in paleoecological reconstructions, and with my graduate student **Yana Shurupova** I wrote an article in which various methods of ostracod analysis such as paleobathymetric and paleotemperature reconstruction are considered in detail. I developed a new method for estimating the relative depth within the shelf, based on the percentage of the size clusters of ostracods. Based on generalization of the data obtained by different methods by ostracods of Callovian–Lower Oxfordian from the Mikhailovtsement reference section (Ryazan Region), seven transgressive–regressive events are reconstructed, five of them are pan-European and are accompanied by the intensified boreal effect. For the Upper Callovian of the Russian Plate, ostracod index species of paleotemperatures, paleoeutrophication, and paleodepths on the upper subtidal depths are recognized for the first time.

Ph.D. Student **Yana Shurupova** and I are studying the ontogenesis of the ostracod *Lophocythere* Sylvester-Bradley, 1948 from the Callovian of the Russian Plate, which has allowed us to identify several new species and reconstruct three phylogenetic lineages with the subgenus rank. We are preparing a systematic article describing the new taxa, as well as another article on the revision of the genus *Lophocythere*.

SERBIA

Tamara Karan Žnidaršič

Nadežda Krstić

At this time, there is no new information regarding the ostracod research by Nada Krstić. There is a rich collection of ostracod specimens from her work deposited in the Museum of Natural History in Belgrade (<http://www.nhmbeo.rs/home.195.html>). Recently, I gave many papers and books as a gift to the Museum, which has a wealthy library with the catalog of the editions it owns (<http://www.nhmbeo.rs/upload/dvd/Prezentacija/naslovna.htm>). Nada's addition of the ostracod and palaeontological literature is being entered into a database, edited by students at the University of Belgrade, under the supervision of **Dr Biljana Mitrović**, the Higher Curator responsible for the palaeontological collection of ostracods.

Ljupko Rundić

I continue work on the Miocene marine, marine-brackish and freshwater basins of Serbia and Bosnia and Herzegovina (with colleagues from the University of Utrecht, Natural History Museum of Vienna, and Geological Survey of Austria). Description of the Middle Miocene transgression along the southern margin of Pannonian basin as well as the westernmost part of the Dacian basin, and relationships between the Lower-Middle Miocene units are important goals (ostracodes included). Reconstruction of the Dinaride Lake System (DLS) and a younger Serbian Lake System (SLS) during early to middle Miocene based on litho- and biostratigraphic interpretation and radiometric age analysis are key elements for stratigraphic framework of these systems (see Sant and others 2018). The first results concerning the Lower Miocene age (16.9 Ma) of SLS was

reported during 2018 (see Rundić and others, 2018 at the XXI Congress of the CBGA, Salzburg, Austria).

Ranko Pejović

During 2018, activities in connection with Ostracoda fossil fauna were focused on extraction of fossils from fine grained sediment (about 1kg). Sediment was collected in locality Mazgoš (SI Serbia) during geological exploration done by curator **Zoran Marković** and preparator **Miloš Milivojević**. Before I got the sediment, it was washed through several different sieves, and then dried.

Among several thousands, mostly mollusk fossils, 32 fossilized ostracodes were extracted. Based on the mollusk fossil fauna, the material belongs to the Pliocene epoch. Further analysis and identification of the fossilized Ostracoda will be complete in the near future.

Tamara Karan Žnidaršič

I am working on diversity of Ostracoda in the central part of the Balkan Peninsula, focused on the morphology of the genus *Heterocypris*, Eucypridinae and Cyprinotinae and other Cyprididae. With the intention of applying different methods to assess morphological variability in ostracods, my colleagues, **Dr. Vukica Vujić** from the Faculty of Biology, Department for Evolutionary Biology and Genetics, and **Dr. Ljupko Rundić**, professor from University of Belgrade, Faculty of Mining and Geology and I started to use geometric morphometrics. Some of the results on the carapace and valve shape variability are in preparation and some in publication process.

I am a collaborator on the Project *Evolution in Heterogeneous Environments: Adaptation Mechanisms, Biomonitoring and Conservation of Biodiversity*, approved and financed by the Ministry of Education, Science and Technological Development of Serbia.

SINGAPORE

Chris Gouramanis

I am based in the Department of Geography, National University of Singapore and am working on several ostracod related projects.

- I am furthering my work on Australian palaeoenvironmental and palaeoclimatic reconstruction using ostracod-based transfer functions and valve chemistry.
- I am examining several records spanning the deglacial to present, and a long 2.3 million year-long record from southern Australia.
- I am refining a continental-wide database of Australian nonmarine ostracod species, their ecologies and biogeography.
- I have started to examine the nonmarine ostracod fauna of Singapore – believe it or not, there is one – and expanding this across Southeast Asia.

- I am continuing my work into the use of coastal to shallow marine ostracods in coastal evolution, hazards and pollution assessments across Southeast Asia.

SLOVENIA

Natasa Mori

I worked with the University of Ljubljana on the distribution of subterranean (interstitial) species along the Sava River in SE Slovenia. We analyzed the current conservation status of species present and proposed that interstitial habitats of the Sava River should be protected within Slovenian and international legislation. I contributed specimens from Slovenia to the study “*Monophyletic status of European morphogenera of the subfamily Candoninae Kaufmann, 1900 (Ostracoda: Candonidae) in relation to their mtDNA phylogenies*” published in *Journal of Crustacean Biology* in 2019 by **A. Wysocka**, **A. Kilikowska**, **N. Mori**, **S. Iepure**, **M. Kijowska**, and **T. Namiotko**. My research interest is directed towards groundwater species, especially genera such as *Typhlocypris* and *Mixtacandona* by means of ecology, biogeography, and evolution.

SPAIN

Julio Rodriguez-Lazaro

I am involved in the following research projects, related to Quaternary marine and estuarine ostracods from the Bay of Biscay and Miocene ostracods from the Ebro and Duero basins (Spain):

- Project *CHIMERA: Changing ocean-atmosphere Interactions: responses during past times and the Modern ERA*. Spanish Ministry MINECO (2017-2019). Principal researcher: **L. Pena** (Univ. Barcelona).
- HAREA-Coastal Geology Research Group (2017-2022) and Formation and Research Unit in Quaternary: Environmental Changes and Human Fingerprint (University of the Basque Country UPV/EHU). Principal researcher: **A. Cearreta** (Univ. Basque Country, Spain).
- Project *OPERA: Ocean forcing of Iberian precipitation variability and marine ecosystem response to anthropogenic CO₂*. Spanish Ministry MINECO (2014-2016). Principal researcher: **I. Cacho** (Univ. Barcelona).

Francesc Mesquita-Joanes

I continue research on nonmarine ostracod ecology. I am supervising pre-doctoral student **Ángel Gálvez** on tropical and Mediterranean temporary pond metacommunities. I am collaborating with **Sanda Iepure** on the determination of ostracods from Valencia and Costa Rica.

I am supervising the doctoral thesis by **Keiko Nakamura** on the ecology of endangered bivalves and collaborating with postdocs **Alex Mestre** and **Juan Rueda** on entocytherid biogeography and Ostracoda from the Dominican Republic, respectively.

Work in progress includes ecology of Thailand ostracods with **Sukonthip Savatnalinton**.

I am learning some freshwater ostracod taxonomy for species descriptions, including *Cypris* and *Leucocythere* in collaboration with **J. Rueda, J.A. Aguilar**, and **F. Palero**.

THAILAND

Sukonthip Savatnalinton

Anisong Chitnarin

I am a lecturer at the School of Geotechnology, Institute of Engineering, Suranaree University of Technology, Nakhon Ratchasima, Thailand. Since our small research team represents the only paleontologists working on ostracods in Thailand (in collaboration with **Prof. Sylvie Crasquin** and **Dr. Marie-Beatrice Forel** (MNHN-CNRS-UPMC Paris VI, France)), we have planned to gather fossil ostracod information as much as possible. I have worked on Lower-Middle Permian ostracods of Indochina Terrane in central Thailand.

My ongoing projects are:

- Lower Paleozoic ostracods from Sibumasu Block, in Western and Southern Thailand.
- Permian ostracods from Indochina Block, central Thailand.

Papers in review:

Chitnarin, A., R. Hanta, P. Ketmuangmoon, and M.-B. Ostracods (Crustaceans) from the Nam Phong Formations, Early Jurassic, northeastern Thailand: stratigraphy and paleoenvironment implications.

Kershaw, S., A. Chitnarin, N. Noipow, M.-B. Forel, and J. Charoenmit. Microbialites and associated facies of the Late Ordovician System in Thailand: palaeoenvironments and palaeogeographic implications.

TURKEY

Okan Kulkoyluoglu

Oya Özuluğ

For Cypris 2018 contributions, I have only one publication about ostracods. I wrote a chapter about "collection methods of Ostracoda" but the book has not yet been published (the book is in Turkish). I hope I can give more contributions in 2019.

Mehmet Yavuzatmaca

I am at from Bolu Abant İzzet Baysal University, Turkey.

I study the taxonomy, ecology, and distribution of nonmarine ostracods in a variety of aquatic habitats (e.g., lake, dam, wetland, spring water, pond, trough, pool).

UKRAINE

Maria Karpuk

Vitaliy Sinegubka

Researcher, Kharkiv National University, Kharkiv, Ukraine.

- Ostracods: Upper Cretaceous, marine, Ukraine.
- I have studied Turonian and Coniacian ostracods from Volyn-Podolia (Ukraine). I described the changes of ostracod communities as they lived closer to the hardground or away from it.
- I am taking a closer look at ostracods from Cenomanian deposits.
- I continue to study the structure of the hardground, mode of arrangement and fossil ostracods.

Past meetings: Symposium on the Cretaceous system of Russia and near abroad: problems of stratigraphy and paleogeography, Belgrad, 2018

Upcoming meetings:

- Sessions of the Ukrainian Paleontological Society.
- European School on Ostracoda.

UNITED KINGDOM

Ian Boomer

Research activities

- Collaboration with colleagues in Italy, Romania and the UK on Ponto-Caspian Candonids.

Presented aspects of recent work at TMS meetings in the UK and the IGCP 655 topic on the Toarcian Oceanic Anoxic Event workshops held in Coimbra (Portugal) and Erlangen (Germany).

Dave Horne

I attended the 5th International Palaeontological Congress in Paris, July 9th-13th 2018, brilliantly organised by **Sylvie Crasquin** and her team. It was good to see a substantial number of ostracod specialists presented there. I presented a talk based on a recently published paper co-authored with **Sylvie Crasquin**: *The palaeopsychrosphere in the Devonian*.

I managed to publish a short paper on Martian geomorphology. Completely devoid of ostracods, of course, but a satisfying experience, nonetheless.

Wang He, a Chinese PhD student from the Nanjing Institute of Geology and Palaeontology, spent 2018 working with me in London on projects spanning both Cretaceous nonmarine and Quaternary marine ostracods, resulting in some joint publications. We were joined at the end of June 2018 by **Ben Sames** (University of Vienna) together with **Wang Yaqiong** and her PhD student **Hu Liang** (Nanjing Institute of Geology and Palaeontology)), for fieldwork in southern England to collect ostracods from classic Purbeck-Wealden sections and a visit to the British Geological Survey at Keyworth to look at the F.W Anderson ostracod collection.

During a week's fieldwork in Orkney with two student assistants, collecting ostracods along a salinity gradient from freshwater to the sea, I gave an evening talk (*In search of Orcadian Ostracods*) to members of the Orkney Field Club (one of whom joined us in the field for a day). This also resulted in an interview for the local radio station, BBC Radio Orkney (in the field, complete with sound effects indicating vigorous netting of ostracods) which then made it onto BBC Radio Scotland the next day. I was impressed with how effectively the reporter, **Huw Williams**, grasped some of the essentials of ostracodology and then summarised them for the listeners. The second version has been deleted but at the time of writing (August 2019) the local radio interview can still be heard in about the last five minutes of a half-hour programme at: <https://www.mixcloud.com/radioorkney/around-orkney-friday-27th-july-2018/>

David J. Siveter

In press:

Perrier, V., M. Williams, D.J. Siveter, D. Palmer, T. Steeman, R.A. Thijs, and T.R.A. Vandenbroucke. In Press. A high-precision global biostratigraphy of myodocope ostracods for the upper Wenlock and Ludlow Series of the Silurian. *Lethaia*.

United States

Anne Cohen

I hope this year to finally finish a paper with **Jim Morin**. Our paper will reassess and more fully describe a well-known luminescent ostracod species to a new genus, with more complete description, and with comparison to sister taxa *Cypridina* and *Vargula*. It will include a new description of the syntypes of *Vargula norvegica*.

I am chairing the Environmental Committee for our resident-owned senior living building. More of our residents worry about climate change; our committee has more members than past years. Many of us subscribe to a 100% clean energy electricity source [though stuck with PGE for delivery], and our kitchen scraps all go to the Food2Energy program that powers our local sewage plant. We are looking for a way to buy fewer and avoid putting so many, now non-recyclable plastics, in the trash.

Tom Cronin

We are working on cores from the Arctic Ocean and recently participated in the Ryder 2019 icebreaker Oden expedition to N Greenland. We are studying both foraminifers and ostracodes. **Laura Gemery** is doing Arctic ostracode oxygen isotope studies.

I am working with **Ilaria Mazzini** on orbital cycles in the Gulf of Corinth using ostracodes from IODP 381.

Laura Gemery

Ecologic, Biogeographic, and Paleoceanographic Investigations of Ostracode Assemblages in the Beaufort, Chukchi, and Bering Seas

Our study will use marine ostracode assemblages from the subarctic Bering Sea and Arctic Chukchi and Beaufort Seas as a proxy to detect ecosystem change. Ostracode species have specific ecological requirements controlled by temperature, salinity, food, dissolved oxygen, and substrate. The distribution of meiofaunal ostracode species from surface sediment samples from the Bering and Chukchi Seas collected during the past (~1963-2005) will be compared with samples collected more recently (2006-2018) to infer how environmental changes have affected benthic meiofauna and possible species migration from the Bering Sea through the Bering Strait. Quantitative and statistical analyses and appropriate time-series data (e.g., temperature, salinity, nutrients, oxygen, primary productivity, and sediment grain size) will be used to establish and (or) further refine specific ecological preferences of dominant indicator species and to correlate factors driving assemblage composition changes.

Ostracode shell chemistry, specifically stable oxygen isotope ratios that are controlled by ambient seawater during shell secretion, will also be used for paleoceanographic reconstruction during the Holocene and earlier interglacial periods. This study will compare the $\delta^{18}\text{O}$ values of water with the $\delta^{18}\text{O}$ values of ostracode shells from surface sediments collected in recent decades from a range of water temperatures to infer water mass properties and to determine the feasibility of using ostracode tests for paleotemperature and/or water mass reconstructions. Species analyzed will include *Sarsicytheridea bradii*, *Paracyprideis pseudopunctillata*, *Normanicythere leioderma* and *Heterocyprideis* spp. The isotopic proxies determined from surface sediments will be applied to radiocarbon-dated sediments cores from the Chukchi Sea and adjacent regions. This will be the first study to not only determine specific ecological preferences of dominant species living in this region but to develop ostracode shell $\delta^{18}\text{O}$ as a proxy for paleowater mass reconstructions.

Assessing effects of Arctic change from modern measurements is limited by the length of observational data sets and difficulties inferring cause and effect in a complex ocean/climate system. In order to contextualize recent Arctic changes, longer-term data are needed to extend instrumental and observational records. The application of ostracode faunal and isotopic data from radiocarbon-dated cores will enable the reconstruction of Chukchi Sea paleoceanography and establish a baseline for pre-anthropogenic ocean variability. The collective aim of these studies is to improve understanding of the Arctic benthic ecosystem and its response to changing climate and oceanographic conditions during the past 50 years and over longer millennial timescales.

John Holden

I am no longer a “major colleague” as mentioned, having retired from the battle some 50 years ago. But I gladly report that my memories of ostracode taxonomy are still fresh in my mind as if it was yesterday. Sometimes I even fantasize about going to the Washington Coast on the other side of the Cascades, scooping up some sand and seeing what the fauna looks like. I still have my microscope... I look forward to seeing the new issue of the *Cypris*!

T. Markham Puckett

I have been working on quantitative stratigraphy using the software package CONOP (COnstrained OPTimism), which was developed by **Peter Sadler** at the University of California-Riverside. Much of the data that are being used are the highest and lowest occurrence datums of ostracods and planktonic foraminifera. I am constructing a series of composite reference sections of Santonian-Maastrichtian marine strata on the eastern flank of the Mississippi Embayment as inputs into the package. This fall, a graduate student will begin studying the Paleocene ostracods of the region. The goal of this line of research is to quantitatively study ostracod diversity in the 20 million years before the K/Pg boundary extinction and their recovery from the event in the early Paleocene. I am continuing to work with **Gene Hunt** of the Smithsonian Institution on this line of research.

This past spring, I published a paper with **Gene Hunt, Maria João Fernandes Martins**, and colleagues on the relationship between sexual dimorphism and evolution. This is primarily Gene’s line of research, which was based on my collection and age determinations.

I continue to work on the Late Cretaceous genus *Anticythereis* from the Gulf Coast, describing several new species.

I co-wrote, co-produced and hosted a documentary that premiered on Mississippi Public Broadcasting in April 2018 on the geology along part of the Chickasawhay River in eastern Mississippi entitled “35 Million Years Down the Chickasawhay”. The late Eocene-Oligocene deposits along the river are richly fossiliferous and clearly record changes in sea level. The 30-minute video can be seen on Youtube at URL <https://www.youtube.com/watch?v=U9TgwYEt6eI&t=152s>. Many fossil taxa were first described from these deposits, including *Buntonia shubutaensis*, the type species of the genus *Buntonia*, which was featured in the video.

Meetings—upcoming, past

- In February, 2019, I gave a keynote talk on telling time in geology at the Mississippi Academy of Sciences entitled “*The Pace of the Earth*”.
- In March, 2019, I gave a talk at the Southeastern Section of the Geological Society of America entitled “*Construction of a high-resolution chronostratigraphic framework of Late Cretaceous (Santonian-Maastrichtian) deposits, Alabama and Mississippi*”.
- In February, 2018, I gave a talk to the Mississippi Academy of Sciences entitled “*Provincialism and evolution of Late Cretaceous ostracodes of the U.S. Gulf Coastal Plain*”.

- In September of this fall (2019), I will give a talk at the Annual Meeting of the Geological Society of America entitled “*Upper Cretaceous composite reference section on the eastern flank of the Mississippi Embayment: establishing a high-resolution framework*”.

Alison Smith

I have one graduate student currently, **Marissa Tomin** who is working on the Plio-Pleistocene ostracodes from Kansas. We did some fieldwork there this summer with **Tony Layzell**, Kansas Geological Survey, and I collected live *Pelocypris tuberculatum* in the playa wetlands on the open range, the farthest north and eastward that I know of this species occurrence in North America! I continue to pursue the hope of coring the Pliocene lake basins of western North America, this is clearly a long-range project!

MEETINGS

The "II Reunião de Ostracodólogos do Brasil" (free translation: II Ostracodologists Meeting of Brazil) took place during the IV Simpósio Brasileiro de Paleoinvertebrados (free translation: IV Brazilian Symposium on Paleoinvertebrates <https://sites.google.com/prod/view/4sbpi2018/p%C3%A1gina-inicial?authuser=0>) in the Museu Nacional in Rio de Janeiro in October 2018. The abstracts presented during this meeting are available at <https://sites.google.com/prod/view/4sbpi2018/resumos?authuser=0>

Tadeusz Namiotko

EOM 9

I would like to remind you that the deadline for regular Registration for the 9th European Ostracodologists' Meeting Gdansk 2019 is approaching; it will be on the 15th of April. Only 10 days of cheaper registration remain, and costly, later registration is possible, but I would encourage earlier and cheaper. Don't miss the opportunity to present your work at EOM9 Gdansk 2019! Just go to <https://eom9.ug.edu.pl/> and find us on facebook <https://www.facebook.com/9thEOM>

I would like to inform you that the deadline for standard registration and abstract submission has been extended until 30th of April due to a high number of requests. Just go to <https://eom9.ug.edu.pl/> or find us on facebook <https://www.facebook.com/9thEOM>.

Thank you for your continued interest in participating at the 9th European Ostracodologists's Meeting!

If anybody has not booked accommodation yet, I recommend a new special offer specified below.

Hotel ARTUS *** Gdansk Main Town

<http://www.artushotel.com.pl/>

Please send an e-mail to marketing@artushotel.com.pl using a keyword EOM.

10 single and 10 twin rooms are pre-booked until 10th of May 2019.

Price per room per night:

Single: 290 PLN (ca. 68 Euro)

Double/Twin: 330 PLN (ca. 78 Euro)

Breakfast included

Moriaki Yasuhara

Moriaki Yasuhara, **Saskia Brix**, and **Chih-Lin Wei** are organizing a symposium "*Deep-sea Biodiversity: A Crustacean Perspective*" in TCS 2019: The Crustacean Society Mid-Year Meeting at The Chinese University of Hong Kong, 2019.

Moriaki Yasuhara, Aaron O'Dea, Elizabeth Sibert, and Jack Williams are organizing a symposium "*Tiny fossils, big questions, big data*" in the 11th North American Paleontological Convention (NAPC) at the University of California, Riverside, 2019.

Elsa

Gliozzi

Dipartimento di Scienze-Sezione Scienze Geologiche, Università Roma Tre, Largo S. Leonardo Murialdo, 1, 00146, Roma – Italia, tel. uff.: 0039 0657338051, cell.: 3290571015

IAS 2019 Rome

The submission of abstracts to the next IAS conference in Rome is now open. We would like to invite you to consider submitting an abstract to session 5.3 *Modern lakes and lacustrine sediments as archives of geological environmental change and anthropogenic impact*: <http://iasroma2019.org/call-for-abstract/#meetingtheme5>

Lacustrine sediments can provide outstanding high-resolution and continuous archives of climate change, environmental evolution, anthropogenic impact, and tectonics. Only using a multiproxy approach is it possible to disentangle the often intertwined biogeochemical and (or) physical processes triggered by these phenomena. We target novel approaches and new exploration fields for the study of lacustrine systems, including modern limnology.

We encourage oral and posters contributions that present basic and applied research on all aspects of both modern and ancient lake systems assembling a wide range of geophysical, sedimentological, geochemical, biological remains, and geomicrobiological datasets. Numerical models on lacustrine hydrodynamics are also welcome.

We look forward to seeing you in Rome!

Marta Marchegiano, Domenico Cosentino, Elsa Gliozzi, Daniel Ariztegui, and Laura Sadori

Useful dates and deadlines:

- 30 March 2019 abstract submission deadline
- 15 May 2019 Abstract acceptance (notification to author)
- 30 May 2019 early bird registration deadline (needed for presenters)
- 1st June 2019 regular registration open
- 15 June 2019 3rd circular (program)
- 15 August 2019 regular registration deadline

Ilaria Mazzini

The Italian Ostracodologists try to meet every year in a different locality, organising an informal meeting to gather and update about new research themes. The official language of the meeting is Italian and after a first day of talks and presentation, a field trip is organised to sample fossil or living ostracods (depends on the locality). The first Meeting of the Italian Ostracodologists (MOI) took place in 2003 and was organised in memory of **Giuliano Ruggieri**. Since then, the Group of the Italian Ostracodologists has met eleven times. In 2016 **Veronica Rossi** and **Simone Da Prato** organised the MOI in Bologna, by with a field trip in the Po Delta area, to sample a lagoonal

environment. In 2017, **Ilaria Mazzini** organised the MOI in Nazzano (Rome) at the Museum of the River and during the field trip several samples were collected in freshwater springs and close to the banks of the Tevere and Farfa River inside the “Tevere Farfa Natural Reserve”. The XII Meeting of the Italian Ostracodologists took place in central Italy, at San Feliciano (Perugia) sampling the Trasimeno Lake and organised by **Marta Marchegiano** and **Elsa Gliozzi**.



International Paleontological Congress Paris, 2019

2018 was occupied by the organisation of The Fossil Week – IPC5.
I was the Chair of the Congress which took place in Paris, July 9th – 13th
ipc5.sciencesconf.org

956 palaeontologists from 60 countries were present in Paris. 11 amphitheatres were occupied by 46 sessions in parallel. Ostracodologists were there!



IBS (International Biogeography Society meeting), Tucson



Field excursion photo from Kanazawa AOM (Moriaki Yasuhara)

Mauro Alivernini & Peter Frenzel

We would like to update you on the progress of our joint programme "*Ostracoda as Indicators of Anthropogenic Impacts*". We would like to thank you for the strong interest and great participation shown. We currently have 36 partners from 22 countries interested in such cooperation. Our work group is writing a review paper on the topic; we would like to send still this year as a base for further discussions and writing proposals. Furthermore, we plan to write an opinion paper to support later proposals.

For better coordination we want to organize a workshop on the subject for those interested, in which we would discuss our strategy including the drafting of a Horizon Europe project. In order to cover the eventual expenses of organization and possibly for travelling of the participants, we are looking for possibilities of funding through PAGES, DAAD, DFG and by the University of Jena. The workshop should take place before the expected call (probably we will know it during September 2019) for Horizon Europe.

- To better organize workshop and applications, we would like to know: Who is interested in applying and/or participation in the workshop?
- Which questions/fields would like to discuss?
- ¿Do you know other sources of funding for the organization of workshops?

In addition to this, in the coming months we will build a website on the programme "*Ostracoda as Indicators of Anthropogenic Impacts*" accessible from the IRGO portal. You are as always welcome if you have any suggestions or special requests about structure and contents of the website.

Last reminder, don't forget the questionnaires for the EU to support our initiative project or ostracod work in general:

https://nam11.safelinks.protection.outlook.com/?url=https%3A%2F%2Fec.europa.eu%2Fsurvey%2Frunner%2FHorizonEurope_Codesign_2021-2024&data=02%7C01%7C%7C1e83d7ed20a84348dd3408d72af9149a%7C84df9e7fe9f640afb435aaaaaaaaaaaa%7C1%7C0%7C637025121581787753&data=0Eve16oOIK0WcMa0Ma4X8kuE7mjQeweVPTn4Rv3rh0U%3D&reserved=0
https://nam11.safelinks.protection.outlook.com/?url=https%3A%2F%2Fec.europa.eu%2Finfo%2Fnews%2Fhave-your-say-future-objectives-eu-funded-research-and-innovation-2019-jun-28_en&data=02%7C01%7C%7C1e83d7ed20a84348dd3408d72af9149a%7C84df9e7fe9f640afb435aaaaaaaaaaaa%7C1%7C0%7C637025121581787753&data=htlXC3aA2WX5UPugPP%2F7IhBQIKyPSQkaP9SNwXXZmDc%3D&reserved=0

Moriaki Yasuhara

This is to alert you of a special session at the 2020 Ocean Sciences Meeting in San Diego, which I am co-chairing and which I believe may be of interest for you or members of your team. The aim of the session to showcase how the fossil record can be used to inform the study of present-day ecological processes by providing longer term perspective on variability and change in marine ecosystems, communities, and populations.

If you are planning to attend the OSM, please consider this session for abstract submission.

Session ID: 84565

Session Title: Assessing Marine Ecosystem Variability from Paleooceanographic Archives

Topic Area: Marine Ecology and Biodiversity

To submit and abstract, use this link:

<https://eur04.safelinks.protection.outlook.com/?url=https%3A%2F%2Fagu.confex.com%2Fagu%2Fosm20%2Fprelim.cgi%2FSession%2F84565&data=02%7C01%7C%7C4b11b10007a642a4fc5408d733f466b5%7C84df9e7fe9f640afb435aaaaaaaaaaaa%7C1%7C0%7C637034997092251200&data=mZpz6Z2iy1sttu5WxxAwXAY16%2BPIGp4PPTli4cRmX2c%3D&reserved=0>

The deadline is 11 September, coming very soon.

SPECIAL PUBLICATIONS



Volume 132, April 2017

MARINE
MICROPALAEONTOLOGY

CONTENTS

Abstracted/Indexed in: A.G.I.'s Bibliography and Index of Geology, Aquatic Sciences and Fisheries Abstracts (ASFA), Biological Abstracts, BIOSIS, Current Contents, Elsevier ABI/INFORM, Elsevier ABI/INFORM, Geobase, Geobase, Marine Science Current Contents Tables, Oceanic Abstracts and PASCAL/INIS. Also covered in the abstract and citation database Scopus®. Full text available on ScienceDirect™.

Microalgal preferences of live benthic foraminifera and stable carbon isotopes off SW Svalbard in the presence of widespread methane seepage A. Mackensen, C. Schramm, J. Thiele and S. Damm	1
An updated classification of revalid foraminifera based on ribosomal DNA phylogeny M. Holzman and J. Pawlowicz	18
The Neogene genus <i>Sargocornella</i> (Bilimskian and Brögger, 1971) from the Gulf of California A.V. Miranda-Martinez, A.L. Carroño and K. McDougall	35
Freshwater ostracod construction by damming a marine inlet in Hong Kong: Paleontological evidence of local community change Y. Hong, M. Yoshida, H. Iwamoto, K. Sato, Y. Yokoyama, K. Yoshida and B. Mann	53

For a full and complete Guide for Authors, please go to: <http://www.elsevier.com/locate/marmicro>

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0377-8398(201704)132:1;1-1

Available online at www.sciencedirect.com
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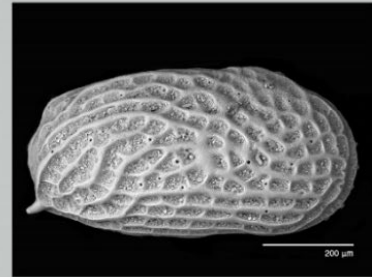


Volume 132

April 2017

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MARINE MICROPALAEONTOLOGY



- PALEOCEANOGRAPHY • EVOLUTION • BIOCHRONOLOGY •
- PALEOBIOLOGY • ECOLOGY • PALEOCLIMATOLOGY •

Claudius Marius Pirkenseer

I normally try not to self-advertise, but since this volume is so well hidden, I thought to nevertheless announce it. Those of you still working with fossil ostracods will find detailed documentation (lots of SEM-images and basic size measures) of 25 marine ostracod species from Rupelian sediments of NW Switzerland, building on the knowledge amassed in Oertli (1956). The high resolution pdf is free of charge and accessible here:

<https://doc.rero.ch/record/323616?ln=fr> (you will need to click on the small image to open the reader with download link)

Besides ostracods, Foraminifera and Charophyta are also treated. Hope some of you will find this helpful and thank you for your interest.

Two further volumes dealing with regional Cenozoic stratigraphy (profiles and localities listed in the micropal volume) and macropalaeontology will follow.

RESEARCH NOTES

Dan L. Danielopol

Special Information:

- Information on *Morphomatica* programme and additional geometric morphometrics can be accessed with: <http://iewarchiv.uni-graz.at/palstrat/> (Click on Methods in Ostracodology).
- The videoclip *Niche construction of two non-marine ostracods* produced by **Dan L. Danielopol** (Karl Franzens Univ. Graz), **Giorgio Benassi** (Univ. Parma) and **Angel Baltanàs** (Univ. Autonoma de Madrid) can be accessed with: <http://iewarchiv.uni-graz.at/zusatz/ostracods/> (Click on Ostracod movie Gdansk.mp4).

John Lavelle

Between the unending rain and the cool temperatures this is a fascinating year. The update here is following one pool through the year, the other is new. I have managed to sample many new pools but am getting behind in posting so have patience. When sampling I try to do one old pool (to see the changes) and one new.

Erie 5

<https://sites.google.com/site/journalofavernalpoolnaturalist/home/erie-5>

Erie 13

<https://sites.google.com/site/journalofavernalpoolnaturalist/home/erie-13>

Erie 14

<https://sites.google.com/site/journalofavernalpoolnaturalist/home/erie-14>

Erie 15

<https://sites.google.com/site/journalofavernalpoolnaturalist/erie-15>

Erie 16

<https://sites.google.com/site/journalofavernalpoolnaturalist/home/erie-16>

Erie 17

<https://sites.google.com/site/journalofavernalpoolnaturalist/home/erie-17>

Erie 18

<https://sites.google.com/site/journalofavernalpoolnaturalist/home/erie-18>

Erie 20 The ecotone

<https://nam12.safelinks.protection.outlook.com/?url=https%3A%2F%2Fsites.google.com%2Fsite%2Fjournalofavernalpoolnaturalist%2Fhome%2Ferie-20&data=02%7C01%7C%7C3ecc2734860424a7ff808d72b35cd2d%7C84df9e7fe9f640afb435aaaaaaaaaaaa%7C1%7C0%7C637025382376324371&data=C4PflGuOEKRcTWyWuQKJuslAk3Mk5Us9yyWnA3fi45M%3D&reserved=0>>

Lorain 13

<https://sites.google.com/site/journalofavernalpoolnaturalist/home/lorain-13>

Lorain 16a

<https://sites.google.com/site/journalofavernalpoolnaturalist/home/lorain-16/lorain-16-a>

Lorain 21

<https://sites.google.com/site/journalofavernalpoolnaturalist/home/lorain-21>

Lorain 22

<https://sites.google.com/site/journalofavernalpoolnaturalist/home/lorain-22-1>

Lorain 23

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Lorain 24

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Lorain 25

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Lorain 26

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Lorain 28

<https://sites.google.com/site/journalofavernalpoolnaturalist/home/lorain-28>

Lorain 29

<https://nam12.safelinks.protection.outlook.com/?url=https%3A%2F%2Fsites.google.com%2Fsite%2Fjournalofavernalpoolnaturalist%2Fhome%2Florain-29&data=02%7C01%7C%7C3ecc2734860424a7ff808d72b35cd2d%7C84df9e7fe9f640afb435aaaaaaaaaaaa%7C1%7C0%7C637025382376324371&data=cAMoDrblT%2F7XBLDMLcJpa9FXqd3O0tQDg9Ce5cBaE7E%3D&reserved=0>

Okan Kulkoyluoglu

We have done (and continue to do more) several different studies on nonmarine ostracods and found out supportive evidence for our earlier approaches as “...Outcome of our studies suggest that nonmarine ostracods do have higher tolerance and optimum levels than what is known previously. This is important for interpreting their evolutionary succession since ca. Cambrian. Additionally, our results suggest that increasing tolerance levels correspond with a decrease in optimum values. This is true at least for those species with wide geographic distribution or called “cosmoecious species”.

We have been working on ostracod-bacteria relationships. **Dr. Ebru Çelen** from our university is our colleague who does such nice work with us.

Benjamin Sames

Xing, L., Sames, B., and others, 2018. <https://www.nature.com/articles/s41598-018-19877-y>

The first Cretaceous ostracod recorded in amber (‘Burmese amber’, Myanmar) is an enigmatic ‘gigantic’ representative of the exclusively marine group Myodocopa. The ‘Burmese amber’ (~99

Ma), widely known for exquisite preservation of a mid-Cretaceous terrestrial faunas including dinosaur remains and birds, also yields marine fossils. Ostracods are usually small (0.5–2 mm), with well-calcified carapaces that provide an excellent fossil record extending to at least the Ordovician (~485 million years ago), but they are rarely encountered in amber. The few examples known derive from Eocene and, more recently, especially Miocene amber deposits. Our first finding of a valve of a ‘gigantic’ (12.9 mm) marine ostracod in Burmese amber effectively doubles the age of the ostracod amber record but also offers the first representative of the Myodocopa, a weakly calcified group with a poor fossil record. Subsequent resin flows in the amber specimen contain terrestrial arthropods (spider fragments) and insect frass. These features resolve an enigmatic taphonomic pathway which seems to be much less elaborate than scenarios for inclusion of aquatic (freshwater mostly) organisms in amber proposed before and support a marginal marine setting for resin production. The combination of marine and terrestrial resin flows may have been brought about by variation in water levels, a mechanism proposed in the study of modern marine organisms preserved in resin.

Canadian warship named for an Ostracodologist!

The name of **Willi Braun** (1931-2019) from the University of Saskatchewan is well-known as a specialist with Devonian ostracod material from Canada, with a final publication currently *in-press* (Becker and Braun, *Palaeontographica*). Less well known is that Willi had a mature student, **Margaret Brooke**, who worked on Jurassic ostracods for her PhD and published the results with Willi (Brooke and Braun 1972, 1981; Braun and Brooke 1992, 1993).

Margaret distinguished herself during the Second World War when she served as a nurse in the Royal Canadian Navy. In October 1942 she was on board a ferry off the coast of Newfoundland that was torpedoed and sank in five minutes. Margaret while in the cold water unsuccessfully fought to save the life of a colleague, for which she was subsequently awarded Membership (Military) of the Order of the British Empire. She retired from the RCN in 1962 with the rank of Lieutenant-Commander and following the return to civilian life took up her studies at the University of Saskatchewan leading to her PhD.

The RCN is building a new class of Arctic/Offshore Patrol Ships to be named after Canadian naval heroes/heroines and the second ship in the class is to be named HMCS *Margaret Brooke*, the first RCN vessel to be named after a woman and only the second after a person.

Margaret died in January 2016, having been told of the honour on her 100th birthday in 2015.

References:

- Braun, W. and Brooke, M. 1992. Ostracods of western Canada. *In* Westermann, G.E.G. (Ed.) *The Jurassic of the Circum-Pacific*. Chapter 15. Cambridge University Press.
- Braun, W. and Brooke, M. 1993. Discussions of ostracodes and foraminifera, and the microfossil zonation. *In* Poulton, T.P., Braun, W.K., Brooke, M.M. and Davies, E.H. (321-357), *In* Stott, D.F and Aitken, J.D. Sedimentary cover of the craton in Canada. *Geology of Canada*. Geological Survey of Canada.

- Brooke, M.M., and Braun, W.K. 1972. Biostratigraphy and microfaunas of the Jurassic System of Saskatchewan. *Department of Mineral Resources, Geological Sciences Branch, Sedimentary Geology Division, Report 161*, vi + 1-83.
- Brooke, M.M., and Braun, W.K. 1981. Jurassic microfaunas and biostratigraphy of northeastern British Columbia and adjacent Alberta. *Bulletin, Geological Survey of Canada, 283*, v + 1-69.

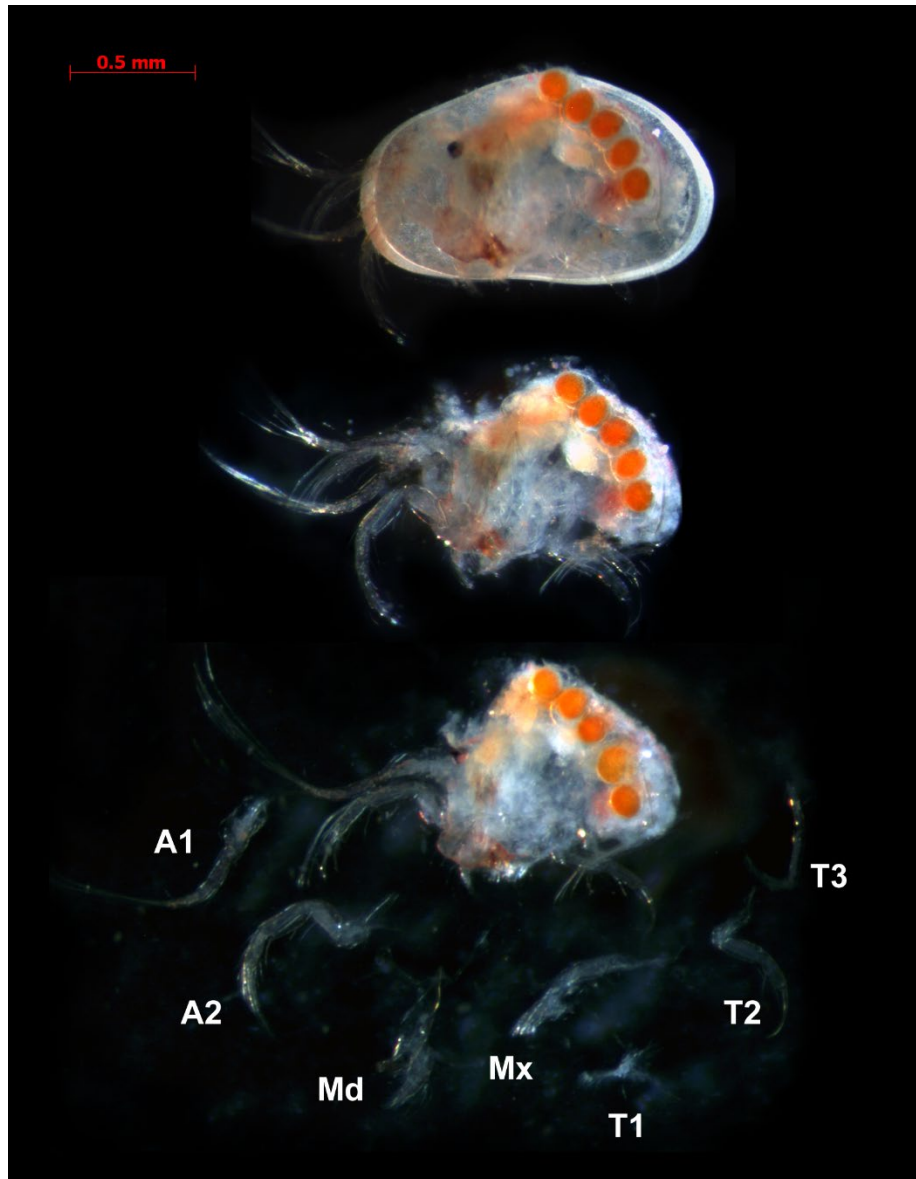
For further information and pictures consult Royal Canadian Navy website under: Fleet.
<https://www.telegraph.co.uk/news/obituaries/12130614/Lt-Cdr-Margaret-Brooke-obituary.html>

Alan Lord

Senckenberg Forschungsinstitut, Frankfurt-am-Main, Germany

Brian Pratt

University of Saskatchewan, Saskatoon, Canada



Internal parts of female specimen of *Heterocypris incongruens* featuring bright orange parthenogenetic eggs; specimen enclosed in the right valve, revealed after removal of the left valve (above); soft body after removing carapace valves (middle); appendages on the left side dissected and annotated (down), (**Tamara Karan Žnidaršič**; Zeiss Stereo Discovery V.8, Zeiss AxioCam Icc1).

Peter Frenzel

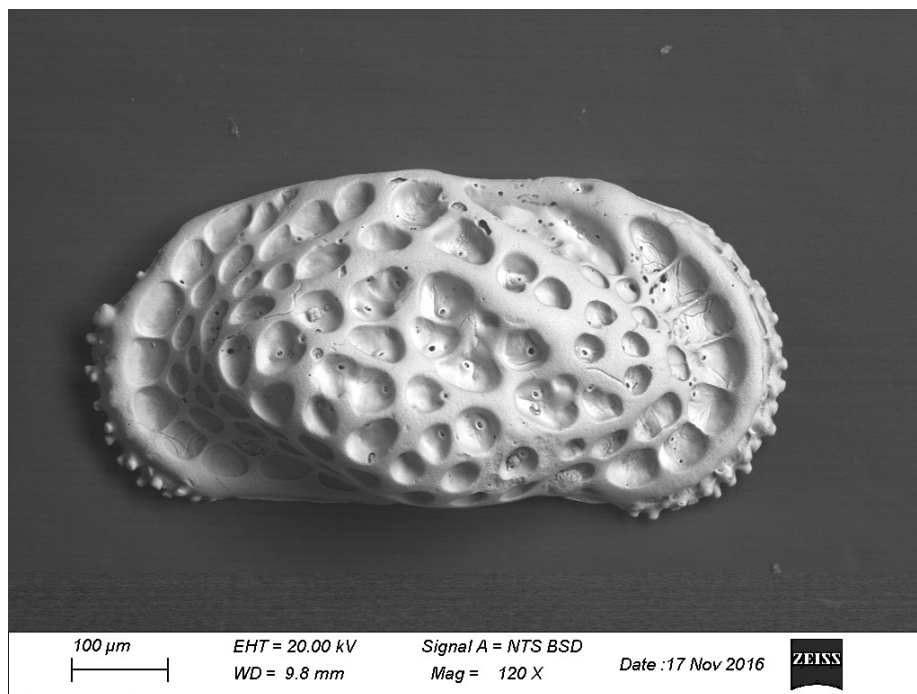
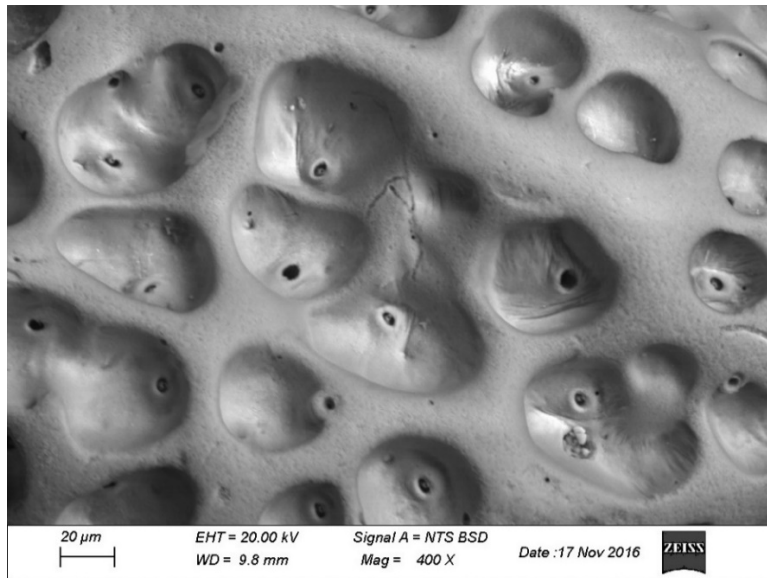
We are proud to publish today the call for the 4th European School on Ostracoda (ESO 4). Our short course is intended to provide an introduction into biological and palaeontological ostracodology including many methodological aspects and practical training for mainly PhD students and early PostDocs studying ostracods or using them as proxies and index fossils. The course takes place in Jena (Central Germany, Thuringia) 25 March to 29 March 2019.

You will find more information on <http://www.support-irgo.net/eso/> where you can also register. Please, send parallelly an email to eso@uni-jena.de for going straight onto the list of participants. Applicants will be accepted in the order of registration and confirmed by payment of the fee. There are still eight places available.

We highly appreciate the offer of The Micropalaeontological Society (TMS) to provide a stipend of up to 500 £ supporting one participant in travel costs and fee: <https://www.tmsoc.org/tms-educational-trust-awards/>

The application for this stipend is open until 31 January 2019.

PHOTOGRAPHS, DRAWINGS



Images of *Anticythereis reticulata* that were collected from the Owl Creek Formation (late Maastrichtian of northern Mississippi). (Mark Puckett)

AWARDS



Moriaki Yasuhara giving IRGO travel grants to young ostracod researchers.

NEW TAXA

Genera

- Bathyconchoecilla* Chavtur and Bashmanov, 2018
Hyalocoecia Chavtur, 2018
Lophuroecia Chavtur, 2018
Macrochoecilla Chavtur, 2018
Parthenoecia Chavtur, 2018
Parvidentoezia Chavtur, 2018
Septemoecia Angel and Brandão, 2018 (Recent, marine)

Species

- Acanthocythereis reticulata* Sciuto, 2014
Acratia maugeri Crasquin, Sciuto, and Reitano, 2018 (Carnian, Italy)
Alicenula sousaensis Sousa, Carvalho, and Ferreira 2018 (Cretaceous, nonmarine)
Anchistrocheles gemmellaroi Crasquin, Sciuto, and Reitano, 2018 (Carnian, Italy)
Anchistrocheles seguenzai Sciuto and Pugliese 2013 (Mediterranean)
Bairdia scaliai Crasquin, Sciuto, and Reitano, 2018 (Carnian, Italy)
Bathyconchoecetta acutidentata Chavtur, 2018
Bathyconchoecilla megalodonta Chavtur and Bashmanov, 2018
Bythocypris antoniettae Sciuto, 2012 (Pleistocene, Sicily)
Bythocythere agostinae Sciuto, 2016 (Pleistocene, Sicily)
Bythocythere mylaensis Sciuto, 2012 (Pleistocene, Sicily)
Bythocythere solisdeus Sciuto, 2012 (Pleistocene, Sicily)
Cytherella carmela Sciuto, 2015 (Pleistocene, Sicily)
Cypretta aculeata Savatnalinton, 2018 (Recent, nonmarine)
Cypretta triangulata Savatnalinton, 2018 (Recent, nonmarine)
Cypridea paraibensis Sousa, Carvalho, and Ferreira 2018 (Cretaceous, nonmarine)
Cypridea vianai Sousa, Carvalho, and Ferreira 2018 (Cretaceous, nonmarine)
Cytheropteron eleonora Sciuto, 2012 (Pleistocene, Sicily)
Cytheropteron italo Sciuto, 2012 (Pleistocene, Sicily)
Cytheropteron rossanae Sciuto, 2012 (Pleistocene, Sicily)
Elpidium heberti Pereira, Rocha, and Pinto, 2019 (Recent, freshwater)
Elpidium littlei Pereira, Rocha, and Pinto, 2019 (Recent, freshwater)
Elpidium wolffi Pereira, Rocha, and Pinto, 2019 (Recent, freshwater)
Eucypris lobatoi Bergue, Ramos and Maranhão, 2018 (Oligocene, nonmarine)
Judahella? montanarii Crasquin, Sciuto, and Reitano, 2018 (Carnian, Italy)
Microxestoleberis scillae Sciuto, 2016 (Pleistocene, Sicily)
Neomonoceratina (Pariceratina) barrieri Sciuto, 2014 (Quaternary, Mediterranean)
Phlyctocythere sicula Sciuto and Pugliese, 2013 (Mediterranean)
Porroecia acutirostrata Chavtur, 2018
Porroecia affinis Chavtur, 2018
Potamocypris taubatensis Bergue, Ramos and Maranhão, 2018 (Oligocene, nonmarine)
Scottoecia villosa Chavtur and Bashmanov, 2018

Semicytherura elsae Sciuto, 2014 (Pleistocene, Sicily)
Thacypridopsis longispinosa Savatentalinton, 2018 (Recent, nonmarine)
Tyrrhenocythere pulcherrima Sciuto, Baldanza, Temani, and Privitera, 2018 (Paratethyan, Italy)
Urocythereis emanuelae Sciuto, 2014 (Pleistocene, Sicily)

Redescribed species

Candobrasilopsis rochai Higuti and Martens 2012b (Recent, freshwater)
Elpidium laesslei (Tressler, 1956) in Pereira, Rocha, and Pinto, 2019
Paranacypris samambaiensis Higuti, Meisch and Martens 2009 (Recent, freshwater)
Pseudocandona agostinhoi Higuti and Martens 2014 (Recent, freshwater)
Pseudocandona cillisi Higuti and Martens 2014 (Recent, freshwater)
Pseudocandona claudinae Higuti and Martens 2014 (Recent, freshwater)
Strandesia lansactohai Higuti and Martens 2013 in Higuti and others 2013 (Recent, freshwater)
Strandesia nupelia Higuti and Martens 2013 in Higuti and others 2013 (Recent, freshwater)
Strandesia tolimensis Roessler 1990 (redescribed by Higuti and others 2013)
Strandesia velhoi Higuti and Martens 2013 in Higuti and others 2013 (Recent, freshwater)

FUNDING OPPORTUNITIES

Simone Brandao

Euraxess is a European initiative with many many possibilities for Europeans and also non-Europeans

<https://nam11.safelinks.protection.outlook.com/?url=https%3A%2F%2Feuraxess.ec.europa.eu%2F&data=02%7C01%7C%7Cb2c983ad02b54173cf4108d7314cb560%7C84df9e7fe9f640afb435aaaaaaaaaaaa%7C1%7C0%7C637032077833244283&sd=9%2BMqJFHDPoKKIZ3S765E0Vrjj%2BHZBUfeUfJ4MxtlhvU%3D&reserved=0>

SYNTHESSYS is back - funding available for short research visits
New Call Deadline: 12th April, 2019 (17:00 UK time).

The SYNTHESSYS management team is pleased to announce the start of the new SYNTHESSYS+ project under the current European Commission's Horizon 2020-funded Integrating Activities funding scheme.

SYNTHESSYS Access funding is available to provide scientists (users) to undertake short visits to utilise the infrastructure (comprising the collections, staff expertise and analytical facilities) at one of the 21 partner institutions (see full list below) for the purposes of their research. There will be an annual call for applications for the next four years.

Access Call 1 will officially open for applications on 1st February 2019. The Call 1 deadline will be 17:00 (UK time) Friday 12th April, 2019 and awarded visits must take place within 12 months of results being announced.

APPLY HERE<<http://www.synthesys.info/access.html>>

Taxonomic Access Facilities (TAFs)

The 21 partner institutions are organised into 13 national TAFs. TAF users will be hosted by a TAF staff member (host).

The 13 TAFs represent an unparalleled resource for taxonomic research offering:

- Collections amounting to over 490 million natural history specimens
- Internationally renowned taxonomic and systematic skill base
- Facilities including: molecular and imaging and chemical analysis
- New - FI-TAF (Finnish Museum of Natural History, Helsinki) and IL-TAF (National Natural History Collections, Hebrew University of Jerusalem) are now offering Access, as well as additions to DE-TAF (Zoological Research Museum Alexander Koenig, Bonn) and BE-TAF (Botanic Garden Meise)

Proposals for funding are welcomed from high-calibre scientists in any technical discipline seeking access for short-term research visits (average duration 15 days). SYNTHESYS is able to meet the users' costs for:

- Research costs (bench fees and laboratory consumables)
- International travel and local accommodation while based at the TAF
- A per diem contribution towards living costs

See www.synthesys.info<<http://www.synthesys.info>> for more information or contact synthesys@nhm.ac.uk<<mailto:synthesys@nhm.ac.uk>>

SYNTHESYS+ TAFs:

- AT-TAF Naturhistorisches Museum, Vienna
- BE-TAF Royal Belgian Institute of Natural Sciences, Brussels
- Royal Museum of Central Africa, Tervuren
- Meise Botanic Garden
- CZ-TAF Národní Muzeum, Prague
- DE-TAF Museum für Naturkunde, Berlin
- Botanischer Garten und Botanisches Museum, Berlin
- Senckenberg Gesellschaft für Naturforschung, Frankfurt, Dresden, Görlitz, Müncheberg, Tübingen and Wilhelmshaven; Staatliches Museum für Naturkunde Stuttgart
- Zoologisches Forschungsmuseum Alexander Koenig, Bonn ** NEW **
- DK-TAF The Natural History Museum of Denmark, Copenhagen
- ES-TAF Museo Nacional de Ciencias Naturales & Real Jardín Botánico Naturales (CSIC), Madrid
- FI-TAF Finnish Museum of Natural History, Helsinki ** NEW **
- FR-TAF Museum National d'Histoire Naturelle, Paris
- GB-TAF Natural History Museum, London
- Royal Botanic Gardens, Kew
- Royal Botanic Garden, Edinburgh
- HU-TAF Hungarian Natural History Museum, Budapest
- IL-TAF National Natural History Collections of the Hebrew University of Jerusalem ** NEW **
- NL-TAF Naturalis Biodiversity Center, Leiden *Collections closures throughout Call 1 due to major infrastructure refurbishment - NL-TAF will re-open in Call 2 (early 2020)
- SE-TAF Naturhistoriska Riksmuseet, Stockholm

Eligibility:

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The user group leader and the majority of the users must work in a country other than the country(ies) where the TAF is located.

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visit are eligible to apply, unless the users are working for SMEs.

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OBITUARIES

For those of you with a good memory for old literature on Lower Cretaceous ostracods, **Peter Kaye** died on 24th August aged 82. He was an early research student of **John Neale** and published a number of papers in the 1960s before joining the oil industry and becoming a senior executive of PetroCanada in Calgary.

Alan Lord

PAPERS AND ABSTRACTS

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