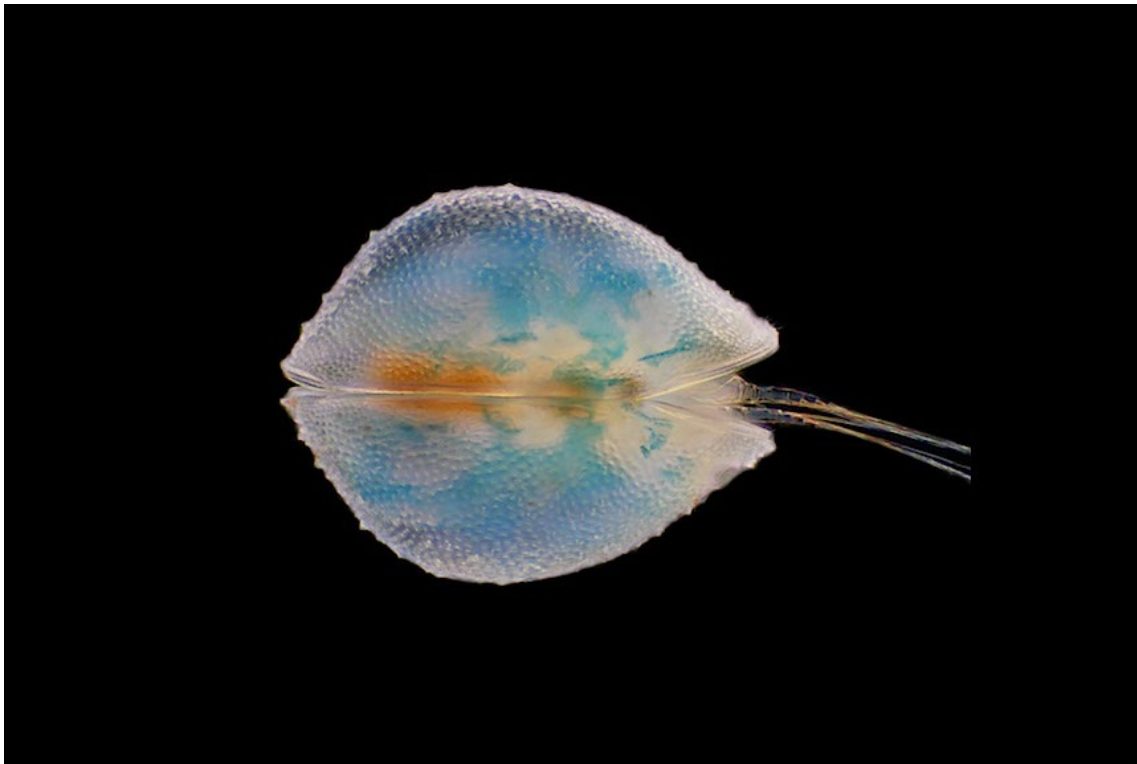


CYPRIS

2012

Number 30

Editor: Finn Viehberg



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

CYPRIS, Issue 30

2012

Editor
Finn A. VIEHBERG



Floricythereis exquisita - Maastrichtian Jamaica
photo courtesy of Mark Puckett

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CYPRIS, Issue 30 - 2012

Editor

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This issue is dedicated to Elly Brouwers, who patiently edited CYPRIS for the past 15 years or so.

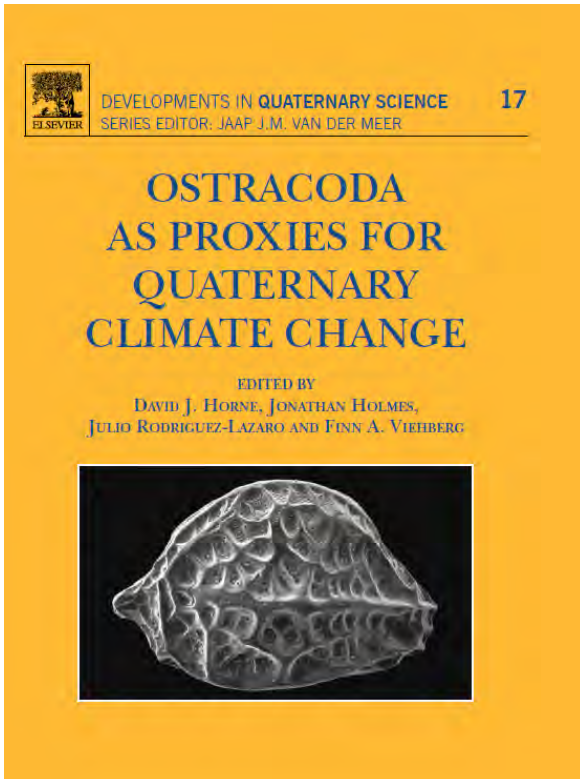
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First CYPRIIS Entry

Dr. Vincent Perrier submitted his contribution to this issue of CYPRIIS just 54 minutes after the initial call.

New Book: Ostracoda as proxies for Quaternary climate change



The value of ostracods value as Quaternary palaeoclimate proxies, through indicator species, transfer function, mutual climatic range and geochemical approaches, is the focus of this major book project to which 39 international authors contributed, edited by David J. Horne, Jonathan A. Holmes, Julio Rodroguéz-Lazaro and Finn A. Viehberg, which was published at the end of 2012.

Link to Science Direct:

<http://www.sciencedirect.com/science/bookseries/15710866/17>

ARGENTINA

Ana Paula Carignano

During 2012, she finished and submitted her PhD in systematics and palaeoecology of Ostracoda and Foraminifera from the Upper Cretaceous of Argentina, in non-marine and brackish environments. She is now still working on this topic, but with more emphasis on the ostracodes.

Gabriela C. Cusminsky

In 2011 and 2012 I continued to work on ostracods of Argentina specially in the Patagonia area. Some of the studies was related to marine ostracods in Tierra del Fuego (Gordillo et al. in press). The others refer to lacustrine ostracods from Pleistocene to extant sequences, such us Lago Cardiel and Cari-laufquen area (Cusminsky et al 2011). I am supervising two PhD students: **Corina Coviaga** analyzes the extant lacustrine ostracods along a W-E transect at 42°S and their relationship with environmental parameters (Coviaga et al, 2012); **Lorena Ramos** studies the morphometry of some species of lacustrine ostracods of Patagonia. With others researcher **Ana Carignano, Analía Díaz, Laura Ferrero, Patricia Perez** we integrate a micropaleontological team who study Cretaceous-Neogene and extant marine and non marine ostracods of different places of Argentina.

María José Salas

I continued work on Paleozoic ostracod faunas from Argentina, focusing on taxonomy, paleoecology and paleobiogeography.

At present, I am studying the Devonian ostracods from the Precordillera Argentina.

AUSTRALIA

John Neil

My current work based on microtomography is being written up by **Renate Matzke-Karasz, Robin Smith** and ESRF team members. Other work: I am continuing work on the assemblages from the Batesford Quarry - Middle Miocene, shallow water marine. The species problem is receiving extra attention, particularly because of the increasing tendency to use "bar code genetics" and the proliferation of species that this will lead to.

Mark Warne

He (Deakin University, Australia) continues his reserach on the Cenozoic Ostracoda of southeastern Australia, some of which is in collaboration with **Prof. Robin Whatley** (University of Wales). Several students at Deakin University have also been engaged in ostracod research projects under the supervision of Mark Warne. **Michelle Guzel** has recently completed a PhD on

the Mesozoic Ostracoda of Western Australia. **Tamara Camilleri** has recently completed a honours research thesis on Early Devonian Ostracoda from central Victoria (in southeastern Australia). **Selma Kumbaric** is currently undertaking a honours research project on the early Pliocene Ostracoda from the Jemmys Point Formation of the Gippsland Basin, eastern Victoria.

AUSTRIA

Dan L. Danielopol

- Investigation on various aspects of systematics, disparity and diversity of Recent and fossil Candoninae (In cooperation with **A. Baltanás, T. Namiotko, S. Iepure, & C. Meisch**).
- Interpretation of variability of *Candona neglecta* juvenile-valves related to (palaeo)ecology with data from deep-lake Mondsee within the ESF-project Declakes (In cooperation with Declakes participants).
- Geometric morphometrics applied to *Amplocypris* (Eucypridinae) from Neogene lakes of Central and Eastern Europe in order to improve our understanding for the origin and diversity of this group (In cooperation with **M. Stoica, A. Floroiu, A. Baltanàs, M. Gross & W. Piller**).

Claudia Dojen

Working now for a museum, ostracodes are unfortunately not my main focus any more. However, together with **Helga Groos-Uffenorde** (University of Goettingen, Germany), the Devonian group from the University of Muenster (Germany) and the Senckenberg Institute (Frankfurt, Germany) I worked in 2012 on the Devonian ostracodes from the Western Dra Valley (Morocco) and **Sébastien Maillet** (University of Lille, France) and I finished a joined paper on middle Devonian ostracodes from the Ardennes. As a whole, my research interests focus on the taxonomy, biostratigraphy, biogeography and palaeoecology of late Silurian to late Devonian ostracodes. So far, I worked on faunas from Germany, Spain, Nevada (USA), Turkey and Morocco. Future studies will include Palaeozoic ostracodes from the Carnic Alps

Martin Gross

He is currently working on Miocene ostracods from Western Amazonia by continuing the project “Evolution and Phylogeny of *Cyprideis*”. This includes cooperation with **Maria Ines Ramos** (Brazil) as well as activities of two PhD-students in Graz (**Frank Gitter, Marco Caporaletti**). Frank mainly proceeds with high-resolution investigations of Lake Pannon sediments (Central Europe). Marco studied geochemically material from Pannonian outcrops in the Vienna Basin as well as analyzed ostracods from Amazonia. Aside, Martin worked on Late Middle Miocene ostracods from Romania as

well as stayed in tight cooperation with **Dan Danielopol** and his working group.

Wolfgang Mette

In 2012 I continued the work on ostracods from Upper Permian sections in the Dolomites and on the microfossil and isotope record of the Upper Triassic in the Northern Calcareous Alps (NCA) in cooperation with **C. Korte** and **M. Ruhl** (Copenhagen). We have measured the Eiberg section in detail and started to work on other sections to prepare a standard isotope curve for the Rhaetian intraplatform facies of the NCA.

Benjamin Sames

I continue dealing with late Mesozoic non-marine ostracods and their biostratigraphical and palaeoenvironmental application with focus on the Lower Cretaceous of the northern hemisphere. Despite theoretical, practical and applied taxonomy, my research covers theoretical and practical aspects of non-marine ostracod application (e.g. biostratigraphy, palaeobiogeography, palaeoenvironmental analyses), as well as fundamental aspects and prerequisites of applications, such as dispersal mechanisms. In addition I have started (re)turning to fossil marine ostracods and their application

- Principles and methods of the biostratigraphic application of late Mesozoic non-marine ostracods with **David J. Horne**
- Origin and early evolution of the nonmarine Cypridoidea (with **Robin Whatley**, Aberystwyth and **Michael E. Schudack**)
- Revision of representatives of nonmarine Mesozoic (Late Jurassic-Cretaceous) Cytheroidea, Cypridoidea (Cyprideidae, Trapezoidellidae, Cyprididae and Notodromadidae) and Darwinuloidea in collaboration with, amongst others, **João Villar de Queiroz Neto** and **Jean-Paul Colin**
- Documentation, revision and biostratigraphic application of associated Late Jurassic-Cretaceous Charophyta in cooperation with **Carles Martín-Closas**, Barcelona, and **Michael E. Schudack**
- Palaeobiology of dispersal mechanisms of non-marine ostracods
- Taxonomy and application of Palaeogene marine ostracods in cooperation with **Irene Zorn** and **Holger Gebhardt**

Claudia Wrožyna

Claudia is working with Recent and Quaternary ostracods. Her main interest focus on ostracod ecology and geochemistry of ostracod valves. Together with **Martin Gross** she works on soft and hard part morphology of freshwater ostracods from Amazonia.

Irene Zorn

I continued working on Miocene ostracods from Eastern Austria for the mapping programme and projects of the Geological Survey in Vienna.

BELGIUM**Koen Martens & Isa Schön**

The ostracod research group of Koen Martens and Isa Schön at the Royal Belgian Institute of Natural Sciences, Brussels (Belgium) consisted in 2012 of: Postdocs on ostracod-related topics:

- **Valentina Pieri:** Cryptic species in ostracods from Lake Baikal (Marie-Curie Fellow)
- **Merlijn Jocque:** Non-marine Ostracoda in phytothelmata

PhD students on ostracods-related topics:

- **Lynn Vandenbroeke,** Univ Ghent, Belgium: DNA repair in non-marine ostracods. Defended November 2012.
- **Rylan Shearn,** Edith-Cowan University, Perth, Australia: Geographic parthenogenesis in *Ilydromus* Sars, 1894 (Crustacea, Ostracoda).

Research topics in 2012:

- We continue to study taxonomy, phylogeny and ecology of non-marine ostracods from the world, presently with focus on Australia (with **Stuart Halse, Annette Koenders** and **Rylan Shearn**), Africa, South-East Asia (with **Sukonthip Savatenalinton**), Italy (with **Valentina Pieri** and **Giampaolo Rossetti**) and South America (with **Janet Higuti** and **Ricardo Pinto**)
- Taxonomic revision of the Australian genus *Bennelongia* (with **Stuart Halse, Patrick De Deckker** and **Annette Koenders**). (Australian ABRS and ECUi grants)
- Phylogeography, cryptic species and the evolutionary genetics of *Eucypris virens* from Europe and Australia (with **Roger Butlin, Saskia Bode, Dunja Lamatsch, Stuart Halse** and **Annette Koenders**).
- Ostracod diversity and speciation in ancient lakes (Lake Baikal with **Valentina Pieri**, Lake Tanganyika)
- Evolutionary ecology and genetics of putative asexual darwinulid ostracods (with **Bill Birky** and **Alison Smith**) and taxonomic revision of putative ancient asexual darwinulid ostracods with **Giampaolo Rossetti** and **Ricardo Pinto** (Recent) and **David Horne** (Mesozoic).

- The effect of transposable elements on ostracod evolution (with **Irina Arkhipova**).
- Using ostracods as one of the model organisms to test for the effect of urbanization in the international SPEEDY project

Some non-ostracod related activities include:

- Koen is editor-in-chief of *Hydrobiologia* (<https://www.editorialmanager.com/hydr/>) and the *European Journal of Taxonomy* (<http://www.editorialmanager.com/ejt/>) and series editor of two book series.
- Koen and Isa are heading or are participating in several national and international research projects, amongst which the EU-project Biofresh (www.freshwaterbiodiversity.eu) for which Koen is workpackage leader of WP1.
- Isa is editor-in-chief of the *Belgian Journal of Zoology*, board member of BeWiSe, the association of Belgian Women in Science, and board member of the Royal Belgian Zoological Society.

Valentina Pieri

She is now working at the Royal Belgian Institute of Natural Sciences di Brussels (Belgium) as a Post Doc on the projects:

- “Molecular screening of the ostracod *Heterocypris incongruens* (Crustacea, Ostracoda) as a pilot project to develop an ecotoxicological development kit” with **Prof. Isa Schön**, **Prof. Koen Martens** and **Prof. Daniele Goi** (University of Udine).
- “CRYSTAL, Cryptic ostracode species in an ancient lake: the *Cytherissa* flock from Baikal” with **Prof. Isa Schön** and **Prof. Koen Martens**.

She is still collaborating with **Prof. D. Goi** of the Department of Chemistry, Physics and Environment of the University of Udine. Her research project focuses on the use of Recent freshwater ostracods as water quality indicators. She is continuing her research on the taxonomy and distribution of the Recent freshwater Ostracoda in Italy (**G. Rossetti**, University of Parma).

Karel Wouters

Retired since 2009, he is still active in ostracod research, two days a week in the Institute in Brussels. He is now working on marine ostracods from the Boulonnais, NW. France, and on the general collections of the Royal Belgian Institute of Natural Sciences.

BRAZIL**Lucas Silveira Antonietto**

Currently working with **Dr. Dermeval do Carmo** on his PhD about taxonomy paleoenvironmental reconstruction of marine ostracodes from the Brazilian Alagoas Stage (Aptian-Albian) in the Sergipe-Alagoas basin, northeastern Brazil. Additionally, he is developing a Sandwich project in the same theme at the Smithsonian National Museum of Natural History, with **Dr. Gene Hunt**.

Cristianini Trescastro Bergue

She is engaged in research projects on Cretaceous ostracodes from Brazilian continental margin and Cenozoic deep-sea ostracodes from South Atlantic. The main objective of the work on deep sea faunas are the taxonomic study and the development of trace elements analyses for paleoclimatic purposes.

Marcelo Brandão

Recently joined the growing ostracodologist group of the Petrobras research center - Rio de Janeiro - Brazil and is now studying their collections. Marcelo learned ostracods from his graduation in Brasília, with **Dr. Dermeval Do Carmo**.

Simone Nunes Brandão

I will soon begin a project in the Universidade Federal do Rio Grande do Norte, in a city called Natal (Northeast Brasil), with postdoctoral fellowship from CNPq under the coordination of **Profa Dra Helenice Vital** and with **Profa Dra Tatiana Silva Leite** as a main collaborator. The project is on ostracod and macrofauna biodiversity on two regions of the Atlantic Ocean, the coast of Brasil and the continental margin of Iceland. Before the new project begins, I am finishing the work on previous projects:

- on the Challenger ostracods and currently housed in the Natural History Museum in London.
- I keep editing the ostracod content in the World Register of Marine Species (Worms, <http://www.marinespecies.org/>) and I am happy to receive information on mistakes and missing taxa.
- The fruitful collaboration with **Ivana Karanovic** on the taxonomy of Southern Ocean and deep-sea myodocops, with Moriaki Yasuhara on deep-sea Podocopa taxonomy and ecological modelling continues on their ways, with **David Horne** and **Toshiaki Irizuki** on taxonomy of Challenger ostracods, and with **Renate Matzke-Karasz** on morphology of ostracods. Finally, I am supervising the Master Thesis of **Maria Grimm** (University of Bremen) on ostracods from the seas off Iceland.

Marta Claudia

She works mainly with forams biostratigraphy but also on Aptian - Turonian marine ostracods from many Brazilian basins. Marta is revising these ostracods with the internal help of her colleague **Ariany Sousa** at Petrobras research center - Rio de Janeiro - Brazil.

Joao Carlos Coimbra

During 2012 I worked mainly in the following projects:

- My long-term project on the taxonomy and zoogeography of Brazilian marine ostracodes, including oceanic islands, with **Ana Luisa Carreño, Maria Ines Feijo Ramos, Cláudia Pinto Machado** and **Robin C. Whatley**;
- Southwestern Atlantic Quaternary palaeoceanography based on calcareous microfossils (ostracodes, foraminifers and coccolithos), stable isotopes, and trace elements; with **Cristianini Trescastro Bergue, María Alejandra Gomez Pivel** and **Adriana Leonhardt**;
- Cretaceous non-marine ostracods from NE Brazil; project headed by **Dermeval A. do Carmo**;
- The genus *Elpidium* (found only in water accumulations in epiphytic Bromeliads) in Brazil; project headed by **Ricardo Pinto**.

PhD students:

- **Fernando Erthal** concluded a wonderful work on actinotaphonomy of Holocene marine mollusks from two regions of the Brazilian continental shelf (co-advised by **Carla B. Kotzian**);

M.Sc students:

- **Silvia Bottezi** concluded a study on marine ostracodes from Saint Peter and Saint Paul Rocks, and described a new genus and species (probably endemic);
- **Mathias do Nascimento Ritter** and **Sandro Monticelli Petró** are working with Quaternary deposits, the first one on coastal mollusk actinotaphonomy and the second one on Quaternary paleoceanography based on planktic foraminifers and stable isotopes.

Rozileide Costa

She works on Lower Cretaceous ostracods from Ceará and Potiguar basins in the laboratory of Unidade de Negócio de Exploração & Produção do Rio Grande do Norte/Ceará.

Dermeval A. Do Carmo

He is the vice-diretor of the Institute of Geosciences, head of the Laboratory of Micropaleontology and curator on fossil collection from Museum of Geosciences at the Institute of Geosciences, University of Brasília, UnB. He is working mainly with Lower Cretaceous limnic ostracodes from Brazilian basins focused on taxonomy, paleoecology and biostratigraphy with **R.L. Pinto**

(UnB), **Prof. J.C. Coimbra** (Federal University of Rio Grande do Sul) and **Prof. R. Whitley** (University of Wales).

In 2012, two ostracodologists are working with him in the Laboratory of Micropaleontology at the Institute of Geosciences:

- **Dr. Ricardo Lourenço Pinto** became a permanent lecturer of staff at the University of Brasilia. His expertise on Recent ostracodes will improve a lot the integration between studies on fossil and Recent ostracodes.
- **Lucas S. Antonietto** became a permanent member of staff at the University of Brasilia. On March 2011 he will start his Ph.D. with Lower Cretaceous ostracodes from Sergipe/Alagoas basin.

Supervising activities in 2012: He is supervising one graduate student and several undergraduate students:

Graduate students

- **Lucas Silveira Antonietto**, Ph.D. student, on Lower Cretaceous ostracods from Sergipe-Alagoas basin.

Main Research Projects:

- ATLAS OF OSTRACODES FROM BRAZIL – CNPq
- Stages Alagoas, Jiquiá and Buracica: taxonomic study of ostracodes from Campos and Santos basins – ANP/PETROBRAS.

Gerson Fauth

I am continuing research on Cretaceous marine ostracodes from different Brazilian marginal basins.

Thesis Supervision: **Gislaine B. Rodrigues**: Paleoenvironmental reconstruction and isotopic analysis of the Upper Cretaceous in the Potiguar and Araripe Basin, Brazil; **Enelise K. Piovesan**: Taxonomy, biostratigraphy, paleobiogeography and paleoecology of Upper Cretaceous marine ostracodes from Potiguar Basin (with **Cristianini Bergue**); **Daiane Ceolin**: K/Pg boundary ostracodes of Neuquén Basin (with **Andrea Concheyro**)

Silvia Regina Gobbo

Working on continental Cretaceous ostracods, charophytes and their biostratigraphic and paleoecological correlations. Also interested in paleobiogeography, science communication, museology and museum, geosciences and biological education, Paleontology and Evolution.

Jeanine Grillo

She is working biostratigraphically with non-marine ostracods, mostly from Lower Cretaceous of Santos, Campos, Espírito Santo, Ceará, Barreirinhas and Potiguar basins.

Janet Higuti

Biologist and Tenured Researcher of the Centre of Research in Limnology, Ichthyology and Aquaculture (NUPELIA) of the State University of Maringá (UEM), Maringá, Paraná State, Brazil. I have been work with Ostracoda since 2004 in the Paraná floodplain, a project supported by National Council for Scientific and Technological Development (CNPq). At the moment, I am involved with five projects on ecology and taxonomy of Ostracoda supported by CNPq and Fundação Araucária. All projects are developed in Brazilian floodplains, Amazon, Pantanal, Araguaia and Paraná. In relation to ecological aspects, I am interesting in identifying the patterns of biodiversity and the factors determining them. Specifically, I have been investigating the effect of the flood pulses in floodplains and habitat complexity on ostracods community structure. And in regard to the taxonomy of Ostracoda, we have found several new genera and new species in the floodplains, which we are describing in collaboration with **Koen Martens**.

Claudia Pinto Machado

Research includes:

- Taxonomy, paleozoogeography, and zoogeography of Holocene Ostracoda from the Brazilian continental shelf.
- Taxonomy and Ecology of Recent ostracod faunas from Paranaguá (PR) estuarine systems.
- Taxonomy and Ecology of Recent species of Brazilian oceanic islands.

Cláudio Magalhães de Almeida

- Temporary lecturer, Universidade Estadual de Goiás (UEG), Anápolis City, Goiás State Brazil.
- Collaborating researcher at the Biology Department, Universidade Anhaguera, Anápolis City, Goiás State, Brazil.

Ricardo Piazza Meireles

Research at NIWA-New Zealand / FCT-Portugal / CiBio-Azores.

I finished my PhD in Portugal, the title is: "Marine palaeo-ecological and depositional processes on the shallow-waters of the Azores archipelago: the mobile Ostracoda (Crustacea) and the sessile Bryozoa as case-studies".

Demétrio Dias Nicolaidis

Studying the taxonomy, biostratigraphy and paleoecology of Miocene-Santonian ostracodes from the Brazilian equatorial margin.

Roberto Pereira

Working mainly in Campos and Santos basins on Lower Cretaceous biostratigraphy (non-marine ostracods).

Ricardo Lourenço Pinto

Currently working on:

- Non-marine Cretaceous ostracods from coastal Brazilian basins, in a project coordinated by **Dermeval A. do Carmo**;
- Quaternary ostracods from Lagoa dos Patos (Rio Grande do Sul, Brazil), in collaboration with **Jair Weschenfelder** (Universidade Federal do Rio Grande do Sul, Brazil);
- Freshwater ostracods from wetlands and springs in central Brazil, as part of two different projects, one coordinated by **Carlos Eduardo Falavigna da Rocha** (Universidade de São Paulo, Brazil) and another one by **Luciana de Mendonça Galvão** (Universidade Católica de Brasília, Brazil);
- Bromeliad ostracods from the Atlantic forest in southern Brazil, in collaboration with **Elise Vargas Pereira** (M.Sc. student, Universidade de São Paulo, Brazil), **Carlos E.F. Rocha** (Universidade de São Paulo, Brazil) and **João Carlos Coimbra** (Universidade Federal do Rio Grande do Sul, Brazil).
- Bromeliad ostracods from Honduras and French Guyana, in collaboration with **Merlijn Jocqué** (Royal Belgian Institute of Natural Sciences, Belgium)
- Darwinulid ostracods and (semi-) terrestrial ostracod faunas with **Koen Martens, Isa Schön and Giampaolo Rossetti**.

Enelise Katia Piovesan

I am a Ph.D student advised by Gerson Fauth, working on Turonian-Campanian ostracods from Potiguar Basin, Brazilian Northeast. I have been working in two main projects:

- Upper Cretaceous ostracods from Santos Campos and Espírito Santo Basins, Brazil
- Biostratigraphy and Paleocology of the Upper Cretaceous and Paleogene from Brazilian Equatorial Margin: Integrated Studies in Micropaleontology

Maria Inês Feijó Ramos

I have been working in two main projects supported by Brazilian research financial agency (CNPq) studying the “Paleontology, Sedimentology and Stratigraphy of Neogene Brazilian Amazonia” on Solimões (western) and Pirabas (northeastern) Formations. Also, I have been keeping studying Recent ostracods from the Brazilian coast in a long-term project in cooperation with **João Carlos Coimbra**.

My curation activities are in the Paleontology Collection (Invertebrate and Microfossils collection) from the Museu Paraense Emílio Goeldi. I am supervising graduate and Post-graduate students: **Anna Andressa**

Nogueira (bioanna100@yahoo.com.br) is doing a PhD studying the paleogeographical correlation between microfossils from Pirabas Formation, north Brazil and Cantaure Formation, Venezuela; **Ana Paula Linhares Pereira** (biolinhares@yahoo.com.br) is beginning her PhD studying the paleoecology and biostratigraphy of Ostracodes and Palinology from Solimões Formation, AM, Brazil.

Recently I have been involved in two international cooperation projects 1) "Evolution and Phylogeny in *Cyprideis* (Ostracoda)" principal investigator **Dr. Martin Gross** from Landesmuseum Joanneum, Graz, financial support from Austrian Science Fund (FWF);

2) "Paleontology (microfossils) and Correlation between the Neogene of Brazilian Amazonia and Venezuela in cooperation with visitor research **Dr. Orangel Aguilera** from Universidad Nacional Experimental Francisco de Miranda, Cidade de Coro, Venezuela financed by CNPq (process 401920/2010-0).

Full list of publications can be found at:

<http://buscatextual.cnpq.br/buscatextual/visualizacv.do?id=K4723177E2>

Ariany Sousa

Working mainly on lower Cretaceous non-marine ostracods from Campos, Santos and Espírito Santo basins. Also working on Pleistocene-Holocene samples from a piston-core in campos basin that will be presented at the ISO XVII in Rome.

Henrique Zimmermann Tomassi

He works mainly with Permian ostracods (taxonomy, palaeoecology and paleobiogeography) from Parana Basin, related to the final regression of large epicontinental seas in Brazil. In 2011 he took a break from his teach and research activities with Permian marine ostracodes in order to coordinate the micro- and macrofossil sampling from Silurian, Devonian and Cretaceous periods in the construction of Belo Monte hydroelectric plant, which is a legal requirement for its building. He is dedicated to the creation of didactic texts on palaeontology for undergraduate students. Some of his papers and abstracts can be downloaded at <http://sites.google.com/site/HZTomassi>

João Villar

Working with Cretaceous ostracods biostratigraphy from Campos, Santos, Reconcavo, Kwanza, Ivory Coast, Parnaíba, Araripe and Namibia basins. Writing an article about a new genus of the Cyprideidae, from the Berriasian of Reconcavo basin.

CANADA**Andrea Torres Saldarriaga**

She works currently at the University of Regina.

CHINA**Xinxin Dong**

I am interested in the paleoclimate change using ostracods proxy, mainly from non-marine environments, and I am working on Central Asia aridification from Oligocene to present.

Xiangzhong Li

I continued work on carbon and oxygen isotope fractionation between brackish ostracods and their living waters, especially for the salinity effect on the oxygen isotope fractionation of ostracods. I am also engaged in reconstructing past environmental variations using the isotope and ecology character of ostracods in Lake Qinghai or other lakes located on Qinghai-Tibetan plateau. I have published 5 papers on the ecology of ostracods and the environmental implications of stable isotopes from ostracod shells in Lake Qinghai and Lake Gahai on Qinghai-Tibetan plateau, and the pretreatment methods of ostracod shells before the isotope analysis (see bibliography).

Ping Peng

I am a post-doctoral fellowship in Institute of Tibetan Plateau Research, CAS, working on Late Quaternary Ostracoda from the Tibetan Plateau in collaboration with **Dr. Peter Frenzel** (University of Jena, Germany). We document Recent Ostracoda distribution and ecology, and use this data for transfer function application and palaeoenvironmental reconstruction. We sample surface and core sediment from lakes, and sediment from small water bodies on the Tibetan Plateau. Ostracod shells from about 40 Tibetan lakes are under process now.

Dayou Zhai

In 2012 I continued my investigations on the living and subfossil ostracods in China's Inner Mongolian waters. These are the questions I focused on during this year:

- The within-lake heterogeneity of ostracod species occurrence;
- The within-lake difference in the population age structure of ostracods;
- The taxonomy of ostracods based on soft part morphology: Especially, the concept of "Numerical Identification Method" (NIM). I will continue working on NIM in 2013. NIM is an idea to identify ostracod species based on digitalized morphological data, e.g.,

setal lengths. It requires database and computation, rather than expert experience. The intention is to make ostracod identification practical for non-taxonomist researchers. The theoretical base is that the intra-species variations in the applied morphological parameters are smaller than the inter-species extents, so that species distinction can be made.

Wanyi Zhang

I am a PhD student at the Lanzhou University. I am studying and working in the group of **Prof. Steffen Mischke**. My PhD topic is about reconstruction of palaeoenvironment at Heihai Lake, in the Kunlun Mountains, northern Tibetan Plateau, based on ostracods' distribution, assemblage, carbon and oxygen isotope analyses and Mg/Ca, Sr/Ca of valves. There will be one paper with the title "Ostracod distribution and habitat relationships in the Kunlun Mountains, northern Tibetan Plateau", which was accepted by the journal "Quaternary International".

FRANCE

Bernard Andreu

He continues to work on three main topics:

- Cenomanian-Turonian ostracodes from the Agadir section, Morocco
- Cenomanian-Turonian ostracodes from Aurès, Algeria
- Campanian-Maastrichtian ostracodes from Aurès, Algeria

Maria-Angela Bassetti

I have been working on ostracoda since several years and I mainly focus on fossil ostracoda as paleoenvironmental proxies. Part of my work concerns the Holocene time period and I propose a novel approach for studying sedimentary archives at ultra-high temporal resolution in the marine realm. I have worked (supervising the **Anne-Sophie Fanget** PhD thesis, defended in April 2013) on prodelta sedimentary successions that are used for paleoclimate and paleoenvironmental reconstructions in the western Mediterranean at the historical time scale. We have been able to identify in the Rhone delta lobes (1) the human influence on sediment delivery mouth and (2) the impact of extreme events (storms and floods) in shallow water sediment series. At the Quaternary time scale and on East Corsica margin contourites, I currently supervise a PhD thesis (**Charlie Angue Minto'o**) whose topic deals with benthic microfossils (foraminifera and ostracoda) response to bottom water ventilation linked to acceleration/deceleration of the Levantine Intermediate Water velocity, according to climate conditions. I am also interested in the Messinian crisis and particularly in the identification

of late-Miocene episodes of connection in the Atlantic-Mediterranean-Parathetys transect. Ostracoda are vastly useful in this domain. In August-September 2013 I will participate to the IODP Expedition 346 (Asian Monsoon) where I propose to study ostracod assemblages in the aim of reconstructing the complex paleoenvironmental conditions in East China and Japan Sea (Yamato Basin) in relation with the variability of Asian monsoon intensity, (collaboration with **Carlos Alvarez Zarikian**).

Jean-Paul Colin

Early Jurassic ostracodes from Portugal (with C. Cabral). Upper Cretaceous ostracodes from the Potiguar Basin, Brazil (with K. Piovesian, C. Cabral and G. Fauth). Miocene ostracodes from the Qom Formation, Iran (with M. Tarigati) Pre-salt ostracode biostratigraphy of West Africa and Brazil Upper Cretaceous non-marine ostracodes of the Songliao basin, China (with Xi Danpeng) Revision of African-Brazilian-Indian "Brachycyther" (with M. Puckett)

Dr Sylvie Crasquin

I have less and less time for my own research. I am the deputy director of my laboratory since five years and I shall be the director on January 2014. I follow the works of my PhD students

- **Sindbad Zazzali** (UPMC, Paris; 2012-2015) is working on ostracods from Guadalupian – Lopingian boundary
- **Oana Sébé** (University of Bucharest – UPMC Paris; defense on September 2013) is working on Middle Permian deep ostracods from Romania

I am associated to my former student researches

- **Marie-Beatrice Forel** (PhD in November 2010; postdoc in China University of Geosciences Wuhan) works on Ostracods associated with microbial deposits mainly after the mass extinction events of end Permian
- **Yan Aihua** (PhD in 2008; assistant professor in China University of Geosciences Wuhan) is working on Permian – Triassic deep ostracod fauna
- **Anisong Chitnarin** (Suranaree University, Nakhon Ratchasima, Thailand) is working on Middle Permian ostracods from Thailand

Sébastien Maillet

He is currently in his last year of thesis in Lille (France), on Middle Devonian ostracodes. Besides a traditional inventory of the species from the Givetian of Ardennes, his work focuses on their biodiversity and palaeoecology on the ancient Rheno-Hercynian carbonate platform. Regarding bioevents, the aim is also to understand the evolution of the ostracodes communities on this platform through time. His research project also includes a palaeobiogeographic aspect,

through a comparison with some Middle Devonian ostracodes collected from northern Spain and Algeria.

Vincent Perrier

My research as a Leverhulme Post-Doc at the university of Leicester focuses on the colonization of pelagic environments by Myodocope Ostracodes during the Upper Silurian. Ostracods form an important component of zooplankton, adapting to this pelagic lifestyle during the Silurian, an ecological shift coincident with oceanographic and zooplankton biodiversity change. The recent discovery of Silurian myodocopes with soft-anatomy has revolutionized understanding of their palaeobiology and for the first time enables a detailed assessment of the morphological adaptations that may have facilitated a zooplanktonic lifestyle. This project seeks to determine the feedbacks that produced an ostracod zooplankton, scrutinizing the extensive Silurian fossil record of myodocopes, determining their ancient environmental distribution, biodiversity and morphology, and identifying the drivers of the ecological transition. Collaborations with Mark Williams and David Siveter. I also continue my collaboration with the University of Tartu on how Baltic ostracods reacted to rapid environmental changes in the Lower Palaeozoic. The different crises include: climate / sea level changes (Hirnantian Glaciation), sedimentological changes (Katian / Telychian Bentonites), meteorite impact (Kärdla impact) and water chemistry changes (Ireviken excursion). Collaborations with **Tõnu Meidla**, **Oive Tinn**, **Leho Ainsar** and **Karin Truver**. In addition I am actively working on Montceau-les-Mines Carboniferous Lagerstätte and I am treasurer of the Group of French Palaeozoists, see website below (in French):

<http://sites.google.com/site/groupefrancaispaleozoique/home>

GERMANY

Nicole Börner

I am doing my Ph.D thesis on the trace element analysis of ostracode shells using modern and late pleistocene to holocene ostracodes from the Tibetan Plateau, supervised by **Antje Schwalb**, at the Technische Universität Braunschweig. The project focuses on a multi-technique inter-laboratory comparison study on the geochemical analysis of ostracode shells. Trace element analysis will be performed on recent ostracods from the central Tibetan Plateau (Lakes Nam Co, Tangra YumCo, and Taro Co) using (a) conventional batch-dissolution ICP-MS, (b) time-resolved flow-through dissolution ICP-MS in cooperation with **Bart De Baere** at the Department for Earth, Ocean and Atmospheric Sciences, UBC, Vancouver, Canada, and (c) laser ablation ICP-MS in cooperation with **Klaus Peter Jochum** and **Qichao Yang** at the Max Planck Institute for Chemistry, Mainz, Germany. All three techniques used for

the trace element measurements will give an accurate and high-resolution dataset that will be calibrated with the ion composition of host waters to allow for further hydrological and thus climatological reconstruction.

Thomas Daniel

Thomas Daniel is still examining the ostracods of the Middle Pleistocene excavation site Bilzingsleben and of other quaternary sites in Thuringia / Germany. The focus of interest is set on the palaeoenvironmental change recorded by ostracods and preserved in travertine deposits throughout the federal state.

Peter Frenzel

I'm still working mainly on Late Quaternary Ostracoda from the Tibetan Plateau in collaboration with **Peng Ping** and **Guo Yun** (both Chinese Academy of Sciences, Beijing), **Steffen Mischke** (University of Potsdam and FU Berlin), **Antje Schwalb** and **Nicole Börner** (both TU Braunschweig). We document the distribution and ecology of Recent Ostracoda and use this data base for palaeoenvironmental analysis of Late Glacial and Holocene sediments from lake cores and outcrops. Two PhD students are working within this project: **Lailah Gifty Akita** and **Sascha Fürstenberg**. Sascha just started in our group here in Jena and works for half a year in China. Many of the Tibetan lakes are brackish waters. This meets my interest for the ecology, distribution, and taxonomy of ostracods and foraminifers of brackish waters – athalassic and marginal marine ones. I continue to study such brackish water associations from the Baltic Sea, inland water sites from central Germany and the Arabian Peninsula, as well as several marginal marine settings around the world. This work is done in close collaboration with **Anna Pint** and the working group of the Geographical Institute at Cologne. She will hopefully finish her PhD thesis on the use of ostracods and foraminifers for the palaeoenvironmental reconstruction of athalassic brackish water environments at the end of this year. One of our main tools is *Cyprideis torosa*. A new project on South African coastal lakes just starts with a first field campaign in October and will cover Recent and Holocene Ostracoda and Foraminifera. A third focus of my studies is the use of micropalaeontology in geoarchaeology. Here, I work mainly together with **Anna Pint** and her group in Cologne as well as with **Jörg Anso** (Greifswald). **Thomas Daniel** (Groß Fahner) will finish his PhD thesis on Ostracoda from Bilzingsleben, an early hominid site in Central Germany, this year.

Helga Groos-Uffenorde

Despite my retirement and afterwards 5 years of teaching, I still spent some hours per week with Palaeozoic Ostracodes and the micropalaeontological

collections of the GZG. The studies of silicified Devonian ostracodes of Morocco (together with **Claudia Dojen**) are still not completed.

Alan Lord

Ostracod research:

- Ostracods and Holocene environmental history of the Skagerrak region (core MD99-2286) with **K.L. Knudsen** [Aarhus Universitet].
- Ostracods and Holocene environmental history of the Rio Sizandro, Portugal (with **R. Dambeck** [Universität Frankfurt] & **M.C. Cabral** [Universidade de Lisboa]).
- Lower Jurassic of North-West Europe (Germany, UK) with **M.C. Cabral** [Universidade de Lisboa] and **I. Boomer** [Birmingham University].
- Research on Cenozoic stratigraphy and geological history of Cyprus.

also continues: Editor-in-Chief for the *Journal of Micropalaeontology* (<http://www.tmsoc.org/journal.htm>).

Eugen K. Kempf

He is continuing his work on the "Kempf Database Ostracoda". Parts 11 to 14 of the series "Index and Bibliography of Nonmarine Ostracoda" are the next parts to be published on CD-ROM.

He is also producing or improving pages dealing with Ostracoda or Taxon Authorities (especially authors of ostracod taxa) of the internet database "WikiSpecies". In several cases this is done in order to correct wrong data given in other online databases that are not based on the original literature. Other ostracodologists should also become active users of and contributors to "WikiSpecies". In his opinion this rapidly growing database is much more useful for a scientist than other online databases. (see Announcements) PDF files of most of my papers may be downloaded from: <http://www.kempf-world.de>.

Renate Matzke-Karasz

Several projects have been started, continued or finished in 2012:

- Renate continued her 'EROS in Ostracods' project with *Mytilocypis mytiloides*, funded by the German Research Foundation DFG.
- Results of the collaboration with **John Neil** (La Trobe University, Bendigo, Australia) and **Robin Smith** (Lake Biwa Museum, Japan) on exceptionally preserved Miocene freshwater ostracods from the Australian Riversleigh World Heritage Site has partly been published (JSP). Now, the results of tomographies are being assessed.

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- Together with **Shinnosuke Yamada**, a paper on Zenker organ functional morphology has been published (Naturwissenschaften)
 - Collaboration with **Robin Smith** on Cypridoidean sperm morphology has been continued.
 - Some work has been done on a new *Tanycypris* species, found in the Munich botanical garden. Together with the master student **Christina Nagler**, high-speed camera recordings were made of an exceptionally fast jump in two species of this genus. **Christina** is now doing a revision of the genus.
 - Together with the master student **Anna Jöst**, a first round of barcoding of freshwater ostracods has been done in the frame of the project Barcoding Fauna Bavarica (www.faunabavarica.de). A manuscript is 'under construction'. After finishing her thesis, **Anna** moved to Hong Kong to join **Moriaki Yasahura's** group.
 - Renate helped **Finn Viehberg** organizing the IGOM conference in Cologne, at the occasion of **Eugen Karl Kempf's** 80th birthday. Currently, the proceedings are in preparation and will be published within *Crustaceana*.
 - Renate continued work as subject editor for ostracod-related manuscripts submitted to the journal *Zootaxa* (<http://www.mapress.com/zootaxa/>), the world's foremost journal in taxonomy. In 2012, five papers on ostracods have been published in *Zootaxa*. *Thanks again to all reviewers, who invested their valuable time in writing extended reviews, thus making the publication of ostracod papers within Zootaxa possible.*

Steffen Mischke

Steffen is currently working as Heisenberg Research Fellow at the University of Potsdam (Germany). In addition, he is affiliated as lecturer (Privatdozent) to Freie University of Berlin (Germany). Steffen is mainly working on Quaternary environmental and climate reconstruction based on lake sediments. He uses ostracods species assemblage and shell chemistry data along with sedimentological and geochemical proxies for environmental inferences. He established surface sample calibration data sets based on ostracods for the Tibetan Plateau, Mongolia (with **Thijs van der Meeren**), and Israel. Research areas are in China, Tajikistan, Israel and Jordan, and more recently also in Morocco and India.

Burkhard Scharf

I have collected ostracods in the environs of Bremen (Germany), of Basel (Swiss), and in Egypt. In Egypt I have tried to find *Eucypris mareotica* at the type locality, unfortunately without success. I have found this species in January of 2013 in Greece, but this is eventually not the type locality. I have continued to prepare and determine the ostracods of Lake Ohrid from the collection of Petkovski.

I have written a part of the manuscript about the town moat of Bremen and a contribution to a manuscript about the freshwater ostracods of Tunisia. *Psychrodromus tunisicus* n. sp. is described. Both papers are published in 2013.

Michael Schudack

His current research activities (as far as ostracods are concerned):

- Research projects on the Jurassic and Cretaceous (marine and non marine) of Europe and Israel
- Main focus on biostratigraphy, palaeoecology, biogeography, palaeoclimatology, and stable isotope shell geochemistry

Running and new research projects (only ostracod-related ones):

- Micropaleontology of the Santonian (late Cretaceous) Menuha formation (Southern Negev, Israel) – with **U. Schudack** (Germany), **H. Ginat** (Israel) and **R. Rabinowitz** (Israel)
- Stable isotope compositions of charophytes and ostracods for palaeolake reconstructions in the upper Jurassic and lowermost Cretaceous of Western Europa (Germany, England, Spain) and the USA (just started)

Antje Schwalb

- Aquatic ecosystem evolution and monsoon dynamics in Southern Tibet and Central Asia using Recent and Late Pleistocene to Holocene Ostracoda together with **Nicole Börner**, PhD student; **Peter Frenzel** and **Steffen Mischke** (Co-PI's; funded by DFG and BMBF grants).
- Ancient Lake Ohrid (Macedonia) biodiversity, together with **Julia Lorenschat** (PhD thesis defended 6-2013; funded by DFG SPP-ICDP).
- Effects of abrupt climate change on Ice Age ecosystem of Lake Petén Itzá and on distribution patterns of ostracodes across the Yucatán Peninsula, together with **Liseth Pérez** (UNAM, Mexico City), and PhD students **Laura Macario Gonzales** and **Sergio Cohuo** (funded by DFG SPP-ICDP).

Henning Uffenorde

He continued to study Late Eocene to Early Oligocene ostracods (1) in connection with East/West German differences in taxonomic and stratigraphic interpretations, (2) questionable connection between the Palaeogene North Sea and the Paratethys by means of Ostracoda and (3) migration pathways.

Finn A. Viehberg

Continued his investigations of the Recent and Quaternary ostracod fauna of Lake Iznik/Turkey are in the palaeoenvironmental focus of the Collaborative Research Centre 806 “Our Way to Europe: Culture-Environment Interaction and Human Mobility in the Late Quaternary”. Further lakes of interest in this project are Lake Prespa and Lake Dojran (Macedonia), Lake Yoa (Chad) and Lake Chew Bahir and Lake Chamo (Ethiopia; PhD student: **Tsige Gebru**).

He restarted some investigations on ancient Lake Ohrid and Prespa (Macedonia) to complement the understanding of ostracod biodiversity on the Balkans (Diploma thesis **Nicole Rohn**)

In addition, he got involved in outcrop sites in Armenia of Pleistocene age in collaboration with the *ROCCEH-Team* (Role of Culture in Early expansions of Humans) Frankfurt.

Fluvial Alleröd/Early Holocene deposits close to the archaeological site Weitsche2/northern Germany were analysed to reconstruct the palaeoenvironment. This project is in collaboration with **Antje Schwalb, Falko Turner, and Stephan Veil**.

Finn also actively contributed to the German Barcoding of Life (GBOL). In 2012, the book project "Ostracoda as proxies for Quaternary Climate Change" for Elsevier's "Developments in Quaternary Science" series was finalized led by **David Horne** and coedited with **Jonathan Holmes, and Julio Rodriguez-Lazaro**.

Anton Waltschew

He is working on Lower and Middle Jurassic ostracods, foraminifers and echinoderms from South Germany (and Europe).

GREECE**Stylios F. Galoukas**

Main interest is in (ostracod) Cenozoic paleogeography and palaeoecology in relation to the Mediterranean Sea (and Paratethys) geo-ecological history. I am also working on ostracod morphometrics and their contribution to ostracod semi-automated identification.

Theodora Tsourou

Theodora continues to work mainly on the distribution, ecology and taxonomy of Quaternary and Recent coastal marine/brackish Ostracoda from Greece. She is particularly interested in the use of micropalaeontology in geoarchaeology. Currently participating in two long-term projects (2012-2015):

- Island biodiversity and cultural evolution: Examples from the Eastern Mediterranean, Madagascar, Mauritius, Philippines during

the past 800,000 years (coordinator **V. Karakitsios**, University of Athens).

- Messinian Salinity Crisis: the greatest environmental perturbation of Mediterranean Sea and its impact on the biota (coordinator **H. Drinia**, University of Athens).

IRAQ

Sanad A.M. Al-Khashab

He is working with his M.Sc. student Jawaher M. Al-Halawachi on Upper Triassic Ostracoda from north Iraq (Amedi-Duhok), until now they found many genera of Ostracoda from Baluti Formation including: *Aneisohealdia*, *Bairdiacypris*, *Cytherella*, *Healdia*, *Langdia*, *Liuzhinia*, *Ogmoconcha*, *Ogmoconchella*, *Paracypris*, *Polycope*, *Renngartenella*, *Reubenella* and *Triadocypris*, many of these genera were recorded for the first time in Iraq. A manuscript about the first record of the genus *Polycope* has been submitted to the Iraqi Nat. Jour. of Earth Sciences (see: In Press Papers), *Polycope* were the most common genus during the Upper Triassic of Baluti Formation in North Iraq.

He is also working on Cretaceous Ostracoda from different localities of Iraq. Also samples from Devonian and Carboniferous from many formation were collected during 2012 in North Iraq near the Turkish border, and He will studying them during the summer 2013.

ISRAEL

Avi Honigstein

Continues with Mesozoic (mainly Triassic) – Cenozoic ostracode assemblages from Israel in routine work, but is very occupied with his oil and gas exploration job for the Ministry of Energy and Water Resources. He plans a sabbatical leave for 2013/4 at the University of Innsbruck, Austria (host: **Wolfgang Mette**) and at the Senckenberg Museum in Frankfurt, Germany (host: **Alan Lord**)

Lilach Lev

Lilach submitted, together with Ahuva Almogi, a paper on chemistry, stable isotopes and Sr/Sr values of *Cyprideis torosa* from Lake Kinnereth, northern Israel. Also, data for the numerical abundance of the ostracodes in these samples, which represent a short time span between ~24 and 20 ka, are given in this paper.

ITALY

Giuseppe Aiello

& **Diana Barra** are working on the following topics:

- Lower/Middle Pleistocene ostracods of Montalbano Ionico (Basilicata, Southern Italy).
- microfossil assemblages of Late Quaternary sediment levels of the volcanic areas including Somma-Vesuvius and Phlegrean Fields (Campania, Southern Italy).
- Late Quaternary ostracods from drilling sediments of the Mistras Lagoon (Sardinia).
- Holocene ostracods from the Kotychi Lagoon (Elis, Greece).
- Late Quaternary microfossil assemblages of the coastal plain of Mondragone (Campania).
- Late Quaternary ostracods from the Trigno River mouth (Molise, Southern Italy).

Costanza Faranda

Together with **Elsa Gliozzi**, she has completed the analyses of the scarce marine ostracod remains of the pre-evaporitic sections of the Greek Macedonia (Strimon Basin and Akropotamos section). At present they have started the detailed micropaleontological analyses of the early Zanclean deposits of Eraclea Minoa. The aim of this research is to extend the biostratigraphical scheme based on ostracods from the Messinian Salinity Crisis to Zanclean, working together with **Diana Barra** and **Giuseppe Aiello**.

Virgilio Frezza

He is studying recent ostracoda from several samples collected between 15 and 184 m water depth, in the marine sector comprises between the Piombino Promontory and the Elba Island to the north and the Argentario Peninsula and the Giglio Island to the south (Northern Tyrrhenian Sea, Italy).

Elsa Gliozzi

In the frame of a joint research project among Roma Tre and Birmingham universities with the Russian Academy of Science (Moscow and St. Petersburg), the Ukrainian Academy of Sciences, and the VSGEI and the VNIGRI Institutes (St. Petersburg), Elsa Gliozzi, **Ian Boomer**, **Marius Stoica**, **Eugene Schornikov** together with **Natalia Dykan**, **Nick Aladin**, **Tatyana Dmitrieva**, **Irina Nikolaeva**, and **Ekaterina Tesakova**, ended the taxonomical revision of some Livalent's species. The results of this research will be presented at the next 17th ISO in Rome. Elsa Gliozzi and the PhD Student **Marta Marchegiano** of the Geneva University (Switzerland) just started to work on a new research project on the Quaternary palaeoenvironmental evolution of the Trasimeno Lake (Umbria,

central Italy), through the study of deep boreholes drilled on the shore and inside the lake.

Iliaria Mazzini and Elsa Gliozzi, in collaboration with Italian and Albanian geochemists, palynologists, geologists, botanists and zoologists (**Giampaolo Rossetti**), are carrying out a multidisciplinary scientific project on the Holocene and present environmental evolution of the Skhodra Lake (Montenegro, Albania, Balkan region). The Holocene researches are based on the study of two sediment cores drilled at different depths in the lake. At present, the analyses of the deepest borehole (SK13) are finished and the multidisciplinary results will be presented at the 17th ISO in Rome, while the study of the borehole SK19, drilled in the coastal area of the lake, has started few months ago. The analysis of the present ostracod fauna of the lake and its relations with the physical-chemical parameters of the water and the algae and macrophytes is still in progress on samples obtained from three sampling campaigns, carried on during 2011 and 2012.

Zoological sampling has been carried out also on the springs and canals of the Appia Antica Regional Park, in Rome, and the results of the integrated analyses on ostracods and macrophytes will be presented at the next 17th ISO in Rome and will be the object of the mid-symposium field excursion. Together with **Giampaolo Rossetti** and **Valentina Pieri**, **Iliaria Mazzini** and Elsa Gliozzi have started a morphometric study of living *Ilyocypris* species, collected from Italian water-bodies. This project aims to solve the many open questions regarding the *Ilyocypris* genus as the ecophenotypic variations of the surface ornamentation and the taxonomic value of the marginal ripplelets.

Francesco Grossi

Together with **Elsa Gliozzi** continue to work on the palaeoenvironmental changes occurred in the Mediterranean area during the Messinian Salinity Crisis. The micropaleontological analyses of the Lago-Mare 240 m-thick succession of Eraclea Minoa (Sicily), started in 2011, is almost complete and they are starting some correlated analyses on the bulk (magnetic susceptibility and stable isotopes) in order to decipher the astrochronology of the section. The detailed integrated study (geochemistry, morphometrics and sieve pore analysis) of a portion of the Eraclea Minoa section characterized by the presence of a monospecific assemblage with *Cyprideis agrigentina* Decima has been completed and the results will be presented at the next 17th ISO in Rome. Moreover, two more Lago-Mare localities have been studied this year: the first one located on the Adriatic side of central Italy (Stingeti quarry, Molise), where, besides typical Lago-Mare ostracods, also rodents and molluscs have been recovered, opening the possibility to create an integrated biostratigraphical scheme of the Messinian Salinity Crisis; the second in the Greek Macedonia region (Strimonas Basin and Akropotamos area); the aim of this latter study is to correlate the late Messinian section of this area, extending the field-survey

towards Greek and Turkish Tracia, in order to find the migration pathway of the Lago-Mare ostracods from the Paratethys area (Dacic and Euxinic Basins) to the Palaeomediterranean.

Ilaria Mazzini

She is studying the ostracoda collected by Faysal Bibi from the Late Miocene Baynunah in the United Arab Emirates. The Proboscidea track bearing laminate carbonates are rich in ostracods and a preliminary study on four samples has led to important details about the depositional environment. Ilaria Mazzini is still working on geoarcheology, in collaboration with the French archaeologist Jean-Philippe Goiran and the palynologist Laura Sadori. The ostracod study of several boreholes in the area of the Tiber delta, where the ancient harbours of Ostia and Portus are located, has led not only to the reconstruction of the palaeoenvironmental evolution of the area but also to estimate of the palaeobathymetry of the harbour basins. An important achievement was the drilling of the hexagonal Trajan harbour, nowadays a lake in a private property. **Valerio Ruscito** will focus his PhD on the geochemical analyses of the ostracods and foraminifera extracted from one of the cores with the aim to understand the palaeoenvironmental evolution of the last 2000 years.

Maria Eugenia Montenegro

She is involved in a late Holocene environmental reconstruction of an archaeological site located in the South of Peru, within a project directed by Prof. Christian Duverger from the École de Hauts Études de Sciences Sociales, Precolombian Departement. She is also collaborating as ostracodologist on the environmental reconstruction of a Middle Age archaeological site near Bordeaux, within a project of the University Paris 7, directed by Prof. Gilles Arnaud-Fassetta.

Roberta Parisi

Together with **Giuseppe Aiello** and **Diana Barra**, she is presently studying:

- Inter and intraspecific variability of the genus *Urocythereis* in the Porto Cesareo Lagoon (Apulia, Southern Italy);
- Recent assemblages of the coastal marine areas of Campania (Pozzuoli, Torregaveta-Cuma) and Turkey (Silivri, Sea of Marmara).

Nevio Pugliese

Together with **Maria Eugenia Montenegro** he is involved in the late Holocene environmental reconstruction of the ancient Roman town of Elaiussa-Sebaste (Turkey) through the study of several boreholes drilled within a geoarchaeological project (principal investigator: Prof. E. Equini Schneider). Nevio Pugliese with **A. Russo** and **P. Serventi** analysed the ostracods of Miocene deposits influenced by seepage (cold seeps). Nevio Pugliese studied the ostracod fauna of a stratigraphic sequence in Slovenia, including the

Paleocene-Eocene Thermal Maximum (PETM). He is also co-ordinating all the Italian ostracodologists on the project of a checklist of marine and brackish mediterranean ostracod species along the Italian coastline.

Giampaolo Rossetti

He is continuing to work on Recent darwinulids in collaboration with **Isa Schön**, **Koen Martens** and **Ricardo Pinto**. He is currently involved in a study of ostracod diversity and ecology in springs of Northern Italy and in other projects on Recent ostracods led by colleagues at the University of Roma Tre. **Melissa Rosati** started her PhD in Ecology at University of Parma in January 2013. Her work is focused on meiofaunal communities in springs, in particular on ostracod biogeography and ecology. The first step of her project aims at studying assemblage patterns and environmental constraints of ostracods communities in cold springs of Western Palearctic.

Valeria Rossi

She 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).

Veronica Rossi

She continues to work on the palaeoecology of non-marine and marine ostracods recovered from the late Quaternary successions of Mediterranean coastal areas, including the Po Plain and Po Delta, the Arno coastal plain, the Ombrone coastal plain and the Rhône Delta system. Palaeoenvironmental insights deduced from the benthic record are also used to delineate the sequence stratigraphic architecture of the studied successions and precisely locate the main stratigraphic surfaces.

During the last two years her research activity has also included the use of micropalaeontology, integrated with sedimentology and sediment geochemistry, in urban geoarchaeology (Mappa Project, Pisa city, Italy; <http://mappaproject.arch.unipi.it>) and ancient harbour stratigraphy (Magdala Project, Kinneret Lake, Israel; <http://www.magdalaproject.org/WP/>). All these activities are in collaboration with Prof. A. Amorosi (University of Bologna), Dr. I. Sammartino, Dr. G. Sarti (University of Pisa) and Dr. S.C. Vaiani (University of Bologna)

Gianguido Salvi

He is still involved in the research on ostracod assemblages recovered in several Antarctic sediment cores collected in the Ross Sea continental shelf (Antarctica).

Together with **Nevio Pugliese** and **Deborah Arbulla**, in collaboration with the University of Cagliari (principal investigator Prof. S. De Muro), he is studying ostracod assemblages of the several Sardinian areas with particular aim to

investigate correlation between ostracods and pollution (see Maddalena Arsenale harbour). Finally, Gianguido is working on ostracod assemblages from the Carnian alpine lakes (see Lago di Bordaglia). The main aim of these studies is the use of ostracods as bioindicators of environmental changes of these fragile ecosystems.

Francesco Sciuto

Researcher in Sedimentology and Stratigraphical Geology at the University of Catania. 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 biocoenoses and thanatocoenoses of the Mediterranean and Gulf of Thailand. He has participated to several oceanographic campaigns.

JAPAN

Hirokazu Ozawa

- Taxonomy, palaeobiogeography (i.e., origin, speciation, migration, extinction and survival) and palaeoecology of cytheroidean ostracods in Late Cenozoic at the Japan Sea coasts and its adjacent area (with **Dr. Takahiro Kamiya**).
- Ecology, taxonomy and biogeography of modern cytheroidean ostracods in the Japan Sea and its adjacent area.
- Sexual dimorphism with paedomorphosis on hingement and phylogeny for species of *Loxoconcha* with loxoconchids from Japan and its adjacent area (with **Dr. Tohru Ishii**).
- Paedomorphosis of *Semicytherura* in Late Cenozoic at the Japan Sea coasts.
- Pore distribution-pattern and palaeobiogeography of *Aurila* species from Pliocene to present at the Japan Sea coasts and its adjacent area.

Robin James Smith

- Taxonomy of groundwater and interstitial ostracods from Japan.
- Taxonomy of Korean freshwater ostracods with **Cheon Young Chang, Jimin Lee** and **Jean-Paul Colin**.
- Morphological analysis of cypridoidean sperm with **Renate Matzke-Karasz** and **Takahiro Kamiya**.

- Miocene ostracods of the Riversleigh World Heritage Site, Australia with **Renate Matzke-Karasz**, **John Neil**, **Radka Symonova** and others.

Katsura Yamada

Working on paleoenvironmental reconstructions in the post Miocene time based on ostracod assemblages, and oxygen isotopes and Mg/Ca of ostracod shells. Particularly, my current interests are Plio-Pleistocene sea-level changes off New Zealand, Asian Monsoon oscillations in East Asia and quantitative reconstructions of paleotemperatures in the Sea of Japan.

Tatsuhiko Yamaguchi

My ongoing works are on Cenozoic deep-sea ostracodes off Newfoundland and fossil cold-seep ostracodes from Washington State, USA.

Moriaki Yasuhara

I continue to work on climatic and anthropogenic impacts on deep-sea and shallow-marine ecosystems and biodiversity using paleoecological and micropaleontological records. Recently I have been especially interested in (1) the tropical Indo-Pacific biodiversity hotspot and (2) conservation paleoecology using microfossils (see Yasuhara et al. 2012 *Ecology and Evolution*) as well as large-scale marine biodiversity patterns (see my 2012 papers in *Paleobiology*, *Journal of Biogeography*, and *Ecology Letters*). I also continue to work on deep-sea ostracod taxonomy, and several papers are now in press.

KOREA

Ivana Karanovic

Ivana is still in South Korea, and from the last year she has started teaching at the Hanyang University, Seoul Campus. As far as ostracods are concerned she actively works on both podocopids and myodocopids from all over the world with special emphases on Asia, Australia and South America. She also continues to collaborate with **Dr Simone Nunes Brandao** on the deep sea ostracods (one monograph published last year). Since this year Ivana started collaboration with **Dr Hayato Tanaka** on the family Polycopidae, especially from the marine interstitial, and one paper has already been submitted. Collaboration with the Australian colleagues continues, this year emphasizing on the subfamily Timiriaseviinae from subterranean waters of Western Australia, and one paper has been submitted in co-authorship with **Dr William Humphreys** from the Western Australian Museum. A project on the ostracods from the Australian Coral Reefs continues with one paper published last year and another, on a new taxon from the Ningaloo Reef, on its way. Last year Ivana

started collaboration with the colleagues from Mexico: **Dr. Manuel Elias Gutierrez**, **Mr Sergio Cohuo Duran**, and **Dr Liseth Pérez**, on ostracods from the Mexican crater lakes, with one paper published earlier this year and another under revision. This year her student **Mr Hyunsu Yoo** from Hanyang University defended his master's thesis at the Hanyang University, with the topic on the genus *Paradoxostoma* from South Korea. Later this year, **Ms Kong Qiang** from the East China Normal University will visit Ivan's lab and they will work on the Chinese freshwater ostracods. In 2013 Ivana will start collaboration with **Dr Ryouichi Higashi** on the revision of the genus *Fabaeformiscandona*.

Her continuing projects in South Korea mostly deal with Candonidae, Paradoxostomatidae, Polycopidae and Sarsiellidae from this country.

LUXEMBOURG

Claude Meisch

He continues to work on the taxonomy and distribution of the freshwater Ostracoda, mainly but not exclusively of Europe.

He uses and contributes to Wikispecies, the free species directory.

(http://species.wikimedia.org/wiki/Main_Page)

MALAYSIA

Ramlan Omar

He is studying Recent Ostracoda in Malaysian waters

MOROCCO

Abdelhamid Rossi

MEXICO

Liseth Pérez

Currently I am a postdoc at the Department of Paleontology of the Institute of Geology, Universidad Nacional Autónoma de México (UNAM) in Mexico city. Since 2005 I have been studying the modern and fossil ostracode fauna from the Yucatán Peninsula and surrounding areas (lowlands and highlands of México, Guatemala and Belize), and in 2012 (together with other UNAM colleagues: **Socorro Lozano**, **Margarita Caballero**, **Alexander Correa**) we started to develop a training set for central (n=28) and southern Mexico (n=15). Our study includes analysis of multiple aquatic bioindicators (ostracodes, cladocerans, diatoms, chironomids, thecamoebians, etc.) and pollen. This year

in cooperation with **Dr. Antje Schwalb** from the Institut für Geosysteme und Bioindikation, Technische Universität Braunschweig, Germany, we will continue sampling in waterbodies (n=40) in Central America (Guatemala, Honduras and El Salvador). All modern data will help to improve the paleoenvironmental reconstruction of the two longest records for the northern Neotropics, Lake Petén Itzá, northern Guatemala (200 ka) and Lake Chalco, central México (800 ka)."Text"

NEW ZEALAND

Stephen Eagar

I have retired, but still work on ostracods, mainly myodocopids from New Zealand and SW Pacific marine faunas. I am able to use the facilities of a local Institute

NIGERIA

Nkechi E. Onyedineke

She is working on freshwater ostracods in Nigerian waters.

POLAND

Anna Iglowska

My MSc and PhD were dealing with freshwater ostracods ecology of northern and central Europe. Together with my supervisor, **Professor Tadeusz Namiotko** (University of Gdansk, Poland), we are authors of three papers on Lapponian ostracods – faunistic and ecological studies. After PhD (in 2010) I started work at the Institute of Oceanology of Polish Academy of Sciences (Department of Marine Ecology) in Sopot. Recently, I work in close collaboration with **Professor Geoffrey Boxshall** (Natural History Museum, London, UK). This year we described a new species from the family Thaumatoctyprididae, and prepared a comprehensive phylogenetic revision of *Danielopolina* genus (Myodocopa: Thaumatoctyprididae). Publication is already accepted in Zoologischer Anzeiger. Now, we are going to start a new project on macroecology of Microcrustacea. We will analyse the adaptive radiations of two groups of aquatic microcrustaceans (ostracods and copepods), to compare species richness and body size across lineages that have independently undergone a major event – colonizing a new salinity regime or habitat type, or adopting a novel mode of life such as parasitism. Currently, I also work with **Dr. Martin Angel** (National Oceanography Centre, Southampton). We are preparing a taxonomical revision of *Paraconchoecia* genus (Myodocopa: Halocyprididae).

Tadeusz Namiotko

My research is focused on the taxonomy, ecology and distribution of Recent and Quaternary nonmarine ostracods, mainly from Europe. I am currently working on:

- Recent and subfossil ostracods from postglacial and long-lived European lakes (with **S. Belmecheri, D.L. Danielopol, S. Iepure, M. Gross, U. von Grafenstein** and others)
- Quaternary ostracods from southern Baltic Sea (with **J. Krzyminska**)
- High latitude European ostracods (with **D.L. Danielopol, A. Iglukowska** and others)
- Evolutionary ecology and taxonomy of ostracods from temporary waters (with **K. Martens, M.J.F. Martins, F. Mesquita-Joanes, G. Rossetti, O. Schmit** and **J. Vandekerkhove**)
- Groundwater ostracods from Romania and Italy (with **D.L. Danielopol, S. Iepure, A. Montanari** and others)

Ewa Olempska

I continue my research on ostracods: (1) Devonian ostracods from the Holy Cross Mountains; (2) Devonian ostracods from NW Turkey (with **Atike Nazik**).

PORTUGAL**Maria Cristina Cabral**

Research activities:

- Recent ostracods from salt-marshes of Portuguese estuaries (Rivers: Minho and Coura; Lima; Tejo and its tributaries Trancão and Laje; Sado; Mira) - species identifications almost finished. Some doubts, some new species - ongoing work. The work on Recent and Sub-recent ostracods is made within the scope of a Research Project funded by the Portuguese FCT: WesTLog – Recent evolution of Portuguese W coast estuaries: high resolution studies from marshes geological records. PTDC/CTE-GIX/105370/2008.
- Recent ostracods from the Western Algarve continental slope - supervision of 1 Master thesis related to this subject (ongoing, to be finished until September 2013).
- Holocene ostracods from different long cores of coastal lagoons and estuaries in Portugal: Mira river, Pederneira lagoon (Nazaré region – 3 long cores already studied) and Sizandro river (in collaboration with Alan Lord).

Related with all this work in Recent and Quaternary species, preparation of an overview of all the ostracod species found until now in Portugal - to be published in Journal of Micropalaeontology, in the next number of 2013.

- Cenomanian ostracods from a small section in Lisboa-Sintra region - supervision of 1 Master thesis related to this subject (ongoing, to be finished until September 2013).
- Jurassic ostracods from the Lusitanian Basin, Portugal: marine and non-marine Sinemurian ostracods (in collaboration with **Jean-Paul Colin** – working and preparation of publications ongoing); marine Toarcian ostracods (in collaboration with **Alan Lord** – paper ready to be submitted); non-marine and marine ?Kimmeridgian ostracods (in collaboration with **Jean-Paul Colin**). Some of the work on Jurassic ostracods is made within the scope of a Research Project funded by the Portuguese FCT: Project PTDC/CTE-GIX/098968/2008 – High resolution stratigraphy of the Lower Jurassic organic-rich marine series

ROMANIA

Alina Floroiu

I finished my PhD thesis in 2011 working with Miocene ostracods from Eastern Paratethys, particularly Pontian ostracods from Dacian Basin (Romania) and Black Sea area.

I continued to study the Miocene ostracods from Dacian Basin working with **Prof. Dr Marius Stoica** (University of Bucharest) and **Prof. Dr. Dan Danielopol** (Graz University).

In 2011, I published my first paper about Maeotian/Pontian ostracods from Dacian Basin (South Carpathian Foredeep – Romania); paper published in GeoEcoMarina.

Marius Stoica

For the moment I'm more involve in studding Upper Miocene and Pliocene ostracods from Paratethys and fitting their stratigraphical distribution with magnetostratigraphy (working with teams from Utrecht) on stable isotopes.

RUSSIA

Ekaterina Tesakova

This year, I revised the most voluminous in European Jurassic genus *Palaeocytheridea*. This is abstract to my first (published) article on this genus (there will be three - two in the press):

The analysis of ostracods (Crustacea) of the genus *Palaeocytheridea*, widespread in the Boreal and Tethyan regions of Europe, allows establishing

several correlated sequences in the Middle Jurassic of these regions, thus showing the stratigraphical significance of this genus. However M.I. Mandelstam misdescribed the hinge in carapace valves of the ostracod genus *Palaeocytheridea* in his characterization of the type species of *P. bakirovi* Mandelstam, 1947, and subsequently P.S. Lyubimova (1955) replaced the original type species by *Eucythere denticulata* Sharapova, 1937, thus confusing the understanding of the content of the genus *Palaeocytheridea* and triggering the assignment to it of more than 90 forms, belonging not only to different genera but also to different families. The revision reveals 11 valid *Palaeocytheridea* species, belonging to the two subgenera: *Palaeocytheridea* s. str. and *Malzevia* subgen. nov. One species, *Palaeocytheridea kalandadzei* sp. nov., is described as new. This paper, the first of the series of three papers dealing with ostracods of the genus *Palaeocytheridea*, considers the history of the development of ideas on the content of the genus, presents the results of its revision, and describes new taxa.

SINGAPORE

Dr Chris Gouramanis

He is a post-doctoral researcher with **Adam Switzer** to examine coastal hazards - including typhoons and tsunamis, coastline evolution and palaeoclimatology using ostracods in the south-east Asian region. He is also working with **Patrick De Deckker** to determine palaeoenvironmental and palaeoclimatic change in Australian lacustrine and coastal ecosystems using ostracod valve chemistry and ostracod-based transfer functions. **Stuart Halse** and *Chris* have also developed an athalassic ostracod database for Australia in which to explore ostracod ecological relationships.

SLOVENIA

Nataša Mori

I was investigating ecology of recent freshwater Ostracoda in alpine karstic ground waters (the Southern Limestone Alps) and in the hyporheic zone of the Sava River. Additionally, I am studying the distribution and morphological variability of *Typhlocypris cavicola* in Slovenia and adjacent regions (Italy; Southern Europe). I was involved in the project by Dan Danielopol on the revision of genus *Typhlocypris*. I revised the published data on recent freshwater Ostracoda from Slovenia and prepared preliminary checklist for Slovenia composed from published data and data from my own field samplings. My interest in the future is directed towards ground water genus *Mixtacandona*— ecology, biogeography, evolution.

SPAIN
Francesc Mesquita-Joanes

My research is focused on the ecology and Holocene palaeoecology of nonmarine ostracods, mainly from the Iberian Peninsula. I am involved in a new research project led by limnologist A. Camacho on the community and ecosystem ecology of lakes in Central Spain. PhD students **Luis Valls** and **Andreu Castillo** collaborate with us in research tasks related to zoobenthos and zooplankton of these lakes, including analysis of ostracod metacommunities and dispersal. PhD student **Josep A. Aguilar-Alberola**, is about to defend his doctoral thesis on the ecology and ontogeny of *Heterocypris bosniaca*, and students **Andreu Escrivà** and **Alexandre Mestre** are on the final steps of their PhD thesis on the ecology of exotic ostracods in the Iberian Peninsula. I am also supervising the thesis of J. Rueda on invertebrates from temporary ponds. In July 2012 **Dr. Olivier Schmit** successfully defended his PhD thesis on the Evolutionary ecology of reproductive modes in *Eucypris virens* (in the framework of SexAsex project, coordinated by **Koen Martens**) (co-supervised with **J. Vandekerkhove** and **G. Rosetti**). In June 2012 I visited **Dr. Sukonthip Savatentalinton** in Mahasarakham (Thailand) to work with her on the ecology of Thai ostracods. In the framework of a project led by J.S. Monrós, we sampled temporary ponds in Costa Rica and Nicaragua, and with **J.A. Aguilar-Alberola** we will analyse their ostracod communities. I am also collaborating with **Brandon Curry** (USA), **Romina Liberto** and **Inés César** (Argentina), **Javier Marco-Barba** and **Luis Fernando López-Gutiérrez** (Mexico) on different projects related to the (paleo-)ecology of nonmarine ostracods.

Julio Rodríguez-Lázaro

- Hydrological changes in Iberia during climatic oscillations in the interglacials: speleothem and marine records. Leader **Heather Stoll**. In collaboration with **Isabel Cacho**, **Ana Moreno** and others.
- Quaternary palaeoenvironmental evolution of the Southern Bay of Biscay. Palaeoceanographic and palaeoclimatic analyses based on ostracods and foraminifers. Leader **J. Rodríguez-Lázaro**. In collaboration with Blanca Martínez, Ana Pascual.
- Environmental characterization of Miocene lacustrine systems of the Duero and Ebro basins: geochemistry of biogenic carbonates and palinology. Leader: **Pere Anadón** (Barcelona). In collaboration with and **Maite Martín** and others.

SWITZERLAND

Laurent Decrouy

I continue to work on responses of ostracod to past and modern environmental changes in Lake Geneva. Determination of fossil assemblages, population structures and valves geochemistry is under process for two cores collocated in two sub-basins of Lake Geneva, allowing a comparison between depleted and well oxygenated conditions to be done. We are also about to embark for Chilika Lake (Orissa, India), the second larger lagoon of the world to collect living ostracods and short cores. Concerning this, any help for species determination would be greatly appreciated. Please contact me if interested to collaborate.

Claudius Pirkenseer

I am currently still active as a freelance researcher at the University of Fribourg (Switzerland). Smaller current projects and contributions include Pleistocene to Holocene marine ostracods from a cold-water coral reef offshore North Norway (in coll. with **C. Stalder**, Univ. of Fribourg), Miocene marine and freshwater Ostracoda from the Jura Molasse (in coll. with **M. Havran**, NHM Fribourg), Miocene marine Ostracoda from Falun deposits in western France (in coll. with **B. Mennecart**, Univ. of Fribourg), Eocene marine Ostracoda from Gan, SW France (in coll. with **J.-P. Colin**) and still not yet completed, the Eocene marine Ostracoda from the Corbières, SW France (in coll. with **Robert Speijer**, KU Leuven).

Two contributions to larger papers are (respectively) in its final and initial stage of the publication process, the ostracod assemblage structure during the Pleistocene-Hoocene transition (see above) and freshwater ostracods from the Aquitanian Molasse vertebrate fossil site of Wallenried (Switzerland).

THAILAND

Anisong Chitnarin

Explore the Permian ostracods in central and northeastern Thailand for interpretation of the Paleotethys of mainland Southeast Asia. I plan to work in the northern and southern regions of the country in the future.

TURKEY

Okan Külköylüoğlu

We are still working on both field and laboratory for the ostracods' ecology, distribution and biology. Especially, we focus on estimating tolerance and optimum levels of Ostracoda in relation to climatic changes in Turkey. For the last two years (now July 2013) we increased our sampling areas more than 20 areas (cities) of Turkey where we now have about 4500 of samples with

ecological data. This includes different aquatic bodies. Also, one of our interests is the cave fauna. Turkey has more than 40000 caves. However, there is very small and limited information about 1-2% of them. This study also includes genetic and molecular works. Nowadays, we prepare manuscripts on it. Additionally, we also focused on the fauna of ostracods at high elevations. During 2013, we would like to collect about 600 more samples. In the laboratory, we have three long-term ongoing studies. I have now 2 PhD and 3 MSc. students (**Necmettin Sarı, Mehmet Yavuzatmaca, Sinem Yılmaz, Ozan Yılmaz, Meriç Tanyeri**), but there will be three more foreign students from other countries beginning from September 2013. I strongly suggest to the students and colleagues to visit my laboratories and university if they consider doing cooperative works that we all need.

UNITED KINGDOM

John Athersuch

I continue to study ostracods of all ages from all over the world in the course of my work at StrataData Ltd which includes hydrocarbon exploration, geohazard and archaeological studies. I have a particular interest in the Pleistocene - Recent of the Caspian Sea. No time for academic work - maybe that will come later. I am pleased not to be in the obituary section!

Ian Boomer

He is currently Director of the new MSc course in Applied & Petroleum Micropalaeontology at University of Birmingham. www.birmingham.ac.uk/msc-micropalaeontology also on [Facebook](#). In addition, he continues to have interests in Quaternary ostracods from UK, Late Quaternary of the Aral, Caspian and Black seas and early Jurassic worldwide.

Recent new projects include geoarchaeology of marginal marine and offshore environments of Qatar using foraminifera and ostracods. He has also had some success in recovering presumed groundwater-dwelling ostracods from filter systems attached to private groundwater supply systems in NW Scotland.

Michael R. Frogley

I have recently begun to re-engage with issues surrounding Balkan biodiversity, having been invited to explore the use of morphometric imaging techniques on ancient lake faunas with **Finn Viehberg** (University of Cologne).

Jonathan Holmes

I continue to work on the ecology and chemistry of ostracods, mainly from non-marine environments. The following projects are ongoing:

- Climate variability over the circum-Caribbean region during the past 1200 years from oxygen-isotope analyses of lake sediments (funded by the UK NERC; collaborative with **Michael Burn**, UWI Jamaica, and others)
- Middle Pleistocene environments of the Sussex coastal plain reconstructed using ostracod palaeoecology and shell chemistry (with **Dave Horne**, QMW, **John Whittaker**, NHM, **Matt Pope**, UCL, **Martin Bates** UWL)
- Marine isotope stage 11 palaeoenvironments of eastern England based on ostracod palaeoecology and shell chemistry (with **Dave Horne**, QMW, **John Whittaker**, NHM, **Tom White**, Cambridge)
- Response of ostracod faunas to the 8200-year cooling event in Ireland (MSc student **Anna March**)
- Ostracods and marine intrusion, coastal Jamaica (MSc student **Wijittra Lowaleard**: collaborative with **Suzanne Palmer**, UWI Jamaica)

David J. Horne

I continue to have research interests in ostracods of all ages and from all environments, but with a particular focus on Quaternary nonmarine ostracods as palaeoclimatic proxies. *OMEGA* (Ostracod Metadatabase of Environmental and Geographical Attributes), introduced in a workshop at the EOM in Graz in 2011, is being developed with support from the EU FP7 BioFresh project. I attended the International Paleolimnology Symposium in Glasgow (August 2012) and the Geological Society of America meeting in Charlotte, North Carolina (November 2012); at the latter I assisted **Alison Smith** in running a short course on Northern Hemisphere Quaternary & Modern Non-Marine Ostracoda: Developing Research Initiatives. A highlight of 2012 was the completion and publication of a book project, co-edited with **Jonathan Holmes**, **Julio Rodriguez** and **Finn Viehberg**: *Ostracoda as proxies for Quaternary climate change*.

I am currently supervising two PhD students at QMUL: **Ginny Benardout**. Quantifying Quaternary climate change: testing micropalaeontological proxy methods for palaeotemperature estimation. Co-supervised by **Simon Lewis** (QMUL) and **Steve Brooks** (The Natural History Museum). Started 2010.

Michaela Radl. Palaeoecological applications of saltmarsh meiofauna to understanding saltmarsh development and management. Co-supervised by **Rob Hughes** (QMUL, School of Biological and Chemical Sciences). Started 2011. I will supervise a new student starting in September 2013: **Anna March**. Climate variability during MIS11 in Britain. Co-supervised by **Simon Lewis** (QMUL) and **Jonathan Holmes** (UCL). Started 2013.

Giles Miller

I continue to manage the micropalaeontological collections at the Natural History Museum in London and cover all microfossil groups now including the fossil ostracods. I have not done any ostracod related research recently but I would like to draw attention to a blog that I run on the NHM web site that highlights the micropalaeontological collections here and their applications. Ostracod related news is often published there for example I posted on the science that is supported by Richard Dingle's collection that was recently donated to us:

<http://www.nhm.ac.uk/natureplus/blogs/micropalaeo/2012/08/10/large-donation-of-small-things-helps-answer-big-questions>

a visit to the collections to expand the MOTR database that uses non-marine ostracod occurrences to reconstruct past air temperatures:

<http://www.nhm.ac.uk/natureplus/blogs/micropalaeo/2012/08/29/museum-ostracod-collections-indicate-past-climates>

what ostracods and other microfossils tell us about the earliest humans in Britain:

<http://www.nhm.ac.uk/natureplus/blogs/micropalaeo/2012/11/14/what-do-microfossils-tell-us-about-early-humans-in-britain>

and finally a post on "when microfossils meet dinosaurs"

<http://www.nhm.ac.uk/natureplus/blogs/micropalaeo/2011/09/12/when-microfossils-meet-dinosaurs>

I'd encourage all micropalaeontologists to subscribe to updates to the blog. A new post is published roughly every three to four weeks. A subscribe link is available on any of the posts highlighted above. You can also follow us on Twitter [@NHM_Micropalaeo](#) or [@cgilesmiller](#).

UNITED STATES OF AMERICA**Carlos Andrés Alvarez Zarikian**

I am working on various paleoceanographic projects based on deep sea Cenozoic ostracods from Integrated Ocean Drilling Program sites ranging from the Paleocene to the Quaternary and from the South Pacific to North Atlantic regions. In the South Pacific, I am finalizing a study on the taxonomy, biostratigraphy and assemblage composition and paleoceanographic significance of ostracods from the most ultraoligotrophic region of the world oceans. In the North Atlantic, I finalized a study on late Quaternary ostracods associated with deep water formation in the subpolar region, and in the Gulf of Cadiz I am working on ostracod assemblage variability associated with Mediterranean Outflow Water since the late Miocene to the Pleistocene. I continue to coordinate and implement scientific expeditions for the Integrated Ocean Drilling Program (IODP). From July 29 to September 20, 2013, I am

implementing an expedition to the Japan Sea that will study the effects of the uplift of the Himalaya and Tibetan Plateau on the East Asian Monsoon. In relation to the scientific objectives of the expedition, I will study the effects of the Asian Monsoon and deep water ventilation variability in the Japan Sea on ostracod assemblages.

I am also supervising one graduate student on a project on abyssal benthic foraminifers from the Bering Sea.

Joan Bunbury

- In August 2012 I joined the Department of Geography and Earth Science at the University of Wisconsin – La Crosse as an Assistant Professor. In the summer of 2013, I will revisit ~45 lakes in Wisconsin, Minnesota and northern Iowa that were sampled by **Alison Smith** and **Rick Forester** in the late 1980s and early 1990s to assess changes in the ostracode assemblages. I intend to investigate the relationship between ostracodes and their environment, develop a training set, and use it in the future to quantify hydroclimatic change in the region.
- In November 2012, I attended at the Geological Society of America Meeting in Charlotte, North Carolina where I presented “Reconstructing temperatures during the Younger Dryas using a freshwater ostracode training set from lake sediments in the Canadian North” in collaboration with **Dave Horne** and **Ginny Benardout**. I also attended the “Research Initiatives in Northern Hemisphere Quaternary Non-Marine Ostracoda” workshop organized by **Alison Smith** and **Dave Horne**.
- I am currently collaborating with **Ginny Benardout** and **Dave Horne** comparing proxies and reconstruction methods.

Anne C. Cohen

Jim Morin and I still plan to publish on some more new genera of Cypridinidae, and I also plan to publish some more species descriptions from my dissertation. I look forward to having time for that.

I am an Honorary Fellow of the California Academy of Sciences, San Francisco, CA

Gene Hunt

This year, I have continued to work on evolutionary patterns within the deep-sea genus *Poseidonamicus*, with a paper forthcoming in the journal *Methods in Ecology and Evolution*. In addition, I have continued the initial stages of a project examining sexual dimorphism in Late Cretaceous ostracodes with **Mark Puckett**.

Emi Ito

She is deciphering the paleohydrology of Lake Tiberias with colleagues at the Israeli Geological Survey and with **Steffen Mischke**. Several students are involved. Study includes sampling of modern environments, focused on springs, to continue the calibration of *Cyprideis torosa*. Water and shell chemistry (elemental and stable isotopes) as well as species assemblage are being analyzed for each sampling location.

Larry Knox

I am working on sexual dimorphism, precocious sexual maturity, and heterochrony in Permian hollinellid ostracodes.

Mark Puckett

I am currently working with **Jean-Paul Colin** on the evolution of the Cretaceous brachycytherine ostracodes and its relationship to the breakup of Pangea. We hope to finish the first draft of the manuscript by this fall.

Working with **Jean-Paul Colin** and with **Simon Mitchell** of the University of the West Indies, I recently published a paper describing 25 new species of marine ostracodes from the Maastrichtian of Jamaica. These data and others confirm that Jamaica was attached to southern Mexico during the Late Cretaceous and began rifting towards its present location during the Eocene. An image of one of the little beauties found there, *Floricythereis exquisita* found its way on the cover of this CYPRIS issue. In March, 2013, I gave a presentation on this research at the North American Micropaleontological Section of the Society of Economic Paleontologists and Mineralogists conference in Houston, Texas, on Problem Solving with Microfossils III: "Ostracodes and plate tectonics: a case from the latest Cretaceous of the Caribbean Region: North American Micropaleontological Section". I also published a paper on the geographic significance of muscle scars in some ostracodes. (See Bibliography):

Alison J. Smith

This year I had the pleasure to work with **Dave Horne**, **Finn Viehberg**, and **Renate Matzke-Karasz** in two workshops on the subject of taxonomic harmonization and research initiatives: one workshop was a session held at the IGOM in Köln, and the other was a day-long workshop at the National Geological Society of America Meeting in Charlotte, North Carolina. Overall, we had about 40 ostracodologists from 9 countries attending these workshops, and it was truly a pleasure for me to meet so many fellow workers and hear all the ideas put forward to improve opportunities for international collaboration! These ideas are summarized in the report from the workshops (and the 2011 workshop in Graz held during the EOM), which is posted on the IRGO website and can also be found here:

<http://www.personal.kent.edu/~alisonjs/NHWorkshops/>

I continue to work on North American nonmarine ostracodes, Pliocene to Recent, and have now uploaded the NANODE database to a larger public access database, NEOTOMA (www.neotomadb.org).

Anna Stepanova

- I continued working on Equatorial Pacific deep-water ostracods from ODP Leg 202. Near-surface samples were studied from 8 sites, and one site selected for the downcore study (ODP site 1238). Ostracod assemblages reflect glacial-interglacial variability in surface productivity and bottom water oceanographic conditions. The manuscript will be soon submitted for publication and also presented at ISO17 in Rome.
- I started to work on the Laptev Sea site PS2458 from the eastern continental slope (983 m depth). The core dates back to 17.6 cal.ka. Several intervals characterized by different ostracod assemblages were distinguished. The 1st results will be presented at ISO17 meeting in Rome.
- The manuscript on 5 cores from the shelf and upper slope of the Laptev and Kara seas was finally published. (*see Bibliography*)
- Deep sea core from the Arctic Ocean, Mendeleev ridge, AF07-31 (depth 2280 m, MIS 1-6) was studied. 3 different intervals with ostracods were distinguished.
- I participated in the study of core section GS194-08-1, water depth 7.4 m (Northern Caspian Sea). Three intervals corresponding to different environments and characterized by different ostracod and foraminifer assemblages were distinguished. The manuscript was accepted to be published in the Russian journal of Oceanography later in 2013.

OMEGA:**Ostracod Metadatabase of Environmental and Geographical Attributes**by **David J. Horne**

OMEGA is a growing global dataset of nonmarine ostracod records, with applications in palaeoclimate, biodiversity and biogeography research, combining regional datasets and harmonising their taxonomy (Horne et al., 2011). OMEGA will be realised through international collaboration and sharing of regional ostracod databases such as NODE, NANODE in the USA and the Delorme database at the Canadian Museum of Nature. The development of OMEGA is supported by the EU-funded BioFresh project. The first OMEGA dataset, covering North America and Europe, will be made available through the BioFresh portal by the end of 2013, and also through Neotoma. An associated Citizen Science project assists with checking, correcting and validating the geographical coordinates of sites where ostracod species have been recorded.

Reference: Horne, D.J., Curry, B.B., Delorme, L.D., Martens, K., Smith, A.J. & Smith, R.J. 2011. *OMEGA: the Ostracod Metadatabase of Environmental and Geographical Attributes*. *Joannea Geologie und Paläontologie*, 11: 80-84.

Links:

- BioFresh: <http://www.freshwaterbiodiversity.eu/>
- NANODE: <http://www.personal.kent.edu/~alisonjs/nanode/>
- Canadian Museum of Nature: <http://nature.ca/en/research-collections>
- Neotoma Paleocology Database: <http://www.neotomadb.org/>

Citizen Science project:

- <http://www.geog.qmul.ac.uk/research/trics/>
- <http://scistarter.com/project/704-OMEGA-LOCATE?tab=project>

WikiSpecies

by **Eugen K. Kempf**

Within the database workshop of IGOM 2012 I tried to convince the audience of the usefulness of "WikiSpecies", and that not instead of the "Kempf Database Ostracoda", but in addition to it.

Contrary to all other internet databases: "WikiSpecies" is a Wiki!

Everyone who has created an account may add, delete, alter, deteriorate, or improve the contents. But: Every single activity is documented with author and a time stamp. Wrong contents are correctable. "WikiSpecies" aims at the goal to contain all animal and plant taxa some time in the future, not only species, but also genera, tribes, subfamilies, families, etc.

With any browser software you may get access to "WikiSpecies". Similar to pages of "Wikipedia", "WikiSpecies" pages are amongst the first results, as the Wikimedia project "WikiSpecies" is a daughter project of "Wikipedia".

As far as Ostracoda are concerned you may google:

for a family, e.g.: [wikispecies cyprididae](#)

and you will get the page: species.wikimedia.org/wiki/Cyprididae with its contents

for a genus, e.g.: [wikispecies cytherella](#)

and you will get the page: species.wikimedia.org/wiki/Cytherella with its contents

for an author, e.g.: [wikispecies müller](#)

and you will get the page: species.wikimedia.org/wiki/G._W._Müller with its contents.

You will see that this page lists some personal data, some references to publications and to G. W. Müller's biography. Most references show a blue PDF link which leads you directly to an internet address from where the original publication may be downloaded.

During the last months I established about 450 such pages for present or past ostracodologists that are authors of ostracod taxa. Perhaps, there is also a page with your name. You may use it for entering references to your own publications.

Of course, within the "WikiSpecies" database many things are linked with each other. There are two kinds of links. Blue-coloured links are the 'good' ones; they will lead you to a page or place with additional information. Red-coloured links are the 'bad' ones, as the red colour informs you that the page or information you would like to link to is not yet existing. Red links may inspire to fill those gaps within "WikiSpecies".

On a family page you will find links to genera and higher taxa.

On a genus page you will find links to species and higher taxa.

On a species page you will find links to all higher taxa.

Contrary to nearly all other internet databases, primary and additional references are cited, often with links to downloadable PDF files.

Within the 'NAME' section of each species, detailed information on the type locality and, if fossil species are concerned, on the type horizon may be presented.

"WikiSpecies" as a content management system is a full-text database.

Therefore, as within each "WikiSpecies" page exists a search window, you may, for instance, search for:

ostracoda australia You will get a list of all ostracod taxa already present in "WikiSpecies" with the mentioning of 'Australia' on their special wikispecies page.

ostracoda atlantic You will get a list of all ostracod taxa already present in "WikiSpecies" with the mentioning of 'atlantic' on their special wikispecies page.

ostracoda ocean You will get a list of all ostracod taxa already present in "WikiSpecies" with the mentioning of 'ocean' on their special wikispecies page.

ostracoda müller You will get a list of all ostracod taxa already present in "WikiSpecies" with the mentioning of 'müller' on their special wikispecies page.

ostracoda "water depth" You will get a list of all ostracod taxa already present in "WikiSpecies" with mentioning "water depth" on their special wikispecies page.

ostracoda 2012 You will get a list of all ostracod taxa already present in "WikiSpecies" with mentioning "2012" on their special wikispecies page.

The results are depending on information that is given under "type locality" or cited "primary references" or "additional references".

Within "WikiSpecies" it is also possible to define CATEGORIES.

Existing categories (shown as blue-coloured links in the baseline of pages) are, for instance:

Category: Taxon authorities

Category: Zoologists

Category: Palaeontologists

Category: Micropalaeontologists

Category: Ostracodologists

Category: Deep Sea Ostracoda

and many more ...

It is also a very fast medium. New taxa from certain journals, like Zootaxa, ZooKeys, etc., will be included in "WikiSpecies" within a few days. See, for instance, the page of *Vestalenula carinata* Pinto et al., 2013

Only in this online database it is possible for everyone to correct mistakes. For instance, the term "Podocopa" was coined and defined by G.O.Sars in 1866, and also the later term "Podocopida" has to be attributed to G.O.Sars, 1866, as it is done in other cases, too. But even in publications of ostracodologists of recent years you will find "Podocopa G.W. Müller, 1894" or "Podocopida Müller, 1894".

It is worthwhile to have a look at "WikiSpecies", use it, and contribute to that system. The formatting of species pages is not so difficult. To learn its secrets, you should copy a "WikiSpecies" page, as it appears on the screen. Then you should click on the "Edit" button and a new window will open. Copy the contents of that window and go back to the previous page without changing anything. By comparing the two copied pages you will learn what is necessary to get "bold" or "italic" type faces, "capitalized author names", "links", etc. Somewhat more complicated are "templates" that are used within what is called "Taxonavigation", etc. But it is worth the effort.

In my opinion "WikiSpecies" is the Internet Online Database that will become more and more useful for taxonomists and their scientific work.

Report on 14th International German Ostracodologists' Meeting**by Peter Frenzel, Renate Matzke-Karasz & Finn Viehberg**

IGOM Cologne 2012 – “The Recent and Fossil Meet Kempf Database”
(October 11.-14.2012)

The regular meetings of German speaking ostracodologists are usually rather small conferences, taking place on a yearly basis to strengthen the network of participating researchers. Especially newcomers benefit from these events by personally meeting, and talking to, old stagers of ostracodology. In general, conferences of ostracodologists are interdisciplinary in that palaeontologists and biologists of a multitude of working fields come together to discuss their actual research on Ostracoda.

The 2012 German meeting, number 14 of its kind, added a new spice to the dish. Supported by funds of the German Research Foundation DFG, **Finn Viehberg** (Universität zu Köln) und **Renate Matzke-Karasz** (LMU München), together with the newly founded *Society of Friends of the International Research Group on Ostracoda e.V.*, invited the entire ostracodologists' community to join the International German Ostracodologist's Meeting (IGOM) in Cologne.

Ultimate cause for the exceptional format was the 80th birthday of **Eugen Karl Kempf**, nestor of German ostracod science. Among ostracodologists, Prof Kempf is renowned for the always close-to-complete relational database of ostracod literature, the *Kempf Database Ostracoda KDO*, which was started in the early 1960ies already. The multitude of spin-offs (books and CDs) are often referred to as the Kempf Index. Any information request sent to Eugen privately or via *OSTRACON*, the community's discussion list, was and still is being replied by Eugen in his typical, competent, and all-embracing manner. Beside, the meanwhile well-established regular meeting of German speaking ostracodologists has been launched by Eugen in 1988 in Cologne.

Consequently, the motto of IGOM 2012 was „Fossil and Recent meet Kempf Database“. Following the special expertise of Prof Kempf, the main topic of contributions was databases. Emphasis was given on problems around merging existing smaller regional databases on ostracod (palaeo)ecology from both sides of the Atlantic to create a bigger pool of information, eventually to be used for solving problems around climate changes in past, present and future.

Three of five plenary talks, presented by **Brandon Curry** (USA), **Dave Horne** (UK) und **Alison Smith** (USA) dealt with database issues, while two others, given by **Koen Martens** and **Isa Schön** (Belgium), informed us on models of

speciation in ancient lakes and on the potential of up-to-date genetic investigations in ostracods.

Altogether 22 talks and 18 posters presented new insights into taxonomic, genetic and (palaeo)ecologic studies in Ostracoda, clearly focusing on Quaternary to Recent faunas. Of the total of 64 participants, more than half came to Cologne from abroad.

Finn Viehberg and **Burkhard Scharf** (Bremen) led the conference field trip to the *Laacher See*, famous lake in the Eifel volcanic region, southwest of Cologne. Geological explanations as well as demonstration of limnological techniques and sediment core probing completed the conference by some practical exchange. A guided visit to the almost 1000-year-old Laach monastery nearby finally added a historical - and clearly meditative - aspect before participants said farewell.

IGOM 2012 was a big success – instructive and innovative, in a very inspiring atmosphere. Extended abstracts of conference contributions are to be found in the journal *Kölner Forum für Geologie und Paläontologie* (21/2012). A conference proceedings volume is scheduled for 2013 within the journal *CRUSTACEANA*.

Many participants of IGOM expressed their hope that the positive and creative spirit of IGOM will be kept alive so that it can be further developed during the **17. International Symposium on Ostracoda** in July 2013 in Rome.

Some links to mentioned conferences, societies and other ...

17th ISO in July 2013 in Rome: <http://www.iso17.unipr.it>

Kempf Database Ostracoda: <http://www.ostracoda-on.tripod.com>

IRGO: <http://www.irgo.uni-koeln.de>

Society of Friends of IRGO: <http://www.support-irgo.net>

Ostracon, the discussion list: <http://www.irgo.uni-koeln.de/OSTRACON>

Sanad A.M. Al-Khashab: I would be grateful to receive any papers or pdf papers about Triassic-Cretaceous ostracoda, especially from Africa, South America, Asia and Australia.

John Athersuch: Reprints of papers on the Caspian Sea and Deep Sea ostracods worldwide of interest

Simone Nunes Brandão: For the work on the World Register of Marine Species (<http://www.marinespecies.org/>), I would like to receive pdfs of publications and lists of new taxa described, new combinations and changings in the taxonomic classification.

For the work on World Register of Marine Species and Encyclopedia of Life (through the Ostracoda Lifedesk), I would be happy to receive images and videos of ostracods, as soon as the owner is happy to have these data uploaded to and made freely available to everybody in the web through both websites.

Eugen K. Kempf: It would be of great help for the work on the “Kempf Database Ostracoda”, if ostracodologists would send copies or PDF files of their publications soon after publication. Not only papers with new taxa are wanted, but all publications dealing somehow with Ostracoda.

Okan Külköylüoğlu: I will be happy to see more evolutionary and ecological works on ostracods. Also, as pointed out in Graz, we are a small family. Therefore, we need to treat each other as if a family member. However, for the couple of years (if not all) what I have been facing is not suitable for a family. This is especially about the manuscripts reviewed by our ostracodologists. There is no controversy that constructive comments and suggestions are necessary for any scientific manuscripts. However, editors and/or reviewers should not threat authors differently and should not push any others publications to add or delete from the manuscript. They can only suggest those of additional papers but again should not force authors to use others. I have been faced with a threat of editor(s) to add and use article(s) in some of our papers. I am told that if these papers are not added, our manuscript (which is already accepted by the journal) will not be published. Anyway, this should not be the case among us but happened. Besides, I feel that reviewers do not have objective comments and judgments about our papers. I request that reviewers should help to others who can also be reviewer for the reviewers.

Note: I am open to any cooperative works for future. Especially, extreme habitats are so important since they are extreme (e.g., hot springs). I also invite any students, colleagues and others to visit our university and laboratories.

Ping Peng: I would be grateful to join in cooperation work on Ostracoda database to contribute Recent ostracod data of the Tibetan Plateau.

Genera

- *Bertorsonidra* Rosso, Sciuto & Sinagra, 2010
- *Floricythereis* Puckett & Colin
- *Kroemmelbeincypris* Poropat & Colin
- *Leiocythereis* Puckett & Colin
- *Phrixocythere* Puckett & Colin
- *Pircawayra* Salas, Rustán & Sterren 2013
- *Sineruga* Perrier 2012
- *Spinicytheridea* Puckett & Colin
- *Systemobythere* Warne and Whatley, 2013

Species

- *Acanthocythereis inouei* Yamaguchi, 2012
- *Amphicytherura grandicribra* Puckett & Colin
- *Amphicytherura occulta* Puckett & Colin
- *Anchistrocheles seguenzai* Sciuto & Pugliese, 2013
- *Aysegulina chapeltonensis* Puckett & Colin
- *Aysegulina riominhoensis* Puckett & Colin
- *Aysegulina sagitta* Puckett & Colin
- *Aysegulina ventrocurva* Puckett & Colin
- *Bairdia takfaensis* Chitnarin et al., 2008
- *Brachyocythere hamaicaensis* Puckett & Colin
- *Buntonia nana* Puckett & Colin
- *Buntonia vulgaris* Puckett & Colin
- *Bythocypris antoniettae* Sciuto, 2012
- *Bythocythere mylaensis* Sciuto, 2009
- *Bythocythere solisdeus* Sciuto, 2012
- *Cytherelloidea guineaornensis* Puckett & Colin
- *Cytheropteron eleonora* Sciuto, 2012
- *Cytheropteron italo* Sciuto, 2012
- *Cytheropteron rossanae* Sciuto, 2012
- *Eocytheropteron hazeli* Puckett & Colin
- *Eocytheropteron jamaicaensis* Puckett & Colin
- *Eocytherura mitchelli* Puckett & Colin
- *Floricythereis exquisita* Puckett & Colin
- *Frambocythere relict* Smith et al.
- *Frambocythere tumiensis zagrosensis* Colin et al.
- *Geffenina bungsamphanensis* Chitnarin et al., 2008
- *Geffenina mariebeatriceae* Chitnarin et al., 2012
- *Geffenina posterodorsospina* Chitnarin et al., 2012

- *Hemiparacytheridea exquisita* Puckett & Colin
- *Langdaia meesooki* Chitnarin et al., 2012
- *Leiocythereis polita* Puckett & Colin
- *Loxoconcha pindarensis* Puckett & Colin
- *Microcoelonella takfaensis* Chitnarin et al., 2012
- *Microcoelonella takliensis* Chitnarin et al., 2012
- *Neocytheromorpha priscipacifica* Yamaguchi, 2012
- *Ovocytheridea rotunda* Puckett & Colin
- *Phlyctocythere sicula* Sciuto & Pugliese, 2013
- *Phrixocythere unionensis* Puckett & Colin
- *Pterygocythereis babinoti* Puckett & Colin
- *Reviya subsompongensis* Chitnarin et al., 2008
- *Samarella sonei* Chitnarin et al., 2012
- *Samarella viscusforma* Chitnarin et al., 2012
- *Sargentina chantarameei* Chitnarin et al., 2012
- *Sargentina phetchabunensis* Chitnarin et al., 2008
- *Schizoptocythere nana* Puckett & Colin
- *Schizoptocythere pinna* Puckett & Colin
- *Schuleridea exigua* Puckett & Colin
- *Sergipella grosdidieri* Do Carmo et al.
- *Sergipella viviersae* Do Carmo et al.
- *Sineruga insolita* Perrier, 2012
- *Spinicytheridea compta* Puckett & Colin
- *Systemobythere archboldi* Warne and Whatley, 2013

Sara Ballent (1950-2011)

by **Lydia Calvo Marcilese, Ana Paula Carignano & Juan Pablo Pérez Panera**

We would like to dedicate these warm words to our dear friend, teacher and advisor Dr. Sara Ballent, or as called by her closest, Sarita. Born in the city of Tandil, Argentina, she was an expert in Jurassic calcareous microfossils of Argentina. In the year 1976, she



obtained a degree in Geology at the Facultad de Ciencias Naturales y Museo, Universidad Nacional de La Plata. A year later she got a specialization on Petroleum Engineering. Her first steps with her beloved ostracods and foraminifers were made on the YPF Geological Laboratories, between 1977 and 1980. After that period, she completed her PhD in Natural Sciences at the Universidad Nacional de La Plata in 1985. During her fertile career at the National Research Council of Argentina (CONICET), she worked with many colleagues from Argentina and other countries, like Ecuador, Brazil, Spain and Wales; kindly sharing her knowledge and experience. Sarita was a devoted and respected professor in Micropaleontology at the Facultad de Ciencias Naturales y Museo, always open to the student's needs and inquiries, offering her wisdom, time and reference library.

Her research line was about Mesozoic biostratigraphy, paleoecology and paleobiogeography of marine ostracods; but owner of a giant curiosity, she always found time to work with a variety of calcareous microfossils from different age and places. Tireless, she organized several scientific meetings, dictated many postgraduate courses, and published about 50 articles in professional journals, as well as eight chapters in specialized books. In addition, she was part of the Editorial Committee of the journal *Ameghiniana* for 11 years, and was the supervisor of many PhD theses. Always cheerful, owner of a bright smile, she loved spending time at her

beautiful garden surrounded by her four lovely dogs and the flowers she proudly took care of. She dedicated most of her time to her husband and four kids, whom were constantly by her side supporting her in every project she began.

After two years of her disappearance we are still missing her like the first day, and it represents both a huge personal and academic loss.

Arnold Rabien (1918-2011)

by **Helga Groos-Uffenorde**

For many years he worked with great enthusiasm on Devonian ostracodes and biostratigraphy in particular to help the colleagues of the Geological Survey of Hessen mapping in the Eastern Rhenish Slate Mountains to understand the complicated geology and tectonics.

His thesis 1954 still is (and presumably will stay in the future) the international standard for detailed Late Devonian stratigraphy with entomozocean ostracodes in pelagic facies.

He was a very kind and modest colleague. He did not come to our Ostracodologists meetings, because he thought of not being able to speak english.

Arnold Rabiens comprehensive knowledge of Devonian and Early Carboniferous ostracodes and the biostratigraphy and geology of the Eastern Rhenish Schiefergebirge will be missed.



Karl Zagora (1938-2011)by **Helga Groos-Uffenorde**

Karl Zagora began his studies on Devonian tentaculites and ostracods of the Thuringian Mountains. The results of his thesis on latest Early Devonian ostracods (published in *Geologie, Beih.* 62/1968) is still a tool for international correlation.

After their theses at the University of Jena, Karl and Ingrid Zagora worked for the GDR Oil and Gas Company in Grimmen. Karl mainly studied Palaeozoic (Devonian to Permian of the Middle European Basin) sequences of deep drillholes in Vorpommern (Northeastern Germany) with focus on the

sedimentology and fauna as well as on porosity. A short summary of this work is given in the 'Schriftenreihe für Geowissenschaften 2, 1993'. Karl could not enjoy his retirement very much because of a severe but slowly growing illness. For many years his wife Ingrid took care of him in Grimmen, which was a very energy consuming work. When Karl was completely depending on a wheelchair they moved to a flat in Stralsund. Because of Karls severe illness they could neither attend the German speaking Ostracodologists Meetings after the Meeting in Albrechtsberg nor the Meetings of the Subcommittee on Devonian Stratigraphy.

The community of Palaeozoic ostracode workers and of the Devonian biostratigraphers have lost a warmhearted and open minded colleague and friend.

Karl Zagora (together with his wife Ingrid) explaining the Devonian succession of the Thuringian Mountains on the occasion of the first united German excursion in 1991.



Jean-François Babinot (1940-2013)by **Jean-Paul Colin**

After having worked on Miocene pectinids and other bivalves, Jean-François Babinot started to be involved in the study of Cretaceous ostracodes in 1966 and never stopped. The day before he died, he was at one of us home (JPC), working with on a revision of Deroo's type-Maastrichtian ostracode genera. He spent his whole scientific career teaching in the University of Marseille. He principally worked on Upper Cretaceous ostracodes (both marine and non-marine) from South-East France, and his work, dealing with taxonomy, biostratigraphy and paleoecology was, and still is a reference for Cretaceous workers on both sides of the Atlantic Ocean and of the Mediterranean Sea. Beside SE France, he also worked on Cretaceous ostracodes from the Tethyan realm (Greece, Yugoslavia, Jordan, Egypt), Madagascar and Senegal, Miocene ostracodes from Algeria, Spain, Turkey, Corsica and also sub-recent ostracodes from New-Caledonia and Mayotte. More recently he was actively working on a revision of the ostracodes from the Aptian stratotype, and he still had several projects in his mind.

We met Jean-François for the first time in 1970 during the Pau ISO, and our collaboration and friendship never ended. The first joint paper, with one of us (JPC) was in 1974 when he presented a paper on the genus *Sarlatina* during the Hamburg 5th International Symposium on Ostracoda. The first paper with all together (JPC, PC et al) was in 1991 on the environmental significance of the morphological variations on ostracoda during the Meeting of Paleontology, Lyon.

Jean-François participated to several ISO, European and ROLF meetings and many of us (ostracodologists) remember his other main skill, playing piano (especially in Houston in 1982 and Bierville in 1998).

His passing will leave a big gap in our community. We will tremendously miss him.



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