CYPRIS

2011

Number 29

Editor: Elisabeth Brouwers

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

CYPRIS

INTERNATIONAL OSTRACODE NEWSLETTER

NUMBER 29

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Editor

Elisabeth M. Brouwers, U.S. Geological Survey, MS 406, Box 25046, Federal Center, Denver, Colorado 80225 USA

CYPRIS (ISSN 0886-3806) is sponsored by the International Research Group on Ostracoda.

Research Activities

ARGENTINA

Maria Jose Salas

- I continued work on Ordovician ostracod faunas from Argentina, focusing on taxonomy, paleoecology and paleobiogeography.
- At present, I am dealing with early ostracods from Tremadocian and Floian successions from a northwestern basin of Argentina, and I have started to study the Devonian ostracods from the Precordillera Argentina.

AUSTRALIA

Michelle Guzel

Continues her studies on the Mesozoic Ostracoda of Western Australia.

Mark Warne

Mark Warne continues to work on Australian fossil Ostracoda. Projects include various taxonomic studies, as well as applied studies using ostracod proxy data to assess Late Cenozoic environmental change along the southeast Australian coastline.

AUSTRIA

Dan L. Danielopol

Scientific activities:

- Contribution to the organization of the 7th European Ostracologists' Meeting (EOM 7) Graz Institute of Earth Sciences, Geology and Palaeontology, 24-27.07.2011) and the Workshop "*Methods in Ostracodology II*" (Institute of Earth Sciences, Geology and Palaeontology, Graz (Austria), 29-31 July 2011). About this latter event, see the home page methods in Ostracodology II, Introduction, and programme (lectures to the module Geometric morphometrics, Demonstrator to the Module Dissection of ostracods) at http://palstrat.uni-graz.at/methods%20in%20ostracodology/workshop2.htm
- I am working on various ostracod groups from the long-lived palaeolake Pannon and from Recent groundwater habitats.

Claudia Dojen

- My research interests focus on the taxonomy, biostratigraphy, biogeography and palaeoecology of late Silurian to late Devonian ostracodes. I have worked on faunas from Germany, Spain, Nevada (USA), Turkey and Morocco.
- Future studies will include Paleozoic ostracodes from the Carnic Alps, as I just moved to Austria.

Wolfgang Mette

- I am presently working on Upper Triassic and Upper Permian ostracods and palaeoecologic studies in the Alps.
- My last research project "Marine microfossils, palaeocolimate and mass extinction in the Upper Triassic of the Alps" was finished in 2011.
- Another project on Upper Triassic (Rhaetian) microfossils in combination with stable isotope analysis and trace element analysis is planned for 2013.
- In review: W. Mette, A. Elsler, and C. Korte, Palaeoenvironmental changes in the Late Triassic (Rhaetian) of the Northern Calcareous Alps: Clues from stable isotopes and microfossils: *Palaeogeography, Palaeoclimatology, Palaeoecology*.

Irene Zorn

- Irene worked on Miocene ostracods from Austria. She collaborated with a team working on a 2.5 km long road construction transect with Karpatian sediments of the Korneuburg Basin. Twenty marine species could be documented which mirror an epineritic environment. (Poster presentation during the Congress of the Palaontologische Gesellschaft in Vienna).
- She started with the examination of Middle Miocene limnic ostracods from the intramontane Alpine Aflenz Basin in Styria. (Poster presentation during EOM 7 in Graz).

BELGIUM

Koen Martens, Isa Schon

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 ostracod-related topics:

- **Lynn Vandenbroeke**, Univ. Ghent, Belgium: DNA repair in nonmarine ostracods

Master or honour students on ostracod-related topics:

- Master student: **Els Van Mulken**, Univ. Ghent, Belgium: Morphological studies of *Cytherissa* from Lake Baikal
- Honour student: **Rylan Shearn**, Edith-Cowan University, Perth, Australia: Evolution and diversity of *Bennelongia* (Crustacea, Ostracoda) in Australia

Research topics in 2011:

- We continue to study taxonomy, phylogeny and ecology of nonmarine ostracods from the world, presently with focus on Australia (with **Stuart Halse** and **Annette Koenders**),

Africa, Italy (with **Valentina Pieri** and **Giampaolo Rossetti**), and South America (with **Janet Higuti** and **Ricardo Pinto**)

- 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 (Baikal, 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 **Dave Horne** (Mesozoic)
- The effect of transposable elements on ostracod evolution (with **Irina Arkhipova**)
- Taxonomic revision of the Australian genus *Bennelongia* (with **Stuart Halse, Patrick De Deckker** and **Annette Koenders**) (Australian ABRS and ECUi grants)
- Some non-ostracod rerlated activities include:
    - Koen is editor-in-chief of *Hydrobiologia* and the *Euoropean Journal of Taxonomy,* and 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*, vice-president of BeWiSe, the association of Belgian Women in Science, treasurer of EPWS, the European Platform of Women Scientists, and board member of the Royal Belgian Zoological Society.

Karel Wouters

I am retired, but still active (part-time) in ostracod research. In 2011:

- Preparation of a checklist of marine, freshwater, and brackish Ostracoda of The Netherlands (publication in preparation)
- Cataloguing freshwater ostracods of Belgium in the collections of the RBINS, Brussels (collections of **Dom R. Rome** and myself)

BRASIL

Lucas Silveira Antonietto

- Currently working on his Ph.D with **Dr. Dermerval do Carmo** on ostracodes from the Brazilian Alagoas Stage (Aptian-Albian) in the Sergipe-Alagoas basin, northeastern Brazil, in taxonomic and paleoenvironmental research.
- He develops research in the same stage in the Araripe basin, and inside the OSTRAKi Project, in association with PETROBRAS S/A.

Cristianini Trescastro Bergue

Research on the taxonomy of Cretaceous and Cenozoic marine ostracodes.

Joao Carlos Coimbra

In 2011, I was working mainly in the following projects:

- Continued my long-term project on the taxonomy and zoogeography of Brazilian marine ostracodes, including oceanic islands (Atol das Rocas, Trindade Island, Martin Vaz Island, Saint Peter and Saint Paul Rocks, and Archipelago of Fernando de Noronha) with **Ana Luisa Carreno, Maria Ines Feijo Ramos, Claudia Pinto Machado**
- Southwestern Atlantic Quaternary palaeoceanography based on calcareous microfossils (ostracodes, foraminifers, and coccoliths), stable isotopes, and trace elements, with **Cristianini Trecastro Bergue** and **Maria Alejandro Gomez Pivel**
- Nonmarine Cretaceous ostracods from Potiguar Basin, NE Brazil; project headed by **Dermeval A. do Carmo**
- Taxonomy and zoogeography of the genus *Elpidium* (found only in water accumulations in epiphytic bromeliads) in Brazil; project headed by **Ricardo Pinto**

PhD students:

- **Adriana Leonhardt** concluded (in July 2010) a quite interesting and innovative study of palaeoceanography (based on calcareous nannofossils and stable isotopes) of drill holes from Santos Basin, southern Brazil (co-advised by **Felipe Toledo**)
- **Fernando Erthal** is finishing a wonderful work on taphonomy of Holocene marine mollusks from the Brazilian continental shelf (co-advised by **Carla B. Kotzian**)

M.Sc. students:

- **Lisandro Sartori** finished her M.Sc. thesis entitled "*Late Quaternary diversification patterns and faunistic turnover (Ostracoda) through the well G-77, Campos Basin, Brazil*" in August 2011.
- **Silvia Bottezini** is finishing a study on marine ostracodes from Saint Peter and Saint Paul Rocks.
- **Mathias do Nascimento Ritter** and **Sandro Monticelli Petro** are starting their M.Sc. in March 2011, the first one on coastal mollusk taphonomy and the second one on Quaternary paleoceanography based on planktic foraminifers ands stable isotopes.

Dermeval A. Do Carmo

- He is the vice-director of the Institute of Geosciences, head of the Laboratory of Micropaleontology and curator of fossil collections from Museum of Geosciences at the Institute of Geosciences, University of Brasilia, UnB. Since 2009, as chairperson, he is engaged on the 16th International Symposium on Ostracoda held in Brasilia. He is working with **Prof. Koen Martens** (Royal Museum, Brussels) and **Dr. Ricardo L. Pinto** (University of Brasilia) on the proceedings.
- With **Dr. Jean-Paul Colin** (University of Lisbon) he is working on trachyleberidids of Lower Cretaceous from Brazil and Africa.
- He is working with Lower Cretaceous limnic odstracods 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. Whatley** (University of Wales)
- In 2012, two ostracodologists are working with him in the Laboratory of Micropaleontology at the Institute of Geosciences:
    - **Dr. Ricardo Lourenco Pinto** became a permanent lecturer of staff at the University of Brasilia. His expertise on Recent ostracodes will improve the integration between studies on fossil and Recent ostracodes.

- **Lucas S. Antonietto** became a permanent member of the staff at the University of Brasilia. On March 2011 he will start his Ph.D with Lower Cretaceous ostracodes from Sergipe/Alagoas basin.

- He is supervising one graduate student and several undergraduate students.
  - Graduate student
    - **Lucas Silveira Antonietto**, Ph.D student, on Lower Cretaceous ostracods from Sergipe-Alagoas basin
  - Undergraduate students
    - **Rodrigo Rodrigues Adorno**, a geology student working on Cretaceous ostracodes from Pareceis basin
    - **Marcelo Vasconcelos Brandao**, a geology student working on Cretaceous ostracodes from Araripe basin
- Main research projects:
  - Atlas of ostracodes from Brazil—CNPq
  - States Alagoas, Jiquia 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 Neuquen Basin* (with **Andrea Concheyro**)

Silvia Regina Gobbo

- Working on continental Cretaceous ostracods, charophytes, and their biochronostratigraphic and paleoecological correlations.
- Interested in paleobiogeography, science communication, museology and museogeography, geosciences and biological education, paleontology, and evolution.

Jeanine de Lacerda Grillo

Study of non-marine Lower Cretaceous ostracods from Santos, Campos, Espirito Santo and Potiguar basins, Brazil, together with **Joao Villar de Queiroz neto, Ariany de Jesus e Sousa, Rozileide de Oliveira Lima Costa**, and **Roberto Pereira da Silva Junior**.

Janet Higuti.

- Biologist and tenured Researcher of the Centre of Research in Limnology, Ichthyology and Aquaculture (NUPELIA) of the State University of Maringa (UEM), Maringa, Parana State, Brazil.
- I have been working with Ostracoda since 2004 in the Parana floodplain, a project supported by National Council for Scientific and Technological Development (CNPq).

- At the moment, I am involved with five papers on ecology and taxonomy of Ostracoda supported by CNPq and Fundacao Araucaria. All projects are developed in Brazilian floodplains, Amazon, Pantanal, Araguaia and Parana.
- In relation to ecological aspects, I am interested 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 ostracod community structure.
- In regard to the taxonomy of Ostracoda, we have found several new genera and new spoecies in the floodplains, which we are describing in collaboration with **Koen Martens**.

Claudio Magalhaes de Almeida

- Temporary lecturer, Universidade Estadual de Goias (UEG), Anapolis City, Goias State
- Collaborating researcher at the Biology Department, Universidade Anhaguera, Anapolis City, Goias State
- Re-illustration of the holotypes of species erected from Brazil, housed in the Museum Nacional do Rio de Janeiro and Smithsonian National Museum of Natural History, as part of a project coordinated by **Dermeval A. do Carmo** (Universidade de Brasilia) and financed by CNPq—Conselho Nacional de Pesquisa e Desenvolvimento
- Survey of taxonomy and paleoecology of the Palaeozoic ostracods from Parana Basin, Goias State, central Brazil
- Research Associate, Universidade de Brasilia (March 2010-February 2012), working on nonmarine Cretaceous ostracods from coastal Brazilian basins in the project entitled OSTRAKi coordinated by **Dermeval A. do Carmo**
- Supervising undergraduate students in 2012:
    - **Jessica Tatiana da Silva Fonseca**—Biology student, UEG
    - **Leticia Pereira dos Santos**—Biology student, UEG
    - **Lara Morais**—Biology student, UEG
    - **Juliana Natache**—Biology student, UEG

Ricardo Piazza Meireles

- I am working with marine ostracodes from Azores archipelago, Portugal. The main objective of this research is the systematic, palaeoecology and palaeobiogeography interpretation of marine ostracodes, fossil (Late Miocene) and Recent from the Azores (NE Atlantic).
- I am curator of the "*Ostracoda and Bryozoa Collection from Azores*", University of Azores, Department of Biology, since 2010.

Demetrio D. Nicolaidis

- Doctorare student, advised by **Dr. Joao Carlos Coimbra**, working on Quaternary bathyal ostracodes from Brazilian continental margin.
- Studying the taxonomy, biostratigraphy and paleoecology of Albian-Turonian ostracodes from Santos basin, Brazil

Claudia Pinto Machado

- Taxonomy, paleozoogeography and zoogeography of Holocene Ostracoda from the Brazilian northeastern and eastern continental shelf (Taxonomia, Paleozoogeografia e Zoogeografia dos Ostracodes, Holocenicos da Plataforma Continental Brasileria)

Rozileide de Oliveira Lima Costa
Study of nonmarine Lower Cretaceous ostracods from Potiguar basin, Brazil, together with **Jeanine de Lacerda Grillo** and **Joao Villar de Queiroz Neto**.

Roberto Pereira da Silva Junior
Study of nonmarine Lower Cretaceous ostracods from Santos, Campos, and Espirito Santo basins, Brazil, together with **Jeanine de Lacerda Grillo, Joao Villar de Queiroz Neto** and **Ariany de Jesus e Sousa**.

Ricardo Laurenco Pinto
Currently working on:

- Non-marine Cretaceous ostracods from coastal Brazilian basins, in a project coordinated by **Dermerval 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 Sao Paulo, Brazil) and another one by **Luciana de Mendonca Galvao** (Universidade Catolica de Brasilia, Brazil)
- Bromeliad ostracods from the Atlantic forest in southern Brazil, in collaboration with **Elise Vargas Pereira** (M.Sc. Student, Universidade de Sao Paulo, Brazil), **Carlos E.F. Rocha** (Universidade de Sao Paulo, Brazil) and **Joao Carlos Coimbra** (Universidade Federal do Rio Grande do Sul, Brazil)
- Bromeliad ostracods from Honduras and French Guyana, in collaboration with **Merlijn Jocque** (Royal Belgian Institute of Natural Sciences, Belgium)
- Darwinulid ostracods and (semi-) terrestrial ostracod fauna with **Koen Martens, Isa Schon** and **Giampaolo Rossetti**

Enelise Katia Piovesan

- Albian-Cenomanian ostracods from Santos, Campos and Espirito Santo Basins: Taxonomy, biostratigraphy and paleoecology
- Cretaceous paleogeography of southern Gondwanaland of the genus *Majungaella*
- Turonian-Campanian from Potiguar basin: taxonomy, paleoecology, paleogeography and biostratigraphy (Ph.D student)

Joao Villar de Queiroz Neto
Study of nonmarine Lower Cretaceous ostracods from Santos, Campos, Espirito Santo and Potiguar basins, Brazil, together with **Jeanine de Lacerda Grillo, Ariany de Jesus e Sousa, Rozileide de Oliveira Lima Costa,** and **Roberto Pereira da Silva Junior**.

María Inés Feijo 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 Solimoes (western) and Pirabas (northeastern) formations.
- I have continued to study Recernt ostracods from the Brazilian coast in a long-term project in cooperation with **Joao Carlos Coimbra**.
- My curation activities are in the Paleontology Collection (Invertebrate and Microfossils collection) from the Museu Paraense Emilio Goeldi.
- I am supervising graduate and post-graduate students:
    - **Anna Andressa Nogueira** (bioanna100@yahoo.com.br) is doing a Ph.D 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 Ph.D studying the paleoecology and biostratigraphy of ostracodes and palynology from Solimoes Formation, AM, Brazil.
- Recently I have been involved in two international cooperation projects:
    - Evolution and phylogeny in *Cyprideis* (Ostracoda), principal investigator **Dr. Martin Gross** from Landsmuseum Joanneum, Graz, financial support from Austrian Science Fund (FWF).
    - Paleontology (microfossils) and correlation between the Neogene of Brazilian Amazonia and Venezuela, in cooperation with visitor researcher **Dr. Orangel Aguilera** from Universidad Nacional Experimental Francisco de Miranda, Cidade de Coro, Venezuela, financed by CNPq (process 401920/2010-0).
- A full list of publications can be found at: http://buscatextual.cnpq.br/buscatextual/viaualizacv.do?id=K4723177E2

Ariany de Jesus e Sousa

Study of nonmarine Lower Cretaceous ostracods from Santos, Campos, and Espirito Santo basins, Brazil, together with **Jeanine de Lacerda Grillo, Joao Villar de Queiroz Neto** and **Roberto Pereira da Silva Junior**.

Henrique Zimmermann Tomassi

- He teaches geology at the Universidade de Brasilia (UnB) and 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 2012 he took a break from his research activities with Permian marine ostracodes in order to coordinate the micro- and macrofossil sampling in the works from the Belo hydroelectric plant, which is a legal requirement for its construction.
- He is dedicated to the creation of didactic texts on palaeontology for undergraduate students.
- Some of his papers and abstracts can be downloaded at ttp://sites.google.com/site/HZTomassi

Marta Claudia Viviers

Study of marine Cretaceous ostracods from Santos and Potiguar basins, Brazil.

CANADA

Andrea Torres Saldarriaga

- I am presently a student in the Department of Geology, University of Regina, Canada. My thesis is "*Paleoecologic and paleohydrologic reconstruction of the Cauca River floodplain based on diatoms and sedimentary facies analysis of the Holocene terraces Sucre, La Tunala and Cuiti*". My advisors are **Dr. Maria Velez** and **Dr. Ian Coulson**.
- I completed my BSc in Geology at the Departamento de Geologia, Universidad EAFIT, Medellin, Colombia, with my thesis on "*Ostracods from Le Fe reservoir*, El Retiro, Antioquia: taxonomy, ecology, and their implications as paleoindicators", with my advisor **Dr. Jose Ignacio Martinez**.

CHINA

Moriaki Yasuhara

- I continue to work on climatic and anthropogenic impacts on deep-sea and shallow-marine ecosystems and biodiversity using paleoecological methods in collaboration with various colleagues in the United States, Japan, Germany, etc.
- I am working on deep-sea ostracode taxonomy.
- Further details can be found in my website http://sites.google.com/site/moriakiyasuhara/

D.Y. Zhai

- I am at the present a postdoctoral researcher at IGGCAS and I am engaged in reconstructing past environmental variations (mainly lake level and salinity conditions) in Inner Mongolian lakes using ostracods. I am also interested in the taxonomy and ecology of ostracods. Due to the weak basis for the taxonomy of extant ostracods in China, firm identifications of these species are far from easy.
- I am also interested in studying the behavior of ecosystems under the influence of human impacts, e.g., the replacement of endemic species by cosmopolitan ones during the recovery of ecosystems from artificial damage. Case studies have been presented by the investigations on other aquatic animals like mollusks, and probably the same can be done on ostracods.
- I have published two articles on ostracods, one concerning the within-lake distribution of ostracods in a modern lake and the other dealing with reconstructing lacustrine environments in a sediment core in another lake (see bibliography).
- If you are interested, please contact me personally. Discussions are always welcome and desirable. I hope to improve the taxonomy and proxy interpretations. The ostracod analysis method enables me to extract nearly all the valves in sediment. I have been improving this technique toward a standard which can be accepted and used widely. Recently I applied it in dealing with the surface sediments from Hulun Lake (Inner Mongolia), resulting in beautiful age-structure diagrams of subfossil populations.

CROTIA

Valentina Hajek-Tadesse

Research activities

- Continuous work on Neogene and Quaternary ostracod faunas from Croatia, focusing on biostratigraphy, palaeoecology, and palaeobiogeography

Research topics in 2011

- Palaeobiogeographical and palaeogeographical relations between Paratethyan and Mediterranean domains during the Neogene
- Lower Miocene nonmarine ostracod fauna
- Holocene ostracods of the Adriatic coastal region
- Transforming research results to the community
- Completed two long-term projects (five and three years) in 2011:
    - *Sedimentary record of Jurassic-Cretaceous climatic changes in Karst Dinarides*
    - Joint U.S.-Croatian cooperative research project: *Greenhouse and transitional climates in 50 m.y. carbonate records of the Late Jurassic-Early Cretaceous Dinaric platform Croatia*

CZECH REPUBLIC

Radka Symonova, Libor Morkovsky

Work in collaboration with **Renate Matzke-Karasz** of LMU in Germany on synchrotron holotomography-based 3D visualization of the female reproductive organ in nonmarine ostracods reproducing with giant sperm.

ESTONIA

Tonu Meidla

- I am mainly working on several aspects of Ordovician and Silurian ostracods, in cooperation with **O. Tinn, V. Perrier, M. Williams**, and **K. Truuver**.
- Work on several collections from Estonia and Latvia is in progress.
- Other projects are dealing with ostracods from Lithuania (together with **S. Radzevius**), from Siberia (together with A**. Kanygin** and **T. Gonta**), from Canada (together with **A. Desrochers**).
- Study of the Late Pleistocene and Holocene subfossil ostracods in lacustrine sediments of Estonia was carried out in cooperation with **K. Sohar**.

Vincent Perrier

- I am actively working on Palaeozoic ostracods (mainly Ordovician-Silurian).
- For two years, I have been a postdoc in Tartu University (Estonia), working on the impact of environmental changes on ostracod (Palaeocopes and Podocopes) biodiversity with **Tonu Meidla, Oive Tinn, Leho Ainsar** and **Karin Truver**.
- I just finished a first work dealing with the recovery of ostracods after different Ordovician ashfalls and I am currently beginning a project about ostracod recovery after the end-Ordovician extinction in Estonia. I am still working on the Silurian Myodocopid ostracods in collaboration with **David J. Siveter** and **Jean Vannier** and we recently published two papers.
- I am treasurer of the Group of French Palaeozoists, see website below (in French); http://sites.google.com/site/groupefrancaisepaleozoique/home

FRANCE

Bernard Andreu

- Cenomanian ostracodes from the Carbonate Platform of the Pre-African through Morocco
- Cenomanian ostracodes from the Agadir section, Morocco

Jean-Paul Colin

Activities:

- Jurassic ostracodes from Rajasthan, India (with **B. Andreu**)
- Priabonian freshwater ostracodes from Spain
- Albian freshwater ostracodes from Spain (with **Neil Tibert**)
- Maastrichtian ostracodes from Jamaica (with **M. Puckett**)
- Albian and Aptian non-marine ostracodes from Tunisia (with **J.F. Babinot**)
- Revision of genera created by G. Deroo (1966) from the type Maastrichtian (with **J.F. Babinot**)
- Aptian *Cypridea* from Portugal (with **C. Cabral)**

Sylvie Crasquin

- During last year, nearly all of my time was devoted to the administration of my laboratory and to teaching. And it will be worse and worse in the next few years. I managed to go on field work in China, one week in March. I sampled a section on the Middle (Guadalupian)-Late (Lopingian) Permian boundary, north of Sichuan Province. This is the step of the investigations of ostracods on this boundary which appears to be an important mass extinction event before the Permian-Triassic one. A Ph.D will be devoted to this topic next year.

Sebastien Maillet

- I am a Ph.D student in Lille (France), working on fossil ostracodes. My research project mostly focuses on the biodiversity and palaeoecology of the ostracodes during the Givetian (Middle Devonian), on the old carbonate platform of the Ardenne. The aim is to understand the ostracode evolution in relation to environmental changes on this platform during the Givetian.
- My work extends to many fields. Some key words could be—systematics, stratigraphy, biodiversity, bioevents, paleoecology, paleogeography.

Vincent Perrier

- I am actively working on Palaeozoic ostracods (mainly Ordovician-Silurian).
- For two years, I have been a postdoc in Tartu University (Estonia), working on the impact of environmental changes on ostracod (Palaeocopes and Podocopes) biodiversity with **Tonu Meidla, Oive Tinn, Leho Ainsar** and **Karin Truver**.
- I just finished a first work dealing with the recovery of ostracods after different Ordovician ashfalls and I am currently beginning a project about ostracod recovery after the end-Ordovician extinction in Estonia. I am still working on the Silurian Myodocopid ostracods in collaboration with **David J. Siveter** and **Jean Vannier** and we recently published two papers.
- I am treasurer of the Group of French Palaeozoists, see website below (in French); http://sites.google.com/site/groupefrancaisepaleozoique/home

GERMANY

Lailah Gifty Akita

I am a Ph.D student of Friedrich-Schiller-University Jena, Germany. My Ph.D project is supervised by **Peter Frenzel** (direct supervisor), **Gerd Gleixner** and **Emi Ito**. The Ph.D project focuses on "*Lacustrine ostracodes as indicators of Late Glacial and Holocene Monsoon Variability on the Southern Tibetan Plateau*". This is part of the Priority Project 1372 entitled "*Lake Systems Response to Late Quaternary Monsoon Dynamics on the Tibetan Plateau*" in joint cooperation with the Institute of Tibetan Plateau Research and Chinese Academy of Sciences.

The Tibetan Plateau is located in the interaction zone of the Indian Summer Monsoon, Asian Summer Monsoon, and the Westerlies. Owing to its average elevation of 4.5 km above sea level, it is considered to be a major driver of the global climate system. Also, the ecosystems of the plateau are highly sensitive to changes in the water balance.

Our aim is to reconstruct environmental/hydrological and climatic variations of selected lake systems (Tangra Yumco and Taro Co) on the southern Tibetan Plateau over the Late Glacial and Holocene period and the onset of modern climate in the study area. Our study will explore the climatic history of lake systems by examining ostracode assemblages, developing and using ostracode based transfer functions, coupled with trace element and stable oxygen and carbon isotope signatures of their shells from Tangra Yumco and Taro Co lake systems. It is anticipated that analysis of trace element and stable isotope records from ostracode shells within the Holocene sediment would provide further insight into the environmental and hydrological changes of this region for the Last Glacial and Postglacial cycle. Reconstruction of the environmental history of southern Tibet during the Late Quaternary may thus lead to better

knowledge of variations in monsoon strength. Finally, we also hope that this study would serve to deepen our understanding of global environmental/climatic change for the Late Quaternary.

My long-term objective is to use the knowledge gained to study ostracods from West Africa.

Simone Nunes Brandao

I am working as a postdoctoral fellow of the Alexander von Humboldt Foundation in collaboration with **Prof. Dr. Angelika Brandt** and **Prof. Pedro Martinez Arbizu** in Hamburg and Wilhelmshaven.

Current projects include:

- Biogeography of Southern Ocean Ostracoda. The dataset with all the records of ostracods in the Southern Ocean is almost finished and the Ostracoda session in the Register of Antarctic Marine Species (RAMS, http://www.scarmarbin.be/index.php)
- Biodiversity and macroecology of Southern Ocean and deep-sea ostracods, based on epibenthic sledge samples.
- Two papers have been submitted from the work on the Challenger ostracods first worked by Brady (1880) and currently housed in the Natural History Museum in London. A third paper will be submitted soon. The work on the re-descriptions with SEM photos of key Challenger species progressed considerably and will be freely available in the next few months from the Ostracoda Lifedesk (http://ostracoda.lifedesks.org) and the Encyclopedia of Life (eol.org).
- I keep editing the ostracod content of a global, deep-sea database with all previously published records of recent ostracods living deeper than 2000 meters. Together with **Moriaki Yasuhara**, I am preparing a paper on the biogeography of deep-sea ostracods.
- The fruitful collaboration with **Ivana Karanovic** on the taxonomy of Southern Ocean and deep-sea myodocopa is on its way.

Peter Frenzel

- I am still working mainly on Late Quaternary Ostracoda from the Tibetan Plateau in collaboration with **Peng Ping** (Chinese Academy of Sciences), **Steffen Mischke** (University of Potsdam and FU Berlin), **Antje Schwalb** (TU Braunschweig), and **Claudia Wrozyna** (University of Graz). 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. Many of the Tibetan lakes are brackish water. Our work will continue for the next three years at least.
- I am interested in 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 association with **Anna Pint** and the working group of the Geographical Institute at Cologne. She will hopefully finish her Ph.D thesis on the use of ostracods and foraminifers for the palaeoenvironmental reconstruction of athalassic brackish water habitats at the end of the year. One of our main tools is *Cyprideis torosa*.
- A third focus of my studies is the use of micropalaeontology in geoarchaeology. Here I work together with **Anna Pint**, **Thomas Daniel** (University of Gottingen), and **Jorg Ansorgew** (Greifswald).

Eugen Kempf

- He is still very enthusiastically working on the „*Kempf Database Ostracoda*“. Parts 11 to 15 of the series „*Index and Bibliography of Nonmarine Ostracoda*“ are the next parts to be published on CD-ROM.
- He is also improving or producing ostracod pages (meanwhile more than 1000) for 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 and contribute to „***WIKISPECIES***“. In my opinion, this rapidly growing database is much more useful for a scientist than other online databases.

Alan Lord

Ostracod research:

- Ostracods and Holocene environmental history of the Skagerrak region (core MD99-2286)
- Ostracods and Holocene environmental history of the Rio Sizandro, Portugal (with **R. Dambeck**, Universitat Frankfurt and **M.C. Cabral**, Universidade de Lisboa)
- Lower Jurassic of North-West Europe (Germany, UK) with **M.C. Cabral** (Universidade de Lisboa).

Julia Lorenschat

Ph.D thesis: „*Scientific collaboration on past speciation conditions in Ohrid (SCOPSCO)—Recent and fossil Ostracodes from Lake Ohrid as indicators of past environments: A coupled ecological and molecular genetic approach with deep-time perspective*“ (supervisors **Antje Schwalb** and **Burkhard Scharf**)

Goals:

- Performance of autecological and taxonomical analysis of recent ostracodes from ancient Lake Ohrid (Macedonia/Albania) and its catchment.
- Characterization of the response of the lake system and ostracodes during the Eemian and the Holocene with focus on climate transitions, climate extremes and geological events.
- Determination of anthropogenic impacts on species diversity.
- Unraveling phyoogeny and date speciation events with genetic techniques.

Diploma thesis on modern ostracode species in the highlands and lowlands of southern Guatemala.

Renate Matzke-Karasz

Several projects have been started, continued, or finished in 2011:

- Renate started her ‚EROS in Ostracods‘ project in July: ***E***volution of ***R***eproduction with ***O***versized ***S***perm in Ostracods. She uses *Mytilocypris mytiloides* as a model organism, since these animals are quite large and easy to culture. It is funded by the German Research Foundation DFG.
- 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 been continued. A

huge study on this fauna is under review now, with fascinating close-ups of fossilized appendages.

- Together with **Shinnosuke Yamada**, guest researcher at the GeoBioCenter of the Ludwig-Maximilian-University Munich, a paper on the mandible muscles and function has been published (Yamada and Matzke-Karasz, *Journal of Morphology*) and one on Zenker organ functional morphology is about to be submitted. Currently, work on the forming of the Zenker organ after the last moult is going on.
- Collaboration with **Robin Smith** on Cypridoidean sperm morphology has been continued by measuring sperm lengths of as many species as possible. Very interesting results to be expected!
- A collaboration on stratigraphy, palaeoecology and palaeogeography of the Miocene from Tabriz Basin (NW Iran), including some information on ostracods, has been finished and published (Reichenbacher et al, PPP).
- The biography of Sebastian Fischer (1806-1871), collaboration with **David Damkaer** and announced in last *Cypris*, is now in press in the *Journal of Crustacean Biology* (expected in February).
- Last, but not least, Renate continued work as subject editor for ostracod-related manuscripts submitted to the journal *Zootaxa*, the world's foremost journal in taxonomy. In 2011 ten 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 ostracod species assemblages 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, and Israel and Jordan; and more recently, also in Tajikstan, Libya, and Morocco.

Benjamin Sames

- I continue dealing with late Mesozoic nonmarine 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 nonmarine ostracod application (e.g., biostratigraphy, palaeobiogeography, palaeoenvironmental analyses), as well as fundamental aspects and prerequisites of applications, such as dispersal mechanisms.
    - Principles and methods of the biostratigraphic application of late Mesozoic nonmarine ostracods with **David J. Horne**.
    - Origin and early evolution of the non-marine Cypridoidea (with **Robin Whatley**, Aberystwyth and **Michael E. Schudack**).

- Revision of representatives of nonmarine Mesozoic (Late Jurassic-Cretaceous) Cytheroidea, Cypridoidea (Cyprideidae, Trapezoicellidae, Cyprididae and Notodromadidae) and Darwinuloidea in collaboration with, amongst others, **Joao Villar de Queiroz Neto** and **Jean-Paul Colin**.
- Documentation, revision, and biostratigraphic application of associated Late Jurassic—Cretaceous Charophyta in cooperation with **Carles Martin-Closas**, Barcelona and **Michael E. Schudack**.
- Palaeobiology of dispersal mechanisms of nonmarine ostracods.

Burkhard Scharf

My activities include:

- The systematic and taxonomic work on ostracods from Lake Ohrid (Macedonia) is continued together with **T. Petkovski, J. Lorenschat**, and **F. Viehberg**.
- A new genus and species from Spitsbergen (Norway) is described (**T. Petkovski, D. Keyser, B. Scharf**). The manuscript is being reviewed.
- In November 2010 and in March 2011 I was in Tunisia. There we (**Fekri Kamoun, Chahira Zaibi** from University of Sfax, and I) have found a new *Psychrodromus* species. The manuscript is being reviewed.
- I have investigated the moat of Bremen (Germany, only 200 m from my apartment). In *Candona candida* from this moat we have found a cysticercus of Cestoda. The manuscript is in preparation.

Michael Schudack

Current research activities

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

Running and new research projects

- Late Jurassic ostracods of the excavations along the Transjura Highway in NW Switzerland (taxonomy, stratigraphy, palaeoecology)—with **Ulla Schudack** (Berlin) and **D. Marty** (Switzerland)
- Micropalaeontology of the Santonian (late Cretaceous) Menuha Formation (Southern Negev, Israel) (under approval)—with **H. Ginat** (Israel) and **B. Saquarat** (Jordan)
- Stable isotope compositions of charophytes and ostracods for palaeolake reconstructions in the Upper Jurassic and lowermost Cretaceous of Western Europa (under preparation, near to sending to the DFG)

My main research (and book chapter) projects these days are dealing with foraminifera through the Eocene/Oligocene boundary and with the Jurassic lithostratigrpahy of Eastern Germnay.

Ulla Schudack

Current research activities

- Research projects on the Jurassic and Cretaceous (marine and nonmarine) of Europe and Israel
- Main focus on biostratigraphy, palaeoecology, and taxonomy

Running and new research projects

- Late Jurassic ostracods of the excavations along the Transjura Highway in NW Switzerland (taxonomy, stratigraphy, palaeoecology)—with **Michael Schudack** (Berlin) and **D. Marty** (Switzerland)

Antje Schwalb

Research activities

- Aquatic ecosystem evolution and monsoon dynamics in Southern Tibet using Recent and Late Pleistocene to Holocene Ostracoda, together with **Claudia Wrozyna** (now Dr.) and **Nicole Borner** (Ph.D student) and **Peter Frenzel** (Co-PI) and **Steffen Mischke** (Co-PI).
- Ancient Lake Ohrid (Macedonia) biodiversity, together with **Julia Lorenschat** (Ph.D student), **Finn Viehberg** and **Burkhard Scharf** (Co-PIs).
- Postglacial Patagonian lake level changes (in collaboration with **Gabriela Cusminsky** and **Finn Viehberg**)
- Landscape and environments of Late Glacial campsites in the Jeetzel Valley, northern Germany, in collaboration with **Finn Viehberg**.
- Late Quaternary environmental change on the Yucatan Peninsula, a contribution to the Lago Peten Itza Scientific Drilling Project, with **Liseth Perez**.

Shinnosuke Yamada

- JSPS postdoc fellow for research abroad, GeoBio-Center, Ludwig-Maximilians-University Munich
- Since June 2010, I work at the LMU collaborating with **Renate Matzke-Karasz**. I have a grant for 2 years from the Japanese Society for the Promotion of Science and will stay in Munich till the end of May 2012. My research focus is to understand the cuticle formation of ostracods with histological analyses. Some histological works on the cuticle formation of hinge, muscle attachment, marginal infold, and fulcral point in podocopids have been published hitherto.
- Research activities:
    - Histological analysis of the Zenker organ in a freshwater candonid species (in collaboration with **Renate Matzke-Karasz**)
    - Morphogenesis of the Zenker organ in a freshwater candonid species (in collaboration with **Renate Matzke-Karasz**)
    - Calcification of the carapace in *Semicytherura* species (in collaboration with **Dietmar Keyser**)
    - Taxonomy on some *Semicytherura* species from Japan (in collaboration with **Akira Tsukagoshi** and **Hayato Tanaka**)
    - Calcification and function of the *Xestoleberis*-spot
    - Carapace structure and calcification in myodocopid ostracods
    - Skeleton-musculature of the mandible in some bivalve crustaceans

GREECE

Penelope Papadopoulou

I am currently a PhD student at the Deaprtment of Geology, University of Patras, Greece. My supervisors are **Professor J. Koukouvelas** and **Dr. G. Iliopoulos**. My Ph.D thesis project involves the study of Plio-Pleistocene deposits which are represented in a number of artificial sections near the small town of Agioi Theodoroi at Korinthos prefecture in Greece. The scope of my thesis project is to identify environmental changes related to active deformation that occurred in the study area during the Pliocene and Pleistocene. The studied sedimentary sections bear a fauna consisting mostly of brackish ostracodes, as well as occasional freshwater ones. Therefore, ostracodes are used as the main tool to provide palaeoecological and palaeoenvironmental information for the respective deposits.

IRAN

Ebrahim Mohammadi

My Ph.D thesis is on the *Systematics and paleoecology of Ostracoda and Foraminifera of the Oliogo-Miocene marine deposits of Qom and Esfahan-Sirjan basins*. I did my M.Sc thesis at Isfahan University, 2007-2008 on the Biostratigraphy, microfacies, and sedimentary environments of the Qom Formation in southern Kashan.

Oligo-Miocene marine deposits of Qom and Esfahan-Sirjan basins that are named as the Qom Formation are dated mainly by foraminifers as Rupelian-Aquitanian. There are a few published articles on the Oliogo-Miocene, especially Oliogocene, Ostracoda of the Middle East and there are no published articles.on the Oligo-Miocene Ostracoda of Iran. Therefore there is no ostracode biozonation for Iran for this time period. Some Iranian M.Sc. students worked on Ostracoda of the Qom and dated the rocks based on Ostracoda. They relied on European, American and southeast Asian ostracode biozonation. I believe that those results are incorrect because of the long distance between Iran and Europe, Americ, and southeast Asia. I think the first and last occurrence of one species/genus is different between Iran and elsewhere.

IRAQ

Sanad A.M. Al-Khashab

- I am working on Triassic-Jurassic Ostracoda from north Iraq (Duhok) with my M.Sc. student **Jawahir Mahfoth**. Her research interest is on the Baluti and Sarki Formations, which range from Triassic to Jurassic. We hope that we will find new species and recorded species from these periods in Iraq.
- I am still working on Cretaceous and Tertiary ostracods from different localities of Iraq, including subsurface and outcrops.

ISRAEL

Avi Honigstein

- Continues with Mesozoic-Cenozoic studies of assemblages from Israel and adjacent countries, but is mostly occupied with administrative tasks in his oil and gas exploration job for the Ministry of Energy and Water, Israel.
- He works on a research project on Triassic ostracodes from outcrops and wells in Israel.
- Avi participated in the VII European Congress on Ostracoda, Graz, Austria and in the World Conference on Paleontology, Nakhon Ratchasima, Thailand.
- A joint paper by Honigstein and **Crasquin** on Late Scythian-Anisian ostracodes from central Israel was published in *Journal of Micropalaeontology*. The results of this study, combined with data from foraminifera and pollen, were presented in the congress in Thailand.
- During 2011, **Lilach Lev**, a Ph.D student from the Tel Aviv University and the Geological Survey of Israel studied the stable isotope and the chemical composition of *Cyprideis torosa*. She aims to establish through the use of this species the geochemical-hydrological history of Lake Kinneret during the last glacial period. So far, she studied 5 trench cores (total length of ~4m) sampled adjacent to the archeological site of Ohalo II, located on the southwestern shore of the lake that represent a time period when the Lake Kinneret merged with the Lake Lisan. Sr/Ca, Mg/Ca and $^{87}Sr/^{86}Sr$ were measured in the ostracod shells. First results indicate that the $^{87}Sr/^{86}Sr$ ratios fit values that were measured in the lake brines. Lilach is studying additional cores and her results soon will be available.

ITALY

Costanza Faranda

- Costanza is starting to analyse the marine epibathyal ostracods from the early Zanclean of Eracles Minoa (Sicily).
- Together with **Elsa Gliozzi**, she is studying the marine and brackish Pannonian-Pontian (Tortonian-Messinian) ostracod assemblages from the Strimon Basin (Macedonia), a possible connection corridor between Dacic and Mediterranean Basin during late Messinian.
- Costanza and Elsa are publishing the results of the paleontological analyses carried out on pre-evaporitic Messinian successions in Italy (Legnagnone section) and in the Adana Basin (Turkey) (Adana-1 section).
- Together with **Ricardo Meireles** (Ph.D student at the Universidade dos Acores), they have submitted a taxonomic paper dealing with marine Messinian ostracods from the Santa Maria Island (Azores).

Elsa Gliozzi

- Elsa continues her collaboration with the members of her lab in Rome: **Costanza Faranda, Francesco Grossi, Silvia Ligios, Ilaria Mazzini**, and **Maria Chiara Medici**.
- 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** and **Ian Boomer**, together with **Natalia Dykan, Nick Aladin, Tatiana**

Dmitrieva, Irina Nikolaeva, and **Ekaterina Tesakovi**, are carrying out the taxonomical revision of Livental's species, identifying neotypes that could substitute for the lost holotypes.

Francesco Grossi

- Francesco continues to work on the palaeoenvironmental changes occurring in the Mediterranean area during the Messinian Salinity Crisis together with **Elsa Gliozzi**. At present he is studying the Lago-Mare 240 m-thick succession of Eraclea Minoa (Sicily).
- He is going to publish the results of the paleontological analyses carried out on the Adana Basin (Turkey) together with **Elsa Gliozzi**.
- He is still assistant curator of the geo-paleontological museum "Civico Museo Ardito Desio" of Rocca di Cave (Roma, Italy), dealing with much larger fossils such as rudists and corals.

Silvia Ligios

- Silvia and **Elsa Gliozzi** submitted a paper dealing with the taxonomical revision of the Italian Neogene *Cyprideis* using the morphometrical approach proposed by **Danielopol** et al., whose results were presented at the last EOM 7 in Graz.
- They are finishing the palaeoecological and palaeobiogeographical studies on the Tortonian successions of Col Vergnal (Friuli, northern Italy) and Cessaniti (Calabria, southern Italy).

Ilaria Mazzini

- Ilaria is still involved in the study of the ostracod assemblages recovered in continental and marine Neogene deposits, along a transect from Ankara to the Sinop Peninsula (Black Sea).
- Together with **Costanza Faranda**, she has studied the Holocene ostracod assemblages from two cores drilled in the archeological site of Portus, Rome's principal maritime port from the middle of the first century onward to the IV century A.D. The project continues with the study of two sediment cores drilled inside the still existing hexagonal basin.
- With **Elsa Gliozzi**, she is studying a long composite sediment core from the Scutari Lake in Albania. Last May they visited the area and sampled the lake waters to compare the current biodiversity with the Holocene data. They will be sampling again during the next summer.

Maria Chiara Medici

- Maria Chiara discussed successfully her Ph.D thesis on the taxonomy of the freshwater and brackish ostracodes collected from Pliocene and Early Pleistocene deposits in northern and central Italy. Although Chiara is now the happy mom of Juri (18 months old), she is putting the final touches to two papers concerning the Late Pliocene ostracod faunas of Piedmont (northern Italy) and Umbria (central Italy), together with **Elsa Gliozzi**.

Valentina Pieri

- She is now working at the Royal Belgian Institute of Natural Sciences di Brussels (Belgium) as a Marie Curie Post Doc on the project "*CRYSTAL, Cryptic ostracode*

species in an ancient lake: the Cytherissa flock from Baikal" with **Prof. Isa Schon** and **Prof. Koen Martens**.

- She is still collaborating with **Prof. D. Goi** of the Department of Chemistry, Physics and Environment (ex. Department of Chemical Sciences and Technology) 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).

Nevio Pugliese

Nevio, at the University of Trieste, is working in team with **Maria Eugenia Montenegro, Gianguido Salvi** and **Karin Megzec**. The team collaborates actively with **Antonio Russo** (Modena). Topics of research on ostracods are:

- Systematics and ecology of Italian marine areas (Tyrhennian Sea, Adriatic, Sea, Sardinia)
- Palaeoecology and palaeoclimatology within the archaeological research (Roman and Bizantine sites)
- Palaeoecology, palaeoclimatology and palaeooceanography in polar areas on Quaternary cores (Arctic and Antarctic areas).

Giampaolo Rossetti

- At the Department of Environmental Sciences, University of Parma, he continues his work on Recent Darwinulididae in collaboration with **Isa Schoen** and **Koen Martens** (Brussels).
- He participates in the *EBERS (Exploring Biodiversity of the Emilia Romagna springs*) Project, where he is responsible for the identification of ostracods.

Valeria Rossi

Valeria Rossi is continuing her work on the ecology of Recent freshwater ostracods and their applications to ecology and evolutionary ecology in collaboration with **G. Benassi** and the students **Dania Albini** and **Matteo Zatori** at the Department of Environmental Sciences, University of Parma (Parma).

Francesco Sciuto

- Francesco is a researcher in stratigraphical geology and sedimentology at the University of Catania. His research field is the palaeoecology and stratigraphy of Plio-Pleistocene marine ostracod assemblages. His current research is about living and dead ostracod assemblages from the Mediterranean.
- In progress paper: Sciuto, F. and Pugliese, N., Description of two new species of ostracod from the Messina Straits (Central Mediterranean): *Zoosystema*.

Stefania Trenkwalder

- Formerly at IGG-CNR, Torino Unit).
- Activities:
    - Late Messinian Lago-Mare ostracods from several late Messinian successions from Piedmont (northwestern Italy)
    - Ostracods at the Messinian/Zanclean boundary and ostracods of Early Pliocene from several assemblages in Piedmont (northwestern Italy).

JAPAN

Ryouichi Higashi
Research activities:

- Taxonomy of marine interstitial ostracods around Japan (together with **Dr. Akira Tsukagoshi**)
- Molecular phylogenetics and evolutionary pattern of marine interstitial ostracods
- Biogeography of marine interstitial ostracods
- Reproductive isolation mechanism of cytheroids

Hideyuki Horikoshi

- MSc student
- Comparative morphology and adaptation to the interstitial environment of the genus *Neonesidea* (Bairdioidea), with descriptions of three bairdioid species

Toshiaki Irizuki
Research activities:

- Spatio-temporal changes of recent ostracod assemblages with relation to anthropogenic pollution and natural climatic changes in enclosed brackish lakes and seas
- Reconstruction of Miocene and Pliocene marine climatic conditions in eastern Asia based on analyses of fossil ostracodes with **Drs. Hokuto Iwatani** and **Katsura Ishida**

Graduate Students:

- **Shigenori Kawano** has finished his doctoral thesis: *Temporal changes of ostracode assemblages and environments in coastal areas of southwest Japan during the 20th century*
- **Takashi Goto**, Ph.D student, Late Pliocene marine ostracodes from the Japan Sea region
- **Fauzielly Lili**, Ph.D student, Recent ostracodes in Jakarta Bay with relation to their biogeography and anthropogenic pollution

Yu Maekawa

- MSc student
- Relationship between the pattern of muscle scars and the branch structure of muscle bundles in the adductor muscle field of the family Darwinulidae

Satoshi Nishimaki

- M.Sc student
- Variations of the origin on body color of ostracods

Yuya Ohchi

- M.Sc student

- Restriction factors on population density and species composition of some marine interstitial ostracods

Hirokazu Ozawa

Current research:

- Taxonomy, biogeography (origin, speciation, migration, extinction and survival) and ecology of cytheroidean ostracods in Late Cenozoic and Recent at the Japan Sea coasts and its adjacent area (with **Prof. Takahiro Kamiyai**)
- Taxonomy, phylogeny and sexual dimorphism with paedomorphosis on hingement for species of *Loxoconcha* with loxoconchid genera from Japan and its adjacent area (with **Dr. Tohru Ishii**)
- Taxonomy and paedomorphosis of *Semicytherura* in Late Cenozoic at the Japan Sea coasts
- Pore distribution-pattern and biogeography of *Aurila* species from Pliocene to present at the Japan Sea coasts and its adjacent area

Hayato Tanaka

- Ph.D student, JSPS research fellow
- Current research:
    - Taxonomy, behavioral ecology, biogeography and molecular phylogeny of living cladocopid ostracods from Japan
    - Reproductive isolation mechanisms in the interstitial genus *Parapolycope* (Myodocopa: Cladocopina)
    - Sexual selection and speciation in an interstitial environment inferred from the genus *Parapolycope*
    - Taxonomy and biogeography on interstitial ostracods from Japan

Akira Tsukagoshi

- The members of Tsukagoshi's lab are now mainly focusing on taxonomy, morphology and molecular phylogeny. In March, 2012, **Hayato Tanaka** will get a Ph.D for his thesis on taxonomy, phylogeny and ecology of the marine interstitial cladocopids.

Shinnosuke Yamada

- JSPS post-doc fellow for research abroad, GeoBio-Center, Ludwig-Maximilians-University Munich
- Since June 2010, I work at the LMU collaborating with **Renate Matzke-Karasz**. I have a grant for 2 years from the Japanese Society for the Promotion of Science and will stay in Munich till the end of May 2012. My research focus is to understand the cuticle formation of ostracods with histological analyses. Some histological works on the cuticle formation of hinge, muscle attachment, marginal infold, and fulcral point in podocopids have been published hitherto.
- Research activities:
    - Histological analysis of the Zenker organ in a freshwater candonid species (in collaboration with **Renate Matzke-Karasz**)
    - Morphogenesis of the Zenker organ in a freshwater candonid species (in collaboration with **Renate Matzke-Karasz**)

- Calcification of the carapace in *Semicytherura* species (in collaboration with **Dietmar Keyser**)
- Taxonomy on some *Semicytherura* species from Japan (in collaboration with **Akira Tsukagoshi** and **Hayato Tanaka**)
- Calcification and function of the *Xestoleberis*-spot
- Carapace structure and calcification in myodocopid ostracods
- Skeleton-musculature of the mandible in some bivalve crustaceans

KOREA

Ivana Karanovic

- I am a research professor at the Hanyang University working on the South Korean freshwater and marine ostracod bidiversity. One paper dealing with Candonidae from the region will be published this year in the *Zootaxa* special issue.
- Master student **Hyunsu Yoo** and I are also working on the brackish water ostracods from Korea with a special interest in the phylogenetic zoogeography of the genus *Ishizakiella.*
- Last year **Mr. Sergio Cohuo Duran**, a student of the Instituto de Ciencias del Mar y Limnologia, UNAM, Mexico, visited Hanyang University and we started a collaboration on freshwater ostracods from Mexico.
- I continue a close collaboration with **Dr. Simone Nunes Brandao** on deep sea ostracods, one paper dealing with nine new Polycopidae species (and phylogeny of the family) from Angola Basin is currently in press, and one on the Polycopidae from Southern Ocean is in preparation for the *Zootaxa* special issue.
- Last year I visited the National Institute of Water and Atmospheric Research, Wellington (New Zealand) working on myodocopid ostracods from the Chatham Rise and Challenger Plateau. One paper on a new subfamily is at the proof stage and will be published in early 2012.
- This year, I am continuing to work on the ostracods from the Australian coral reefs, and one paper with a description of two two new Sarsiellidae ostracods, and phylogenetic analysis of the family has been submitted recently.
- My work on freshwater Australian ostracods is still very active and I have recently finished a study on "terrestrial" ostracods from Tasmania, with a paper on its way.
- Finally, the book on the *Recent freshwater ostracods of the World* has been published by Springer in January 2012 and is available for purchase.

LUXEMBOURG

Claude Meisch

Calude continues his work on the extant freshwater ostracods of Europe and various other parts of the world.

MEXICO

Lisbeth Perez

- Currently, I am a postdoc at the Institute of Geology of the Universidad Nacional Autonoma de Mexico (UNAM) in Mexico City. Three field trips were carried out in 2011 with colleagues of the Institutes of Geology and Geophysics of UNAM to collect multiple bioindicators (ostracodes, cladocerans, diatoms, chironomids, thecamoebians, etc.) and pollen. Our training set for central Mexico includes so far 28 lakes. This new training set will be an expansion of our Yucatan Peninsula training set (n=63). I will study the ecological preferences of nonmarine ostracodes from central Mexico; compare it to the results of our previous project in the Yucatan Peninsula. Transfer functions will be developed and applied to ostracode fossil assemblages in sediment cores of Lake Chalco, Mexico (LGM-Deglaciation). Advisors: **Socorro Lozano, Margarita Cavallero** (UNAM) with the cooperation of **A. Schwalb** (TU-Braunschweig) and **M. Brenner** (U. Florida).

POLAND

Anna Iglikowska

- In November 2010 I completed my Ph.D dealing with freshwater ostracod ecology of northern and central Europe, and I am preparing a few papers together with my supervisor, **Professor Tadeusz Namiotko** (University of Gdansk, Poland).
- I am working with **Katarzyna Blachowiak-Samolyk** and **Marcin Wichorowski** at the Institute of Oceanology of Polish Academy of Sciences (Department of Marine Ecology) within the ZSPDO project (Integrated System of Oceanographic Data Processing). We work in close collaboration with **Dr. Martin Angel** (National Oceanography Centre, Southampton), who is an outstanding authority on the subject of pelagic marine Ostracoda. We are going to prepare a professional database with unified records on the distribution of Atlantic ostracods together with complementary huydrological data. The second step will involve the exploitation of the database for ecological modeling and visualization, e.g., faunistic changes, biodiversity indicators in multispecies association, variations in the distribution area due to climatic changes, etc.

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, W. Staniszewska, U. von Grafenstein** and others)
- Quaternary ostracods from southern Baltic Sea (with **J. Krzyminska**)

- High latitude ostracods from the southern Baltic Sea (with **D.L. Danielopol, A. Iglikowska** and others
- Evolutionary ecology and taxonomy of ostracods from temporary waters (with **K. Martens, M.J.F. Martins, F. Mesquita-Joanes, G. Rossetti**, and **J. Vandekerkhove**)
- Groundwater ostracods from Romania, Italy and Croatia (with **D.L. Danielopol, K. Finger, S. Iepure, A. Montanari, T. Radja** and others)

Ewa Olempska

I continue my research on ostracodes:

- Devonian ostracods from the Holy Cross Mountains
- Late Cambrian phosphatocopids from North Poland
- Devonian ostracods from Podolia, Ukraine.

Agnieszka Szlauer-Lukaszewska

I work on Ostracoda, primarily in rivers. My current research includes:

- Benthic Ostracoda in various storage áreas of lowland rivers
- Groyne fields as a factor shaping the anthropogenic hábitats in rivers: bentos, plankton, and periphyton analysis in bank storage between the groines on the middle and lower course of the River Odra, Poland.
- Influence of landscape structure in a small lowland river valley on the charácter of the fauna in selected groups of aquatic invertebrates.

Students:

- **Karolina Mielczrek**, Ostracoda of selected hábitats of the River Krapiel
- **Sandra Falkowska**, Ostracoda of selected hábitats of the lower Odra Valley.
- **Beata Kowaluk-Jagielska,** Ostracoda of Odra riverbed in the área of Widuchowa-Szczecin
- **Aleksandara Bankowska,** Littoral zoobenthos of the Odra River in the section from Polecka to Gozdowice in 2009
- **Katarzyna Bobryk,** Littoral zoobenthos of the Odra River in the section from Scinawa to Krosno Odrzanskie in 2009
- **Natalia Poteranska,** Ostracod river hábitats in the example of the River Krapiel.

PORTUGAL

Maria Cristina Cabral

Research:

- Recent ostracods from salt marshes of Portuguese estuaries (Rivers: Minho and Coura; Lima; Tagus and Trancao and Laje; Sado; Mira)—species identifications ongoing. In order to estimate the former sea levels in the same estuaries, the sutdy of the ostracods from several 1-m deep core marshes, from all five main estuaries, were also done, but only very rare ostracods were found.

The work on Recent and Sub-recent ostracods if made within the scope of a Research Project funded by the Portuguese FCT: *WESTLog—Recent evolution of Portuguese West coast estuaries: high resolution studies from marshes geological records*. PTDC/CTE-GIX/105370/2008. In this Project, **Ana Rita Figueiredo** (former Master student) collaborated in ostracod studies.

- Jurassic ostracods from the Lusitanian Basin, Portugal: marine and non-marine Sinemurian ostracods (in collaboration with **Jean-Paul Colin**); marine Toarcian ostracods (in collaboration with **Alan Lord**); 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 in the Lusitanian Basin*. In this Project, **Isabel Martinsa Loureiro** (former Master student) collaborates in ostracod studies.
- Holocene ostracods from different long cores of coastal lagoons and estuaries in Portugal: Mira River, Pederneira lagoon (Nazare región), and Sizandro River (in collaboration with **Alan Lord**).
  The work on Holocene ostracods is partially made within the scope of a Research Project funded by the Portuguese FCT: Project PTDC/CTE-GEX/65789/2006, *Paleoenvironmental evolution of the Nazare coastal plain since the Lateglacial (PaleoNaz*).
- Recent ostracods from the Western Algarve continental shelf (from ~58 to ~125 m deep). Supervision of one Master thesis related to this subject and finished in November 2011.

ROMANIA

Sanda Iepure
Studying living ostracods from different freshwater environments.

Radu Olteanu
Recent publication about Pannonian and Pontian ostracods in Romania (in *GeoEcoMarina*): http://www.geoecomar.ro/website/publicatii/Nr.17-2011/15_olteanu_BT.pdf

Priscila Oprenu
Recently finished her PhD thesis about living ostracods from the Black Sea.

Marius Stoica

- I published a monograph in 2007 about Purbeckian ostracods (my Ph.D). PDF and printed copies are available at request.
- I am more involved in studying nonmarine Miocene and Pliocene Paratethyan ostracods. Because I am working with interdisciplinary teams (paleomagnetism, isotopes, sedimentology, tectonics), the ostracod chapters, including plates, range charts and descriptions, do not appear at the forefront of publications.
- More papers are in preparation about Paratethyan ostracods.

- The interest for ostracods in Bucharest University is high. Every year I lead at least 5 students for perparing their Diploma Thesis regarding Paratethyan ostracods.
- Students doing a Ph.D thesis on ostracods:
    - **Alina Floroiu** finished her Ph.D on Pontian ostracods from Romania and the Black Sea rea. She published last year a short paper about Maeotian/Pontian ostracods from the Dacian Basin (Romania) in *GeoEcoMarina*. http://www.geoecomar/ro/website/publicatii/Nr.17-2011/21_floroiu_BT.pdf
    - **Andrei Briceag** is about to finish this year his Ph.D thesis about Black Sea recent and sub-recent ostracods.

Franz Wanek

He had a recent contribution about Sarmatian/Pannonian ostracods in Geologica Carpathica, 62(1/2011):91-102.

RUSSIA

Eugen I. Schornikov

- In 2011 I was mainly working on the State-funded project "*Ecology, Morphology and Systematics of Ostracoda"*
- A major part of my work was to prepare collections for storage in the museum (about 600 speciments). It included sorting through the collections of **M.N. Gramm**, donated to me from the Institute for Biology and Soil Sciences (Vladivostok, Russia)
- I trained a number of technicians and three students, but only one of the students continues working now.

SINGAPORE

Chris Gouramanis

- I am a post-doctoral researcher with **Adam Switzer** to examine coastal hazards—including typhoons and tsunamis, coastline evolution and palaeoclimatology using ostracods in the Southeast Asian region.
- I work with **Patrick De Deckker** to determine palaeoenvironmental and palaeoclimatic change in Australian lacustrine and cvoastal ecosystems using ostracod valve chemisatry and ostracod-based transfer functions.

SLOVENIA

Natasa Mori

- Dr. Mori is continuing to build a database of Ostracoda distribution and ecology in Slovenia. This includes collecting new samples from different locations and gathering the data from the published literature. She is preparing an updated checklist.
- Her main interest is ecology of ostracod assemblages in border habitats between groundwater and surface waters, such as springs and hyporheic zone where stygobionts and surface species occur together and distributional patterns of groundwater species. Her special interest is the genus *Mixtacandona*, which is one of the most abundant genera in Slovenian groundwaters. She is interested in processes of speciation of this genus and would like to apply molecular approaches in the future
- She has been working on freshwater benthic samples from Shikoku Island, Japan.

SPAIN

Francesc Mezquita-Joanes

My research is focused on the ecology and Holocene palaeoecology of nonmarine ostracods, mainly from the Iberian Peninsula. Ongoing research projects include:

- Ecology of exotic ostracods with invading potential in the Iberian Peninsula. Ph.D students **Josep A. Aguilar-Alberola, Andreu Escriva**, and **Alexandre Mestre** and M.Sc students **Luis Valls** and **Andreu Castillo** work in this topic on various aspects of the ecology of *Heterocypris bosniaca, Fabaeformiscandona subacuta, Candonocypris novazelandiae* and *Ankylocythere sinuosa*. In this framework we visited and worked with **Robin Smith** and **Takahiro Kamiya** and also collaborated with **Ivana Karanovic** and **Eugenj Schornikov**.
- Collaboration with **Dr. J. Marco-Barba**, who in 2010 was awarded a Ph.D on ostracod paleoecology of Lake Albufera (co-supervised with **R. Miracle**) and is now writing manuscripts on this topic, in collaboration with **E. Ito, J. Holmes** and other colleagues.
- Paleolimnology of Lakes Ivars and Somolinos and Emporda Wetland from Spain, with **R. Julia, S. Riera, J. Armengol, J. Reed, J. Marco**, PhD student **L. Zamora**, and others.
- Co-supervising (with **J. Vandekerkhove** and **G. Rosetti**) the final steps of the Ph.D project of **Olivier Schmit** on the Evolutionary ecology of reproductive modes in *Eucypris virens* (in the framework of SexAsex project, coordinated by **Koen Martens**).
- Collaboration with visiting researchers **Dr. Sukonthip Savatenalinton** and **Dr. Romina Liberto** on the ecology of ostracods from Thailand and Argentina.

SWITZERLAND

Laurent Decrouy

- Laurent Decrouy has finished his PhD in October 2009 and is working as a postdoc at the University of Lausanne. His thesis can be downloaded as a pdf file at http://my.unil.ch/serval/document/BIB_32983D894668.pdf

- He is working on a long core taken in Lake Geneva with the aim of reconstructing the environmental conditions prevailing in western Switzerland during the Holocene and the last thousand years on the basis of ostracod fossil assemblages and ostracode shell chemistry.

Claudius Pirkenseer

- I have a publication with J.-P. Berger (see bibliography, 2011), but, sadly Professor Berger passed away in January.
- Activities concerning ostracods have been reduced due to nonexistent funding (except for several publications, for example, predation on Rupelian ostracods and palaeoecology of ostracods from the Ypresian of southern France).

TURKEY

Atike Nazik

- Continues to work on Tertiary and Quaternary shelf ostracodes from Mediterranean and Aegean Seas.
- I am also studying Devonian ostracodes in Turkey.

UNITED KINGDOM

Dave J. Horne

- I continue to focus on Quaternary ostracods as palaeoclimate proxies but find time to work on Cretaceous (and sometimes even older) material as well.
- During 2011 I have been on sabbatical leave and spent four months (January-May) in Ottawa, Canada, studying the Delorme collection of Canadian nonmarine ostracods at the Canadian Museum of Nature and Delorme's type collection at the Geological Survey of Canada.
- In July I attended the European Ostracodologists' Meeting in Graz, Austria, where **Alison Smith** and I convened two workshops. The first introduced the *OMEGA (Ostracod Metadatabase of Environmental and Geographical Attributes)* project intended primarily to enable access to ostracod distributional and ecological databases so as to facilitate Quaternary palaeoclimate analyses, but with additional potential for wider (palaeo)environmental and (palaeo)biogeographical applications; it involves collaboration with **Koen Martens, Robin Smith, Denis Delorme**, and **Brandon Curry** (among others). The second workshop will discuss research initiatives on Quaternary and living nonmarine ostracods; ideas developed in Graz will be followed up at the second workshop to be held at the GSA meeting in North Carolina, USA, in November, 2012.

- I also attended the 5th International Limnogeological Congress in Konstanz, Germany, in September, presenting a talk entitled "*The Mutual Ostracod Temperature method: an answer in search of a question?*
- I am currently supervising two Ph.D students:
    - **Ginny Bernardout** is in the second year of her project (*Quantifying Quaternary climate change: testing micropalaeontological proxy methods for palaeotemperature estimation*), co-supervised by **Dr. Simon Lewis** (School of Geography, QMUL) and **Steve Brooks** (The Natural History Museum)
    - **Michaela Radl** started in October 2011, her project (*Palaeoecological applications of saltmarsh meiofauna to understanding saltmarsh development and management*), being co-supervised by **Dr. Rob Hughes** of the School of Biological and Chemical Sciences at QMUL.
- With **Jonathan Holmes, Julio Rodriguez-Lazaro** and **Finn Viehberg**, I am in the late stages of editing a major book project for Elsevier's "Developments in Quaternary Science" series, entitled "*Ostracoda as proxies for Quaternary Climate Change*", which we expect to see published during 2012.

UNITED STATES

Anne Cohen

Jim Morin and I plan to publish on some more new genera of Cypridinidae (Myodocopida). Our first priority is a paper describing a new genus for *hilgendorfii*, the most important species in studies of bioluminescence—with a diagnosis of the misunderstood genus *Vargula* and redescription of the types of *Vargula norvegica*.

Tom Cronin

- I continue to work with a superb group of ostracode colleagues on Arctic and subarctic ostracode assemblages and Mg/Ca paleothermometry in studies of Quaternary sea ice history, paleoceanography and climate change. These include **Brouwers, Briggs Jr., Dwyer, Farmer, Poirier, Stepanova,** and **Yasuhara**. Many non-ostracode Arctic experts contribute to these studies (**Polyak, Jakobsson, Spielhagen, Bauch** and others).
- See bibliography for 2010-in press for published and in press papers, some on Arctic temperature, Mg-Ca carbonate ion effects and reconstruction of sea level from paleotemperature.
- Related studies of Bering and Chukchi "modern" ostracode faunas, including collections taken from the 1970s through 2010 are being conducted by **L. Gemery, L. Cooper** (University of Maryland) and I. This work is submitted to *Deep-Sea Research*.
- We have made progress on *Krithe* Mg/Ca paleothermometry (**Farmer, Dwyer**) showing that the carbonate ion effect, hypothesized for low temperatures and some deep sea foraminifers, does not appear to influence *Krithe* Mg/Ca rations. In my opinion, members of the ostracode community continue to unfairly criticize marine ostracode Mg/Ca paleothermometry without any firm basis, only based on their personal opinion, perhaps stemming from complications fromn shell chemistry of non-marine taxa. In fact,

Krithe, and to a lesser extent, *Loxoconcha*, has been the subject of field and laboratory studies, as well as paleoceanographic applications, exceeding research on any single foram. Mg/Ca temperature curves for several intervals in the Cenozoic have been confirmed using other proxy methods. It is unfortunate that some in our own community feel the need to question the applicability of ostracode Mg/Ca ratios, without having read the literature or carried out necessary analysis and experiments. They seem to be unaware that all paleo-proxy methods have assumptions and complexities, but these do not prevent their application to critical questions in paleoclimatology.

Ken Finger

- I am about to embark on a study of Late Quaternary ostracodes from Clear Lake, the oldest natural lake in California, as part of a much broader project on the region's paleoclimatology.
- With the untimely passing of my colleague **Dawn Peterson** a year ago, I inherited four of her unfinished studies:
    - *Reconnaissance of ostracode assemblages in the Fracassi caves and adjacent sulfidic spring and Sentino River in the northeastern Apennines (Marche Region, Italy)* by Peterson, Finger, Iepure, Mariani, Montanari, and Namiotko is currently in press in the *Journal of Csave and Karst Studies*
    - The ostracodes from Pleistocene marine terraces in the Galapagos have been documented for a publication that will also report on the associated foraminifers and microgastropods, but the latter group awaits study.
    - The basic study of the Miocene marine of central Chile is completed (plates, checklists, etc.) but new taxa still need to be described. As I am still working on the foraminiferal monograph, I am hoping another ostracodologist will offer to assist in finalizing Dawn's study, as this will also be a large manuscript.
    - The ostracodes of Lake Merrit will probably be documented several years from now, after this polluted urban tidal lagoon in California has had sufficient environmental remediation and a subsequent round of sampling for comparative study.

George Hecht

- I am continuing to process and identify ostracodes from Moorea, French Polynesia.
- I am finishing a paper on nearshore Eocene ostracodes from Jamaica and will expand Eocene research to other Caribbean islands.
- Work continues on Florida fossil and modern ostracodes, both marine and nonmarine.

Gene Hunt

I continue to work on evolutionary and ecological questions with deep-sea ostracodes.

Alison Smith

Research News:

- This year the National Science Foundation Geoinformatics funded a project to make available as public access a number of Quaternary through modern biological databases used as a source of paleoclimate and paleoenvironmental proxies. NANODe, the North American Nonmarine Ostracode Database (www.kent.edu/NANODe , coauthors

Richard Forester, Alison Smith, Donald Palmer and **Brandon Curry**) was completely uploaded to this community database NEOTOMA. The url for NEOTOMA is www.neotomadb.org . I will still be managing NANODe (and it will still operate on our server here) because it houses pictures of the species and other sources of information, but the spreadsheet data can be searched for and downloaded through NEOTOMA, along with all kinds of other types of data, including pollen and vertebrate fossils (NEOTOMA is the genus name for the packrat ~ a suitable name for this kind of database!). About 600 U.S. sites with hydrochemistry and species data are now also housed in NEOTOMA and are accessible through www.neotomadb.org.

- Research with graduate students includes **Wells, Kathryn J.,** 2011. Paleoecology of Beringian lacustrine deposits as indicated by Northern Hemisphere ostracode biogeography M.S. Thesis Completed Dec., 2011.
- Oongoing research with M.S. student **Frank Mathias** on the Plio-Pleistocene paleolimnologic record from Butte Valley, California, a site near the Klamath Mountains that was cored by the USGS in the 1990s.
- Other ongoing research includes a project in the Florida Keys on nonmarine Ostracoda in collaboration with **Larry Hribar,** Senior Entomologist for the Florida Keys Mosquito Control Board
- Aa project with **Isa Schön** and others on cryptic species among the *Darwinula*, including species from sites in North America
- Please also see the Meeting Section of Cypris for a report on the National Science Foundation's funding of Research Initiatives Workshops, the first of which was in Graz, Austria in July, 2011, and the second of which will be in Charlotte, North Carolina in November, 2012.

T. Markham Puckett

- Together with **Jean-Paul Colin** and a colleague, **Simon Mitchell** from the University of the West Indies, I have been working on describing several new species and genera from the Maastrichtian deposits of Jamaica. The ostracodes have great potential use to contribute to understanding the complex plate tectonic evolution of the Caribbean region. Several colleagues, including **Alan Lord** and **Bernard Andreu**, have been very helpful in this study by sending specimens and hard-to-find literature. The manuscript should be ready for submission in the spring, 2012.
- In the past year, I have gone to Cuba twice to collect samples for ostracodes with the help of **Leidy Menendez-Penate**, planktonic foram specialist, and **Reinaldo Rojas**, Director, both of whom are at the Museo Nacional de Historia Natural in havana. These samples fortunately yielded ostracodes, including what appear to be new species. This work will form the basis of a new manuscript to be prepared later this year.

Anna Stepanova

- I continued working on Equatorial Pacific deep-water ostracods from ODP Leg 202, Site 1238, MIS 1-12. Faunal changes reflect glacial/interglacial scale variations and possibly are related to changes in water mass circulation.

- I continued working with ostracods from the Late Saalian-Eemian marine beds in Bychye, the White Sea region. Ostracod assemblage variations (3 assemblages) reflect paleoenvironmental changes during the penultimate glacial-interglacial transition.
- Participated in several projects carried out by Oceanographic Institute RAS and Moscow State University on Holocene ostracods from the Black and Caspian seas.
- Completed the manuscript on five cores from the shelf and upper slope of the Laptev and Kara seas. Late Pleistocene-Holocene ostracod assemblages reflect varying environmental conditions at the North Siberian continental margin since about 18 ka.

Carlos Andres Alvarez Zarikian

Main activities for 2011-2012 :

- Carlos continues to coordinate and implement scientific expeditions for the Integrated Ocean Drilling Program (IODP). On January 17, 2012, he returned from a 65 day expedition to the Gulf of Cadiz (IODP Expedition 339). In the framework of Expedition 339, Carlos will examine the ostracod assemblages from several drill sites to study the effects of the mediterranean Outflow Water in North Atlantic paleoceanography since the opening of the Strait of Gibraltar 5.3 Ma.
- Carlos is also studying deep sea ostracods from the South Pacific gyre during three time slices : Paleocene, Oligocene, and late Miocene/Pliocene.

New Taxa

Simone Brandao

- *Doloria (Dolorietta*) Chavtur, Brandao and Bashmanov, 2012
- *Doloria (Dolorietta) antarctica* Chavtur, Brandao and Bashmanov, 2012
- *Doloria (Dolorietta) sextafiliformis* Chavtur, Brandao and Bashmanov, 2012
- *Archypolycope atlantica* Karanovic and Brandao, 2012
- *Archypolycope brandti* Karanovic and Brandao, 2012
- *Archpolycope louisi* Karanovic and Brandao, 2012
- *Archpolycope martinezi* Karanovic and Brandao, 2012
- *Hyphalocope* Karanovic and Brandao, 2012
- *Hyphalocope dorsoithys* Karanovic and Brandao, 2012
- *Metapolycope divae* Karanovic and Brandao, 2012
- *Pseudopolycope (Divalocope*) Karanovic and Brandao, 2012
- *Pseudopolycope (Divacope) chavturi* Karanovic and Brandao, 2012
- *Pesudopolycope quasivitjazi* Karanovic and Brandao, 2012
- *Pseudopolycope spio* Karanovic and Brandao, 2012
- *Poseidonamicus hunti* Brandao and Paplow, 2011
- *Poseidonamicus tainae* Brandao, 2010 in Brando and Paplow, 2011
- *Poseidonamicus yasuharai* Brandao and Paplow, 2011
- *Thaumatochoncha dandani* Karanovic and Brandao, 2011
- *Thaumatochoncha quasiporosa* Karanovic and Brandao, 2011

Anne C. Cohen and **James G. Morin, 2010**

- *Enewton* Cohen and Morin, 2010 (Family Cypridinidae)
- *Enewton harveyi*
- *Photeros* Cohen and Morin (Family Cypridinidae)
- *Photeros johnbucki*
- *Photeros mcelroyi*

Analia R. Diaz and **Estela C. Lopretto, 2011**

- *Keysercypria*

Vincent Perrier et al., 2011

- *Bolbozoe acuta* sp. nov.
- *Bolbozoe rugosa* sp. nov.
- *Bolbozoe parvafraga* sp. Nov.
- *Parabolbozoe armoricana* sp. nov.
- *Silurocypridina retroreticulata* gen. et sp. nov.
- *Silurocypridina variostriata* gen. et sp. nov.
- *Silurocypridina calva* gen. et sp. nov.
- *Calocaria robusta* sp. nov.

Perrier, in press

- *Sineruga insolita* gen. et sp. nov.

Maria Ines Feijo Ramos

- *Cativella ornelasae* Coimbra, Bergue and Whatley, 2012
- *Cativella sudbrasilienis* Coimbra, Bergue and Whatley, 2012
- *Henryhowella inflata* Coimbra, Bergue and Whatley, 2012
- *Henryhowella verrucosa* Coimbra, Bergue and Whatley, 2012
- *Ambocythere venusta* Coimbra, Bergue and Whatley, 2012
- *Basslerites multicostata* Coimbra, Bergue and Whatley, 2012

- *Haplocytheridea variopunctata* Nogueira, Ramos and Puckett, 2011
- *Haplocytheridea sandbergi* Nogueira, Ramos and Puckett, 2011
- *Haplocytheridea pirabasensis* Nogueira, Ramos and Puckett, 2011
- *Haplocytheridea sinuosa* Nogueira, Ramos and Puckett, 2011
- *Cytheridea coimbrai* Nogueira, Ramos and Puckett, 2011
- *Cytheridea pirabasensis* Nogueira, Ramos and Puckett, 2011
- *Cytheridea purperae* Nogueira, Ramos and Puckett, 2011

Robin Smith, 2011

- *Undulacandona* n. genus
- *Undulacandona spinula* n. sp.
- *Cryptocandona tsukagoshii* n. sp.

- *Cavernocypris cavernosa* n. sp.

Shinnosuke Yamada

- *Semicytherura maxima* Yamada and Tsukagoshi, 2010
- *Semicytherura ikeyai* Yamada and Tsukagoshi, 2010
- *Semicytherura sagittiformis* Yamada and Tsukagoshi, 2010

Highlights

Giles Miller

I would like to advertise my blog, which is written to advertise the uses and relevance of the micropalaeontology collections at the Natural History Museum. There are quite a few ostracod relevant posts so far, including "*When microfossils meet dinosaurs*" and "*What do microfossils tell us about sex in the Cretaceous?*"

http://www.nhm.ac.uk/natureplus/blogs/micropalaeo/

Expect future blogs on "*Microfossils and ancient humans occupying Britain*", "*Christmas card microfossils*", "*How to get a fossil named after you*", and possibly "*Microfossils at the Olympic site*".

If you find the blog interesting and want to subscribe to future posts, then:

1. From the top right hand side of the blog page, follow the link to register for an account in Nature-Plus .
2. They will send an email that you will need to reply to verify your account.
3. Log onto Nature Plus as instructed in the email.
4. Follow the link to the blog in the menu on the left hand side of the Nature Plus page.
5. An option will then appear on the right hand side to "watch this blog" but only when you are logged in.
6. You can also leave comments on blog posts. I look forward to some feedback via the site.

Requests

Sanad A.M. Al-Khashab

I would be grateful to receive any papers or pdf papers about Triassic and Jurassic ostracodes, especially from Africa, South America and India.

Simone Brandao

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 changes 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 and made freely available to everybody in the web through both websites.

Benjamin Sames

As your positive and large feedback after my talk at EOM 7 has shown, a review on the biology and palaeobiology of nonmarine ostracod dispersal (the marine dispersal is a topic of its own) is really wanting (also giving the plethora of important older and modern fundamental literature, implications for application, and much more).

Many of you kindly told me interesting, mostly unpublished facts and shared experiences and ideas, not all of which I could remember and write down later. I would like to take up the challenge and continue working on this and a publication about it over the longer time frame.

I would be interested in any information you are possibly willing to share—references, publications, ideas, experiences, etc.—concerning active and passive dispersal, reproductive and survival mechanisms, ecology, biogeographic data, experimental data, physiology of resting stages—Carboniferous to Recent, even stories you may have heard from some time ago from collegues and the like.

Meetings

Rodolfo Coccioni

INTERNATIONAL GEOLOGICAL CONFERENCE

GeoHistories from Gubbio Apennines

Half century in Reading the Pages of Earth History Written in the Rocks: 1962-2012

GUBBIO - Italy
5 - 8 JUNE 2012

Congress FIELD TRIP IN BOTTACCIONE GORGE AN CONTESSA VALLEY- 7 JUNE 2012
Post-congres FIELD TRIPS IN CENTRAL APENNINES - 9 - 11 JUNE 2012

SECOND CIRCULAR AND REGISTRATION

Abstract deadline 31 March 2012

contacts & info : geoga2012@uniurb.it

Elsa Gliozzi


IRGO
GRUPPO OSTRACODOLOGI ITALIANI
17th International Symposium on Ostracoda
Roma, Italy
July 23rd-26th, 2013
17th ISO
"Back to the future"
Roma Tre University
Rome, 23rd - 26th July, 2013
1st Circular
ROMA TRE
UNIVERSITÀ DEGLI STUDI
UNIVERSITÀ DEGLI STUDI DI TRIESTE
SIMITECNO
Leica
MICROSYSTEMS

Beatrice Ortega

Geological Society of America Cordilleran Section Meeting
Queretaro, Mexico
March 29-31, 2012

Session: Limnogeology studies and paleoenvironmental records from ancient and modern lakes

Session description: Lacustrine sediments are valuable archives of (1) terrestrial climate and environmental change, (2) tectonic and volcanic acticity, and (3) human impact. Lake records can provide insights into short or long-term changes in temperature, precipitation, erosion rates, vegetation changes, etc., which can be related with changes in atmospheric circulation and other forcing mechanisms. This session aims to bring together limnogeologists working on any discipline or field of knowledge, on records covering all time- and space scales, either on basic or applied research.

Finn Viehberg

International German Ostracodologists Meeting/Deutschsprachiges Ostracodologen Treffen
Cologne, Germany
October 11-14, 2012

The meeting is dedicated to Eugen Kempf, who is celebrating his 80th birthday this year. The meeting has the following motto: ***The Recent and Fossil meet Kempf Database***

We cordially invite you to attend our meeting and to present your latest results of ostracod work in the conference hall of the university-owned "castle" (Schloss Wahn). Communications in English or French are welcome. We will prepare a special issue in *Crustaceana* as festschrift in honour of the anniversary of Emeritus Professor **Dr. Eugen Kempf**.

The programme will give us time for two days of talks, posters and workshops to discuss topics of databases and taxonomy issues. Two geological field trips are planned to Mesozoic outcrops in the Rhenish Massif and the maar lakes (e.g., Laacher See) in the Eifel Mountains, the locus typicus of the term "maar".

For further information, visit www.irgo.uni-koeln.de/igom

We kindly ask you to send us a short note of intention, if you are interested to attend the meeting and/or are planning to contribute to the special issue/festschrift (submission deadline 14.10.2012) together with a preliminary title (send to finn.viehberg@uni-koeln.de). We would need this short note as soon as possible or latest by April 13 to adjust our planning to a more clearly defined number of potential particuipants.

We look forward to meeting you in Cologne.

Organising committee: Finn Viehberg, Anna Pint, Renate Matzke-Karasz

Moriaki Yasuhara, Narumi Tsugeki

2012 ASLO (Association for the Sciences of Limnology and Oceanography), Aquatic Sciences Meeting
Japan, July 8-13, 2012 (http://aslo.org/meetings/japan2012/)

Session: Long-Term Ecosystem and Biodiversity Dynamics: Time-Series and Paleoecological Studies

Session description: Increasing paleoecological evidence shows that earth's ecosystems are strongly affected both by natural climatic variability and human-induced environmental change ranging from decadal to millennial timescales. In contrast, instrumental time-series have revealed seasonal to decadal scale-ecosystem dynamics over the past few decades. Although these two approaches are apparently complementary, mutual understanding is far from the satisfactory level. Unified understanding of long-term ecosystem dynamics from seasonal to multi-millenial time-scale will provide us a comprehensive view on our changing planet and its ecosystems and a robust baseline to predict how earth's ecosystems will respond to the future human-induced climate and other environmental changes including global warming, air pollution, ocean acidification, and eutrophication. Enhanced cooperation between researchers using ecological and paleo-approaches will enable us better understanding of drivers of large-scale ecological patterns. We welcome contributions coming from (macro)ecological and paleoecological approaches on long-term ecosystem and biodiversity changes. Interdisciplinary approaches trying to integrate ecological and paleoecological results are highly welcome.

Sev Kender

North East Atlantic Benthic Foraminifers: A New Taxonomy for the 21st Century

This two-day workshop from 19-20 June, 2012 (http://www.tmsoc.org/foram.htm) will bring together specialists in the fields of benthic foraminiferal (palaeo)ecology, molecular genetics and taxonomy. We aim to initiate a community-wide approach to develop a new morphologically-based taxonomy which is fully informed by our understanding of molecular genetics and ecology. A 21st century taxonomy which is deeply rooted in biology has the potential to unify benthic foraminifer classification.

The workshop will provide a forum to present and discuss on all aspects of North East Atlantic benthic foraminiferal taxonomy; we will encourage participants to bring their own material—binocular microscopes will be available and we will make slides available for sample exchange.

Confirmed speakers include: **Professor Karen Luise Knudsen** (Aarhus University, Denmark); **Professor Frans Jorissen** (University of Angiers, France); **Dr. Magali Schweitzer** (University of Edinburgh, UK); **Professor Elisabeth Alve** (University of Oslo, Norway); and **Professor John Murray** (University of Southampton, UK).

Meeting convenors: **Bill Austin** (St. Andrews, UK), **Magali Schweitzer** (Edinburgh, UK), and **Kate Darling** (Edinburgh, UK).

The Geological Society
serving science & profession

Lyell Meeting 2012

Thursday, 29 March, 2012 'Big Palaeontology', The Geological Society, London

Large-scale projects, involving multidisciplinary geoscience teams from numerous institutions, are playing an increasingly important role in modern palaeontological research. This meeting will showcase the science being undertaken in these projects across the range of palaeontological disciplines, including key contributions from junior researchers. We will discuss the benefits and logistics of running these large-scale projects including funding, outreach and training opportunities.

Convenors: Drs Jeremy Young (UCL) and Tom Dunkley Jones (University of Birmingham)

Further information

For further information about the conference, please contact:

Naomi Hewbold, Conference Office,
The Geological Society, Burlington House,
Piccadilly, London W1J 0BG

T: 0207 434 9944
F: 0207 494 0579
E: naomi.newbold@geolsoc.org.uk
W: www.geolsoc.org.uk/lyell12

Keynote Speakers:

Chris Stringer Ancient Human Occupation of Britain
Peter Bijl IODP Wilkes Land Glacial History
Ken Johnson EU Indonesian Throughflow project
Bridget Wade Tanzanian Drilling Project
Wolfgang Kiessling PBDB – coral biodiversity
Paul Upchurch PBDB – Cretaceous vertebrate biodiversity
Mark Sutton Imaging and Virtual Palaeontology
Richard Twitchett Co-evolution of Life and the Planet
Richard Edmonds Jurassic Coast World Heritage Site

The Geological Society

serving science & profession

Lyell Meeting 2012

Big Palaeontology

29th March 2012

Programme

09.00	**Registration & coffee**
09.30	**Ancient Human Occupation of Britain** Chris Stringer, Natural History Museum
10.05	**Chronology, climate and the appearance of modern humans in Western Europe** Rob Dinnis, The British Museum & Tom Higham, Research Laboratory for Archaeology and the History of Art
10.20	**Thirty years of field-based Big Palaeontology on Cenozoic shallow marine ecosystems** Ken Johnson, Natural History Museum, Jon Todd, Natural History Museum & Willem Renema, NCB Naturalis
10.55	**Environmental reconstruction of a Burdigalian-Langhian patch reef (East Kalimantan,Indonesia)** Vibor Novak, Netherlands Centre for Biodiversity Naturalis, Nadiezhda Santodomingo, Natural History Museum, Anja Roesler, University of Granada, Emanuela Di Martino, Natural History Museum, Juan Carlos Braga, University of Granada, Paul D Taylor, Natural History Museum, Ken Johnson, Natural History Museum & Willem Renema, NCB Naturalis
11.10	**Tea & coffee**
11.40	**IODP Wilkes Land Glacial History** Peter Bijl, Utrecht, Alexander JP Houben, Utrecht, Francesca Sangiorgi, Utrecht, Alexander Ebbing, Utrecht, Jörg Pross, Institute of Geosciences, Appy Sluijs, Utrecht, Henk Brinkhuis, NIOZ Royal Netherlands Institute of Sea Research
12.10	**Tanzanian Drilling Project** Bridget Wade, University of Leeds, Paul Pearson, Cardiff University, Joyce Singano, Tanzania Petroleum Development Corporation, Brian Huber, Smithsonian National Museum of Natural History, Ken Macleod, University of Missouri-Columbia, Chris Nicholas, Trinity College, Dublin, Paul Bown, University College London & TDP Team
12.40	**UK Type fossil database** Mike Howe, BGS
13.00	**Lunch (no lunch provided for delegates)**

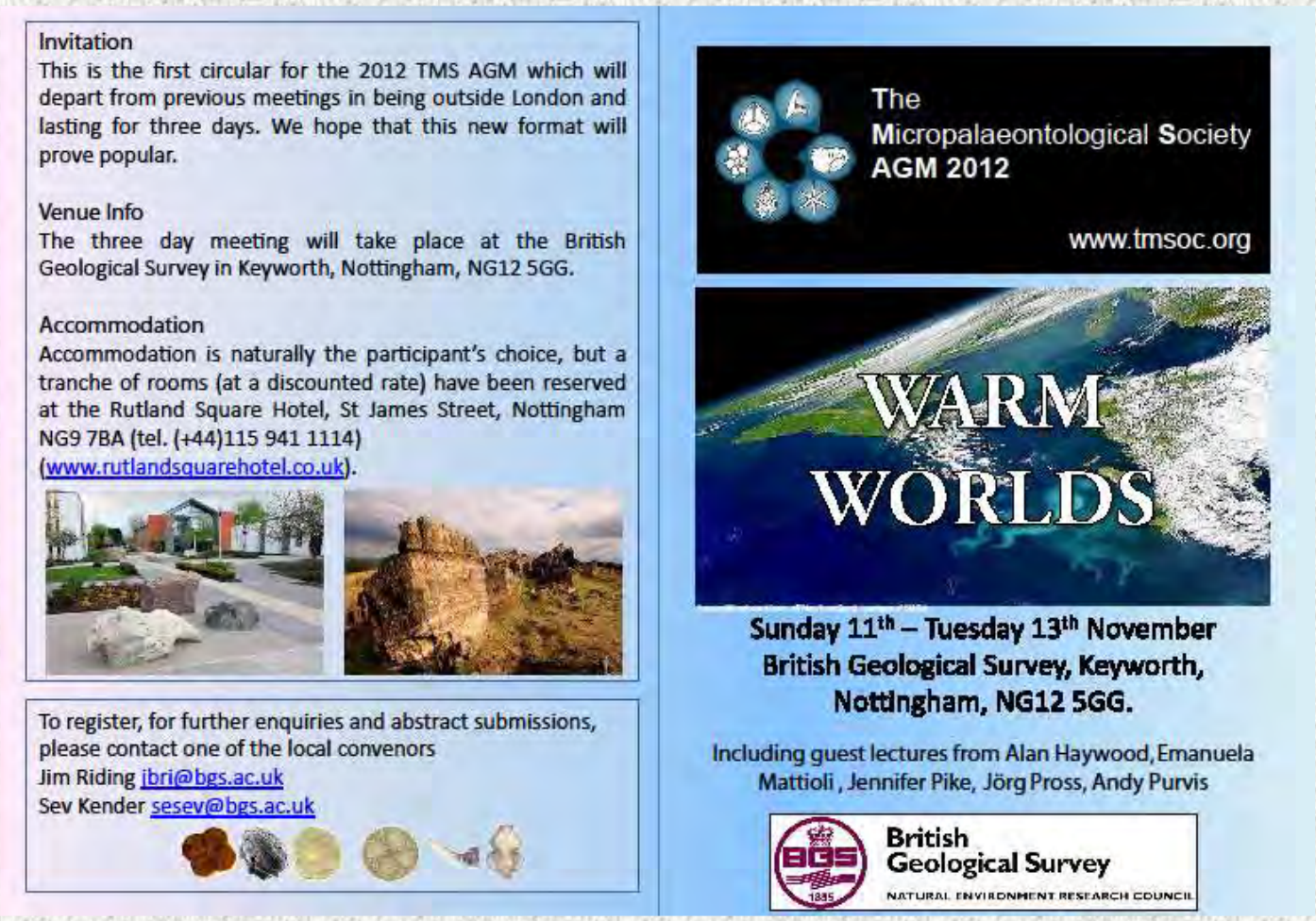
Joao Villar de Queiroz Neto

6th International Symposium on Charophytes
Mendoza, Argentina
25-27 November, 2012

Symposium organized in Memoriam to Professor Eduardo A. Musacchio

Sev Kender

The 2012 Micropalaeontological Society Meeting
November 11-13, 2012
British Geological Society, Keyworth



The Micropalaeontological Society

http://www.tmsoc.org

Annual General Meeting 2012

A coccolithophore bloom off Newfoundland, courtesy of NASA

The TMS are delighted to announce that the 2012 AGM will be held at the BGS in Nottingham and take place over 3 days!

Proposed schedule:

***Sunday 11th*: Field trip to Charnwood Forest**
Participants will be able to examine Late Precambrian metasediments with an Ediacara biota (*Charnia* etc.), intrusive igneous rocks and Quaternary glaciogenic sediments.

***Monday 12th*:** 'Warm Worlds' **symposium and Society AGM**
The day will include a tour of the BGS, guest lectures on the theme 'Warm Worlds', followed by Society business. The evening will conclude with the wine reception and conference dinner.

***Tuesday 13th*: Open talks on micropalaeontology and keynote Industrial Lecture**
The day will begin with a Keynote Industrial Lecture, followed by an open poster and presentation session. We welcome the submission of abstracts for posters and short (10min) presentations across all aspects of the discipline, including biostratigraphy, palaeoecology, palaeobiology, palaeoceanography, palaeolimnology, palaeoclimatology, molecular evolution and systematics. We particularly encourage talks and posters from doctoral students and early career scientists.

Poster/Presentation Abstract deadline 30th September 2012. Further information regarding conference fees, accommodation options and transport etc. can be found on the TMS website

For further information please contact:

Jim Riding jbri@bgs.ac.uk
Sev Kender sesev@bgs.ac.uk

British Geological Survey
NATURAL ENVIRONMENT RESEARCH COUNCIL

Registered Charity No. 284013

Alison Smith

Northern Hemisphere Quaternary and Modern NonMarine Ostracod Research Initiatives
A Workshop held at EOM 7 in July, 2011

At the close of the EOM 7 in Graz, Austria in July, a workshop took place in order to discuss future initiatives in Quaternary nonmarine ostracod research within the Northern Hemisphere. The workshop was funded by a grant from the Office of International Science and Engineering (OISE) of the National Science Foundation, Washington, D.C. to Kent State University, USA. It was the first of two such workshops, with the second one planned to take place in November, 2012, in Charlotte, North Carolina, USA just before the annual Geological Society of America meeting. The workshop was convened by **Alison Smith** (Kent State University) and **Dave Horne** (Queen Mary University of London). Twenty-eight ostracod workers attended, including graduate students as well as faculty, with representation from eight countries. Topics for discussion included paleoclimate and shell geochemistry, groundwater ecology, molecular genetics, and taxonomic harmonization, all within the context of considering the Holarctic biogeography of ostracod species. We also discussed how we might develop opportunities for student cross-training (including sending students to/from Europe/USA), a complex problem in the current world of funding restrictions. These discussions will be continued and expanded in November, 2012, at the next workshop, where we also hope to see interested ostracodologists who were unable to attend the EOM 7. Results of this workshop will be posted on Ostracon, along with information about the next workshop and the GSA meeting in November.

Topical Session, Geological Society of America Annual Meeting
November 4-7, 2012
Charlotte, North Carolina, http://www.geosocietyt.org/meetings/2012/

At the 2012 GSA meeting, there will be a Topical Session (oral presentations or posters) entitled *Cenozoic Ostracode Research—Developments in Paleoclimatology, Paleohydrology, Paleoecology and Phylogenetics*, co-chaired by **Alison Smith, David Horne**, and **Brandon Curry**. This session is sponsored by GSA's Quaternary Geology and Geomorphology Division, Paleontological Society, and Limnogeology Division.

#**T16. Cenozoic Ostracode Research: Developments in Paleoclimatology, Paleohydrology, Paleoecology, and Phylogenetics**

This session will focus on novel approaches in ostracode research (marine or nonmarine) related to Cenozoic paleoclimate, paleohydrology, phylogenetics, and geochemistry. Highlighted topics may include, for example, the PETM, Miocene and Pliocene warmth, and Quaternary environmental change. To submit an abstract, use this url: http://www.geosociety.org/meetings/2012/sessions/topical.asp Abstract submittal deadline is Tuesday, 14 August 2012.

Questions? Contact Alison Smith, session co-chair at alisonjs@kent.edu

Just before the first day of the GSA meeting in Charlotte, North Carolina, USA, the National Science Foundation Office of International Science and Engineering has funded two workshops to discuss initiatives regarding Northern Hemisphere Quaternary and Modern Ostracoda. Funding by NSF through Kent State University is for the purpose of:

1. Establishing a dialogue at the international level concerning collaborative research in subfields including paleoclimatology, paleoecology, genetics, hydrology, and phylogeography;
2. Exploring the development of linked datasets, cross-training of graduate students, and the establishment of taxonomic harmonization procedures;
3. Producing a research agenda that can be widely disseminated in appropriate journals and websites.

The first workshop took place last summer at the close of the EOM in Graz, Austria, and 26 ostracode workers (faculty, graduate students) attended from eight countries. The meeting was co-chaired by **Alison Smith** and **Dave Horne**, with a lot of organizational assistance from **Martin Gross**. Lively discussion focused on the potential for international collaboration in the subfields listed above, linking databases, the possibilities of cross-training graduate students in subfields and across international borders, and promoting a hemispheric view of nonmarine ostracode biogeography. The EOM was an ideal venue for this workshop, as many ostracodologists were already gathered in Graz. However, many researchers were doing fieldwork in the summer and could not attend.

And so, the second workshop date approaches on November 3, 2012, in Charlotte, North Carolina, USA!

This international conversation will be continued at the second workshop, presented as a GSA Short Course, to be held just before the annual GSA meeting on November 3, in Charlotte. We hope to see many researchers who could not attend the Graz meeting, as well as those from the first workshop that are interested in seeing further developments of this discussion on research initiatives.

You can register for this workshop/short course at the GSA Short Course website at this url: http://www.geosociety.org/meetings/2012/courses.htm. Short course #513, Saturday, November 3, 8 am to 5 pm, Charlotte, NC. You do not need to register for the GSA meeting in order to register for and attend this short course. Charlotte is a small city at the foot of the Appalachians, lovely in autumn, and with an international airport, so you can fly direct. A two hour drive takes you into the beautiful Appalachian Mountains and a four hour drive brings you to the beautiful sandy beaches of the Atlantic Coastal Plain.

Questions? Contact **Alison Smith**, short course co-chair, at alisonsj@kent.edu

Karel Wouters sent in the following photo for the IRGO website—reminescences of the City tour in Prague (12th ISO, 1994).

Information/Announcements

Rakia Said-Benzarti, Jean-Paul Colin
Editorial, Progress in ostracodology (ROLF-23, Tunis, 2010)
Revue de Micropaleontologie, v. 55, 2012
Avancees en ostracodologie (23e reunion des Ostracodologistes de Langue Francaise, 2010

This special issue is dedicated to the publication of a selection of papers presented during the 23rd Meeting of French Speaking Ostracodologists (ROLF 23) in Tunis (Tunisia, May 6-8, 2010), organized by **Rakia Said Benzarti** (SEREPT) and her colleagues. This is one of a long standing tradition of meetings, organized nearly every two years since 1977. It gathered a total of 31 ostracodologists coming from 11 countries: Belgium, Brazil, France, Italy, Luxemburg, Morocco, Poland, Portugal, Switzerland, Tunisia, and United Kingdom.

Initially ROLFs were informal meetings, intended to gather French speaking ostracodologists. Due to their shrinking number, it was decided later on to invite colleagues who do not speak French and English was adopted as a second language. Since the Saucats meeting, held in 2004, we decided to start publishing some of the talks presented during these meetings. The next one will be in Geneva, Switzerland in June 2012, organized by **J. Sauvagnat, J.-P. Colin**, and **D. Decrouez** and will be dedicated to the founder of ROLF meetings and pioneer in *Applied Ostracodology*, **Henri Oertli**, who will turn 85.

For the Rolf 2010 Tunis meeting, 3 papers (amongst the 16 talks of the meeting) were selected to represent the wide panel of topics discussed in modern ostracodology:

- **The importance of taxonomy to biostratigraphy and palaeobiogeography**: Do Carmo et al. (2012) demonstrate that in-depth taxonomic revision of the ostracode genus *Sergipella* can enhance its biostratigraphic resolution on basins situated at both sides of the South Atlantic Ocean (Brazil and Gulf of Guinea).
- **Palaeolimnology**: The study of Namiotko et al. (2012) is an excellent case study demonstrating the utility of ostracodes in limnological and palaeoenvironmental studies, particularly for the relation of ostracode communities with different levels of trophic resources during the last century.
- **Palaeoceanography**: In their paper, Russo et al. (2012) studied the palaeoecological significance of the ostracode assemblages from Miocene cold seep settings preserved in Italy. They clearly show that some filter-feeder and deposit-feeder ostracode associations are able to colonize disaerobic environments, such as the cold seeps, although the number of specimens is greater in seafloors devoid of seepage influence.

This selection of papers illustrates clearly the current status of ostracodes as an invaluable tool for solving geological and ecological problems. The recent major oil discoveries offshore of Brazil confirm the utility of ostracodes for the biostratigraphical analysis and palaeoenvironmental interpretation of lacustrine pre-salt (Early Cretaceous) reservoirs.

Proceedings of ROLF 23 (Tunis 2010) are available on Science Direct:
http://www.sciencedirect.com/science/article/pii/S0035159812000025

Sanad A.M. Al-Khashab

We have rock samples from Jurassic and Cretaceous of Iraq, we can cooperate with anyone who would like to work with us. Please contact me at sanadkhashab@hotmail.com.

Koen Martens

The proceedings of the 16th International Symposium on Ostracoda, edited by **Dermeval Do Carmo, Ricardo Pinto** and **Koen Martens**, and published in Hydrobiologia, are now available online at the Springer website.
http://www.springer.com/life+sciences/ecology/journal/10750, then click "Read Online" as volume 688.
Articles include:

- D. A. Do Carmo, R.L. Pinto and K. Martens, Preface: Ostracoda: biostratigraphy and applied ecology
- L. Decrouy, T.W. Vennemann, and D. Ariztegui, Sediment penetration depths of epi- and infaunal ostracods from Lake Geneva (Switzerland)

- V. Pieri, J. Vandekerkhove, and D. Goi, Ostracoda (Crustacea) as indicators for surface water quality: a case study from the Ledra River basin (NE Italy)
- O. Kukoyluoglu and N. Sari, Ecological characteristics of the freshwater Ostracoda in Bulu region (Turkey)
- R. Liberto, F. Mesquita-Joanes and I. Cesar, Dynamics of pleustonic ostracod populations in small ponds on the Island of Martin Garcia (Rio de la Plata, Argentina)
- J.A. Aguilar-Aberola, F. Mesquita-Joanes, S. Lopez, A. Mestre, and J.C. Casanova et al., An invaded invader: high prevalence of entocytherid ostracods on the red swamp crayfish *Procambarus clarkia* (Girard, 1852) in the eastern Iberian Peninsula
- A. Baczewska, K. Biachowiak-Samolyk and M.V. Angel, Distribution of pelagic Ostracoda (Crustacea) inhabiting the waters around Svalbard (Arctic Ocean: 76^{0}36-81^{0}50N)
- M.T. Warne and B. Soutar, Pliocene coastal palaeomorphology and ostracod faunas of the Bass Strait hinterlands, southeast Australia
- D. Xi, S. Li, X. Wan, X. Jing, and Q. Huang, et. al., Late Cretaceous biostratigraphy and paleoenvironmental reconstructions based on non-marine ostracodes from well SK1 (south), Songlian Basin, northeast China
- S.C. Ballent and A.R. Diaz, Contribution to the taxonomy, distribution and paleoecology of the early representatives of *Pentbesilenida* Rossetti and Martens, 1998 (Crustacea, Ostracoda, Darwinulidae) from Argentina, with the description of a new species
- E. Olempska, Morphology and affinities of Eridostracina: Palaeozoic ostracods with moult retention

Benjamin Sames

My new publication "*Taxonomic studies in Early Cretaceous nonmarine Ostracoda of North America*" is available online at: Micropaleontology Press, then Micropaleontology, then Subscriber access to journal, then vol. 57, no. 4-5, 2011 or use the following link if your institution is subscribed:
http://www.micropress.org/micropen2/index,php?globalnav=detail&issue_id=285;
http://www,micropress.org/micropen2/index.php?globalnav=detail&issue_id=285

Most of the content is specific, but the Glossary of morphologic terms, although confined in focus and selection of terms, may be of broader interest, particularly concerning its approach and concept. With this glossary, I particularly associate the hope that it will provide links for fruitful discussions and future research, and that critics will help in its further development, i.e., to integrate different views, new data, and widely scattered information into one larger work that is useful for many ostracodologists and applicable to more ostracod groups—possibly to be provided online sometime in the future.

Tom Hill, Steve Stukins

We recently started at The Natural History Museum as Museum Scientists with special responsibilities in micropalaeontology. We would like to work with external stakeholders to explore potential ways in which the NHM micropalaeontology collections and the expertise of NHM staff can be of use to the wider micropalaeontological community in terms of research, education, and commercial contexts. Our roles and responsibilities include advising on collections development needs, training and education opportunities, income-generation potential

and research priorities. We would like to emphasize that wide collaboration and engagement with the micropalaeontological community, and beyond, is at the centre of the Museum's plans and will help underpin progression within the activities described above.

At this early stage, we simply want to make you aware that we have arrived and let you know how to contact us. If you do have any queries or suggestions, please do not hesitate to get in touch. Regular micropalaeontological collection enquiries and/or access requests should continue to be directed to **Dr. Giles Miller**. If you are aware of anyone beyond this mailing list who would benefit from receiving this information, it would be much appreciated if you could forward this information to them.

Department of Palaeontology, The Natural History Museum, Cromwell Road, London SW7 5BD, UK, Thomas.Hill@nhm.ac.uk and S.Stukins@nhm.ac.uk

Ivana Karanovic

I would like to draw your attention to my new book:

Recent freshwater ostracods of the world (Crustacea, Podocopida)
Springer
http://www.springer.com/life+sciences/animal+sciences/book/978-3-642-21809-5

Renate Matzke-Karasz

I would like to announce the publication of a biography of Sebastian Fischer (author of, e.g., *Paradoxostoma*):

Damkaer, D.M. and Matzke-Karasz, Renate, 2012, Sebastian Fischer (1806-1871), Bavarian physician-naturalist in Egypt and Russia: Journal of Crustacean Biology, 32(2): 327-333.

We were lucky to find the resting place of Sebastian Fischer on an old graveyard in Munich, leading us to his descendants living in South Germany. From that point we could find out a lot on this fascinating naturalist.

The first author, David Damkaer, is a retired copepod worker and an experienced biographer of copepodologists (www.dianepublishing.net/Copepodologists_Cabinet_p/0871692406.htm).

For a PDF, please email me at r.matzke@lrz.uni-muenchen.de

Renate Matzke-Karasz

The booklet of our late colleague is now available online:

Griffiths, H.I., 1995, European Quaternary Freshwater Ostracoda: A Biostratigraphic and Palaeobiogeographic Primer: Scopolia, 34:1-168
At: http://ww2.pms-lj.si/publikacije/scopolia/scop_vsebina.html

Kerry Swanson

Kerry has three new books:

Abstracts

Zootaxa 3254:32-54, 2012
Scottoecia—a new genus of halocyprid ostracod, with the description of Scottoecia arabica nov. sp. and the redescription of Bathyconchoecia darcythompsoni (Scott, 1909)
Martin Angel

Abstract
On re-describing two species originally attributed to the halocyprid genus *Bathyconchoecia* (*B. darcythompsoni* Scott, 1909 from the North Atlantic and *B. lacunose* sensu James 1973 from the Gulf of Oman). They were found to show substantive differences from the type species for the genus, *B. paulula*. These differences are:

1. Several carapace characteristics including size, the structure of the rostra and incisures, and the locations of the openings of the carapace glands.
2. Limb structure notably of the mandibles.
3. The exceptionally long dorsal terminal seta on the male sixth limb.
4. The structure of the copulatory appendage.

Zootaxa 3161:1-19, 2012
Nonmarine Ostracoda (Crustacea) from South Korea, including a description of a new species of Tanycypris Triebel (Cyprididae, Cypricercinae)
Cheon Young Chang, Jimin Lee and Robin J. Smith

Abstract
Preliminary surveys of brackish and freshwater habitats in the southeast and east of South Korea produced a total of fifteen species. Ten of these species are new records for Korea, and one additional species, belonging to the genus *Tanycypris*, is newly described herein. Twenty-seven species of nonmarine ostracods are now reported from Korea, but this is probably only a small proportion of the actual number of species inhabiting the peninsula. The presence of *Dolerocypris ikeyai* Smith and Kamiya 2006, *Cryptocandona brehmi* (Klie 1934), *Cryptocandona tsukagoshii* Smith 2011, *Physocypria nipponica* Okubo 1990, and *Vestalenula cylindrica* (Straub 1952) on the Korean Peninsula demonstrates that these species are also distributed on the continent, but are not endemic to Japan.

Journal of Crustacean Biology 30(1):1-55, 2010
Two new bioluminescent ostracode genera, Enewton and Photeros (Myodocopida, Cypridinidae), with three new species from the Caribbean
Anne C. Cohen and James G. Morin

Abstract
Two new genera (*Photeros* and *Enewton*) and three new species of bioluminescent signaling ostracodes (Myodocopida: Cypridinidae) from Jamaica are described. They belong to a large cypridinid clade with male mating displays that we have found only in the Caribbean Sea. The

species-specific displays and habitats in which each occurs are an integral part of each species definition. We postulate that the signaling clade has undergone rapid evolution driven by sexual selection paerticularly in *Photeros* Cohen and Morin, the only ostracode with both species-specific mating displays and clear species-specirfic morphological characters in the large male copulatory (eighth) limbs for each species (see also Morin and Cohen, 2010). *Photeros* comprises at least 19 species that are superficially somewhat similar in morphology (including 3 new species, all with authorship attributed to Morin and Cohen), 5 reassigned herein and 11 undescribed). The new Jamaican species are *P. jamescasei, P. johnbucvki*, and *P. mcelroyi*. Species reassigned herein to *Photeros* are *Vargula parasitica* (with additional description based upon types and new Jamaican material), *V. morini and V. annecohenae* (from Belize), and *V. graminicola* and *V. shulmannae* (from Panama, with new information on lips and copulatory limbs). *Photeros parasitica* is a carrion feeder, not a parasite. We reassign *Vargula harveyi* to a new genus *Enewton* Cohen and Morin, with a more complete species description, including that of the previously unknown males and their bioluminescent mating displays. Morphological and display characters of genera and species are compared in tables. Homologies of morphological characters (some new), particularly in the upper lip, first antenna, seventh limb, and male eighth (copulatory) limb are described and discussed. Because signaling species are highly endemic, shallow signaling species are threatened by an increase in artificial lighting at night where their mating displays now occur. Video of the displays from three new species of *Photeros* are provided in the electronic accessory materials (Appendix 5).

Journal of Crustacean Biology 30(1):56-67, 2010
It's all about sex: bioluminescent courtship displays,morphological variation and sexual selection in two new species of Caribbean ostracodes
James G. Morin and Anne C. Cohen

Abstract
A large clade of cypridinid ostracodes, found only in the Caribbean, uses species specific courtship displays of secreted luminescent, produced by males, to attract photically silent females to mate. We recently described two new genera, *Photeros* and *Enewton*, which are part of this clade (Cohen and Morin, 2010). Within the various subclades of these signaling ostracodes in the Caribbean, only *Photeros* has been shown to have species-specific differences in both their luminescent displays and the morphology of the large male copulatory (eighth) limb (Cohen and Morin, 2010). The apparent ancestral display pattern, which occurs among at least some species in all the signaling clades of Caribbean ostracodes, is produced as a series of pulses of light secreted into the water column mostly in a vertical pattern, either upward or downward, above species-specific habitats. The pulses are of fairly long duration and become shorter and close together. A derived pattern of very rapid pulses, whoich also shows within train interpulse distance shortening, is found only in the genus *Photeros*. It is likely that the high diversity found in this clade and other signaling clades has been driven by the life history patterns in conjunction with sexual selection acting via the courtship displays and their reproductive structures.

Zootaxa 3140: 15—37, 2011
Groundwater, spring and interstitial Ostracoda (Crustacea) from Shiga Prefecture, Japan,

including descriptions of three new species and one new genus
Robin J. Smith

Abstract
During surveys of a variety of groundwater, spring and interstitial habitats (e.g. in river bars, domestic wells, springs, and seeps) in Shiga Prefecture, Japan, a total of 15 ostracod species were recovered and identified. Three species and one genus are described for the first time herein, *Undulacandona spinula* n. gen and n. sp., *Cryptocandona tsukagoshii* n. sp. and *Cavernocypris cavernosa* n. sp. *Microdarwinula zimmeri* (Menzel, 1916) is reported for the first time from Japan. *Dolerocypris ikeyai* Smith & Kamiya, 2006, *Eucypris pigra* (Fischer, 1851) and *Cryptocandona brehmi* (Klie, 1934) are new records for Shiga Prefecture.

Zootaxa 3063: 64—68, 2011
A new species of Keysercypria Karanovic (Crustacea: Ostracoda) from Argentina
Analia R. Diaz and Estela C. Lopretto

In her revision on Recent Cyclocypridinae, Karanovic (2011) erected the new genus *Keysercypria,* endemic of the Neotropical Realm. The aim of this study is to describe and illustrate a new species within the genus recorded from the lower Parana region, according to the recently proposed division of the world freshwater ecosystems (www.feow.org). The new species represents the most southern record of the genus.

Zootaxa 3356: 1-46, 2012
Doloria Antarctica, a new species of marine benthic ostracods (Myodocopina) from the Southern Ocean
Vladimir G. Chavtur, Simone N. Brandao, and Alexander G. Bashmanov

Abstract
The project ANDEEP was designed to fill gaps in the knowledge of the biodiversity of the Southern Ocean deep sea. Three oceanographic cruises (ANDEEP I, II, and III) were undertaken in 2002 and 2005 in the Atlantic Sector of the Southern Ocean. Hundreds of samples were collected from 40 stations with water depths ranging from 748 to 6348 m. Investigations were carried out on a broad range of taxa, including bacteria, meio-, macro-, and megafauna. Approximately 5000 ostracods were collected, which included 29 specimens of *Doloria (Dolorietta)* subgen. nov. The subdivision of the genus *Doloria* Skogsberg, 1920 into two subgenera, *Doloria (Doloria)* and the novel subgenus *Doloria (Dolorietta)*, is based on differences in the structures of the fifth limb, the armature of the sensory bristle on the 5th segment of the antennule, and the number of bristles on the 4th endite of the sixth limb. Four new species in the new subgenus were identified from the ANDEEP samples. The new subgenus and the four novel species are described and illustrated. Two of these new species are named *Doloria (Dolorietta) antarctica* sp. nov. and *Doloria (Dolorietta) sextafiliformis* sp. nov., but the other two species are left in open nomenclature (i.e., *Doloria (Dolorietta*) sp. nov. 1 and *Doloria (Dolorietta*) sp. nov. 2) because only juveniles were found in our material. Keys to the subgenera and species of *Doloria* are provided.

Zootaxa 3335: 29-53, 2012
Recent Ostracods (Arthropoda, Crustacea) from Sao Pedro Paulo Archipelago, Brazil: A preliminary approach
Lucas Silveira Antonietto, Claudia Pinto Machado, Dermeval Aparecido Do Carmo, and Jose Wilson Correa Rosa

Abstract
The present study analyses ostracods from sedimentary samples collected in the Sao Pedro-Sao Paulo Archipelago, a small set of remote rock islands located northeastern to the Brazilian coast. Thirteen species were identified, and their zoogeographic distribution was studied. An emendation for *Keijcyoidea praecipua* (Bold, 1963) is proposed in this paper. The distribution of the species which occur in the archipelago varies significantly: *Triebelina sertata* Triebel, 1948, is a cosmopolitan species; *Loxoconcha (Loxocorniculum) tricornata* is assumed to occur from the Caribbean Sea to the tropical portion of the Brazilian coast and western Africa. *Keijcyoidea praecipua* is recorded through the Pacific and Atlantic coasts of Central America and northeastern Brazil. *Xestoleberis toni*? Wouters, 2003 and *Triebelina* cf. *intermedia* Witte, 1993 are known from the African coast. *Neonesidea tenera*? (Braduy, 1886) emend. Maddocks, 1969 is found along the Indian and Pacific oceans. The species *Pontocypris (Ekpontocypris) pirifera*? (Muller, 1894) is also present in the western European coast and the Mediterranean Sea. Six species are probably new and have not been observed elsewhere: *Aurila* sp. 1, *Paradoxostoma* sp. 1, *Paradoxostoma* sp. 2, *Xestoleberis* sp. 1, *Xestoleberis* sp. 2, and *Xestoleberis*? sp. 3.

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Obituary

Dr. Heinz Malz

20 August 1931 – 9 April 2011

Heinz Malz spent his working life in the Senckenberg Forschungsinstitut und Naturmuseum in Frankfurt-am-Main. Indeed, he was a genuine Frankfurter, having been born in Bockenheim, the same district as the museum and attending school only a few hundred metres from the museum building. As a schoolboy, he was a frequent visitor to the Naturmuseum. He attended Frankfurt University (also in the same district of Frankfurt), graduating Diplom-Geologen in 1953, and then carried out doctoral research on Upper Jurassic ostracods from NW Germany, France and England, supervised by Professor Rudolf Richter – he was Richter's last student. On completion of the doctoral work in 1957, he joined the Senckenberg where he overlapped with the legendary ostracod worker Erich Triebel (1894-1971). Initially Malz had a contract to work on "Mesozoic animals", which in reality meant Mesozoic ostracods with the intention that he would eventually succeed Triebel; in the meantime Triebel concentrated on younger ostracod material. In 1963 Malz was appointed Kustos (Curator) and in 1969 followed Triebel as Sektionsleiter (Section Leader) for Micropalaeontology after the latters' retirement. Heinz Malz is thought of primarily as an ostracod worker, developing the tradition of ostracod research in Frankfurt established by Triebel, but he published widely on other subjects, in part reflecting the collections for which he became responsible. Thus his publications cover trace fossils and vertebrate tracks, decapod crustaceans, otoliths, vertebrates, foraminifera (with **Helmut Bartenstein**) and popular works on the Jurassic fossils of Solnhofen and Holzmaden. In addition, he hosted the first European Ostracodologists' Meeting (EOM 1, Frankfurt 1989), editing both a pre- and a post-conference volume (*Courier Forschungsinstitut Senckenberg* 113 (1989) and 123 (1990)), and for some years edited the journal Senckenbergiana lethaea. Malz was also a stalwart supporter and participant in the now defunct European Micropalaeontological Colloquia, a series of collecting

excursions that provided an opportunity to enhance the Senckenberg collections. He retired in 1994 but contined to work with ostracods from his new home in Bramsche, near Osnabruck.

Every person is unique, we are told, but Heinz Malz was a greater individualist than most of us. He had an opinion on many subjects, individual, well thought out, not imposed on others, but usually unshakeable. He was particularly clear on the importance, on the primacy of collections, and on the key role of careful curation, as basic tools for research. In recent years he had become worried by the way in which modern museums appear to have downgraded the role of caring for, expanding and using collections – what are museums for, especially research museums, if not exhibiting, explaining, studying, growing and publishing on their collections?

I first met Heinz Malz at the Hamburg Ostracod Conference (1974) and in 1976 spent a week with him that led to our first joint paper. That paper was in preparation for *A stratigraphical index of British Ostracoda (*1978), which was itself modeled on the *Leitfossilien der Mikropalaontologie* (1962) for which Malz was a contributor. Other collaborations followed over the years. Most recently, we had prepared obituaries for **Helmut Bartenstein** and **Erich Brand** (Malz and Lord 2011), a task that sadly was completed the day before the final illness. My last memory of a good and firm friend is a happy one—dinner with his family in late March in Bramsche, an evening of laughter, good company, good food and, of course, good red wine.

Alan Lord
Frankfurt-am-Main

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