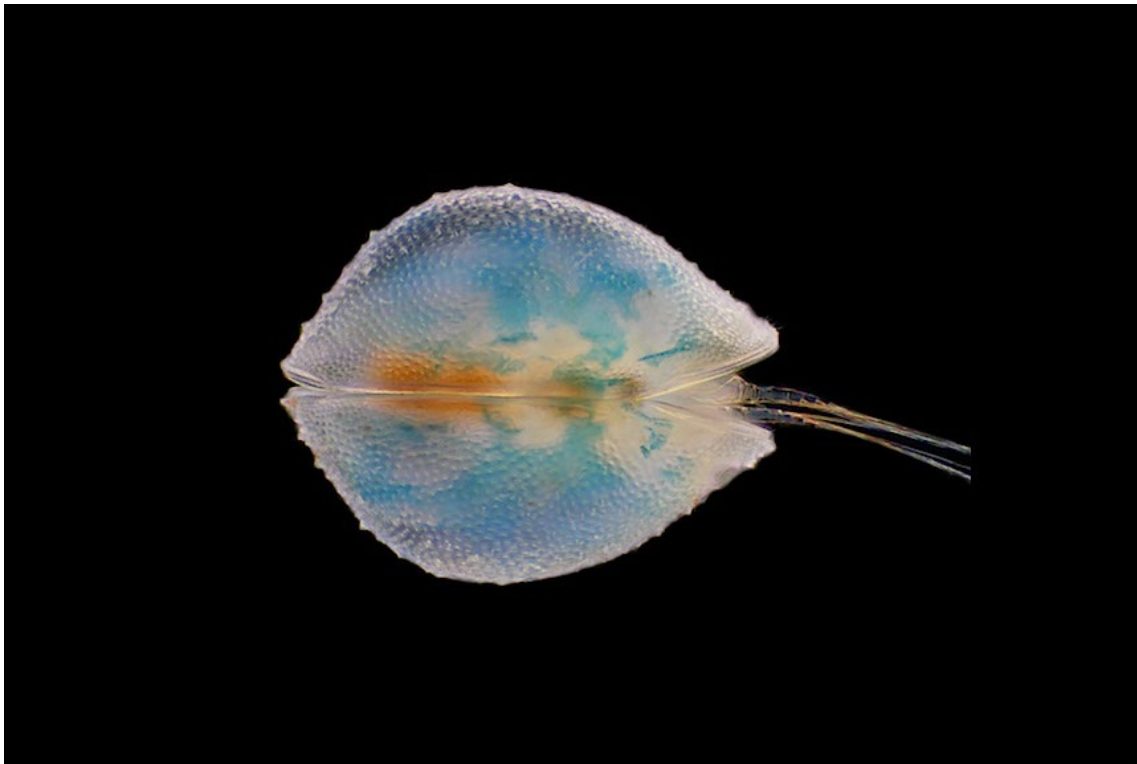


# CYPRIS

2007

Number 25

Editor: Elisabeth Brouwers



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

# **CYPRIS**

**2007**

**International Newsletter for Ostracode Workers**

**Editor: Elisabeth Brouwers**

# ACTIVITIES

## ARGENTINA

### Sara C. Ballent

- She is working on Mesozoic-Cenozoic marine ostracods, mainly those of Gondwandine distribution. These faunas have implications for intercontinental correlation and reconstruction of paleo-migration routes. She works on Upper Paleozoic-Triassic to Recent non-marine ostracods from Argentina, including updating the systematics.
- Submitted: S. Ballent and R. Whatley, Taxonomy and zoogeography of the Mesozoic Cytherurid Ostracoda from west-central Argentina: *Palaeontology*.

### Ana Paula Carignano

She is working on her PhD with **Dr. Sara Ballent** in calcareous microfossils from the Upper Cretaceous-Early Tertiary from non-marine environments, in taxonomic and paleoenvironmental research.

### Gabriela C. Cusminska

She works on taxonomic, palaeoecological, and paleoenvironmental research of Upper Tertiary, Quaternary, and modern lacustrine ostracods from Argentina, in particular the Patagonia area. Some topics include:

- Reproductive strategies in lacustrine ostracods from northern Patagonia
- Systematic and paleoenvironmental interpretation of lacustrine cores from Cari-Laufquen and Cardiel lakes in Patagonia.

This research is included as part of a multidisciplinary project.

### Cecilia Laprida

- Working on non-marine ostracods from the Pampas Plain and from the Andean region of Argentina. The main objective of this research is to reconstruct the palaeohydrological evolution of permanent water bodies during the last millennia, in order to achieve paleoclimatic hypotheses from both areas.
- Studying marine ostracodes from the southwest South Atlantic inner shelf from Holocene cores.
- Organized a new laboratory dedicated to the study of Quaternary continental and marine cores: the SACMa (Sondeos de Ambientes Continentales y Marinos) at Buenos Aires University.

### Maria Jose Salas

I am working on the Ordovician ostracods from Argentina. Now I focus on the Tremadocian ostracods from northwestern Argentina. The study deals with the taxonomy and paleobiogeography of this fauna.

## AUSTRALIA

### Ivana Karanovic

- I moved to Tasmania and am also an Honorary Curator at the Tasmanian Museum and Art Gallery
- I am actively working on the subterranean ostracods from Australia

- My book on the Candoninae fauna of the Pilbara Region in Western Australia has been published.

### John Neil

- I am continuing work on the Middle Miocene ostracode assemblages from the Batesford quarry in Victoria, though precedence at present is being given to a paper on an Early Miocene freshwater ostracode assemblage from Riversleigh in North Queensland. There are few, if any, records of freshwater Ostracoda of this age. Though the preservation is not good, and the taxonomy fairly inconclusive, the assemblage is of significant interest. In addition, a procedure suggested by Tarsilli and Warne for the extraction of calcitic fossils from indurated limestone (in this case, tufa) is being experimented with.
- I continue working on the ultrastructure of the ostracode carapace (especially microreticulation).
- No papers have been published since 2006, when two were noted in the last *Cypris* Newsletter.

### Mark Warne

Worked on three research programs that utilize ostracod proxies as indicators of environmental and landscape change:

- Evolution of southeast Australian late Neogene coastal landforms and associated habitats
- Estuarine faunas of the Holocene Climatic Optimum in southern Victoria
- Modern history of estuarine ostracod faunal and associated environmental change

## AUSTRIA

### Robert Buttinger

I am a student at the University of Vienne, writing my thesis, supervised by **Dan Danielopol** (Institute for Limnology, Mondsee) and **Martin Zuschin** (University of Vienne, Department of Paleontology), on Late Miocene (Pannonian) ostracods from St. Margarethen in Burgenland. My thesis is part of the project “*Diversity of Recent subterranean and Paratethyan Ostracods*”. The main subjects of my research are the systematics and paleoecology of ostracods like candonids, *Cyprideis*, *Hemicytheria*, *Herpetocyprilla*, and other herpetocypridinae.

### Dan L. Danielopol

- During 2005-2007, I was involved in two multidisciplinary projects: (A) Diversity of Recent subterranean and Paratethyan ostracods, and (B) Decadal Holocene and Late-glacial variability of the oxygen isotopic composition in precipitation over Europe reconstructed from deep-lake sediments (more precisely, we deal with the description of ostracod fauna from Mondsee Lake in Austria and Hancza Lake in Poland, i.e., the documentation of developmental trajectories of selected ostracod species and with palaeoecological reconstructions derived from the ostracods). The two projects will continue until the end of 2008.
- At 31.12.2007, I will leave the Institute of Limnology in Mondsee because of the obligatory retirement. I will continue to work at home in Salzburg (e-mail address [ddanielopol@gmx.net](mailto:ddanielopol@gmx.net)) and will have also the possibility to use the facilities of the Commission for the Palaeontological and Stratigraphical Research on Austria (CPSA), belonging to the Austrian Academy of Sciences (AAS), at Graz (Kommission fuer die palaeontologische und stratigraphische Erforschung, Heinrichstrasse 26, A-8100 Graz).

Note that my AAS e-mail address ([dan.danielopol@oeaw.ac.at](mailto:dan.danielopol@oeaw.ac.at)) remains unchanged until the beginning of 2009.

- The ostracod collections and the ostracod data bank for morphometric analysis of the valves will move to Graz, Landesmuseum Joanneum (Dept. of Geology and Palaeontology) and to the Natural History Museum in Vienna (Department of Zoology-Crustacea).
- Within these two projects, a whole group of students are actively involved: **K. Minati** (Univ. of Graz) is preparing a Doctorate thesis, **S. Iepure** (Inst. of Speology E.G. Racovitza, Cluj) completed a Doctorate thesis, **R. Buttinger** (Univ. of Vienna) and **W. Neubauer** (Univ. of Salzburg) completed a Masters thesis. **Dr. T. Namiotko** (Univ. of Gdansk) works as a part-time post-doc.
- The main aspects of these projects are: (1) Identification of the main fossil taxonomic groups for the ostracod fauna from the Pannon Lake and their satellite basins. For several groups, we reconstructed their phylogenetic relationships with the Recent surface and subterranean taxa as well as their origin (i.e., autochthonous taxa from Lake Pannon or allochthonous nonmarine forms); (2) Documentation of their developmental trajectories with the help of the Recent taxa; (3) Investigation of the degree of morphological diversity of the valves for selected lineages (approximate definition of polymorphic species) with characterization of the morphological variability within populations and comparative studies of valves disparities among populations from different sites. One of the important achievements in our laboratory was the development of a morphometry computer-programme adapted for the investigation of ostracod outlines. The programme (Morphomatica 1.6 with a detailed manual) can be downloaded from the home page of the Institute of Limnology (until 15.12.2007) and later on will be probably available from Commission for the Palaeontological and Stratigraphical Research on Austria (CPSA) in Graz (for additional information, please contact per e-mail DLD).

### **Wolfgang Mette**

My current work is concerned with Permian-Triassic ostracods from the Southern Alps. Besides the taxonomic work, the ostracod research includes palaeoecological aspects and the P/T extinction pattern. A fellowship for a doctorate thesis about this topic has been applied for. Three diploma students have started this year to work on the sedimentology, isotope geochemistry, and micropalaeontology of various P/T sections in the Dolomites.

### **Klaus Minati**

I am a PhD student supervised by **Dan Danielopol** (Mondsee) and **Werner Piller** (Graz), working on Late Miocene nonmarine ostracods of the long-lived Lake Pannon (Vienna and Styrian Basins, Austria). The focus of our work within the project “*Diversity of Recent subterranean and Paratethyan Ostracods*” is the palaeoecological reconstruction of past aquatic habitats. The main subjects of our research are ostracods like *candonids*, *Cyprideis*, and *Vestalenula*.

### **Irene Zorn**

After two years of absence from my position, I continued in 2003 my studies on ostracodes, focusing on the Badenian of the Lower Austrian Molasse Basin with papers on the Grund and Gaiendorf Formation and contributed a review on the ostracodes from the Karpathian to the volume “*The Karpathian—A Lower Miocene Stage of the Central Paratethys*”. A second interruption from my studies for more than one year had been the moving of the Geological Survey to a new building when I had to organize the packing and reorganization of the collections for which I am responsible since that time and which still take much of my time. Besides managing the collections, I worked for the mapping programme on the ostracodes from the maps

Hollabrunn (Eggenburgian-Sarmatian) and Hadres (Badenian to Pannonian) in the Molassezone of Lower Austria. Fortunately, I also found time to work on the ostracodes of the Badenian localities Bad Voslau and Baden-Sooss from the Vienna Basin and the Ottnangian ostracodes from Upper Austria (map Ried im Innkreis). Furthermore, I occasionally studies Cretaceous ostracodes from the Lower Gosau Subgroup (Turonian-Santonian) of the Northern Calcareous Alps from Salzkammergut (Upper Austria: Hofersgraben, Eisenbach) and Totes Gebirge (Styria: Weissenbachalm). Together with **Holger Gebhardt**, I worked on the Cretaceous ostracodes from the Tarfaya Basin (Morocco).

## BELGIUM

### Jean-Georges Casier

- During 2007, and in collaboration with **A. El Hassini** (Scientific Institute, Rabat) and **A. Preat** (University of Brussels), Jean-Georges Casier (Royal Belgian Institute of Natural Sciences) has finished a study of Middle and Upper Devonian ostracods from the Tafilalt (Morocco). That study concerns ostracods present from the upper part of the Eifelian to the base of the Famennian in the Djebel Irdane, Bou Tchrafine and El Atrous sections. A paper has been submitted to the *Revue de Micropaleontologie*.
- In collaboration with **E. Olempska** (Polish Academy of Sciences), he also finished the study of Middle Frasnian ostracods present in the famous Frasnies railway section. Also in collaboration with **E. Olempska**, he started the study of ostracods from the Arche quarry, another classic reference section in the type region for the definition of the Frasnian stage. These two studies are in reality related to the world-wide perturbation in the earth-ocean system observed during the *punctata* Zone. Yans *et al.* (2007) have recently demonstrated an abrupt and high-amplitude negative carbon isotopic excursion in the *punctata* Zone, and the two above mentioned studies aim to establish if yes or no ostracods suffered from an allegedly Early-Middle Frasnian crisis in the type region. A paper on ostracods present in the Frasnies railway section has been submitted to the *Bulletin de l'Institut royal des Sciences naturelles de Belgique, Sciences de la Terre*.
- During 2007, he also studied ostracods collected by **P. Racheboeuf** (West Bretagne University, France), in the Belen Formation at Pisacavina (Altiplano, Bolivia). Despite the poor state of preservation, but it is the case for all the Malvinokaffric ostracod fauna, 14 species are recognized at Pisacavina. Their study shows that the “Neritic Malvinokaffric ecotype” introduced recently by Lethiers *et al.* (2001) is questioned. The ostracod fauna of Pisacavina belongs in reality to the worldwide recognized Eifelian Mega-Assemblage, and they are more precisely indicative of a relatively moderately deep and calm poorly oxygenated environment.
- Finally, in 2007, he started the study of ostracodes present in the Givetian of the Mont d’Hairs at Givet, France.

### Koen Martens, Isa Schon, and research group

The research group at the Royal Belgian Institute of Natural Sciences, Brussels, consisted in 2007 of:

PhD students

- **Saskia Bode**, PhD student, University of Sheffield, UK (with **R. Butlin**);  
Phylogeography of *Eucypris virens*
- **Sukonthip Savatentalinton**, PhD student, University of Ghent, Belgium; Taxonomy of non-marine Ostracoda from Thailand (with **G. Borgonie**)

- **Thijs Van der Meeren**, PhD student, University of Ghent, Belgium; (Palaeo-)Ecology of non-marine ostracods from western Mongolia (with **D. Verschuren** and **E. Ito**)
- **Simone Nunes Brandao**, PhD student, University of Hamburg, Germany; Phylogeography and phylogeny of marine Cypridocopina (with **D. Keyser**)
- **Valentina Pieri**, University of Trieste, Italy (finished PhD 2007); Non-marine ostracods from Italy (with **G. Rosetti**)
- **Ricardo Pinto**, University of Sao Paulo, Brazil (finished PhD 2007); Taxonomy and ecology of (semi-) terrestrial ostracods from Brazil (with **C. Rocha**)

Master's students

- **Lynn Vandenbroeke**, University of Ghent, Belgium; DNA repair in non-marine ostracods
- **Shanna Vanblaere**, University of Ghent, Belgium; Transposable elements and the mode of reproduction in non-marine ostracods
- **Tessa Major**, University of Ghent, Belgium; Valve morphology in *Eucypris virens*

Koen is coordinator of the Sexasex project (see below), which comprises 9 labs in 9 countries. Isa is PI of the Brussels lab. This project employs the following PhD students and post docs:

**Sexasex students:**

- **Sofia Adolfsson**, University of Montpellier, France
- **Saskin Bode**, Royal Belgian Institute of natural Sciences, Brussels, Belgium
- **Olivier Schmit**, University of Valencia, Spain
- **Radka Symonova**, University of Munich, Germany
- **Maria-Joao Martins Fernandez**, University of Parma, Italy
- **Dorota Paczesniak**, University of Sheffield, UK

**SexAsex postdocs:**

- **Andrew Park**, University of Montpellier, France
- **Dunja Lamatsch**, University of Sheffield, UK
- **Jochen Vandekerckhove**, University of Gdansk, Poland
- **Ruza Bruvo**, University of Sheffield, UK

Funded research topics in 2007:

- Koen coordinates the EU-funded Research and Training Network in the Marie Curie programme on evolutionary interactions between sexual and asexual lineages, using the ostracod *Eucypris virens* as model organism. The Brussels Lab (Isa is PI) is in charge for investigating phylogeography and genetic signatures of asexuality in *Eucypris virens* with one Early State Researcher (**Saska Bode**) and one Postdoc (**Dunja Lamatsch**, finished in Brussels in 2006). This project as a whole runs for 4 years (2004-2008) and employs six Early Stage Researchers and four Postdocs in 9 European laboratories. The project deals with molecular biology, genomics, ecology, phylogeny and phylogeography, modeling, etc., and investigates geographic parthenogenesis, relevance of parasitic load, functionality of rare males, and so on.
- We continue to study taxonomy, phylogeny, and ecology of non-marine ostracods from the world, presently with focus on Africa, Thailand (with **Sukonthip Savatnalinton**), Mongolia (with **Thijs Van der Meeren**), Italy (with Valentina Pieri and Giampaolo Rossetti), and South America (with **Janet Higuti** and **Ricardo Pinto**).
- Ostracod diversity and speciation in ancient lakes (Baikal, Tanganyika), in the European Science Foundation project on “*Molecular Archives in Ancient Lakes*” (Koen and Isa are Co-PI for the Brussels lab in this project).

- Evolutionary ecology and genetics of putative asexual darwinulid ostracodes 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 (project of the Belgian Science Policy—Belspo) (with **Irina Arkhipova**).
- Taxonomic revision of the Australian genus *Bennelongia* (with **Stuart Halse**).
- Phylogeography and phylogeny of marine Cypridocopa from the deep-sea off the Antarctic shelf (with **Simone Nunes Brandao**).
- Koen assisted **Renate Matzke-Karasz** and **Michael Schudack** with editing the *Hydrobiologia* proceedings of the Berlin meeting.
- Some non-ostracod related activities include:
  - Editing of the book “*Lost sex*” (**Isa Schon, Koen Martens, Peter Van Dijk**) on asexual reproduction in animals and plants.
  - Koen is coordinator of the Federal part of the Belgian Biodiversity Platform, which promotes interaction between scientists and policy makers in the field of (aquatic) biodiversity. The platform implements projects such as SCARMARBIN (on Antarctic Biodiversity databases) and FADA (Freshwater Animal Diversity Assessment). The latter project produced a special volume of *Hydrobiologia* (vol. 595, see below), in which the specific and generic diversity of all freshwater animal groups in the world is described.
  - Koen coordinates a Belgian project on the use of biodiversity in small water bodies to assess (agricultural) landscape integrity.
  - Koen is editor-in-chief of *Hydrobiologia* and series editor of two book series.
  - Isa is president of BeWiSe, the association of Belgian Women in Science.

### **Marc Peeters**

Studies the distribution of Recent ostracod fauna in sediment samples of the Belgian part of the North Sea.

### **Robert Speijer**

Biogeology, K.U. Leuven, Belgium. Research in the Biogeology research group of the K.U. Leuven continues to focus on improving the understanding of bio-geosphere interactions during the early Paleogene with a particular focus on the Paleocene-Eocene thermal maximum (PETM) and the Danian/Selandian transition. Some of us contribute to this endeavor through ostracod studies. **Jimmy Van Itterbeeck** (now Shell Libya) studies assemblages from the marine Sidi Nasseur section in Tunisia and observed a modest but distinct faunal change across the Danian/Selandian boundary, related to shallowing and productivity increase (Van Itterbeeck et al., 2007b). We also documented for the first time a Bairdiid genus (*Oculobairdoppilata*) which appears to have had eyes (Van Itterbeeck et al., 2007a).

- **Andre Bornemann** (now Leipzig University), who briefly succeeded Jimmy in our lab, continued Jimmy’s work by unraveling stable isotopic (O, C) signatures on some of the marine taxa of Sidi Nasseur. He finds consistent differential isotopic patterns between smooth and ornamented marine taxa, also in some modern representatives. These results were presented on several occasions (Bornemann et al., 2007).
- **Mohsen Morsi** of Ain Shams University, Cairo is our Egyptian expert colleague who has been dealing with ostracods from the Paleogene and the PETM of Egypt and Tunisia. With respect to the PETM, we are assessing the role of climatic and paleoceanographic changes on the evolution and migration of Tethyan assemblages. Our preliminary observations on the PETM in Tunisia show Paleocene assemblages similar to those in

southern-central Egypt (Stassen et. al., in press), but a completely different lowermost Eocene sequence (Speijer *et al.*, 2007).

Meeting presentations:

- Bornemann, A., Van Itterbeeck, J., Schulte, P., Steurbaut, E., and Speijer, R.P., 2007, Stable isotope signature ( $\delta^{13}\text{C}$ ,  $\delta^{18}\text{O}$ ) of marine ostracods from the Danian/Selandian boundary (Paleocene, Tunisia). Presented at: European Ostracodologists meeting IV, September 5-7, 2007, Frankfurt, and at European Geosciences Union, General Assembly 2007, April 15-20, Vienna.
- Speijer, R.P., Morsi, A.M., and Stassen, P., 2007, Differential extinction between ostracodes and benthic foraminifera during global warming at the Paleocene/Eocene boundary. Presented at European Ostracodologists Meeting IV, September 5-7, 2007, Frankfurt.

### Karel Wouters

- Research focused on the taxonomy and distribution of marine and brackish Cypridacea, and interstitial ostracods, mostly from the Indian and Pacific oceans. He published his results on the taxonomy and zoogeography of the Family Saididae and on the *Cyprideis* species flock of Lake Tanganyika (together with **K. Martens**).

## BRAZIL

### Cristianini Bergue

- I have been working with both Cretaceous and Cenozoic deep sea ostracodes.
- Graduate students: Co-advisor of **Demetrio Dias Nicolaidis** (Campos Basin bathyal ostracodes) and **Enelise Katia Piovesan** (Para-Maranhao Cretaceous ostracodes).

### Dermeval A. Do Carmo

- He is the head of the Laboratory of Micropaleontology and curator on fossil collection from Museum of Geosciences at the Institute of Geosciences, University of Brasilia, UnB. Since 2005, as chairperson, he is engaged on the 16<sup>th</sup> International Symposium on Ostracoda to be held in Brasilia, the capital of Brazil. This edition of symposium is planned to take place in the last week of July 2009, and a call for works on biostratigraphy and applied ecology is accessible in website of the 16<sup>th</sup> ISO.
- He is working mainly with Lower Cretaceous limnic ostracodes from Brazilian basins, focused on taxonomy, paleoecology, and biostratigraphy.
- In 2008, three more ostracodologists are working with him in the Laboratory of Micropaleontology at the Institute of Geosciences:
  - **Dr. Silvia Regina Gobbo** on Lower Cretaceous limnic ostracods. She finished her PhD in the National Museum in Rio de Janeiro State and, since early this year, joined the team in Brasilia.
  - After May, **Dr. Ricardo Lourenco Pinto** on Recent and fossil limnic ostracods. He is moving from Sao Paulo city, Sao Paulo State, in order to become a member of the newest Brazilian ostracodologist team. His expertise on Recent ostracodes will improve the integration between studies on fossil and Recent ostracodes.
  - **M.Sc. Ricardo Piazza Meireles** on limnic and marine ostracods from Alagoas Stage (uppermost Aptian-Lower Albian). He quit his lecturer activities in Santos

city, Sao Paulo State, and moved back to Brasilia in order to work in taxonomy, paleoecology, and biostratigraphy of Cretaceous ostracodes.

- Graduate students:
  - **Claudio Magalhaes** de Almeida, PhD student, on Cretaceous/Paleogene ostracods from the Santon Basin, co-supervised by **Dr. Gerson Fauth**, UNISINOS.
  - **Mylene Born-Berbert**, PhD student, on geochemistry of karstic Recent ostracods from Lagoa Santa, Minas Gerais State, supervised by **Dr. Roberto Ventura Santos**.
  - **Henrique Zimmermann Tomassi**, M.Sc. student, on Permian/Triassic ostracods from Parana Basin.
  - **Lucas Silveira Antonietto**, M.Sc. student, on Lower Cretaceous limnic ostracods from Araripe Basin, co-supervised by **Dr. Carlos Alvarenga**.
- Undergraduate students:
  - **Jose Eduardo Lima** and **Guilherme de Freitas Carvalho**, students on geology, on Lower Cretaceous ostracods from Santana Formation, Araripe Basin, co-supervised by **Dr. Silvia Regina Gobbo**.
  - **Allan de Brito Nunes**, student on geology, and **Anna Abrahao**, student on biology, on limnic and marine ostracods from Alagoas Stage from Riachuelo Formation, Sergipe Basin (uppermost Aptian-Lower Albian), assisted by M.Sc. **Ricardo Piazza Meireles**.
  - **Maria Alice**, student on geology, assisted by **Lucas Silveira Antonietto**, on Lower Cretaceous limnic ostracods from Batateira beds, Araripe Basin.
  - **Gabriel Lamounier**, student on geology, on Cretaceous ostracods from Santos Basin, assisted by M.Sc. **Claudio Magalhaes de Almeida**.

### Joao Carlos Coimbra

Has been working on the following projects:

- A long-term project on the taxonomy and zoogeography of Brazilian marine ostracods, with **Maria Ines Feijo Ramos**
- Southwestern Atlantic Quaternary palaeoceanography based on calcareous microfossils (mainly ostracods), stable isotopes, and trace elements, with **Cristianini Trescastro Bergue, Felipe Toledo**, and **Candido A.V. Moura**
- Ostracods from the Brazilian oceanic islands (Atol das Rocas, Tridade and Fernando de Noronha)
- Miocene and Pliocene ostracodes and planktonic foraminifers and their applications to palaeoenvironmental and biostratigraphical analysis, Pelotas Basin (southernmost Brazil), with **Ana Luisa Carreno**

Completed thesis topics:

- **Claudia Pinto Machado** finished (at the beginning of 2008) her PhD thesis on the taxonomy and zoogeographical significance of the ostracode fauna from the NE shelf of Brazil
- **Demetrio Nicolaidis** concluded his Masters thesis (at the beginning of 2008) on some deep sea ostracods from lake Quaternary cores of the Campos Basin, Brazil (co-advised by **Cristianini Trescastro Bergue**)

I have two PhD students:

- **Adriana Leonhardt** is working on palaeoceanography (based on calcareous nannofossils) of drillholes from Santos Basin, southern Brazil (co-advised by **Felipe Toledo**)
- **Demetrio Nicolaidis** has begun his PhD thesis on ostracods and paleoceanography of the Lake Quaternary from Campos Basin, Brazil.

I have one M.Sc. student:

- **Renata Giacomel** is concluding a study on planktonic foraminifers and isotope stratigraphy from the Quaternary of the Santos Basin, Brazil.

### **Gerson Fauth**

Summary of activities:

- Santonian and Campanian marine ostracodes from Santos Basin
- Albian ostracodes from Campos, Santos, and Espirito Santo Basins
- Cenomanian ostracodes from Naur Formation, Jordanian (with **C.T. Bergue, A. Favez, J.P. Colin**)

Students:

- **Enelise Piovesan** (postgraduate student)—Upper Cretaceous marine ostracodes from Para-Maranhao Basin
- **Gislaine Bertoglio** (postgraduate student)—The marine ostracodes from Jandaira Formation
- **Daiane Ceolin** (postgraduate student)—Upper Cretaceous ostracods from Santos Basin

### **Claudia Pinto Machado**

I am currently working on Cretaceous (mostly Albian) ostracodes from the South Atlantic Brazilian margin, and Brazilian Recent, shallow marine ostracodes—taxonomy and zoogeography.

### **Demetrio Dias Nicolaidis**

- During 2007, I obtained my Master of Science degree, studying Quaternary bathyal ostracodes from the Brazilian margin
- In 2008, I will be working on Cretaceous (mostly Albian) ostracodes from the South Atlantic Brazilian margin and also starting as a Doctoral student researching deep-sea Quaternary ostracodes off of the Brazilian margin, focusing on paleoceanographic, paleobiogeographic, and taxonomic studies.

### **Maria Ines Faijo Ramos**

I have been working in two main projects supported by the Brazilian research financial agency (CNPq):

- Paleontologia, Sedimentologia e Estratigrafia dos depositos terciarios da Formacao Solimoes, Sudoeste da Amazonia Ocidental
- Paleoecologia e Bioestratigrafia da Formacao Pirabas, Nordeste do estado do Para

I have also been studying Recent ostracods from the Brazilian coast.

My curation activities: Paleontology Collection (Invertebrate and Microfossils Collection) from the Museu Paraense Emilio Goeldi.

I am supervising one graduate student: **Arthur Aragao** is a volunteer collaborator who is helping me in the studies of the Neogene ostracods from Pebas/Solimoes Formation; and two post-graduate students sponsored by CNPq, Brazil: **Anna Andressa Nogueira** ([bioannal100@yahoo.com.br](mailto:bioannal100@yahoo.com.br)) is studying the Neogene ostracods of *Haplocytheridea* from

Pirabas Formation, and **Livia Isadora Guimaraes** is starting to study the Neogene mollusks from Solimoes Formation.

Submitted papers:

- Wesselingh, F.P. and Ramos, M.I.F., Miocene mollusks from Benjamin Constant (Amazonas, Brazil): Ameghiniana.
- Ramos, M.I.F., Coimbra, J.C., and Whatley, R.C., Taxonomy and zoogeography of the Family Thaerocytheridae Hazel, 1967 (Ostracoda) from southern Brazilian continental shelf: Ameghiniana.

Paper in preparation:

- Ramos, M.I.F., Coimbra, J.C., Whatley, R.C., and Bergue, C.T., Recent marine ostracods (Family Trachyleberididae) from southern Brazilian continental shelf.

## CANADA

### Joan Bunbury

- I am using freshwater ostracodes and fossils of other aquatic organisms to quantitatively reconstruct different scales of environmental change in the southwest Yukon Territory, Canada
- I am working on the biogeography of freshwater ostracodes in the Canadian Arctic.

### Qadeer Siddiqui

Continues taxonomic and biostratigraphic studies on Early Tertiary ostracods from the Sor and Sulaiman Ranges of Pakistan.

### Finn Viehberg

- He successfully extended his Feodor-Lynen Research Fellowship from the Alexander von Humboldt-Foundation (AvH) to continue his research project on paleolimnology in the eastern Canadian Arctic using micro crustaceans.
- The modern dataset on Ostracoda from northeast Canada was extended to the east side of Hudson Bay/northern Quebec. The dataset holds a total number of 60+ lakes. In a long term perspective, the dataset will be merged with the Siberian dataset of **Sebastian Wetterich** (Germany).
- He supported an atlas of Baltic Sea ostracode species, which holds an identification key and images to promote ostracodes as bio- and/or paleoproxy to wider audience (led by **Peter Frenzel** with further contributions of **Dietmar Keyser**).

## CZECH REPUBLIC

### Radka Symonova

I work at Charles University in Prague on cytogenetics and microanatomy/histology of ostracods.

## EGYPT

### Ashraf M.T. Elewa

I devoted my work on Mass Extinction with special focus on the five major extinctions, as well as some minor extinctions of the fossil record. This work is successfully edited in a book entitled *Mass Extinction*; see details in the following website:

<http://www.springer.com/west/home/geosciences?SGWID=4-10006-22-173679911-0>

## ESTONIA

### Tonu Meidla

I am continuing my research on Ordovician and Silurian ostracods of the Baltoscandian region, with occasional excursions to the faunas of other areas, in close cooperation with **Oive Tinn** (Tartu, Estonia).

### Kadri Sohar

- Doctoral student, working on freshwater Quaternary paleoenvironmental reconstructions based on ostracod subfossils (especially in tufa-rich environments).
- Upcoming work will be on palaeoenvironment and isotope composition of freshwater ostracod fossils.
- Presentation at the VI EOM in Frankfurt, 5-7 September, 2007—*Lake history throughout the late glacial and Holocene revealed from ostracod faunas in northern Estonia.*

### Oive Tinn

## FRANCE

### Bernard Andreu

Working on:

- Upper Cretaceous of Pyrenees, France
- Toarcian of Quercy and Grands Causses, south-France
- Cretaceous (Aptian-Albian) of Bulgaria
- Cenomanien-Turonian of the Pre-African Trough, Morocco

### Jean-Francois Babinot

- I have been retired a few years. My research activities focus mainly on the question (revision, information) of important ostracode collections (especially Cretaceous, Cenozoic, and Recent of Europe, Africa, and Middle Eastern Asia).
- In progress: A study with **J.P. Colin** and **A. Randrianasolo** on the Late Albian, Cenomanian, and lower Turonian of northern Madagascar.

### Pierre Carbonel

- Paleoceanography
  - Ostracodes and paleoceanography, mainly in Mediterranean area. Western Mediterranean with a core 330 m long sampled at 300 m deep, including about the last 500 ky. Collaborations with IFREMER, Brest (Program ANR SESAME), and **M.-A. Bassetti** (Univ. Perpignan, France)
  - Pre-Columbian occupation in West Indies and occurrence and impact of hurricanes (St. Martin). In this last study, we use the isotopic data ( $\delta^{18}\text{O}$  and  $\delta^{13}\text{C}$ ) analyzed on the ostracodes (*Cyprideis* and *Perissocytheridea*)

- Morphology of ostracodes
  - In collaboration with **D. Danielopol**
- Ostracodes and continental Quaternary sequences
  - Calcareous tufa sequences from northern France: comparison between ostracodes and gastropods in Pleistocene interglacial recordings (MIS5 and MIS11 equivalents)
  - Pleistocene ostracodes from southern Portugal (in collaboration with **M.-C. Cabral** and **J.-P. Colin**)
  - Ostracodes and recent evolution of the coasts, particularly the impact of anthropization (Roman harbours between Roma and Naples) (in collaboration with ARCHAEOORIENT, Lyon, CEREGE, Aix en Provence)
- Thesis supervision—**Chahira Zaibi**, University of Sfax, Tunisia, on the evolution of the lagoons along the Gulf of Gabes between Sfax and Oued Akarit, Tunisia

### Jean-Paul Colin

- Gave a one week course on Cretaceous ostracodes in UNISINOS (Sao Leopoldo, Brazil).
- Work on Albian and Santonian ostracodes from offshore Brazil, with PETROBRAS (Rio de Janeiro) and UNISINOS (Sao Leopoldo)
- Worked on Albian-Cenomanian ostracodes from Madagascar with **J.-F. Babinot** (Marseilles)
- Working on revision of Cretaceous conchoecids with **L. Kornicker** (Washington, D.C.) and **M.C. Viviers** (Rio de Janeiro)
- Submitted:
  - R. Pipik, M. Sykora, J.-P. Colin, and M. Havrila, New phytoplanktonic ostracod *Rosacythere carpathica* sp. nov. from the Late Cretaceous of the Western Carpathians: implication for evolution of Timiriaseviinae: *Cretaceous Research*.
  - C. Martin-Closas, J.-P. Colin, J.-P. Billon-Bruyat, A. El-Albani, J.-M. Mazin, and J. Schnyder, Palaeobiogeography of genus *Latochara* (fossil Charophyta) in the Upper Jurassic of southern Europe—new data from Ile d’Oleron (France): *Geologia Croatica*.

### Sylvie Crasquin

- I am still working on the ostracods of Permian-Triassic boundary interval. In particular, I am looking for the ostracod fauna associated with the microbial carbonate formations in the very first levels of the Triassic just after the mass extinction event(s).
- **Yuan Aihua** defended her thesis in Wuhan University (P.R. China) on May 28, 2008. The subject was “*The deep ostracod fauna from the Late Permian in South China*”.
- **Marie-Beatrice Forel** began her PhD in September, 2007 on the earliest Triassic ostracods to analyze the recovery and change between Paleozoic and Meso-Cainozoic faunas.

### Sophie DuPont Wargniez

- Continues her research on ecology of recent estuarine ostracods and relationships between ostracods and quality of brackish water
- Recently started a new project on detection of protozoan parasites (*Cryptosporidium*) in brackish and freshwater ostracods.

### Claude Guernet

Is studying taxonomy, phylogeny, and ecology of marine ostracods from NW Europe, particularly on the Lutetian of Grignon (Paris Basin).

### Pierre Marmonier

- Description of the new genus *Dolekiella* from southern France with colleagues from Hungary (**Z. Gido**) and Austria (**D.L. Danielopol**).
- Strategy for the protection of rare subterranean ostracods. We used the example of two species from southern France. A collaboration with **D.L. Danielopol** (Austria) and **M. Artheau** (France) accepted for publication in *Freshwater Biology*.
- I start to work again with groundwater ostracods of foothill aquifers and of high altitude springs.

### Vincent Perrier

I was part-time lecturer in geology in the University of Lyon 1. I am still working on the colonization of pelagic niches by myodocopid ostracods during the Silurian, and I focus mainly on the systematics, functional morphology, autecology, and palaeoenvironment.

## GERMANY

### Peter Frenzel

- Our project (together with **Antje Schwalb** and **Steffen Mischke**) on Quaternary and Recent ostracods of the Tibetan Plateau is confirmed and starts in May, 2008. **Claudia Wrozyna** will work as a PhD student within this project.
- I am happy that all manuscripts for my Habilitation thesis on Recent and Holocene ostracods and foraminifers of the Baltic Sea are finished now. The focus lies on ecology and taxonomy as well as on applications in Quaternary geology, archaeology, and biological monitoring. A manuscript of an atlas of Baltic Sea ostracod species is listed in the bibliography (written together with **Dietmar Keyser** and **Finn Viehberg**).
- The first results of ostracods and foraminifers in saline waters of central Germany are presented (together with **Anna Pint**). We hope to publish it this or next year.
- Cooperation within smaller projects on Holocene environmental change using ostracods and other microfossils from sediment cores is going on (Chilean and Algarve coast, two lakes in Bavaria and the Alps).
- Submitted:
  - Wrozyna, C., Frenzel, P., Schwalb, A., Steeb, P., and Zhu Liping, Water depth related assemblage composition of Recent Ostracoda in Lake Nam Co, southern Tibetan Plateau: *Revista Espanola de Micropaleontologia*.
  - Wrozyna, C., Frenzel, P., Steeb, P., Zhu Liping, Mackensen, A., and Schwalb, A., Stable isotope and ostracod species assemblage evidence for lake level changes of Nam Co, southern Tibet, during the past 600 years: *Quaternary International*.

### Eugen Karl Kempf

- Work on the “Kempf Database Ostracoda” is proceeding. At present, parts 11 to 14 of the series “Index and Bibliography of Marine Ostracoda” are becoming available on CD-ROM. Parts 11 to 13 represent supplement 2 to the Index versions A, B, and C, covering nearly 400 new genera or subgenera and more than 4600 new species, subspecies, or combinations. Part 14 (Bibliography E) covers about 800 taxonomic publications, mainly of the last 12 years.

- From now on, work will be concentrating on the stratigraphic distribution of fossil Ostracoda, as well as on parts 11 to 15 of the nonmarine series and part 15 of the marine series.

### Dietmar Keyser

- Together with **Dr. Peter Frenzel** and **Burkhard Scharf**, Dietmar Keyser worked up a proposal for ostracod research in the Baltic, but, due to the fact that ostracods are not usable for applied research, this project was not funded.
- In 2007, we hosted several guests in our Institute in Hamburg.
  - **Prof. Dr. Munef Mohammed** from Yemen worked for two months in Hamburg on marine ostracods of Aden
  - **Prof. Dr. Schornikov** from Vladivostok, Russia, together with his student **Maria Zenina** worked three months in Hamburg. During a workshop in Vladivostok, Russia, it was agreed that the cooperation between Hamburg and Vladivostok should be intensified, especially in respect to deep sea research. One outcome of that was the visit of Dietmar Keyser to **Dr. Mellnik**, Gelendzhik, Russia to work on his deep sea collection of ostracods.
  - **Prof. Dr. Chavtur** was invited to work on the deep sea Myodocopa in Hamburg.
  - **Ruth Castello-Cajas** from Peru also visited and is working on myodocopid ostracods
  - In 2008, **Dr., Shinnosuke Yamada** will work in Hamburg on the histology of ostracodes.

### Alan Lord

- Preparation of EOM VI (European Ostracodologists' Meeting VI, September, 2007) proceedings for publication in *Senckenbergiana lethaea*, 88(2008).
- 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)
  - Cenozoic stratigraphy and geological history of Cyprus.

### Steffen Mischke

- During 2007, Steffen was drilling a late glacial and Holocene lake sediment core from another lake on the northeastern Tibetan Plateau in the late winter, 2007, and started ostracod analysis of core material. The lake was the target of an intensive survey of surface sediment samples in 2006 and the interpretation of core samples will be aided by the 100+ samples comprising the set of surface samples.
- Since February, 2008, Steffen has worked at the Limnological Research Center of the University of Minnesota as a visiting scientist. A one-year sabbatical will be used to focus on quantitative ostracode analysis, data evaluation, and interpretation.
- Steffen started a project working on sub-Recent ostracod shells from Israel in January 2008, together with **Ahuva Almogi-Labin** (Geological Survey of Israel). Ostracod assemblages and environmental parameters will be used to decipher ostracod-environment relationships and will then be applied to lake sediment samples from a maar lake on the Golan Heights. Core material from the maar lake was kindly provided by **Markus Schwab** (GFZ Potsdam) and will be jointly analysed with Markus.

- Steffen will perform a preliminary field survey in the eastern Pamirs of Tadjikistan in July 2008 with a focus on Lake Karakul. This deep, closed basin lake will be investigated to assess its potential to bear a long-term climate archive.

### Simone Nunes-Brandao

She continued her PhD work on the genetic and morphologic systematics on deep sea ostracods.

### Benjamin Sames

- I am at the Palaeontology Department of the University of Vienna and still a PhD student at Freie Universitat Berlin and will finish my PhD thesis (supervisors **Michael E. Schudack**, Berlin and **David J. Horne**, London) on Early Cretaceous nonmarine ostracodes of the U.S. Western Interior and their application to biostratigraphy and palaeoecology in 2008. Furthermore, I continue dealing with taxonomy, phylogeny, and biostratigraphy of Jurassic to Early Cretaceous ostracods (mainly nonmarine) in general.
- Research Projects:
  - Biostratigraphy, paleoecology and paleobiogeography of Cretaceous nonmarine ostracods of the U.S. Western Interior (with **Michael E. Schudack**, Berlin, **David J. Horne**, London, and **Ulla Schudack**, Berlin)
  - Revision of some representatives of nonmarine Mesozoic Cytheroidea and Cypridoidea (e.g., the genera *Theriocynoecum* and *Cypridea*)
  - Origin and early evolution of the nonmarine Cypridoidea (with **Robin Whatley**, Aberystwyth and **Michael E. Schudack**, Berlin)
  - Taxonomy and application of Late Jurassic/Early Cretaceous marine and nonmarine ostracods from Tendaguru, Tanzania, East Africa
  - New Early Cretaceous nonmarine ostracods of Mongolia (with **Khand Yondon**, Ulaanbaatar, and **Michael E. Schudack**)
- Affiliations
  - Dipl.-Geol. Benjamin Sames, Universitäts-Assistent, Universität Wien
  - Doktorand, Freie Universität Berlin
  - Affiliate Research Associate, Sam Noble Oklahoma Museum of Natural History

### Burkhard Scharf

**Werner Hollwedel**, **Thomas Glatzel**, and I have finished and published a faunistic work on the limnic Cladocera, Ostracoda, and Copepoda of some island in the North Sea, Germany.

### Michael Schudack

Research:

- Lower Cretaceous of various areas in Europe and North America (almost finished) and on the Quaternary of Tadjikistan
- Main focus on biostratigraphy, paleoecology, biogeography, paleoclimatology, and stable isotope shell geochemistry
- Secretary of the International Research Group on Ostracoda (IRGO) for the period of 2005-2009
- Maintains webpages of IRGO at <http://userpage.fu-berlin.de/~palaeont/irgo/irgohome.html>

New research projects:

- Pilot studies on the sediments of Lake Karakul (Tadjikistan) as a long-term climate archive (with **Steffen Mischke**)

- Quantitative assessment and palaeoecologic significance of Turonian ostracod assemblages in a high-resolution stratigraphic basin to basin margin transect (with **U. Schudack** and **F. Wiese**)

Thesis supervision:

- Early Cretaceous ostracods from the Rocky Mountains, USA (**Benjamin Sames**) (almost finished)

Finished thesis projects:

- Biogeography and database of Early Cretaceous nonmarine Ostracoda, as exemplified for selected European basins (**Kerstin Zobel**)
- Ostracod biostratigraphy and microfacies of the Nordsteimke member (Kimmeridgian, Upper Jurassic) near Wolfsburg, Germany (**Nadine Siegling**)

### Ulla Schudack

- In 2007, I finished my project about biostratigraphy, systematics, and biogeographic relations of the Lower Cretaceous ostracods in northern and eastern Spain. I am now occupied with the analysis of my data and occupied especially with the genus *Cypridea*, trying to form some faunal groups for Spain, in which all my only slightly different species will find a place. There will be several papers about this topic.
- I had a short project on nonmarine Permian/Triassic ostracods from Kirgizstan, which will probably be continued this year, funding provided.

### Antje Schwalb

- Current research activities at the TU Braunschweig are based on joint projects with **Peter Frenzel**, **Steffen Mischke**, **Burkhard Scharf**, and **Finn Viehberg** and include projects dealing with:
  - Late Quaternary environmental change on the Yucatan Peninsula, a contribution to the Lago Peten Itza Scientific Drilling Project (PISDP)
  - Aquatic ecosystem evolution and monsoon dynamics in southern Tibet
  - Ancient Lake Ohrid biodiversity
  - Postglacial Patagonian lake level changes (in collaboration with **Gabriela Cusminsky**)
  - Late Holocene drought cycles archived in lake sediments from north-central USA
- Students:
  - Student work includes limnological surveys across climate transects to build training sets from aquatic geochemical and faunistic limnological data. The aim is to develop quantitative transfer functions and apply those to species assemblages from long sediment cores and outcrops in order to retrieve information about Late Quaternary climate and environmental change.
  - **Julia Lorenschat** (Diploma Student)
  - **Liseth Perez** (PhD student, co-advisor **Burkhard Scharf**) works with modern lake sediments from the Yucatan Peninsula and sediment cores from Lago Peten Itza, Guatemala
  - **Claudia Wroczynba** (PhD student, co-advisor **Peter Frenzel**) is working with Holocene and Late Neogene sediments from Lake Nam Co (southern Tibet) and the Zada Basin (southwest Tibet)
- Submitted manuscripts:
  - Kempf, O., Blisniuk, P.M., Wang, S., Fang, X., Wrozyzna, C., and Schwalb, A., Sedimentology, sedimentary petrology, and paleoecology of the Zada Basin, SW-Tibet: a monsoon-driven long-term fluvio-lacustrine archive from the late Neogene? *Sedimentary Geology*

- Perez, L., Lorenschat, J., Samol, D., Hoelzmann, P., Keyser, D., Scharf, B., and Schwalb, A., Modern Ostracoda (Crustacea) from lacustrine surface sediments and aquatic environments of the Yucatan Peninsula (Guatemala, Mexico, and Belize): *Sedimentary Geology*.
- Wagner, B., Lotter, A.F., Nowaczyk, N., Reed, J.M., Schwalb, A., Sulpizio, R., Valsecchi, V., Wessels, M., and Zanchetta, G., Past environmental changes inferred from a 40,000 year record from Lake Ohrid (Albania and Macedonia): *Journal of Paleolimnology*.
- Wrozyzna, C., Frenzel, P., Mackensen, A., Steeb, P., van Geldern, R., Zhu, L., Schwalb, A., Stable isotope and ostracode species association evidence for lake level changes of Nam Co, southern Tibet, during the past 600 years: *Quaternary International*.
- Wrozyzna, C., Frenzel, P., Steeb, P., Zhu, L., and Schwalb, A., Recent lacustrine Ostracoda and a first transfer function for palaeo-water depth estimation in Nam Co, southern Tibetan Plateau: *Revista Espanola de Micropaleontologia*.

### Henning Uffendorde

- Continued being official volunteer at the Museum of the Geoscience Centre, University of Goettingen.
- During 2007, he finished cataloguing Lienenklaus (1905).
- He continued his studies on Ostracoda from the Early Oligocene of southern Hesse in collaboration with **G. Radtke** (Wiesbaden, Germany). Both presented together with **C. Pirkenseer** (University of Freiburg, Switzerland) a poster at EOM VI in Frankfurt.
- A manuscript on nodding in the genera *Serroclytheridea* and *Hemicyprideis* from Oligocene brackish waters was submitted for publication.

## ISRAEL

### Avi Honigstein

- Continues with Mesozoic-Cenozoic studies of assemblages from Israel and adjacent countries, but is occupied most of his time with administrative tasks.
- A poster on Permian ostracodes was presented at a GSA meeting (together with **Amnon Rosenfeld** and **H. Feldman**, New York).
- The study on Pliocene ostracodes was accepted in *Stratigraphy* (Ilani *et al.*) and will be published soon: Ilani, Mostafawi, Honigstein, and Minster, *The Pliocene Pleshet Formation near Khassif, southern Israel, and its shallow marine fauna*.
- Amnon patiently waits for Elly to finish organizing samples from Abu Dhabi and Pakistan for a study of an Eocene ostracode fauna.

## ITALY

### Giampaolo Rossetti

- Principal Investigator (Parma Lab) of the EU project SexAsex (From Sex to Asex: a case study on interactions between sexual and asexual reproduction), based on *Eucypris virens* as model organism (<http://evirens.group.shef.ac.uk>).

- **Maria Joao Martins** (Portugal) is carrying out part of her PhD work on “Ecology of ostracods (Ostracoda, Crustacea) in temporary freshwater habitats with special reference to the geographical parthenogen *Eucypris virens* (Jurine).
- **Valentina Pieri** is currently preparing a new edition of the checklist of Recent freshwater ostracods from mainland Italy and nearby islands.

### **Giuseppe Aiello** and **Diana Barra**

Presently working on:

- Quaternary ostracods of southern Italy (middle Pleistocene of Montalbano Ionico (Basilicata))
- Upper Pleistocene of Procida (Bay of Naples)
- Holocene of Pontecagnano (Campania)
- Quaternary of Patras (Greece)

**Rita Ranucci** (PhD student) is beginning a study on distribution of Recent marine and paralic ostracod assemblages of Mediterranean coastal areas (southern Italy and Greece).

**G. Aiello**, **D. Barra**, and **R. Ranucci** are studying paleoecology and systematics of Mio-Pliocene ostracods of Atlantic Morocco outcrops.

### **ROMA TRE UNIVERSITY**

The Roma Tre ostracodologist group (Department of Earth Sciences) is involved in several research projects about Neogene and Quaternary marine, brackish, and freshwater ostracods of the Mediterranean area.

- **Elsa Gliozzi** and **Francesco Grossi** are working on the late Messinian Lago-mare ostracods in the central and eastern Mediterranean. They are studying in detail sediment cores and sections located in northern and central Italy and central Crete. **Francesco Grossi** has successfully discussed his PhD thesis on April, 2008! At present, he continues his collaboration with our group. During 2007, he has studied two Italian successions, located in Marche (Maccarone section) and Tuscany (Ponte Ginori borehole). The data of all the twelve Messinian Lago-mare successions he had analyzed in the last three years have been put together and compared in a palaeoenvironmental perspective using a multivariate approach. The conclusions are that during the Lago-Mare episode, most likely the Mediterranean area was subdivided in several, partially independent, basins. During the first part of this time interval, those basins underwent palaeoenvironmental changes (salinity, depth, water oxygenation) linked to local conditions. During the very last thousand years instead, they developed a similar palaeoenvironmental trend toward deeper and less saline environment, induced by global climate changes.
- **Elsa Gliozzi** and **Silvia Ligios** (PhD student) are studying the Late Miocene brackish ostracods from central and southern Italy, mainly from a taxonomical point of view. This year, the taxonomy of late Miocene Mediocytherideisinae (Leptocytheridae) and Darwinulidae (genus *Vestalenula*) has been completed. In the latter study, the morphometrical approach proposed by **Danielopol** and **Baltanas** has been applied, in collaboration and with the help of **Klaus Minati**.
- **Elsa Gliozzi** and **Maria Chiara Medici** (PhD student) are involved in the taxonomical study of the Late Pliocene freshwater ostracod faunas coming from several localities in northern and central Italy: RDB quarry (Piedmont), Valdelsa Basin (Tuscany), and Tiberino Lake (Umbria). During 2007 the study of the Valdelsa Basin has been carried out and is ready for publication. The ostracod fauna is characterized by several new Candoninae species that are going to be described soon.

- **Costanza Faranda** is mainly involved in the study of Neogene and Quaternary marine ostracods. Together with **Elsa Gliozzi**, they have studied the Pliocene-Quaternary ostracods collected from the “classical” Quaternary succession cropping out at Monte Mario (Rome), now in press. They also made a revision of the “northern guest” ostracods that entered the Mediterranean during Quaternary.
- At present, **Costanza Faranda** is involved in the study of marine ostracods from the early Messinian Mediterranean interval. Her study is part of an Italian Research Project aimed to the palaeoenvironmental reconstruction of the Mediterranean immediately before the onset of the Messinian Salinity Crisis and at the end of the Messinian Salinity Crisis, when the Atlantic-Mediterranean connection was restored (Early Pliocene).
- **Costanza Faranda** and **Iaria Mazzini** have started to analyze Holocene ostracod assemblage coming from a Roman archaeological site near Fiumicino (Roma, Tyrrhenian coast) aged I century B.C. to IV century A.D.
- Submitted: Faranda, C. and Gliozzi, E., The Plio-Pleistocene ostracods of Monte Mario (Roma, Italy): *Boll. Soc. Paleontol. It.*

### Francesco Sciuto

- Research fields: palaeoecology and stratigraphy of Plio-Pleistocene deep-water ostracod assemblages
- Current ongoing research: living and dead ostracod assemblages from the Mediterranean and Thailand

## JAPAN

### Toshiaki Irizuki

- I am working on:
  - Migration and speciation of Ostracoda in eastern Asian bays during the Quaternary
  - Relationships between Recent ostracode assemblages and anthropogenic influences
  - Taxonomy and paleobiogeography of Miocene and Pliocene Ostracoda around Japan
  - Taphonomy of Ostracoda in tsunami deposits
- I have seven postgraduate students who are studying mainly ostracodes:
  - **Shigenori Kawano**: *Temporal changes of Recent Ostracoda and anthropogenic pollution in bays of northern Kyushu, southwestern Japan, during the last 100 years*
  - **Hokuto Iwatani**: *Late Pliocene Ostracoda from shallow deposits along the Pacific coast of Japan*
  - **Asumi Gotomyo**: *Recent Ostracoda and anthropogenic pollution in Seto Inland Sea, southwestern Japan*
  - **Ayumi Haruki**: *Holocene Ostracoda from borehole cores in the active margin, central Japan*
  - **Ryohei Kawakami**: *Temporal changes of Recent Ostracoda in Lake Nakaumi, southwestern Japan, during the last few hundred years*
  - **Takashi Goto**: *Taxonomy of Pliocene Ostracoda from the Japan Sea side region*
  - **Kenyu Murai**: *Ostracoda and calcareous nannofossils from Pliocene deposits in Japan*

### Ishida Yamada Katsura

- I am working on environmental changes during Plio-Pleistocene around Japan, recent shallow marine ostracodes around the Malay Peninsula, and oxygen isotopes and Mg/Ca of shallow marine ostracode shells.
- Students are:

- **Tetsuro Masuma** (Masters)—Environmental changes and human impacts on brackish bay in Japan
- **Yoshihisa Nazakawa** (Masters)—Fossil ostracode and environmental change in Pleistocene strata, central Japan

### **Hirokazu Ozawa**

- Ecology and taxonomy of modern ostracods in the Japan Sea and adjacent sea areas
- Taxonomy, palaeoecology and palaeobiogeography (i.e., origin, speciation, migration, extinction, and survival) of ostracods from the Miocene to present at the Japan Sea coasts (with **Dr. Takahiro Kamiya**)
- Palaeobiogeography of a shallow-marine fauna from Japan and its relationship to faunas at west and north Pacific coasts in Late Cenozoic, based on ostracods from the Kanto region, central Japan
- Sexual dimorphism with paedomorphosis on hingement and phylogeny of *Loxoconcha* species from Japan (with **Dr. Tohru Ishii**)

### **Moriaki Yasuhara**

- Research projects are:
  - Deglacial and Holocene abrupt climate change and deep-sea ecosystems
  - Deep-sea biodiversity change
  - Late Quaternary deep-sea ostracod paleoecology
  - Taxonomic revision of North Atlantic deep-sea ostracods
  - Taxonomy, morphology, ontogeny, and phylogenetics of deep-sea ostracod genera *Poseidonamicus* and *Krithe*
  - Abyssal ostracod distribution below CCD
  - Antarctic ostracod paleobiogeography and evolution
  - Holocene Osaka Bay ecosystem history

I am working with **Gene Hunt**, **Thomas M. Cronin**, and **Hisayo Okahashi** on many of these projects.

- I am currently on a postdoctoral fellow in the National Museum of Natural History, Smithsonian Institution
- Further details on my research and PDFs of my papers are found on my website, <http://ostracoda.net/>

### **Tatsuhiko Yamaguchi**

I study Oligocene ostracodes from cold-seep deposits of the Lincoln Creek Formation in Washington State, USA and modern intertidal ostracodes from southern Viet Nam. These are collaborative research projects with a paleontologist of the United States and geomorphologists and sedimentologists of Viet Nam and Japan.

## **LUXEMBURG**

### **Claude Meisch**

Is continuing his work on the taxonomy and distribution of the freshwater Ostracoda, mainly of Europe, and also on the evolutionary morphology of Ostracoda in genera.

## **MEXICO**

### Ana Luisa Carreno

- Recent marine ostracodes from the equatorial offshore Brazil
- Cretaceous ostracodes from the Reconcavo Basin, Brazil
- Continuation of my long-term research on Baja California Tertiary calcareous microfauna and microflora (ostracodes, foraminifers, and calcareous nannoplankton)
- Paleoenvironmental reconstruction of Mexican lacustrine Quaternary lakes based on ostracode paleoecology and trace element shell chemistry (with **Manuel R. Palacios-Fest**, Terra Nostra Earth Science Research)

### Ma. Luisa Machain-Castillo and F. Raul Gio-Argaez

Continue working on Holocene ostracodes of the Mexican seas, especially in the diversity and distribution patterns of the continental shelf and coastal areas of the Gulf of Mexico

Teaching activities:

- **Violeta A. Romero-Mayen**, submitted *Registro climatico en Laguna Salada, Baja California, Mexico durante el Neogeno tardio usando paleoecologia y geoquima de elemetos traza en conchas de Ostracoda*, M.Sc., Posgrado en Ciencias Biologicas, UNAM (Master Degree Theses **Ana Luisa Carreno** and **M.R. Palacios-Fest**)
- **L.F. Lopez-Gutierrez**, 2007, *Biodiversidad de Ostracodos (Crustacea), dulceacuicolas y su aprovechamiento como bioindicadores en el Estado Aguascalientes, Mexico*. Tesis de Licenciatura en Biologia, Universidad Autonoma de Aguascalientes, 84 p. (Undergraduate theses **F.R. Gio-Argaez**)

### Alejandro Rodriguez

Ongoing research:

- I am finishing my PhD on a late Holocene sedimentary sequence from a crater lake at western Mexico (Lake Santa Maria del Oro), using ostracod assemblages, shell chemistry (stable isotopes and trace elements), and sediment geochemistry.
- I am currently working on recent and Holocene non-marine ostracods from some other lake sediments along central Mexico.
- I am involved in a paleolimnological project, reconstructing the late Quaternary environmental and climatic variability of central Mexico (Transmexican Volcanic Belt). This multi-proxy paleoenvironmental research project includes magnetic properties, sediment geochemistry, pollen, diatoms, and, of course, ostracod analyses.

Main interests:

- Palaeoclimatic and palaeolimnologic reconstruction from lake sediments analysis, based on ostracod composition and shell and sediment geochemistry.
- Study of the modern ostracods and distribution in the lakes of central Mexico
- Paleolimnology and ecology of diatoms.

Submitted: Rodriguez, A., Caballero, M., Ortega, B., Vazquez, G., Ito, E., Lozano, S., Roy, P.D., and Vilaclara, G., Climate conditions during the Medieval Warm period recorded by ostracode and sediment geochemistry of a tropical lake in western Mexico.

## NEW ZEALAND

### Stephen Eagar

- Working on faunas from Tuvalu, Samoa, and Palmyra Atoll in the Pacific/
- Worked on a core from a freshwater swamp deposit on Efate, Vanuatu, collaborating with others

- Presented a paper on the Efate material at a SOPAC conference in Tonga in November, 2007. Comparisons with similar faunas and suggested distribution methods based on bird migration patterns were made.

### **Kerry Swanson**

Not doing very much, as he is approaching retirement.

## **POLAND**

### **Jarmila KrzYMinska**

Continues her studies on ostracodes from lakes of the late Glacial, from the southern Baltic Sea and its pericoastal region as well as from Pomerania; they are used as indicators of the climatic and environmental changes. Results of this work were partly presented in 2007 during the 6<sup>th</sup> EOM in Frankfurt.

### **Tadeusz Namiotko**

Continues his work on the taxonomy and exology of Recent and subfossil (Quaternary) ostracodes and their applications to palaeolimnology, stygobiology and evolutionary biology. His current research activity includes:

- Evolutionary ecology of reproductive modes in *Eucypris virens* (together with **J. Vandekerkhove** within EU Research Training network coordinated by **Koen Martens**)
- Morphology, diversification and phylogeny of stygobitic and stygophilic nonmarine ostracodes (project coordinated by **D.L. Danielopol**)
- Reconstruction of climate variability as expressed in the oxygen isotope composition of past precipitation derived from ostracodes in the profundal lake sediments (ESF project coordinated by **U. von Grafenstein**).

### **Ewa Olempska**

Is involved with Paleozoic ostracods:

- Devonian ostracods from the Holy Cross Mountains
- Late Cambrian phosphatocopids from north Poland
- Carboniferous ostracods from China.

### **Jolanta Smolen**

For the moment, she has stopped working with ostracodes. However, in 2007, during the 6<sup>th</sup> Polish Micropalaeontological Workshop in Gdansk, she presented her observations on the Lower Cretaceous microfauna, including ostracodes, from northwest Poland.

### **Janina Szczechura**

Still works on Middle Miocene ostracodes from the Polish part of the Carpathian Foredeep. The distribution of these ostracodes in the selected geological sections was shown during the 2<sup>nd</sup> International Workshop on the “*Neogene of Central and South-Eastern Europe*” in Kapfenstein (17-21 May 2007). In 2008 (Acta Geol. Pol. 58, 3) should appear her comments on the large monograph (430 pages, 39 plates in SEM) by N.I. Dykan on systematics of the Quaternary freshwater and marine ostracodes from Ukraine, Russia, and other countries of the former USSR, edited by the Geological Institute of the National Academy of Sciences of Ukraine. The volume is mostly in Ukrainian.

## PORTUGAL

### Maria Cristina Cabral

- Recent ostracodes from salt-marshes of Portuguese estuaries (Lima, Mira, Tagus, and Sado Rivers). Supervision of 3 Masters theses related to this subject (two of them starting in 2008):
  - Ostracodes from the Mira River as ecological indicators
  - Ostracodes in salt-marshes from Sado and Tagus estuaries: seasonal characterization of the intertidal facies
  - Ostracodes in salt marshes from Sado and Lima estuaries: seasonal characterization of the intertidal facies
- Jurassic ostracodes from the Lusitanian Basin, Portugal: marine Sinemurian and Toarcian ostracodes; non-marine Oxfordian ostracodes. Supervision of 1 Masters thesis related to one of these subjects:
  - Toarcian ostracodes from the Lusitanian Basin (Peniche and Alvaiazere): systematics, biostratigraphy, and palaeobiogeography
- Holocene ostracodes from different cores of coastal lagoons and estuaries in Portugal
- Pleistocene nonmarine ostracodes from Algarve, south Portugal (with **J.P. Colin** and **P. Carbonel**): Limnocytheridae.

## RUSSIA

### Anna Stepanova

- I continue to work with Arctic Pleistocene-Holocene and modern ostracods from the Laptev and Kara Seas, and also started to work on material from the Chukchi Sea.
- The data on the Kara Sea ostracods were summarized in the manuscript and published.
- I am currently working on two papers on the ostracod paleoecology and evolution of fossil Late Pleistocene-Holocene ostracod assemblages in the Laptev, Kara, and Chukchi Seas
- I am collaborating with **Carlos Alvarez Zarikian** (IODP, Texas), in identifying deep sea late Pleistocene ostracods from IODP Site U1314 in the subpolar North Atlantic.

## SERBIA

### Nadezda Krstic

- Preparing ostracodes and charophytes from Lower Miocene of Dinaric Alps. Two sites with coal: Cacko (Republika Srpska of Bosnia and Hercegovina) and Maoce (northern Montenegro, near Plevlja).
- One uranium site to the south of Belgrade (southern flanks of Bukulja Mountains), the lacustrine equivalents of the upper part of Middle Miocene, Sarmatian, lower part, exactly Volhinian (directly overlain by brackish Middle Volhinian)—lacustrine ostracodes numerous, mollusks rare.
- A sample from Montenegro, rich in Charophyta, will be presented on Characean symposium in Rostock (Germany) this coming September.

### Ljupko Rundic

### Tamara Karan Znidarsic

## SPAIN

### Francesc Mezquita

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

- Biogeography of ostracodes from the Balearic Islands (with **J.L. Pretus**, Univ. Barcelona and PhD student **Laia Zamora**, Univ. Valencia).
- Ostracod palaeolimnology and geochemistry of Lake Albufera (with **M.R. Miracle**, PhD student **Javier Marco**, Univ. Valencia, and **J. Holmes**, UCL).
- Palaeolimnology of Lakes Ivars and Somolinos, Spain (with **R. Julia**, CSIC-Barcelona, **S. Riera**, Barcelona, **J. Armengol**, Valencia, **L. Zamora**).
- Evolutionary ecology of reproductive modes in *Eucypris virens* (SexAsex project, coordinated by **Koen Martens**, KBIN-Belgium), with close collaboration with **Olivier Schmit** (PhD student), **Jochen Vandekerckhove** (Brussels), **G. Rossetti** (Parma), and **T. Namiotko** (Gdansk).
- Ecology and geochemistry of *Cyprideis torosa* (with **Emi Ito**, Minnesota and PhD students **J. Marco**, **E. Carbonell**).
- Ecology of ostracods in temporary ponds (with PhD student **J.A. Aguilar**).
- Applications of large databases to palaeoenvironmental reconstructions (with **D.J. Horne**, Queen Mary Univ., London).
- Ostracod ecology in shallow lakes Bezas and Rubiales (Spain), with PhD student **Andreu Escriba**.

### Julio Rodriguez-Lazaro, Maite Martin Rubio

- Quaternary palaeoenvironmental evolution of the southern Bay of Biscay. Palaeoceanographic and palaeoclimatic analyses based on ostracods, foraminifers, and micro-mammals. Leader **J. Rodriguez-Lazaro**. In collaboration with **Maite Martin**, **Ana Pascual** and others.
- Geochemistry and mineralogy of carbonates from eurytopic limnic organisms with great potential to the palaeoenvironmental reconstruction. Leader: **Rosa Utrilla** (Barcelona). In collaboration with **Pere Anadon** and **Maite Martin**.
- Comparative ostracod biodiversity between lakes from Spain and Morocco. In collaboration with **Driss Nachite**, **Ratiba Bekkali** (Morocco), **Maite Martin** and **Francesc Mezquite**.

## SWITZERLAND

### Laurent Decrouy

- I am still doing a PhD in Earth Sciences at the University of Lausanne in Switzerland
- I am currently working on living and fossil ostracods from Lake Geneva (Switzerland). The aim of our study is to better understand the way ostracods incorporate minor elements such as Mg or Sr in their shell and how the carbon and oxygen stable isotope composition from host water is recorded in ostracod shells during valve calcification. We will also attempt to reconstruct palaeoenvironmental conditions in Lake Geneva using ostracod geochemistry and morphometry.

### **Claudius Pirkenseer**

In 2007, I finished and defended my thesis on the southern Upper Rhine Graben Paleogene microfossils, including the taxonomic description, palaeoecological analyses, and illustration of 50 species of freshwater to marine Ostracoda (on 15 plates). As of now, I am working on several publications concerning the material of the thesis. Later this year, I intend to start a one-year fellowship (granted by the University of Fribourg, CH) at the University of Leuven (Belgium), dealing with palaeobiogeography and climatic response of Paleogene northwest European Ostracoda.

## **TRINIDAD AND TOBAGO**

### **Brent Wilson**

I continue in my studies using recent ostracods in environmental monitoring (see [http://caribjsci.org/dec07/43\\_181-188.pdf](http://caribjsci.org/dec07/43_181-188.pdf)) and am currently working on using changes in ostracod biofacies as indicators of estuarine fronts around Trinidad associated with outflow from the Essequibo and Orinoco Rivers. Please recall that my work on ostracods plays second fiddle to my foram studies.

## **TURKEY**

### **Sena Akcer**

- PhD thesis: Research on climate records for lakes in western Anatolia since Holocene
- I visited **Dr. Ian Boomer** in University of Birmingham for a month in October, 2007. I just started in the study of ostracodes. I would like to use ostracodes as a proxy (stable oxygen isotopes) in my lakes to understand the paleoclimate of the last 5000 years. After a month with Ian Boomer, I learned how to identify ostracodes, but Turkish faunas are not very well known. This will be a long journey for me. I will need help to identify the species.

### **Guldemin Darbas**

I am working on freshwater ostracods in the Afsin-Elbistan (Kahramanmaras-Turkiye) coal basin. I worked on the Messinian Salinity Crisis of the Adana Basin (south of Turkiye) for my PhD.

### **Okan Kulkoyluoglu**

- I am still working on Ostracoda and continue to talk about them, even among the public who do not know anything about them. Mostly, my interest is in ostracod taxonomy, systematics, ecology, and distribution, along with their usage as indicator species of water quality. Most recently, for the last couple of years, my interest is in their ecological preferences and tolerances to the differences of ecological variables.
- I was able to present one poster and one oral presentation at the European Ostracodologists Meeting (EOM VI) in Frankfurt, Germany 03-07 September 2007.
- I am hoping to join the 16<sup>th</sup> ISO meeting in Brazil.
- We founded the Limnological Society of Turkey this year, and I am among the founders. I hope this will provide an increase in studies on inland water ecosystems.
- Students:
  - **Necmettin Sari**, working on a longterm limnoecological study on a natural lake here in Bolu, Turkey

- **Derya Akdemir**, has completed her field work in two cities of Turkey and now is busy in the laboratory studies. She will be doing a comparative work on freshwater ostracods.

### **Ceran Sekeryapan**

Ostracode research includes:

- Late Holocene to Recent ostracods of lake systems of Turkey
- Last few thousand years of environmental change in coastal and lake systems of northern Turkey

## **UNITED KINGDOM**

### **John Athersuch**

I am still working as MD of StrataData and have an interest in Quaternary Caspian ostracods and have a general interest in fossil non-marine ostracods and archaeological applications of ostracods.

### **Carys Bennett**

In the third year of study for PhD. Title of PhD is “*Lower Carboniferous ostracods and isotopes from the Midland Valley of Scotland: testing for the ecological shift into non-marine environments*”. Current research is focusing on algal palynomorphs and isotopes.

### **Ian Boomer**

- Maintaining Stable-Isotope Laboratory, University of Birmingham
- Ostracode research includes:
  - Late Quaternary and Holocene of the Caspian and Black Sea
  - Holocene climate change in the Aral Sea
  - Late Glacial and Holocene climate change, NE England
  - Late Triassic and Early Jurassic, UK
  - Geoarchaeological work in SE Turkey
  - Late Quaternary to Recent ostracods of Lake Van region, east Turkey

### **David J. Horne**

### **Giles Miller**

- I continue to curate the ostracod collections at The Natural History Museum in London. We recently published a collections level catalogue of the collection in the Palaeontology Department and are almost finished with adding the Recent Zoology Department collections to it. The database can be found at <http://www.nhm.ac.uk/research-curation/projects/ostracods/index.jsp>.
- I am currently trying to finish two papers on Palaeozoic ostracods, one on the Silurian of the Canadian Arctic with **Mark Williams** (Univ. Leicester) and another on the Silurian of Islamic Azad University, Iran.

### **David Siveter**

- My research continues to concentrate on early Palaeozoic ostracods (especially myodocopes) and Cambrian (e.g., Chengjiang, China) and Silurian (Herefordshire, UK) lagerstätten.

- A paper describing a new Silurian myodocope from the Herefordshire Lagerstätte, the second species with soft parts preserved, was published in 2007, as was a paper describing the world's earliest crown-group crustacean (Lower Cambrian of China).
- Two PhD students, **Carys Bennett** and **Ma Xioaya**, are researching early Carboniferous ostracods and fossils of the Chengjiang biota respectively.
- PhD student **David Riley** is studying the taphonomy of the Herefordshire Lagerstätte.

### **Ian Slipper**

- I continue running the SEM, XRD, and XRF laboratories, mostly looking after students of pharmaceutical science and contaminated land remediation and providing consultancy services in materials analysis to local industry. No active research on Ostracoda this year.
- I am continuing to act as the Editor of *The Newsletter of Micropalaeontology* for The Micropalaeontology Society, and am an associate editor for *Cretaceous Research*.

### **Matt Wakefield**

Working for the BG Group as the one and only active biostratigrapher.

### **Ian P. Wilkinson**

Although I spent much of my time working on forams, most of my ostracod work over the last year or so has been on late Jurassic and Cretaceous and predominantly biostratigraphy and palaeoecology. I have begun a project on palaeoclimates and have been tracking faunal changes in the North Sea and eastern England, which at that time were at mid-palaeolatitudes. Starting in 2008, I hope to have isotopic measurements to provide some independent temperature controls. I presented some provisional results at the European Ostracodologists meeting at Frankfurt-am-Main in September 2007.

## **UNITED STATES**

### **Carlos Andres Alvarez-Zarikian**

- Continue a study of glacial-interglacial variability in deep sea ostracod assemblages at IODP Site U1314 (56.36°N; 27.88°W, 2820 m) in the North Atlantic in collaboration with **Anna Stepanova**.
- I am studying ostracod bathymetric distributions on shelf and deep sea sediments in the Gulf of Papua, collected during the R/V Melville PANASH Expedition.
- I continue working as a research collaborator on the Helike Archaeological Project using microfossils for reconstructing paleoenvironments on the southwestern coast of the Corinthian Gulf.
- Submitted: Alvarez Zarikian, C.A., Stepanova, A.Y., and Grutzner, J., Glacial-interglacial variability in deep sea ostracod assemblages at IODP Site U1314 in the North Atlantic; submitted to *Marine Geology*.

### **Mark Angelos**

I am currently working on a website for the identification of North American non-marine ostracods.

### **William M. Briggs**

- In preparation: *“The timing of moulting and the duration of calcification in the new carapace of captive specimens of three marine ostracod species from New Zealand*

- (*Crustacea, Ostracoda, Hemicysteridae*)". For submittal to the Journal of Micropalaeontology.
- In preparation: "*Tuberculation (nodding) in the carapace of an adult specimen of a non-tuberculate species of marine ostracod from New Zealand (Crustacea, Ostracoda, Hemicysteridae)*". For submittal to the Journal of Micropalaeontology.

### Anne Cohen

- We are finally about to submit: Cohen, A. and J. Morin, "*Two new bioluminescent ostracode genera, Enewton and Photeros (Myodocopida, Cypridinidae), with three new species from Jamaica*".
- I will be working with **Todd Oakley** on a chapter "Ostracoda: Marine" for *Crustacean Field Collecting and Preservation Techniques*, ed. S. DeGrave and J. Martin, Cambridge University.
- **Jim Morin** stepped down from his directorship of Shoals Marine Lab, and we plan to complete more papers—first the descriptions of new genera resulting from the cladistic analysis in Cohen and Morin, 2003 (pdf available). I also hope to update and expand my web page.

### Gene Hunt

- Finished (for now) working on the phylogeny of the genus *Poseidonamicus*
- Continued work on body size trends in deep-sea ostracodes
- Continued analytical work on phenotypic evolution

### Larry W. Knox

After 11 years, I recently stepped down as Chair of the Department of Earth Sciences at Tennessee Technological University. My current tasks are:

- Teaching geology and paleontology courses to undergraduate and graduate students
- Working on STEM center projects
- Current research on the paleoecology and evolution of *Amphissites girtyi* and *Amphissites centronotus*—two stratigraphically long-ranging ostracodes from marine Carboniferous rocks of the Midcontinent.

### Louis Kornicker

Presently working mainly on halocyprids occupying marine caves.

### Jeff Kuglitsch

After years of adjuncting, I have added a tenure track position. I continue to work with Silurian (Aeronian) ostracodes from southeastern Wisconsin and expect to be submitting a manuscript to the Journal of Paleontology this summer.

### Rosalie Maddocks

Continuing research on living and fossil marine and non marine ostracodes.

### T. Markham Puckett

I am currently working on the description of a new genus of ostracodes from the Late Cretaceous of the U.S. Gulf Coastal Plain. Also included in this study is an analysis of the genus *Curfsina*. I have received funding to study Late Cretaceous ostracodes of the Greater Antilles (Caribbean). Field work will hopefully be initiated on that research in December.

### Alison J. Smith

- I am continuing to develop the NANODE database (North American Nonmarine Ostracode Database [www.kent.edu/NANODE](http://www.kent.edu/NANODE)) along with my coauthors **Brandon Curry** and **Don Palmer**, and am working on version 2, with better photos and maps and more sites.
- My interest in modern through late Pliocene nonmarine taxa continues in several research projects, including Holocene Great Lakes records, groundwater-surface water interactions in numerous sites in the U.S., and Pliocene lacustrine records in the western U.S.
- Current graduate students **Kay Amey** (PhD student) is working on groundwater-surface water interactions in headwater streams in northeast Ohio, and **Cordelia Dennison-Budak** is working on Pliocene ostracode paleoecology and isotopic composition in Hagerman Fossil Beds National Monument, Idaho.

#### **Dawn Peterson**

- Mio-Pliocene outer shelf to deep water ostracodes of central and south-central Chile
- Nearshore Pleistocene ostracodes of the Galapagos
- An urban tidal basin pollution remediation project in Oakland, California
- An investigation of a stygobiont ostracode assemblage from the Grotte di Frasassi and the Frasassi Sulphur Spring, Marche Apennines, Italy

#### **Donald Van Nieuwenhuise**

- Director of Professional Programs, Director of Applied Sequence and Biostratigraphy Programs, University of Houston
- Paleogene and Neogene to Recent lacustrine and saline lake ostracodes. Areas of study:
  - Piceance Creek basin (cores)
  - Caspian Sea (consortia outcrops)
  - Lower Cretaceous of Mobile Bay area (well cuttings)
- Cretaceous through Paleogene ostracodes:
  - Gulf Coastal and Atlantic Coastal Plain outcrops

## **MEETINGS**

### **European Ostracodologists' Meeting VI 19<sup>th</sup> International Senckenberg Conference. Frankfurt/Main, 5-7 September 2007.**

The three day conference was attended by 85 delegates, including 19 Students. Although 'European' by design the meeting was genuinely international with participants even from Egypt (1), Japan (3), Russian Far East (2), USA (3) and Yemen (1). These statistics demonstrate the value of a meeting timed to fall between the main international conferences held every four years (International Symposia on Ostracoda: ISO15, Berlin, 2005 and ISO16, Brasilia, 2009).

With DFG support Keynote addresses were delivered by **Prof. Dr David SIVETER** (University of Leicester, UK), **Prof. Dr Alison SMITH** (Kent State University, USA) and **Prof. Dr Robert**

**SPEIJER** (Katholieke Universiteit Leuven, Belgium). In total 42 Oral Presentations and 35 Poster Presentations were made. The meeting ended with Closing Discussion, led by **Dr David HORNE** (Queen Mary University of London, UK) and **Prof. Dr Koen MARTENS** (Koninklijk Belgisch Instituut voor Natuurwetenschappen, Belgium) who provided overviews of the science presented and its significance. Conference proceedings will be published in *Senckenbergiana lethaea* in 2008.

For two days preceding the meeting (3-4 September) 8 delegates were able to work in the Ostracoda Collections of the Forschungsinstitut Senckenberg.

A.R. Lord, 16/10/2007

### ***Senckenbergiana lethaea* 88 (1) 2008**

A.R. LORD--Introduction

D.J. SIVETER--‘Ostracods in the Palaeozoic?’

M. WILLIAMS, D.J. SIVETER, M.J. SALAS, J. VANNIER, L.E. POPOV & M.GHOBADI POUR--‘The earliest ostracods: the geological evidence.’

G. BECKER & W.K. BRAUN--‘Devonian ostracods from western Canada – palaeozoogeographic implications.’

C. BENNETT--‘A review of the Carboniferous colonisation of non-marine environments by ostracods.’

I. BOOMER, A. LORD & S. CRASQUIN--‘The extinction of the Metacopina (Ostracoda).’

E.M. TESAKOVA, M. FRANZ, E. BAYKINA & E. BEHER--‘A new view on Bathonian ostracods of Poland.’

A. BHANDARI--‘Ostracode biostratigraphy and carbon and oxygen isotopic studies across the Paleocene/Eocene boundary in the subsurface of Jaisalmer Basin, Rajasthan, India.’

H. UFFENORDE & G. RADTKE--‘On nodding in *Serrocyctheridea* and *Hemicyprideis* (Cytherideinae) from the Early Oligocene (Mainz Basin, SW Germany).’

D.J. HORNE & F. MEZQUITA--‘Palaeoclimatic applications of large databases: developing and testing methods of palaeotemperature reconstruction using nonmarine ostracods.’

T. KAMIYA, Y. FUJINAMI & R.J. SMITH--‘Morphological analysis of the male carapace of the darwinulid ostracode *Vestalenula* CORNELIA SMITH, KAMIYA and HORNE, 2006 (Crustacea).’

E.I. SCHORNIKOV & N.M. SYRTLANOVA--‘A new species of *Terrestricythere* from the Black Sea, in zones of gas seepage.’

R.J. SMITH & R. MATZKE-KARASZ--‘The organ on the first segment of the cypridoidean (Ostracoda, Crustacea) antennule: morphology and phylogenetic significance.’

### **Workshop on the Paratethys Sea and Lake Pannon**

Dedicated to Prof. Dr F.F. STEININGER

D.L. DANIELOPOL, M. GROSS, W.E. PILLER & A. BALTANÁS--‘Ostracods of the Paratethys Sea and Lake Pannon – Perspectives for renewal of co-operative projects.’

D.L. DANIELOPOL, R. BUTTINGER, R. PIPÍK, M. GROSS, R. OLTEANU & J. KNOBLECHNER--‘Miocene “*Hungarocypris*” species of Lake Pannon (Central and South-Eastern Europe) transferred to *Herpetocyprilla* DADY, 1909 (Ostracoda, Cyprididae).’

M. GROSS, K. MINATI, D.L. DANIELOPOL & W.E. PILLER--‘Environmental changes and diversification of *Cyprideis* in the Late Miocene of the Styrian Basin (Lake Pannon, Austria).’

D.L. DANIELOPOL, A. BALTANÁS, T. NAMIOTKO, W. GEIGER, M. PICHLER, M. REINA & G. ROIDMAYR--'Developmental trajectories in geographically separated populations of non-marine ostracods: morphometric applications for palaeoecological studies.'

## **EOM VI Participants--83 participants, 18 students**

- Professor Dr Gerhard **BECKER** (honorary delegate), FIS, Senckenberg-Anlage 25, 60325 Frankfurt am Min, D, Tel.: priv. 06171-57176, e-mail: algewo.becker@online.de  
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Dr Sylvie **CRASQUIN**, CNRS - UMPC, Laboratoire de Micropaléontologie; T.46-56, E.4, case 104, 4 place Jussieu, 75252 Paris, France, Tel.: 33 6 12 33 95 99, e-mail:crasquin@ccr.jussieu.fr, Fax:33 1 44 27 50 37  
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See also Julio Rodriguez Lazaro, 2008, Report on European Ostracodologists' Meeting VI (EOM VI), Frankfurt-am-Main, September 2007 (19<sup>th</sup> International Senckenberg Conference): *Newsletter of Micropalaeontology*, 77:34-36.

**EOM VI—Nada Krstic and Bob Lundin**



**Flatford Mill TMS Ostracod Group meeting  
April, 2008.**

**Joint Meeting of the Marine Micropaleontology Research Group and the Quantitative Stratigraphy Research Group**  
**AAPG/SEPM Annual Meeting, San Antonio, Grand Hyatt Hotel, Travis C**  
**Monday, April 21, 7-10 pm**

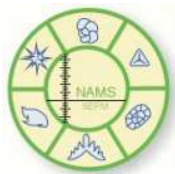
All interested geoscientists are invited to attend a joint meeting of the Marine Micropaleontology Research Group and the Quantitative Stratigraphy Research Group scheduled for Monday, April 21, from 7:00 to 10:00 pm in Travis C of the Grand Hyatt Hotel, San Antonio, Texas. This meeting, sponsored by the North American Micropaleontology Section (NAMS) of SEPM, is in conjunction with the 2008 AAPG/SEPM Annual Convention.

The Research Group meeting is intended to be an informal, constructive discussion of the discipline health of stratigraphy and paleontology in industry, academia, and government. Micropaleontology and biostratigraphy are experiencing a renaissance, and are playing increasing and important roles in solving a variety of technical problems. As a result, there is increased demand for and an apparent shortage of specialists across the spectrum of micropaleontology and stratigraphy disciplines. Recognizing this discordance in demand and supply, we seek to utilize this Research Group meeting as a forum for community discourse toward resolving this dilemma.

Rich Lane (NSF), Jim Bergen (BP), and Martin Farley (University of North Carolina at Pembroke) will make brief presentations followed by discussion around the broad themes of promoting:

- Closer industry/academic/government ties and collaboration to train stratigraphers
- Stronger foundation, appreciation, and integration of stratigraphy into other earth science applications and allied disciplines
- Greater recognition of the historical aspects of geology and their importance in studying past and future geologic change on different time scales

All geoscientists are welcome. Please plan on joining us.  
Ron Martin and H. Rich Lane, organizers.



**NAMS**  
North American Micropaleontology Section, SEPM

**CONFERENCE ANNOUNCEMENT**

**GEOLOGIC PROBLEM SOLVING WITH MICROFOSSILS II**

*MARCH 15-18, 2009*

*UNIVERSITY OF HOUSTON, HOUSTON, TX USA*

***PRELIMINARY TITLE DUE APRIL 30, 2008***

*FINAL ABSTRACTS DUE OCTOBER 1, 2008*

The North American Micropaleontology Section (NAMS) of SEPM invites you to attend the 2nd international conference on *Geologic Problem Solving with Microfossils*.

"Microfossils II" builds on the success of the March, 2005, Microfossils I and will again bring together a diverse range of geoscientists to showcase the problem-solving power of microfossils across a broad variety of geologic settings and stimulate the "cross-fertilization" of ideas.

We are seeking high-quality oral and poster presentations in which microfossils are integrated with related geologic data and contribute to solving significant geologic problems. Presentations that demonstrate new techniques or novel applications are encouraged, and studies of all geologic ages and geographic areas will be considered. Tentative session themes for the conference include:

- Microfossils and Problems in Eustasy and Tectonics
- Biostratigraphy and its Role in Sequence Stratigraphy
- Paleooceanography, Paleoecology, and Paleoclimatology
- Biochronologic Correlation
- Micropaleontologic Applications to Reservoirs and Drilling
- Micropaleontology Tools and Techniques
- Ecologic Analogs
- Environmental Analysis
- Roundtable Discussions of one or more topics based on participant interest

Presentations on the integration of micropaleontology into sedimentologic and stratigraphic studies are welcome. The conference committee is particularly interested in volunteers to organize theme sessions on these topics.

**Tentative Schedule:**

April 30, 2008	Preliminary title due
October 1, 2008	Abstracts due
December 1, 2008	Tentative program announced

**Format for Abstract Submissions:**

- Please submit 250-word abstracts (SEPM format) on the above or related themes by October 1, 2008 to SEPM (online submission to become available). No illustrations, please.
- Abstracts should be informative and present the main conclusions of the study. We ask that authors please avoid vague phrases such as "data will be presented", etc.
- The official language of the conference is English, but the organizing committee hopes for strong international participation. If you are not a native English speaker, it would be most beneficial to have your abstract proof-read and corrected by someone fluent in English before submission.
- Presentation format: Please indicate preference for poster, oral, or both. However, the Technical Program Co-Chairs will make the final decision as to presentation format.

Authors should submit a preliminary presentation title by April 30, 2008 to the Technical Program Chairs, Ron Martin (daddy@udel.edu) or Pete McLaughlin (ppmclau@udel.edu). Full

abstracts will be due October 1, 2008 and submitted online via the SEPM website. Information on abstract submission and format, registration fees, and hotel accommodations for the conference will be announced shortly on the NAMS and SEPM websites

### **11<sup>th</sup> International Paleolimnology Symposium**

The organizing committee of the 11th International Paleolimnology Symposium is now calling for the proposal of special sessions. The deadline for submitting a special session proposal will be the 1st of October 2008. The number of special sessions will be limited by the availability of space during the meeting; therefore we suggest sending your proposal as early as possible. For submission, please send an e-mail to [maga@geofisica.unam.mx](mailto:maga@geofisica.unam.mx) with a brief description (one paragraph or so) of the theme of the session you intend to organize, including name(s) and contact details of the convener(s). If two or more special sessions are proposed on very similar subjects you might be asked to combine the sessions.

We are also pleased to announce that the symposium's web page is now active at:  
<http://www.geofisica.unam.mx/paleolimnologia/>

#### The Organizing Committee:

Margarita Caballero	Instituto de Geofísica, UNAM
Beatriz Ortega	Instituto de Geofísica, UNAM
Socorro Lozano	Instituto de Geología, UNAM
Pedro Zarate	Universidad de Guadalajara,
José Rosas	Universidad de Guadalajara,
Susana Sosa	Instituto de Geología, UNAM
Alejandro Rodríguez	FES Iztacala, UNAM

### **June 2-4, 2008—ROLF 22--(Jean George Casier)**

XXII Reunion des Ostracodologistes de Langue Francaise

Meeting at the Royal Belgian Institute of Natural Sciences, Brussels, and field trip in the Devonian of the Ardennes.

### **7<sup>th</sup> Baltic Stratigraphic Conference**

May 17-18, 2008, Tallinn

Jointly organized by the Institute of Geology at Tallinn University of Technology, Institute of Ecology and Earth Science at the University of Tartu, and the Geological Survey of Estonia. The 7<sup>th</sup> Baltic Stratigraphic Conference is an international Year of Planet Earth event aiming to contribute to two of its scientific topics: Earth and Life—the origins of diversity, and Climate change—the 'stone tape'. Moreover, the 7<sup>th</sup> Baltic Stratigraphic Conference has a special session of the IGCP Project 503: Ordovician Palaeogeography and Palaeoclimate.

All contributions related to geology and stratigraphy of the Baltic region are most welcome. The list of possible topics includes biostratigraphy and paleontology, biodiversification, and quantitative stratigraphy. A number of presentations will deal with different aspects of ostracod research. Deadline for abstracts, registration, and payment of regular fees will be March 20, 2008. Pre- and post-conference excursions will visit different sections in Estonia and in northern Latvia.

## TMS

Details of past and forthcoming meetings of the Ostracod Group (TMS) can be found at <http://www.tmsoc.org/ostracod.htm>

# REQUESTS

## Carys Bennett

I am researching the ostracod shell structure of the outer lamella to compare with my Carboniferous specimens, so if anyone knows of any recent studies of this, it would be very useful.

## Anne Cohen

I would be grateful for information about special collecting methods for non-fossil marine ostracodes. What I have collected has depended on how I sampled.

## Gabriela C. Cusminsky

I would like some information about resistant eggs and ultraviolet studies in modern lacustrine ostracodes.

## Eugen Kempf

It would be of great help for the work on the “Kempf Database Ostracoda” if ostracodologists would send copies or PDF files of their papers soon after publication. In spite of the technological developments of past decades, providing the literature dealing with Ostracoda for certain reasons has become either more complicated or more expensive.

## Okan Kulkoyluoglu

I think we need to work more on the habitat preferences of ostracods in relation to their ecology, evolution, and usage in different fields of science. At the moment, I have one PhD student, **Necmettin Sari**, who will be working on the effect of climatic changes in a small natural lake in Bolu. I would like to have a foreign student (MS or PhD) to work in projects. So, please send a message to me if you are interested in this.

## Hirokazu Ozawa

I would be grateful to receive valves of *Kotoracythere inconspicua* (Brady, 1880) for taxonomic comparison. Also, if anybody has information on the carapace morphology of *Kotoracythere inconspicua*, I would like to hear about it.

## Moriaki Yasuhara

I would be grateful if any of you sent me PDFs or reprints of any deep-sea ostracod papers, and any of you provided me any *Poseidonamicus* specimens and/or *Poseidonamicus*-bearing residues for my *Poseidonamicus* study with **Gene Hunt**. I also appreciate it if you provided any well-preserved Atlantic *Krithe* and any other deep-sea ostracod specimens/bearing residues for my taxonomic revision of Atlantic deep-sea ostracods. Especially topotype materials are very welcome. I am currently looking for topotype material of van den Bold's *Krithe* species (and *Agrenocythere hazelae*). Any information (redescription, availability of topotype material, etc.) on “classic” Atlantic shallow-marine and deep-sea species by Brady, Sars, Muller, etc., are

welcome (many of them need redescription and/or lectotype, and I am interested in deep-sea species and shallow-marine species, which also reported from deep sea like *Pseudocythere caudata*). Finally, any communication (e.g., information exchange, update, possible collaboration) would be welcome.

## INFORMATION

### Carys Bennett

I have a large literature collection on Carboniferous ostracods, plus some from the Devonian, many thanks to **Ian P. Wilkinson** and **Adrian Rundell**, who helped with this.

### Ian Boomer

I hosted two Turkish research students for visits during the past year. **Sena Akcer** (ITU, Istanbul) visited for one month; she is investigating Late-glacial to Holocene climate change in NW Turkey. **Ceran Sekeryapan** (METU, Ankara) is investigating the last few thousand years of environmental change in coastal and lake systems of Turkey using microfossils.

### Okan Kulkoyluoglu

We published one new marine ostracod genus called *Neocopytus* n. gen. from the Mediterranean Sea.

Earlier this year, we described a new species of *Cyclopyris*, called *C. vinyardi*.

### Henning Uffendorde

The University library of Gottingen, Germany, published in 2007, internet versions of:

- Muller, G.W., 1894, Die Ostracoden des Golfes von Neapel und der angrenzenden Meeresabschnitte, p. 1-496.  
Erschienen : Göttingen : DigiWunschbuch, 2007.  
Hersteller : GDZ, Göttingen.  
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## ABSTRACTS

Yasuhara, M., Cronin, T.M., deMenocal, P., Okahashi, H., and Linsley, B.K., 2008, **Abrupt climate change and collapse of deep-sea ecosystems**: *Proceedings of the National Academy of Sciences of the United States of America*, 105:1556-1560.

We investigated the deep-sea fossil record of benthic ostracodes during periods of rapid climate and oceanographic change over the past 20,000 years in a core from intermediate depth in the northwestern Atlantic. Results show that deep-sea benthic community “collapses” occur with faunal turnover of up to 50% during major climatically driven oceanographic changes. Species diversity as measured by the Shannon-Wiener index falls from 3 to as low as 1.6 during these events. Major disruptions in the benthic communities commended with Heinrich Event 1, the Inter-Allerod Cold Period (IAC): 13.1 ka), the Younger Dryas (YD: 12.9-11.5 ka), and several Holocene Bond events when changes in deep-water circulation occurred. The largest collapse is associated with the YD/IACP and is characterized by an abrupt two-step decrease in both the upper North Atlantic Deep Water assemblage and species diversity at 13.1 ka and sat 12.2 ka. The ostracode fauna at this site did not fully recover until 8 ka, with the establishment of Labrador Sea Water ventilation. Ecologically opportunistic slope species prospered during this community collapse. Other abrupt community collapses during the past 20 ka generally correspond to millennial climate events. These results indicate that deep-sea ecosystems are not immune to the effects of rapid climate changes occurring over centuries or less.

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PNAS cover photo: <http://www.pnas.org/content/vol105/issue5/cover.shtml>



**Cover image:** Ostracodes, which are small, clam-shaped crustaceans, have a rich fossil record unlike most deep-sea animals and are an important “window” into the ancient history of benthic ecosystems. The various shapes indicate high biodiversity. In the article by Yasuhara *et al.* on pages [1556–1560](#), the authors show that deep-sea biodiversity is linked to global climate and has collapsed repeatedly over the past 20,000 years. Image courtesy of Moriaki Yasuhara and Thomas M. Cronin.

## NEW TAXA

*Loxiconcha kamiyai* Ozawa and Ishii, 2008

**Mette: 2004-2006**

Jurassic of Madagascar

*Acrocythere oculata*  
*Fastigatocythere globosa*  
*F. trisulcata*  
*Trichordis praetexta magna*  
*Paradocorhyncha malgachica*  
*Majungaella ventriosa*  
*M. microperforata*  
*M. glabra*  
*Pirileberis tenuisulcata*  
*P. tenuicostata*  
*Australophocythere*  
*A. malgachica*

Permian of Iran

*Iranokirkbya* n. gen.  
*Iranokirkbya brandneri*

## OBITUARY

**Yvette Tambareau (January 28, 1938 – February 26, 2008)**

Yvette Tambareau was born in Toulouse on January 28, 1938 to parents who were both school teachers. Between 1954 and 1957, she followed the course of the Ecole Normale and then for one year taught in a primary school in the small village of Montesquieu Lauragais. In 1958 she registered at the Faculty of Sciences of the University of Toulouse and after successful graduation in 1964, she joined the Centre national de la Recherche Scientifique (CNRS), and in 1970 she presented her PhD Thesis "*Thanetien superieur et Ilerdien des Petite Pyrenees*".

In 1981 she spent on year in Pau at ELF-Aquitaine research center, in which she worked under the supervision of H.J. Oertli on the inventory and palaeobiogeography of Cretaceous ostracodes of the Atlantic margins.

She retired in 1998, but during these last ten years, she never lost contact with her colleagues and friends. She used to come often to the university to help PhD students, and she never missed any meeting of the ostracodologists' community. Despite her weak health, she was always ready to follow her colleagues and friends all over the world to attend symposia or geological field trips: Japan, China, Australia, Mexico, Oman...

Her contribution to science is important (more than 60 publications), essentially concerning ostracodes from the Paleogene and at the Cretaceous-Tertiary boundary in the continental realm and, to a lesser degree, larger foraminifera. Her culture was not only scientific. She was very much interested in the arts, mostly theatre and opera, and, by family tradition, rugby.

Yvette had many friends all over the world among scientist colleagues and any of them knew that they could rely on her on any occasion. Yvette was straight, courageous, and devoted, faithful to her land and friends. We miss her.

**Jean-Paul Colin**



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