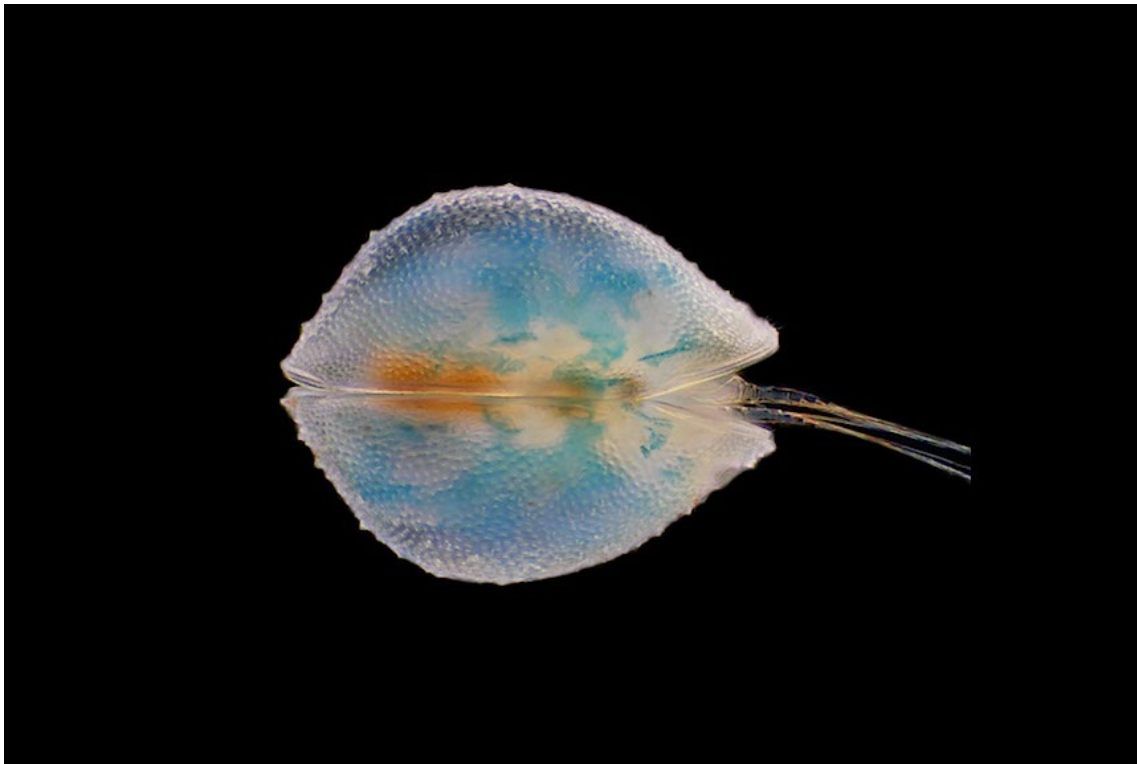


CYPRIS

2001-2002

Numbers 19-20

**Editors: Donald Van Nieuwenhuise
Rosalie Maddocks**



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

ACTIVITIES

ARGENTINA

Alicia Emma Echevarría

I am working the Tertiary marine ostracods of Chaco-Paranense basin.

Eduardo Aldo Musacchio

Recent activity In Brazil:

- He described (in collaboration with the team devotes to Cretaceous Stratigraphy of the UNESP) two nonmarine Late Cretaceous faunal assemblages from the Baurú Group in São Paulo, Brazil (see Dimas Dias Brito et al., 2001).

Activity in Argentina:

- He works on Cretaceous ostracods of Central and North Argentine Patagonia mainly in topics of systematics, biostratigraphy and paleobiogeography.

María José Salas

- I am doing my research in the University of Córdoba, Argentina. Last year I finished my PhD on Ordovician ostracods of the Argentine Precordillera. I am publishing the taxonomic information that has emerged from it.
- I will start this year with the study of lower Ordovician ostracods from the northwestern of Argentina (Cordillera Oriental).
- My main fields of interest are taxonomy, paleogeography, and paleoecology.

María José Salas

I have three papers in press, see bibliography.

AUSTRALIA

Mark T. Warne

- Mark Warne continues to work on the Miocene and Pliocene Ostracoda of southeast Australia.
- He presented papers at the 2nd Australasian Association of Palaeontologists Conference in 2000 and at the 14th International Symposium on Ostracoda in 2001.
- He has one student, **Bryce Webb**, working on the Quaternary ostracod faunas of the Yarra delta, Victoria, SE Australia.
- He continues collaborations with Prof. **Robin Whatley** on the modern Ostracoda of northern Australia.

AUSTRIA

Wolfgang Mette

- I am working on Middle-Upper Jurassic ostracods from Madagascar (taxonomy, palaeobiogeography). This work is part of a joint project on the initial rifting and basin development of Madagascar together with geologists and palaeontologist from Berlin, Bremen, and Hamburg.
- Another project deals with ostracods and small foraminifers from the Upper Permian and Lower Triassic of Iran.
- The work on Triassic ostracods from the Alps continues and will be focussed on the Middle Triassic (silicified faunas).
- I planned to start a project on the Upper Jurassic of Tendaguru (Tanzania) with emphasis on biostratigraphy and palaeoecology of the “Dinosaur-Lagerstätte”.

BELGIUM

Correspondent: Karel Wouters Karel.Wouters@naturalsciences.be

Jean-Georges Casier

- Is continuing research on Late Devonian and Early Carboniferous ostracods in relation with Upper Paleozoic events (Manticoceras, Kellwasser and Hangenberg Events).
- He is working on ostracods from Belgium, France, and Poland.

Michel Coen

- Was busier with geological mapping than with ostracods.
- He had the opportunity to be three times in South China: twice in the context of the search for a new Tournaisian-Visean boundary stratotype (to be proposed in Pengchong, near Liuzhou, Guangxi), and once in the context of a project together with Wang Shang-qi of the Nanjing Institute of Geology and Palaeontology. He could collect from the Upper Devonian to Lower Carboniferous of SE Guizhou, the Upper Tournaisian of W Yunnan, and the Upper Tournaisian of Guangxi. This material has been prepared but exhaustive study and publication are pending.

Koen Martens

Research topics in 2000 and 2001:

- Continuing studies on taxonomy, morphology, and ecology of nonmarine ostracods from Africa and the Levant.
- Comparative and evolutionary ecology of zoobenthos in large and ancient lakes (Baikal, Tanganyika, Nyasa/Malawi, and Titicaca), partim ostracods. Taxonomy of Tanganyikan Cytherideidae is conducted together with **Karel Wouters**, Tanganyikan *Gomphocythere* is studied with **Lisa Park**, Lake Baikal ostracods are studied in collaboration with **Galina Mazepova**.
- Comparisons between morphological and molecular evolution in the *Cytherissa* species flock in Lake Baikal and the *Cyprideis* species flock in Lake Tanganyika (with **Isa Schön**).
- Evolutionary ecology and genetics of darwinulid ostracods (with **Isa Schön**, **Roger Butlin**, **Karine Van Doninck** and **Valerie McCarthy**).
- Revision of Darwinuloidea with **G. Rossetti** (Recent), Mesozoic (with **Dave Horne**) and Palaeozoic (with **F. Lethiers**).
- Origin and evolution of nonmarine Cyprididoidea (with **Dave Horne**).
- Terrestrial ostracods of Brazil (with **Ricardo Pinto** and **Carlos E.F. da Rocha**)
- For Treatise: post-Cretaceous nonmarine Cypridacea, Limnocytheridae and Darwinulacea.
- Editing the proceedings of the ISO 97 symposium (with **Dave Horne**, partim Evolutionary biology and ecology of Ostracoda, special issue *Hydrobiologia* 2000).

Isa Schön

Research topics in 2000 and 2001:

- Comparisons between morphological and molecular evolution in the *Cytherissa* species flock in Lake Baikal and the *Cyprideis* species flock in Lake Tanganyika (with **Koen Martens**).
- Evolutionary ecology and genetics of darwinulid ostracods (with **Koen Martens**, **Roger Butlin**, **Karine Van Doninck** and **Valerie McCarthy**).

Guy Wansard

Since the beginning of 2001, Guy has been a teacher in a secondary school. Unfortunately, he has little time moment to continue research activities on ostracods. Nevertheless, he hopes to write papers on trace-element incorporation in living freshwater ostracods (*Candona* and *Heterocypris*) and on Belgian Holocene travertine sequences.

Karel Wouters

- Is continuing research on marine and brackish Cypridacea, mostly from the Indian and Pacific oceans.
- Together with **Koen Martens**, he is working on the taxonomy of the *Cyprideis* species flock in Lake Tanganyika.

- Supervision of Licentiate thesis (2000) of **Peter De Burghgraeve** (University of Leuven) on taxonomy and actinopalaontology of ostracods in sediments from Laing Island (Papua New Guinea).

BRAZIL

Maria Inês Feijó Ramos

I did my PhD in UFRGS, Porto Alegre, Brazil. My supervisor was Dr. Irajá Damiani Pinto. I did part of my PhD in Aberystwyth, Wales, co-supervised by Dr. **Robin C. Whatley**. I finished my PhD in 1998. The subject studied was “*Taxonomy, ecology and zoogeography of Marine Recent Ostracoda from the South Brazilian Continental Shelf.*”

Teaching activities:

I have been teaching paleontology and micropaleontology for undergraduate students in the Universidade do Amazonas, Manaus, Amazonas, Brazil.

Works in progress include:

- I have been exploring the outcrops of the Amazonian Forest (Amazon and Solimões Basin).
- Taxonomy and paleoecology of Quaternary marine and mixohaline ostracode from the Enseada do Flamengo, Ubatuba, São Paulo, Brazil.
- Taxonomy, palaeoecology, and biostratigraphy of Tertiary nonmarine and mixohaline ostracods from the Solimoes Formation, Solimoes Basin, Amazon, Brasil.
- Classification and palaeoecology of Tertiary ichthyofauna from the Solimoes Formation, Solimoes Basin, Amazon, Brasil.
- Taxonomy, palaeoecology, and biostratigraphy of the fossils from the Silurian-Devonian from the Manacapuru Formation, Amazon Basin, Brasil.

Supervising:

- I supervise an undergraduate student of Geology from Universidade do Amazonas, Manaus, Brazil, who is working in a scientific initiation program (PIBIC) sponsored by CNPq, Brazil, in the project “*Tertiary marine and nonmarine ostracods from the Solimoes Formation, Solimoes Basin, Amazon, Brazil.*”
- I am supervising an undergraduate student of Geology from Universidade do Amazonas, Manaus, Brazil, in a TFG (monograph to finish the course), in the project: “*Macrofossils Paleozoic from the Manacapuru Formation, Amazon Basin, Brazil.*”

Papers in preparation:

- Ramos, M.I.F, Coimbra, J.C., and Whatley, R.C. Taxonomy and Zoogeography of Recent marine ostracods from the south Brazilian continental Shelf (subject of my PhD thesis).

- Silveira, R.R., Ramos, M.I.F., and Coimbra, J.C., Taxonomy, and paleoecology of Quaternary marine and Mioalene ostracode from the Enseada do Flamengo, Ubatuba, São Paulo, Brazil.
- Ramos, M.I.F, Silva, M.B., and Bosetti, E., Paleozoic macrofossils from the Upper Silurian- Early Devonian, Manacapuru Formation, Amazon Basin, Brazil.

Dermeval Aparecido do Carmo

Current activities:

- I am preparing several papers on Lower Cretaceous nonmarine ostracods from Potiguar basin and marine ostracods from Albian-Recent of Santos basin.
- Study of nonmarine ostracods from Araripe, Sergipe-Alagoas and Sanfranciscana basins are in progress and will be presented in the 6th Brazilian Cretaceous Congress to be held in São Pedro (July 2002), São Paulo State, Brazil. Other Cretaceous ostracodologists may attend to join us in this Congress.

I supervise four undergraduate students on Cretaceous nonmarine ostracods:

- Ewerton Tadeu de Campos (Alagoas basin).
- Henrique Zimmermann Tomassi (Sanfranciscana basin).
- Ricardo Magno Laet Rafael (Araripe basin).
- João Villar de Queiroz Neto (Alagoas basin).

Graduate students:

- **André Luiz Durante Spigolon**, a graduate student, is supervised in a project focused on palynofacies and thermal evolution of organic matter from Alagamar Formation (Potiguar basin). Professor **Maria Léa Salgado-Labouriau** (palynology) and Dr. **Marleni Marques-Toigo** (palynology), Dr. **João Graciano Mendonça Filho** (organic geochemistry) are all working together in this project focused on an integrated palaeoenvironmental approach based on palynology and calcareous microfossils.
- **Marcos Michelli**, a graduate student, is being co-supervised together with Dr. **João Carlos Coimbra** and Dr. **Edi Mendes Guimarães** in a project on the palaeoecology of nonmarine ostracods and clay minerals from Alagamar Formation, Potiguar basin.

João Carlos Coimbra

- He works on Neocenoic and Cretaceous ostracodes of the Brazilian basins.
- Biostratigraphy and palaeoecology based on ostracodes and palynomorphs of the Araripe basin was conducted with **Ana Luisa Carreño** (UNAM) and **Mitsuru Arai** (CENPES) and has been submitted to *Geobios*. This basin includes the worldwide famous Lower Cretaceous Santana lagerstätten that contains an excellent preserved diversified fossil assemblage.
- With **Cristianini Trescastro Bergue** (PhD student) he is working with Quaternary deep-sea ostracodes from the Santos basin, southeastern Brazil.

- Together with **Cláudia Pinto Machado** (M.Sc. student) he is studying the ostracodes from Rio de Janeiro continental shelf, Brazil.
- A long-term project that attempts to describe the Ostracoda present in the Brazilian shelf, as well as to assess the zoogeographical relationships of this rich ostracofauna, has been conducted with **Maria Inês Feijó Ramos** (FUA, Manaus), **Robin Charles Whatley** (University of Wales, Aberystwyth), **Ana Luisa Carreño** (UNAM, Mexico), and graduate students.
- With **Gerson Fauth** (UFRGS) he studies Upper Cretaceous marine ostracodes from Brazil.
- With **Dermeval Aparecido do Carmo** (UnB, Brasília) nonmarine Aptian/Albian ostracodes from the Potiguar basin.
- He has begun an interesting study on the applications of ostracodes as environmental indicators in polluted Brazilian bays. This work is the subject of the PhD. thesis of **Renato Olindo Ghiselli Jr.** (USP, São Paulo), co-advised by **Beatriz Eichler**.

PEOPLE'S REPUBLIC OF CHINA

Correspondent: Peng Jin-Lan

Cao Mei-Zhen

Current research projects:

- Monographic study of the ostracod fauna of the Jehol Biota during the Late Mesozoic.
- Middle and Upper Triassic ostracod faunas of South China.

Gou Yun-Xian

Continues the revision of Ostracoda of China, Part 2: Paleozoic, Mesozoic, Cenozoic (marine) Ostracoda of China.

Hou You-Tang

Continues the revision of Ostracoda of China, Part 2: Paleozoic, Mesozoic, Cenozoic (marine) Ostracoda of China.

Li Yuan-Fang

Is working on ostracodes from a core sediments in Chen Co Lake of southern Tibet.

Peng Jin-Lan

Is working on:

- The regional differentiation of lake environment response to southwest monsoon climate.
- Recent Ostracods in Tibet and environmental parameters.

Peng Wei-song and Wan Shan

Are engaged in ostracodes analysis from Mesozoic and Cenozoic of North China.

Wang Qiang

I continue to study Quaternary Ostracoda and environmental changes in China.

Wang Shang-Qi

- Continues his work on Sinoleperditini (Leperditicopida, Ostracoda) from the Devonian of South China and adjacent areas.
- He and Dr. **Peng Jun-lan** continue their cooperative research with Dr. M. Coen on the Middle Devonian-Lower Carboniferous Ostracodes from Guizhou and Guangxi, China.
- He has finished several manuscripts, including:
 - Sinoleperditini (Ostracoda) from the Lower Emsian Shanglun Formation at the Shanglun village, central Guangxi, China (coauthor: **Robert F. Lundin**).
 - New advance in the study on the Sinoleperditini (Ostracoda) from the Devonian of South China (coauthor: Dr. **Peng Jun-lan**).
 - Leperditicopids (Ostracoda) and Late Devonian F/F mass extinction event.

Yang Fan

Is working within a project together with **Sun Zhen-Cheng** on ostracoda ecology in Qaidam Basin, NW China.

Yang Shi-zhong

- Was engaged in research on the palaeoenvironment of Jurassic of North China in recent years. In this project, three paleobiogeographic provinces have been divided: Circum-tethys paleobiogeographic province, Near Pacific paleobiogeographic province and Wusuli Bay paleobiogeographic province, based on the characteristics of biota, including ostracodes assemblages.
- Yang Shi-zhong identified marine ostracode specimens from the Carboniferous-Permian stratigraphy in North China.

EGYPT

Ashraf Elewa

Present research:

- Morphometric studies on ostracods of the middle Eocene deposits of the Nile Valley.
- Paleocene to early Eocene ostracods of Sinai, Egypt.
- Predation on ostracods.
- I am working on ostracod morphometrics with Prof. **Richard A. Reymont** of Sweden.

My student Mr. **Omar A. Osman** will finish his M. Sc. Thesis on "*Maastrichtian to early Eocene succession around the phosphate mines at Safaga area, Eastern Desert, Egypt*".

Abdel-Mohsen M. Morsi

Interests for the year 2001:

- *Cenomanian Ostracode Faunas from Sinai Peninsula, Egypt:*
The present research is concerned with the study of Cenomanian ostracode associations in Sinai Peninsula. It is directed to their taxonomy and paleobiogeography, biostratigraphy as well as paleoecology. Stratigraphically, three kinds of ostracode species are distinguished: species known since the Albian, species restricted to the Cenomanian and species extending higher into the lower Turonian. The recorded ostracode fauna are dominated by open marine species, however, levels yielding transitional marine and brackish water species are recognized. Most of the elements recorded have a wide geographic distribution along the southern Tethyan realm from Morocco in the west to the Arabian Gulf region in the east.
- *Lower Cretaceous (Aptian-Albian) Ostracoda from Northern Sinai, Egypt:*
The Risan Aneiza Formation in Northern Sinai represents the only known exposed marine Lower Cretaceous sediment in north-eastern Egypt. It yields a well preserved ostracode fauna in several levels. These fauna are studied for their taxonomy where they are systematically described and discussed where necessary. The recorded assemblages suggest an Aptian–Albian age for the Risan Aneiza Formation in the study area. A shallow, warm marine environment is also indicated by the recorded ostracode assemblages.
- *High Resolution ostracode record at the Paleocene/Eocene Transition in the South Eastern Desert of Egypt:*
High-resolution records of ostracode assemblages at the Paleocene/Eocene transition, across the Paleocene/Eocene thermal maximum (PETM) level in the areas of Gebel Duwi and Gebel Aweina in the south Eastern Desert of Egypt are studied for their taxonomy. The environmental changes preceding during and shortly after the PETM witnessed the disappearance of certain species and subspecies and the evolution of new taxa, which during the latest Paleocene and early Eocene became important constituents of neritic ostracode assemblages in Egypt.

ESTONIA

Oive Tinn

Baltoscandian Ordovician ostracodes.

FRANCE

Correspondent: **Jean-Paul Colin** jean-paul.colin@worldonline.fr

Bernard Andreu

- Lias and Dogger of Quercy and Grands Causses, France.
- Upper Cretaceous of the Pyrenees, France.
- Jurassic (Callovian-Oxfordian) of Portugal.
- Cretaceous (Aptian-Albian) of Bulgaria.
- Lower and Upper Cretaceous of Morocco--High Atlas, Middle Atlas, High Moulouya.
- Marine Jurassic and Cretaceous of Jaisalmer Basin, Rajasthan, India.
- Continental Cretaceous of Junggar Basin, China.

Thesis supervision:

- **O. N'zba-Makaya**, "*Ostracod assemblages from the Carixian-Domerian of Quercy and Grands Causses, Southern France. Systematics, biostratigraphy and sequential stratigraphy, palaeoecology and palaeobiogeography. Comparison with Portugal*".
- **Rossi, Semlalia** University, Marrakech, Morocco: "*Ostracod assemblages from the Lower Cretaceous of the Basins of Agadir and Essaouira, Morocco*". (codirection)
- **El M. Ettachfini, Chouaib** Doukkali University, El Jadida, Morocco: "*Cenomanian and Turonian Moroccan series. Lithology, micropalaeontology, and sequential stratigraphy*".

Jean-Francois Babinot

- Upper Cretaceous of Provence (S.E. France): integrated biostratigraphy platforms/basins.
- Ostracode paleobiodiversity variations during crisis and recovery intervals.
- Ostracodes from the Gargasian and Bedoulian (Aptian) stratotypes, southeast France.
- Studies on Neogene ostracodes from the Mediterranean area.
- Burdigalian of Corsica.
- Messinian from Algeria, South Spain.
- Late Quaternary from Alboran Sea (Morocco).

- Serravalian-Tortonian from South Turkey, Lower Miocene from Sardinia
- Studies on tectono-sedimentary complexes in the Provence area (Late Cretaceous to Oligo-Miocene) (with **J. Philip**, Marseille).
- Systematical approaches concerning probably new freshwater taxa from the Uppermost Cretaceous.
- Collaboration to the revision of the genus *Fossocytheridea* (with **N. Tibert** and **J.-P. Colin**).
- The study of recent inner carbonate platform assemblages from Bali (with **J.P. Colin**).

Luc Bertholon

During the the past 2.5 years I worked as an auctioneer, and therefore did not have any ostracode activities. I am now looking for a job in France or abroad.

Anne-Marie Bodergat

- Life history and geochemistry of Recent ostracode species from Kagoshima Bay Japan (with Dr. **K. Ishizaki**, Sendai University, Japan and Dr. **Oki**, Kagoshima University, Japan).
- Distribution and geochemistry of Recent foraminifers and ostracods species from Senegal (with Drs. **Ly and R. Saar**, Dakar University, Senegal).
- Paleoeceology of Lower Jurassic ostracodes from Morocco (with Dr. **El Youssef**, Rabat, Maroc).

Thesis supervision: **R. Pipik**, Upper Neogene ostracods species from Slovakia.

Gilles Carbonnel

Has retired from university and ceased all ostracode activities.

Pierre Carbonel

- Relationships between ostracodes and biogeochemical processes at the water sediment interface in epibathyal area (400-2500 m): seasonal dynamics, microhabitat. Formation of the paleobiological message.
- Biological experiment on the relations between *Krithe* and oxygen-food variation (with **J.-C. Massabuau**, Arcachon, France)
- Rapid evolution of the shoreline during the Holocene along the Bay of Biscay and in Mediterranean archaeological sites: Marseille (France), Larnaca (Cyprus) and Alexandria (Egypt) (with **C. Morhange**, Aix-en-Provence)
- Mio-Pliocene Candoninae of Morocco (with **D. Nachite**, Tetouan, Morocco, and **D. Danielopol**, Mondsee, Austria).
- Seasonal dynamics of ostracodes in estuarine area: Vie estuary (Vendée, France) (collaboration with **J-P. Debenay** (University of Angers)).

Master's directions:

- 2001: **L. Matabos**: Seasonal effects on ostracodes population in 4 stations of the Vie estuary (Vendée, France).

DEA directions:

- 2001: **S. Caradec**: Comparison between ostracode populations at 1000 m in a canyon area (Capbreton), and in "normal" area (Landes area).

Thesis direction:

- 2001/2002: "Tesina" direction of M. Azpilikueta: collaboration with **A. Pascual** and **J. Rodriguez**, Bilbao: The ostracodes, markers of the Mediterranean Overflow Water: seasonal dynamics, evolution during the late Quaternary (125000 last years).

Jean-Paul Colin

Last year (October 2000) I "retired" from industry. I am consulting and part-time teaching applied micropaleontology at the University of Bordeaux 3.

I have been elected Vice-President of the Réserve Géologique Naturelle de Saucats-La Brède (Aquitanian and Burdigalian stratotypes).

Research activities:

- Recent ostracodes from reefal environment in Bali, Indonesia (with **J.-F. Babinot**, Marseille, France).
- Tithonian and Purbeckian ostracodes from the Ile d'Oléron (with **P. Hantzpergue**, Lyon, **J. Schyder**, Paris)
- Maastrichtian ostracodes from the Mahajanga Basin, Madagascar (with **J. Hartmann**, Grand Forks, North Dakota, U.S.A., **R. Whatley** and **C. Maybury**, Abersystwyth, Wales).
- Paleocene and Eocene ostracodes from Pakistan and Oman (with **Y. Tambareau**, Toulouse, France).
- Upper Cretaceous ostracodes from Gosau, Austria (with **W. Mette**, Innsbruck, Austria)
- Cenomanian-Turonian marginal marine ostracodes from the Western Interior, U.S.A. (with **N. Tibert**, Northampton, Massachusetts, U.S.A).
- Check list of recent ostracodes from the French overseas territories (DOM-TOM).
- Eocene limnic ostracodes from Portugal (with Prof. **Telles-Antunes**, Lisboa, Portugal).
- Stratigraphic atlas of ostracodes from offshore Ivory Coast.
- Aptian *Cypridea* from Portugal (with **C. Cabral**, Lisbon, Portugal.)

Laure Corbari

I am preparing a PhD with Dr **Massabuau** as a supervisor. I am studying how ostracods can adapt to changes in water chemistry, especially water oxygenation levels. I am working on animals originating from the Bay of Arcachon et of Biscaye. The final goal is to get insight into the relationship between ostracods and oxygen and to refine the

relationship of *Krithe* (vestibule size) to oxygen. I am using video imaging, gas control system in thermostated μ -aquarium and O₂-electrodes.

Sylvie Crasquin-Soleau

During this last year, little time devoted to ostracode studies. I was absolutely swallowed up by the final phase of the International Peri-Tethys programme. The Atlas is published with its 24 palaeogeographic maps from the Moscovian to the last Glacial Maximum. I am working on the publications of my results on the Permian of the Russian Platform and on the Triassic. I hope to be back to ostracode in the near future.

- I work on Permian and Triassic from Turkey, with interesting discoveries (paper in preparation) of ostracods from the earliest Triassic.
- I began work on Early Permian in South America with a first field trip in Argentine during last November. I plan to go to Bolivia in 2001.
- I have a student which is working on the variations of Triassic paleobathymetry in Romania.

Renée Damotte

Has retired from university and ceased all ostracode activities.

Odette Ducasse

Has retired from university and ceased all ostracode activities.

Ulrich Grafenstein

In 2000 and 2001, I continued to work on freshwater ostracodes from European lakes, including Ammersee (Germany), Gerzensee (Switzerland), Lac d'Annecy and Lac de Bourget (France). My main interest is climate reconstruction on various timescales using stable isotopes, for which the valves of benthic Ostracoda from deep lakes are still the best. Together with **Ian Boomer** (Newcastle), **François Guichard** (LSCE, France) and **Sophie Bieda** (CEREGE, Aix-en-Provence, France) we made some progress with the work on the stable isotope chemistry of ostracode valves from Caspian Sea cores.

Claude Guernet

Has retired from university but remains active in ostracode research:

- Taxonomy of *Argilloecia* and allied genera (with **M.C. Guillaume**).
- Ostracodes and biostratigraphy of the Mediterranean Neogene.
- Holocene ostracodes from the region of Egion (Gulf of Corinth, Greece).

Marie-Claude Guillaume

Taxonomy of *Argilloecia* and allied genera (with **C. Guernet**)

Thierry Hoibian

- Continued last year, the survey of the distribution of actual ostracods of the Thio Delta, on the east coast of New Caledonia, from freshwater to marine and coral reef environments. The aim of this study was to estimate the impact of lateritic sedimentation on the microfauna and to compare with other estuaries of the west coast, studied the previous years.
- Made some progress in the study of the relation between seaweeds and ostracode species (and other biotopes) of coral reef flats of Bourail.
- Began a new study of the distribution of ostracods through the lagoon of New Caledonia in relation with the ECOTROP project with the IRD (<http://www.ird.nc/>). One of the objectives of this survey is to estimate the incidence of anthropogenic factors on marine environment and short time evolutions.
- Distribution of Bairdiinae from coral reefs flats of New Caledonia.
- Ecological distribution of recent ostracods from the Thio Delta dominated by lateritic clays sedimentation, on the east coast of New Caledonia.
- I am completing a database on ostracods of New Caledonia and developing GIS for environmental survey (including ostracods).
- Collaboration with **Jean Paul Colin** and **Jean François Babinot** on Inventaire annoté des Ostracodes marins des Départements et Territoires d'Outre-mer (DOM-TOM). 3 : Nouvelle-Calédonie (Océan Pacifique). *St. Linnéenne de Bordeaux*.

Cecilia Laprida

- Had a post-doc during 18 months in Bordeaux (now back to CONICET Buenos-Aires, Argentina.)
- Ostracodes and paleoenvironmental evolution of an estuarine area along the Atlantic coast of Argentina during the late Quaternary
- Dynamics of ostracodes populations, particularly *Krithe*, in the south Bay of Biscay in the epibathyal area

Francis Lethiers

Has retired from university (October 2001) and has ceased all ostracode activities.

Pierre Marmonier

Main projects:

- Systematics of groundwater ostracods in Morocco (with **M. Boulal** and **B. Idbennacer** University of Marrakech, Morocco).
- Effects of landscape changes linked to agriculture on stream fauna diversity, including Ostracoda, (second year of the programme).

- Systematics and biogeography of groundwater ostracods of Western Australia (with **I. Karanovic** and **W. Humphreys**, Western Australian Museum, Perth, Australia).

Jean-Charles Massabuau

I am a respiratory physiologist, specialised in the study of aquatic animals (crustaceans, fish, and mollusks). My aim is to understand how breathing is controlled in relation to the water physico-chemistry. I have been working on ostracods for two years, and I developed specialised experimental set-up where the water physico-chemistry is controlled. Video is used as a tool of investigation (IR light).

Philippe Mourguiart

- Continuing studies on taxonomy and ecology of Bolivian nonmarine ostracods.
- Paleoclimatology of the Central Andes and Amazonia since ca. 50,000 years (with **Maria Eugenia Montenegro**).
- Taxonomy, morphology and ecology of estuarine ostracods (Adour River).

Odette N'Zaba-Makaya

PhD Thesis: "*Ostracod assemblages from the Carixian-Domerian of Quercy and Grands Causses, Southern France. Systematics, Biostratigraphy and Sequential Stratigraphy, Palaeoecology and Palaeobiogeography. Comparison with Portugal*".

Henri J. Oertli

- Continues abstracting/commenting papers on post-Paleozoic Ostracoda for the *Zentralblatt für Geologie und Paläontologie*" (about 150 papers in 2000).
- The thesis I supervised (**Sauvagnat, J.**, on Aptian-Albian ostracodes from the Jura mountains) has been published in Geneva in 1999.

Jean-Pierre Peypouquet

Not involved in ostracode research due to heavy administrative tasks. Acting as Director of the Département de Géologie et Océanographie (University of Bordeaux 1) and in charge of a Doctoral School entitled "Sciences de la Vie, Géosciences, Sciences de l'Environnement".

Yvette Tambareau

I am now retired from the University. My last project on ostracodes is Eocene ostracodes from Oman (with **J.-P. Colin**).

Jean Vannier

- Since 2000 I have focused on the structure and functioning of palaeoecosystems from the study of several biota with exceptional preservation such as that of Maotianshan Shale (early Cambrian; South China) Montceau-les-Mines (Carboniferous) and Crayssac (Upper Jurassic). The research on the early Cambrian ecosystem (food chain, feeding strategies, prey-predator relationships) is a collaborative program between CNRS (Lyon-Lille) and Academia Sinica (Nanjing). We are studying the origin and early evolution of crustaceans with **J.Y. Chen** (Nanjing).
- Another project with **P. R. Racheboeuf** (Lyon) concerns the colonization of pelagic niches by arthropods (ex., phyllocarids) during the early Palaeozoic, using modern analogues (ex., pelagic ostracods).
- I took part in the ISO-2001 Symposium in Shizuoka, and I am working on the segmentation of ostracods and its genetic expression with **Akira Tsukagoshi**, **Andrew Parker**, and other colleagues.
- I am interested in experimental work using ostracods (ex., influence of oxygen level in collaboration with **J.-C. Massabuau** and **L. Corbari**, Bordeaux).

GERMANY

Gerhard Becker

Activities in 2000 included:

- Editing "Palaeozoic Ostracod Classification" (POC), previously drafted as "Treatise pre-printing series" and having now become a constructive contribution its own right to submit new Treatise standard treatment of Palaeozoic Ostracoda.
- In the year 2000, all contributions dealing with the systematics of the Superfamily Bairdiocypridacea Shaver, 1961 [POC, Nos. 13-15, Family Pachydomellidae Berdan and Sohn, 1961; Nos. 16-17, Family Bairdiocyprididae Shaver, 1961] have appeared; from the remainders [Nos. 18-20, Family Beecherellidae Ulrich, 1891 and Family Bairdiidae (Palaeozoic forms only)] proof-sheets have been seen.
- Furthermore, in (2) studies on the "natural" Devonian-Carboniferous boundary have been continued. In this connection the lowermost Tournaisian "Stockum level" (sensu Becker 1999), consisting of thin-layered argilloclastic intercalations between the Hangenberg Shales and the Hangenberg Limestone, was replaced by "Muehltal Set", based on ammonid, trilobite, conodont, and ostracod data. The new lithostratigraphical unit is easily observed in central and western Europe as well as in northern Africa and represents (in terms of event stratigraphy) the recreation phase of the preceding Hangenberg extinction event.

- Three studies on north Spanish ostracoda faunas, dealt with for thirty years, have been finished with the description of restricted-marine to open-marine, Upper Emsian Santa Lucia assemblages, including zoogeographical data of 180 Devonian ostracod species.
- With four contributions to the Wolfgang Struve Memorial Volumes dealing with biostratigraphical and palaeoecological aspects of ostracod studies, started in the 1960s from the Middle Devonian of the Eifel region. In one of the volumes, progress in mid Palaeozoic palaeoceanographical studies from Ostracoda is included, as presented orally at the occasion of ISO97.
- Although retired and appointed Honorary Worker with the Senckenbergische naturforschende Gesellschaft (Senckenberg Museum), lectures in palaeontological preparation techniques at the University of Frankfurt will be continued as long as students are interested in that matter.

Activities in 2001:

- Gerhard continued editing "Palaeozoic Ostracod Classification" (POC), previously drafted as "Treatise pre-printing series" and having now become a constructive contribution in its own right to submit new Treatise standard treatment of Palaeozoic Ostracoda. Practically, all issues concerning the Superfamilies Kirkbyacea, Nodellacea, Bairdiocypridacea and (Palaeozoic) Bairdiacea have been published up from 1997 by E. Schweizerbart (Stuttgart).
- The same is with results of the author's studies on Lower Devonian (Emsian), shallow-water ostracod faunas having collected in 1970s in the Cantabrian Mountains (northern Spain).
- Although retired and appointed Honorary Worker with the Senckenbergische naturforschende Gesellschaft (Senckenberg Museum), lectures in palaeoecology are offered to the Johann Wolfgang Goethe University as long as students are interested in "classical" ways of looking at this matter.

Claudia Didie

Since summer 2001, dealing with ostracodes from surface sediment samples from the South Atlantic. The work includes comparison to benthic forams, stable O and C isotopes and Mg/Ca-analyses. This project runs till 2003.

Peter Frenzel

Peter Frenzel works now, after his return from his postdoctoral stay in Angers (France), with a three-year fellowship by the German Federal Environmental Foundation in the department of Marine Biology at the University of Rostock, Germany. His research concerns the Quaternary ostracodes and foraminifers from the southern Baltic Sea and its use as bioindicators for palaeoenvironmental reconstruction and environmental monitoring. In the first step the work is focused on the shallow lagoons of Mecklenburg-Vorpommern (NE Germany) but will be expanded gradually to adjacent areas and cores with Holocene and Pleistocene sediments. **Finn Viehberg** from Greifswald collaborates

in this study with a PhD thesis on Quaternary freshwater ostracods from western Pomerania.

Horst Janz

In 2000 and 2001 I was busy with geochemical investigations (stable isotope composition, O and C, and trace element ratios, Sr/Ca, and Mg/Ca, of Miocene marine and brackish ostracods from north alpine foreland deposits. Predominantly, *Cytheridea* and *Cyprideis* species were analyzed. A paper on this subject was submitted for publication in a special ISO2001 issue of *Palaeo Palaeo. Palaeo.*

I continued different studies on freshwater ostracods:

- A third sampling campaign of modern freshwater ostracods of Lake Biwa (Japan) was conducted during August and September 2001, together with **M. Nishino** (Lake Biwa Research Institute) and **M.J. Grygier** (Lake Biwa Museum).
- The findings of a study on Holocene freshwater ostracods of the Neolithic excavation site Unfriedshausen (Bavaria), conducted together with **R. Matzke-Karasz**, were published.
- **S. Mischke** provided interesting *Ilyocypris* species from Quaternary lake sediments of China. We are preparing a documentation of these species with respect to their marginal ripplelets, taking also into account different *Ilyocypris* species collected by **R. Fuhrmann** in eastern Germany.
- I am involved in a study of Miocene freshwater ostracods from China, conducted by **H. Malz**.

Eugen K. Kempf

- Is intensively working on his project "Cologne Database Ostracoda" which has been termed "Kempf Database Ostracoda".
- The plan, as mentioned in CYPRI 18, to publish volume 10 (= Bibliography D) of the series "Index and Bibliography of Nonmarine Ostracoda" as volume 113 of the serial "Sonderveroeffentlichungen" of the Geological Institute of Cologne University could not be realized. That serial has been abandoned in favour of a new scientific serial in A4-format, the "Koelner Forum fuer Geologie und Palaeontologie".
- Collecting material for that Bibliography D has been stopped in December 2001. With 1500 non taxonomic literature citations it will soon be available on CD-ROM in HTML-format.
- The same is the case with volume 10 (= Bibliography D) of the series "Index and Bibliography of Marine Ostracoda". Likewise with 1500 nontaxonomic literature citations that Bibliography D will be available on CD-ROM soon.
- Under the title "*Fossil and living Ostracoda of the World*" all other present and future activities of the database project are concentrating on electronic media.

Dietmar Keyser

- Finished the big project of the ecology of the Aral Sea basin and started back on ostracods.
- A new INTAS/DFG project concerning the natural climatic and antropogenic influences on climatic changes in the Aral Sea region has begun. It includes a fine stratigraphy of ostracods in the lake sediments. The cooperation with **Lubov Nagorskaja** from Belorussia has resulted in several manuscripts on freshwater ostracods of this region.
- To study the formation of the calcified cuticle in ostracods, he is working together with **Nikolas Aladin** from St. Petersburg in Russia on osmolarity changes and molting.
- Posters of the discovery of freshwater ostracods in Baltic amber have been prepared together with **Wolfgang Weitschat** from Hamburg.
- Papers on freshwater ostracods from the Balkan pensinsula will be published together with **Trajan Petkowski** and **Burkhard Scharf**.

Alexander Liebau

- Finished his "*Comment on higher taxa of the Ostracoda*" and sent the manuscript to **Dave Horne** and **Koen Martens**.
- He continues to collect data on the phylogenetic relationships among the major branches, and there are several manuscripts on cytherocopine stories to be completed.

Renate Matzke-Karasz

- Continued work on the revision of the European fossil and Recent *Cyclocypris*.
- A redescription of the extinct Pleistocene/Holocene *Cyclocypris diebeli* Absolon by mummified soft parts is about to be completed.
- The findings of 5,000-year-old ostracod spermatozoa from Bavaria and Norfolk have been published together with **David C. Horne** (formerly Cambridge), **Horst Janz** (Tübingen), **Huw Griffiths** (Hull) and others (Matzke-Karasz et al. 2001) – the first record of fossilized animal spermatozoa apart from recently described springtail-sperms locked in Eocene amber.
- In cooperation with **Horst Janz**, a faunal and ecological study of the ostracods of a neolithic marshland settlement in Unfriedshausen (Bavaria) has been finished (Janz and Matzke-Karasz, 2001).
- Finally, about to be submitted: a multidisciplinary study to reconstruct the palaeoenvironment of the alpine foreland during the Chatt (Upper Oligocene, Molasse-sediments) – a study including foraminifers, charophytes, mollusks, ostracods, and otoliths, carried out together with specialists in Munich and Hamburg.

Wolfgang Mette

- I am working on Middle-Upper Jurassic ostracods from Madagascar (taxonomy, palaeobiogeography). This work is part of a joint project on the initial rifting and

- basin development of Madagascar together with geologists and palaeontologists from Berlin, Bremen, and Hamburg.
- Another project deals with ostracods and small foraminifers from the Upper Permian and Lower Triassic of Iran.
 - The work on Triassic ostracods from the Alps continues and will be focused on the Middle Triassic (silicified faunas).
 - It is planned to begin a project on the Upper Jurassic of Tendaguru (Tanzania) with emphasis on biostratigraphy and palaeoecology of the “Dinosaur-Lagerstätte”.

Steffen Mischke

- I am working on the paleoenvironmental and paleoclimatic reconstruction of Late Quaternary sections from northwest China.
- In June of 2001 I finished my PhD thesis on the “*Mid and Late Holocene paleoenvironment of the lakes Eastern Juyanze and Sogo Nur in NW China, based on ostracod species assemblages and shell chemistry.*”
- The investigation of a Holocene core from Bosten Lake in Xinjiang is in a later stage.
- In January 2002, two 14-meter long cores were drilled in a lake of the Qilian Mountains and will be analyzed at Lanzhou University and in Berlin.
- Together with **Horst Janz**, I am working on problems of identification of species of the freshwater genus *Ilyocypris* by using marginal ripplelets. Any kind of help, suggestions, or provided material will be warmly welcomed.

Nasser Mostafawi

I continue my study on taxonomy, stratigraphy, and ecology of the Neogene ostracods from the Aegean Islands.

My other research activities include studies on Recent ostracods from the Persian Gulf and Holocene ostracods from the Büyük Menderes delta plain (west Turkey).

Claudius Pirkenseer

- I am working on my diploma thesis which treats the Neogene sediments (upper freshwater Molasse, middle Miocene) from drill cores of the Denkendorf Basin (Franconian Alb, Bavaria), focusing on ostracods and other microfossils as palaeoecological indicators.
- I am particularly interested in palaeontology and palaeoecology of Mesozoic terrestrial habitats and palaeontology of Greece.

Peter Schaefer

- Is working on Oligocene to Miocene ostracods of the Mainzer and Neuwieder Basin as well as in the freshwater Molasse.
- He will host the German ostracodologist meeting in 2002 in Mainz.

Burkhard Scharf

- Investigated the fossil ostracods of the Late Glacial Meinendorf Interstadial from Miesenheim, Eifel, (presentend in Shizuoka) and of a core from a maar lake in the Eifel area, Germany (about the last 100,000 yrs).
- He started the investigation of the ostracods from the Harz Mountain in Germany and from the Chilika Lake (largest lagoon of Asia) in India.

Michael E. Schudack

Continues his research on ostracods and charophytes. Current main activities on ostracods include Late Jurassic and Early Cretaceous in Europe and North America, and the Holocene of Central Asia. His focus (depending on the project) is on biostratigraphy, paleoecology, biogeography, paleoclimatology, and stable isotope shell geochemistry.

Thesis supervision:

- Late Jurassic ostracods from eastern Spain (**K. Kussius**).
- Rhaetian ostracods from northern Germany (**K. Oppermann**).
- Micropaleontology of Tendaguru Formation (Upper Jurassic, Tanzania) (**B. Sames**).

Running applications for research projects are:

- Early Cretaceous ostracods from the Western USA.
- Quaternary ostracods from Quaidam Basin (China).

Michael will organize the 15th International Symposium on Ostracoda (ISO15) in Berlin in September 2005.

Ulla Schudack

- Is currently doing consulting on late Jurassic ostracods and non-ostracod related work in multimedial teaching projects.
- She plans to study nonmarine ostracods from the Lower Cretaceous of Spain in a future project.
- Ulla will co-organize the 15th International Symposium on Ostracoda (ISO15) in Berlin in September 2005.

Antje Schwalb

Antje moved to Heidelberg, where she is based at the Institute of Environmental Geochemistry and focuses on research and teaching. She finished her "Habilitationsschrift" on "*Ostracodes as stable isotope recorders of Late-Glacial and Holocene environmental dynamics and climate*" and continues working with ostracodes from the Americas and Central Europe.

Robert P. Speijer

- In cooperation with **Mohsen Morsi** (Ain Shams University, Cairo, Egypt) several studies on lower Paleogene ostracodes from an epicontinental basin on the southern Tethyan margin (Egypt, Israel, Jordan) were initiated. One focal point concerns faunal changes related to the Paleocene-Eocene thermal maximum (PETM), a <200 kyr time interval from which ostracodes are rarely studied in detail. This short-term global event led to the extinction of about 40 percent of all deep-sea benthic foraminifera species, but ostracode faunas are thought to have persisted rather unaffected. In the epicontinental basin studied, the benthic foraminiferal turnover was somewhat less pronounced. Our ostracode investigations in this basin show that an earlier observed long-term Paleocene-Eocene faunal transition was punctuated during the PETM. Eastward migrations along the Tethyan margin appear to have intensified. Changes in the faunal record also suggest a rapid sea-level fall immediately prior to the PETM and a sharp rise during this event (*Geology*, vol. 30, p. 23-26, 2002). Taxonomic documentation is underway (see contribution by **Mohsen Morsi**).
- Another focal point is the combined use of Ostracoda and benthic foraminifers for paleoenvironmental, particularly paleobathymetric, reconstructions for the studied basin. These studies contribute to our understanding of early Paleogene biotic evolution, climate, paleoceanography, and basin development.

Finn Viehberg

Finn Viehberg is employed at the Institut of Geology at the University of Greifswald, Germany. He is working on his PhD thesis. The research thesis is about the Holocene ostracodes from Western Pomerania, Germany, and its coastal waters. It is planned to sample qualitative data in forty to fifty locations throughout the area. All types of potential biotopes, suitable for ostracods, are covered. Four to five locations are selected for analysing Holocene core material. The use as bioindicators for palaeoenvironmental reconstruction and environmental monitoring is going to be tested. Dr. **Peter Frenzel** from Rostock collaborates in this study with his research on Quaternary ostracodes and foraminifers from the southern Baltic Sea.

Anton Waltschew

Activities:

- Working on microfossils (Ostracoda, Foraminifera, Echinodermata) from the Lower Jurassic of Germany.
- Interested in Tertiary and recent microfauna, especially from Mediterranean areas.

I appreciate your fine humour (CISL)! The discussions on OSTRACON have developed to be both intensive and informative and are extremely interesting for me (as a private worker).

Rosaline Hugette Weiss

Activities in 2000-2001 include editorial activity and palynology studies.

Dieter Zissler

Continued his fine structural investigations on spermatids and spermatozoa of the fresh-water ostracods (*Notodromas monacha*, *Cypria ophthalmica*, *Cypria exsculpta*) with special interest in the relationship of RNA-Helices to the so-called wing structures, which are interpreted as responsible for the motility of the sperm.

INDONESIA

Kresna Tri Dewi

I am doing a collaborative research on samples from Makassar Strait and Timor Sea with Dr. **Peter Frenzel** (Rostock University, Germany). It started from middle of year 2000 until the end of 2003.

At the end of year 2001, I began work on samples from the Banda Sea with Dr. **Dick van Harten**, the Netherlands.

I supervised a student (**Dicky Dermawan**) from the Department of Geology, Bandung Institute of Technology for his bachelor's degree on Ostracoda from the Jakarta Basin.

ITALY

Correspondents: **Elsa Gliozzi** gliozzi@uniroma3.it and **Ilaria Mazzini** imazzini@sngkw.uni-frankfurt.de

Trieste Team

(**Nevio Pugliese** (coordinator), **Deborah Arbulla** (Museo Civico di Storia Naturale, Trieste), **Alessio Bandelli**, **Mario Masoli**, **Maria Eugenia Montenegro**, **Luciana Novaro**, and the students **Valentina Furchas** (Cagliari University), **Giulia Marras** (Cagliari University) and **Manuela Pagot** (Trieste University).

Research activity 2001

The research on ostracods has been addressed to modern and late Quaternary deposits of some Mediterranean and peri-Antarctic areas.

The Mediterranean sectors include the northern Adriatic area (Trieste Gulf and a nearby alluvial plain of archaeological interest) and the Archipelago of Maddalena (Sardinia). Adriatic area: the study has focused on the ecology of the ostracods of a tidal flat near Trieste (see publication). The analysis of the ostracods belonging to boreholes near the

archaeological site of Aquileia (research in progress) has been performed in order to interpret the human impact on natural environmental evolution of such area.

Archipelago of Maddalena: the analysis concerns the ecology of the ostracods which occur in numerous grab and core samples collected in the coastal seafloors. Such research is realized in collaboration with **Antonio Russo** (University of Modena and Reggio Emilia). A small sector of this area has already been the topic of a publication; other sectors are the topics of a PhD thesis (**Deborah Arbulla**) and three honour degrees theses.

Peri-Antarctic area: the ongoing study of the ostracods of the Magellan Strait concerns their taxonomy, ecology, and geographic distribution. The material belongs to grab and core samples located along all the Strait.

Research activity 2002

Continuation of the research activity 2001. Moreover, research is planned on the ostracods of coastal settings of Thailand.

Parma Team:

Giorgio Benassi, Ireneo Ferrari, Sandra Sei and Ken McKenzie are working on the ecology and taxonomy of marine planktic ostracods within different projects: National Project P.N.R.A. (Antarctica, Ross Sea; International Project P.N.R.A. (The Magellan Straits); National Projects EOCUMM94 and EOCUMM95 (CoNISMa) (Southern Thyrrehenian Sea , off the Eolian Islands); INTERREG Italia-Albania (Southern Adriatic Sea).

Andrea Gandolfi is involved in the study of the ecological and evolutionary patterns and processes in the life history of ostracod species, with special interest for genetic variability, life history traits, dormancy and the evolution and maintenance of different reproductive modes. He is investigating genotypic diversity, by use of molecular tools (PCR, RAPDs, and DNA sequencing), and phenotypic diversity, as resulting by environment effects, in different species of freshwater ostracods.

Valeria Rossi, together with **Paolo Menozzi, Carlo Bellavere** and **Andrea Gandolfi** is involved in research that includes basic and applied aspects of population biology: population ecology and population genetics of different ostracod species: *Heterocypris incongruens*, *Eucypris virens*, *Darwinula stevensoni* (Ostracoda). Genetic markers are used as a taxonomic tool to distinguish ecologically different subspecies and subpopulation units. Genetic variability in time and space is evaluated in relation to the ecology, biological characteristics and diapausal strategies of species with different reproductive modes.

Students and thesis topics:

Barbara Tondelli, Monica Gallani "Populations ecology of *Heterocypris incongruens* populations.

Giampaolo Rossetti

Interested in the study of taxonomy and systematics of the Recent Darwinulidae, in cooperation with **Koen Martens** and **Isa Schoen** (Brussels). Latest contributions concern the analysis of the Darwinulidae phylogeny using morphological characters and molecular data, and the distribution of this family in Australia and Oceanian islands.

He is supervisor of the research project for the degree thesis by **Valentina Pieri** on the ostracod distribution in lowland springs of Northern Italy.

Pietro Miculan

Is involved in Oligocene and Miocene ostracods of the Mediterranean area.

Current work includes:

Middle-Miocene deep-water ostracods from South-Eastern Sicily (Southern Italy).

Brackish and freshwater ostracods of the Italian Uppermost Miocene (so-called "Lago-Mare" facies).

Oligocene marine ostracods from Cyrenaica (Libya).

A paper on the second topic has been recently completed and submitted for publication.

Alessandro Bossio and **Barbara Dall'Antonia**

Present and future activities will be devoted to the study of Late Pliocene-Late Pleistocene ostracod assemblages from Core Venezia 1 (Northern Adriatic Sea) in cooperation with Professor **Giuliano Ciampo**, University of Napoli and to the study of ostracods from the Late Miocene-Pliocene of Morocco.

Barbara Dall'Antonia

Present and future activities will be devoted to:

- Investigations on the Miocene palaeoceanography of the central Mediterranean through the analysis of deep ostracod faunas from southern Italy.
- The study of the Langhian ostracod fauna from the Moria Section (Marche, Central Italy) within a collaboration with Prof. **S. Iaccarino**, University of Parma (Italy).
- The study of ostracod fauna from the Massignano Section (stratotype of the Eocene-Oligocene boundary) within a collaboration with Prof. **R. Coccioni**, University of Urbino (Italy).

Elsa Gliozzi

Is working on Late Miocene (Tortonian- Messinian athalassic or Lago-Mare ostracod assemblages from several localities in Italy, from a systematic and palaeoecologic point of view. She is beginning a systematic revision of the genus *Cyprideis* from the Mediterranean. Together with **Costanza Faranda**, she is working on Late Messinian Lago-Mare ostracod assemblages from extensional and compressional basins in northern and central Italy. She is continuing her research on Plio-Pleistocene nonmarine ostracods (she is studying the Middle Pleistocene Ostracoda from the Sulmona Basin, central Italy).

Undergraduate students and thesis topics:

Luca Tassone, "*Tortonian-Early messinian ostracods from the Baccinello basin (Tuscany, central Italy)*"; **Francesco Grossi**, "*Lago-Mare ostracod assemblages from Perticara section (Marche, central Italy)*".

Ilaria Mazzini

2000 saw the moving to Germany, to discover the delights of deep sea ostracodes coming from the Recent of the Tasman Sea (TASQWA cruise). The project focuses on taxonomy (in collaboration with **Thomas Jellinek** and **Kerry Swanson**) and on ecological analyses (in collaboration with **Alexander Altenbach**, Ludwig Maximilian University, Munich). Trying to find time for freshwater ostracodes has been difficult. The study of some specimens collected in Soqatra (Yemen) is ongoing and is yielding fascinating results that will be published shortly.

Giuliano Ciampo

This year the MURST national programme: "Impact of natural events on biological communities since 20ky. Climatic and volcanic events" (I was the chief scientist) has been concluded. Planktonic and benthic foraminifers, calcareous nannofossils, pteropods, mollusks, ostracodes, and pollen have been analysed from four cores from Salerno and Pozzuoli Bays. Other contributions came from geologists (geology and sedimentology), mineralogists, geochemistries, isotopes and volcanologists. Some articles have been submitted or will be soon submitted.

I am sending to *Geobios* the article: "*Reconstruction of Late Pleistocene-Holocene palaeobathymetries from ostracoda on Tyrrhenian continental shelf.*" in which I propose a new methodology to reconstruct sea level through glacial and interglacial events of the last 25ky.

Another article, in progress, is about the answer of planktonic and benthonic communities (also ostracods) to climatic and volcanic (especially 79AD event) events. Production, diversity, dominances, extinctions of ostracods have been studied. Other studies regard Late Messinian of the South Apennines. I am analysing ostracods (very rare really) of Lago-Mare facies.

Giuseppe Aiello

Is continuing research on Miocene ostracods of Southern Italy and, with **Janina Szczechura**, on the Badenian ostracods of Southern Poland.

Diana Barra

Is working, with **Giuseppe Aiello**, on the following projects:

- 1) Pliocene paralic ostracods of Southern Italy.
- 2) Study of the intraspecific variability of some ostracod species.

3) Distribution of ostracods taxa in the Mediterranean Sea.

Gioacchino Bonaduce

Continues research on Middle Miocene ostracods in outcrops of the Mediterranean area.

Francesco Sciuto

Studies the stratigraphy and paleoecology of Plio-Pleistocene Ostracoda and the ecology of marine benthic Ostracoda from the Recent Mediterranean area. He is preparing two papers, the first concerning the ostracod thanatocoenosis of the circalittoral environments in the area of Acitrezza (CT) and the second about the Pliocene ostracods of Capo Milazzo (Me).

ISRAEL

Correspondents: **Amnon Rosenfeld**, arosenfeld@mail.gsi.gov.il, **Avi Honigstein**, ahonigstein@mni.gov.il

- Amnon Rosenfeld and Avi Honigstein continue working on Mesozoic-Paleogene ostracode assemblages from Israel and adjacent areas.
- A revision of the Late Permian ostracodes is planned, using new material from wells, drilled in the last years.
- Amnon Rosenfeld returned from his sabbatical at the American Museum of Natural History, New York. Thanks are due to **John van Couvering** for his hospitality! Amnon worked there with **Rosalie Maddocks** on Recent-Holocene faunas from the Mediterranean off northern Israel and this project is continuing.
- The paper "*Eocene faunas from the Negev, southern Israel*" (Honigstein, Rosenfeld & Benjamini) was submitted in September 2001 to *Micropaleontology*.

JAPAN

Correspondent: **Robin Smith**

Keiichi Hayashi

I have been studying late Mesozoic nonmarine Ostracoda from Japan, Korea, China, and Mongolia, focusing on the correlation of nonmarine deposits and faunal changes in East Asia during the late Mesozoic.

Shin-ichi Hiruta

- I am studying the taxonomy and ecology of marine interstitial ostracods with my graduate student, **Morio Yamada**, and describing a *Microcythere*-species from Hokkaido, Japan.

- Descriptions of myodocopid ostracods from the Pacific coast of central Japan will be finished in March.
- I began a faunal survey of freshwater ostracods from Hokkaido with the help of Dr. **R. J. Smith**.

Noriyuki Ikeya

I have worked on the revision of the checklist of Japanese ostracodes.

Other work includes:

- Functional morphology of ostracode eyes (with **Gengo Tanaka** who has just completed his Ph.D. thesis).
- Mg/Ca ratio of ostracode carapaces and its implications for the environment (with **Hiromasa Kondo**; an ex-Master student).
- Speciation of the *Loxococoncha japonica* species group (with **Gengo Tanaka**).

Toshiaki Irizuki

Three graduate students are working on thesis samples:

- **Hironori Kitano**--Taxonomy and morphological variations of *Pontocythere* species from eastern Asia.
- **Mayumi Shoji**--Pliocene ostracodes from the lower part of the Kuwae Formation, the Japan Sea coast.
- **Kaori Tangiku**--Recent ostracode faunas from the coast of China.

I am working on:

- Temporal variations of ostracodes from eastern Asia with respect to glacio-eustatic sea-level changes during the Quaternary with Drs. **N. Ikeya**, **Zhao Q.-H.**, and **Zhou B.-U.**
- Miocene ostracode faunas from Japan.

Takahiro Kamiya

Dr. **Robin Smith** from the U. K. stayed in Kanazawa for two years (March 2000 to March 2002) as a post doctoral fellow. Robin and I started a couple of projects including:

- Taxonomy and distribution of fresh water ostracodes in Japan (with **Yoshinori Ikeda**, a Master course student).
- Description of the ontogeny of cytheroidean and bairdoidean ostracodes and its implication for phylogeny.
- Evolutionary trends found in some ostracodes.

I am working on :

- Speciation process of some cytheroidean ostracodes from around Japan, i.e., *Xestoleberis* (with **Tomomi Sato**; a Master course student) and *Neonesidea* (with **Mayumi Obata**, an ex-Master student).
- Phylogeny and evolution of the genus *Loxococoncha* (with **Toru Ishii**, a Ph.D. course student).
- Freshwater ostracode faunas in Cambodia (with **Kota Kurokawa**; an undergraduate student).

Our laboratory includes **Tatsuhiko Yamaguchi**, a Ph. D. student who is working on Paleogene ostracode faunas in Japan, and **Akie Motoki**, a Master course student who works on mitochondrial DNA of ostracodes.

Hirokazu Ozawa

I completed my doctoral thesis on "*Recent and Pleistocene ostracode fauna along the Japan Sea coast: a case study of extinction for the Omma-Manganji species*" in February 2002. I am working on the relationship between ostracode faunas and recent water mass properties in the Japan Sea, and the palaeoecology and extinction of the cryophilic Omma-Manganji species since the Plio-Pleistocene in central and northern Japan.

Ryoichi Tabuki

I am working mainly on new troglobitic ostracode genera from submarine caves of subtropical and tropical reefs.

Akira Tsukagoshi

I held the 14th International Symposium on Ostracoda with Prof. **Noriyuki Ikeya** in Shizuoka University last August.

Recent themes of my research include:

- Plesiomorphies and phylogeny of primitive Ostracoda.
- Comparative morphology of the urosome on higher taxa of Ostracoda (with **Yuriko Nakao**, Doctoral course graduate student).
- Carapace development and special characteristics in the subfamily *Semicytherinae* (Ostracoda) (with **Shinnosuke Yamada**, Master course graduate student).
- Taxonomy, ecology, and space-time distribution of interstitial Ostracoda (with **Satoshi Watanabe** and **Miki Akae**, Undergraduate students).
- Primary research on the spinning system of Ostracoda (with **Keiko Watanabe**, Undergraduate student).

Michiko Yajima

Researching history of ostracodology in Japan, educating history of natural history, and editing the newsletters of history of geology in Japan.

Katsura Yamada

Paleoceanography of the Pliocene on the basis of ostracodes.

Shigetaka Yamaguchi

- I am studying the molecular phylogeny, molecular phylogeography and morphology of ostracods.
- I obtained my Ph.D. degree from the University of Tokyo in March 2001.

Moriaki Yasuhara

- I am studying the relationship between ostracodes and anthropogenic pollution in the Seto Inland Sea, Japan, with Dr **Toshiaki Irizuki** of Aichi University of Education, Japan.
- I have been studying temporal changes of Holocene ostracode assemblages and sea-level change in the Seto Inland Sea, Japan, with Dr **Toshiaki Irizuki** of Aichi University of Education, Japan.
- Ostracodes in tsunami deposits are interesting for me, and I am studying them now.
- I have interest in ostracodes as indicators of natural and anthropogenic environmental changes during the Holocene and Recent.

LUXEMBURG

Correspondent: Karel Wouters Karel.Wouters@naturalsciences.be

Claude Meisch

- Claude is continuing research on the systematics and geographical distribution of Recent freshwater Ostracoda of Europe and the Mid Atlantic Isles.
- In 2000, he has published a comprehensive guide including descriptions, illustrations, and keys to the freshwater ostracods (157 species) occurring in western and central Europe.

MEXICO

Ana Luisa Carreño

- Recent marine ostracodes from the equatorial offshore Brazil.
- Cretaceous ostracodes from the Araripe Basin, Brazil (with **Joao Carlos Coimbra** Universidad Federal do Rio Grande do Sul).

- Continuation of my long-term research on Baja California Tertiary calcareous microfauna and microflora (ostracods, foraminifera and calcareous nannoplankton).

MOROCCO

Driss Nachite, Ratiba Bekkali

Are working on:

- Neogene lacustrine Ostracoda of Granada Basin (south of Spain) and Saïss Basin (north of Morocco), and limno-brackish Ostracoda from the N.O. of Morocco.
- Neogene marine ostracoda from N. O. of Morocco.
- Holocene Ostracoda of the Alboran Sea with **A. El Hmaïdi** from Moulay Ismail University (Meknes, Morocco).

Communication in 16ème CBSM – Morocco, 28-30 September 2001

Abdelhamid Rossi

I am working on the Lower Cretaceous Ostracode of Morocco. I am preparing a "Thèse d'Etat" on this subject.

NEW ZEALAND

Stephen Eagar

Continue to work on southwest Pacific Recent faunas, especially from Tuvalu.

John Neil

- Continues to work on southern Australian Tertiary and Recent faunas - taxonomy and palaeoecology.
- Working on ultrastructure (especially micro reticulation) of Tertiary and Palaeozoic species of Ostracoda and Bradoriida.

Kerry Swanson

- Continues to write up the results of the 1998 TASQWA cruise to the Southern Ocean. This is a joint project with **Thomas Jellinek** (Senckenberg Museum), and we hope the text will be ready for delivery to the printer later in 2002.
- Kerry is continuing work on the shell chemistry of ostracods from TASQWA cores from the Tasman Sea (jointly with **Anja Mueller** (GEOMAR, Kiel), **Patrick DeDeckker** (ANU), **Jane Guise** (University of Canterbury) and **Thomas**

Jellinek. The first palaeothermometric profiles had anomalously warm temperatures for LGM and we are currently investigating why this might be so.

POLAND

Correspondent: Janina Szczechura

Jarmila KrzYMinska

Jarmila is interested in the Quaternary ostracods of the southern Baltic , including its coastal and open areas. Her recently published papers concern the Quaternary nonmarine ostracods from the Pomeranian Bay and other parts of northern Poland.

Jan Malec

Remains interested in the Silurian and Devonian ostracods from the Holy Cross Mountains. His recent published work applies to the stratigraphic significance of the Upper Silurian (Ludlovian) ostracodes from the Kielce area of the Holy Cross Mountains.

Tadeusz Namiotko

- Works on ecology and taxonomy of Recent and subfossil (Quaternary) nonmarine ostracods.
- His main current activity concerns morphology and systematics of the genus *Cryptocandona*. This is an international project involving: **A. Baltanas** (Spain), **D. L. Danielopol** (Austria), **Z. Gido** (Hungary), **P. Marmonier** (France) and **C. Meisch** (Luxemburg). He spent two months in 2001 in Mondsee, Austria working with **D.L. Danielopol** on this project.

Maria Nehring-Lefeld

- Continues her routine work for the Geological Survey.
- She is working on the Middle and Upper Silurian ostracods from boreholes from southern Baltic (Polish part).
- She is one of the authors preparing elaboration of ostracods characteristic and typical of the Carboniferous strata from Poland. An atlas should appear this year.

Ewa Olempska

Continues her research on ostracods:

- In relation with Devonian events; paper in press: *The Late Devonian Upper Kellwasser Event and entomozaean ostracods in the Holy Cross Mountains, Poland* (*Acta Palaeont. Pol.* 47:2).

- Devonian and Carboniferous entomostracods; paper in press: Ontogeny and sexual dimorphism in the Middle/Late Devonian rhombentomostracod ostracod *Frankellina* (J. Micropal. 21).
- Triassic freshwater ostracods from SW Poland.

Jolanta Paruch-Kulczycka

Only occasionally works with Miocene ostracods from the Carpathian Foredeep.

Sylwester Skompski

Has been involved for a long time with freshwater Quaternary malacofauna and ostracods from Poland and the results of his work are presented in his numerous publications (also forthcoming) mentioned in Bibliography.

Jolanta Smolen

She works with Jurassic and Lower Cretaceous ostracods from Poland. Now she is collecting nonmarine ostracods (mostly *Cypridea*) from boreholes from central Poland. She expects to make systematic revision of this group of ostracods formerly described by **Janina Szejn**.

Janina Szczuchura

- Is mainly concerned with the Middle Miocene ostracods from the Carpathian Foredeep.
- Results of her collaboration with Dr. **Giuseppe Aiello** are presented in some published papers and just prepared for press. A large monograph concerning this group of ostracods is almost completed.
- Her studies on the Eocene ostracods from Antarctica (published 2001) resulted in the prepared (together with Prof. **Robin Whatley** and Dr. **Sara Ballent**) revision of the progonocytherids evolution (abstract presented during the 14th Intern. Symp. on Ostracoda in Japan).

Katarzyna Blachowiak-Samolyk

Has been involved for ten years with the pelagic ostracods from western Antarctica. She is studying the distribution of these ostracods as well as structures of their populations.

She intends to work with Arctic ostracods (benthic and pelagic).

One month stay at the University in Aarhus (Denmark) allowed her to prepare an elaboration concerning zooplankton from the Barents Sea.

Barbara Wisniewska

She works with freshwater and marine ostracods from the Arctic. Among the former she is interested in the distribution, life cycles, and genetic features of *Candona rectangulata*

and *Tonnacypris glacialis* (e.g., common in Spitsbergen). She collected marine (and intends to study) ostracods from the Hornsund fiord. Some papers are prepared to be published.

SPAIN

Correspondent: **Julio Rodriguez-Lazaro**

Angel Baltanas

- Throughout these two years (2000-2001) our working group, which includes **Paloma Alcorlo** (post-doc), **Jorge R. Sánchez-González** (graduate student) and me, remained working on morphometric analysis of nonmarine ostracod species. The topic is addressed at several levels (clonal, between-population, interspecific) and looks for correlation patterns between morphology and environmental factors and for phylogenetic constraints on ostracod carapace shape as well. Some results have been published (see publications list). This activity has been developed in close cooperation with **Dan Danielopol** (Mondsee, Austria), a fruitful joint effort that will continue in the near future.
- Besides this, a study on food-web structure (ostracods included) in temporary shallow lakes using stable-isotope analysis is carried out. The aim of the project is to elucidate the trophic position of ostracods in functionally distinct shallow lakes.

Jorge Civis-Llovera

Is currently supervising the work of **Carlos González-Lucas** (graduate student, Univ. Salamanca, Spain) on Neogene ostracods from the Atlantic Magreb (Maroc). Studied basins are Bou-Regreg (Messinian-Lower Pliocene) and Asilah (Pliocene), and the ostracod assemblages show a strong regressive hiatus between the Upper Messinian and the Lower Pliocene.

Luis Luque-Ripoll

Is finishing his PhD Thesis on Pleistocene continental and littoral ostracods from the Betic Ranges (southern Spain), under the supervision of **Jorge Civis-Llovera**.

He is working on two research topics:

- The study of palaeoenvironmental changes in southern Iberian coasts (Spain) during the Holocene based on the application of ostracod palaeoecologic data.
- The evolution of lacustrine environments in East Africa during the Quaternary, in the context of two archaeological projects, one in North Tanzania and the other in West Ethiopia.

Montse Gabas I Gasa

Is preparing her PhD Thesis on Quaternary lacustrine sediments from the Baza Basin (southern Spain). Under supervision of Dr. **Pere Anadon** (CSIC, Barcelona), she is working with geochemistry of continental ostracods from the Baza Basin.

Jordi Gonzalez Porta

Is working in two projects related to palaeolimnology of ostracods:

- Ostracods from the Albufera des Grau (Menorca, Balearic Islands), with the study of a 10 m core of Holocene sediments.
- With several cores from the Recent, within a European project about eutrophication in European lakes.

Mary Luz Gonzalez-Regalado and **Francisco Ruiz-Muñoz**

Are involved in the following topics:

- Ostracod distribution of the estuarine Holocene from the SW Spain.
- Recent ostracods of the outer-shelf and talus from the Gulf of Cadiz, SW Spain.
- Ostracods as palaeoenvironmental indicators: pollution, storms, earthquakes.
- Freshwater ostracods of Doñana National Park (SW Spain).

Rodolfo Gozalo

- Is involved in the taxonomy and biostratigraphy of the Upper Devonian marine ostracods from Spain, in collaboration with **Luis Sanchez de Posada** and **Miguel Pardo Alonso**.
- He is working with the taxonomy and biostratigraphy of Cambrian trilobites and ostracods, in collaboration with **Eladio Liñán** and **Ingelore Hinz-Schalreuter**.

Francesc Mezquita

After a postdoctoral stay at the Univ. of Hull (UK), since November 2000 he is working at the Ecology Unit of the University of Valencia (Spain), continuing research on nonmarine ostracod ecology, and teaching Ecology and related subjects.

Work in progress include:

- Ecology and biogeography of interstitial Ostracoda in Valencian rivers (with **Huw I. Griffiths**, University of Hull).
- Ostracods and water quality in River Mijares (with **J. Rueda** and **R. Hernandez**).
- Ecology of microcrustaceans in coastal wetlands of Eastern Iberia (with **M. R. Miracle**, University of Valencia).
- Ostracod ecology in Lake Acygol (Turkey) (with **S. Altınışli**, Univ. Istanbul).
- Biogeography of nonmarine Ostracoda in the Balearic Islands (with **J. Pretus**, University of Barcelona and **J. R. Roca**).
- The study of ostracod life histories in seasonal environments (with **Huw Griffiths**).

He is co-advisor of a PhD study on the ecology of *Cyprideis torosa* in the Eastern Iberian Peninsula, undertaken by **Evarist Carbonell**. Recent *C. torosa* populations are the subject of a geochemical study in collaboration with **E. Ito** and co-workers (Univ. Minnesota).

Josep Roca-Rosell

Is working on:

- Ostracod patterns of Mediterranean karstic lakes from Castilla-La Mancha, Spain.
- Biogeography of nonmarine Ostracoda in the Balearic Islands (with **Francesc Mezquita**, University of Valencia and **J. Pretus**, University of Barcelona).

Julio Rodriguez-Lazaro

Is teaching Paleontology at the Univ. of the Basque Country (UPV), where different applications of the Ostracoda are shown to students of Geology.

He is working with the following topics:

- Neogene and recent lacustrine ostracods from the Ebro Basin (Spain), with **Maite Martin, Pere Anadon** (CSIC Barcelona), and other colleagues. Isotopic and trace elements analysis of the ostracods, charophytes and gastropods are used in (palaeo)hydrological and other palaeoecological interpretations.
- Miocene Paratethyan leptocytherids from Italy and Spain: a comparative study, with **Elsa Gliozzi** (Univ. Roma) and **Driss Nachite** (Univ. Tetuan).
- Quaternary ostracods from the Gernika Estuary (Bay of Biscay), with **Ana Pascual** (UPV).
- Holocene evolution and anthropogenic pollution.
- Turonian ostracods from the Basco-Cantabrian and Anglo-Paris basins: comparative study (with **Ian Slipper, David Horne, Andrew Gale**, Greenwich Univ.).
- Quaternary thermocline of the Bahamas (NW Atlantic).
- The genus *Krithe* and its potential in palaeoceanography (with **Tom Cronin**, USGS, Reston, and **Gary Dwyer**, N.C. USA).

He is advisor of **Fernando Barroso** (graduate student), who is been working on the palaeoceanography of the Upper Cretaceous of the Basque Basin based on ostracods, foraminifers, and isotopic signals.

Maite Martin-Rubio

Is preparing a PhD Thesis on Neogene to Recent lacustrine ostracods from the Ebro Basin (N Spain), under the supervision of **Julio Rodriguez-Lazaro**. Based on a recent lacustrine model, this work try to evaluate the potential of the ostracod assemblages and isotopic analysis of selected species to detailed palaeolimnologic reconstructions.

Luis Sanchez de Posada

Is involved in the taxonomy and biostratigraphy of the Upper Devonian marine ostracods from Spain, in collaboration with **Rodolfo Gozalo**.

He is working on:

- Carboniferous ostracods from Spain.
- A global project on Paleozoic basins.
- Taxonomic studies on Kirbyocopina and Hollinomorpha from the Carboniferous of Leon (northwest Spain).
- Cambrian ostracods from the Ossa Morena.

SWEDEN

Stefan Majoran

Stefan returned from his postdoc with **Richard Dingle** in Copenhagen to Göteborg, Sweden on July 1, 2001, and is now looking for a new position.

SWITZERLAND

Correspondent: **J.P. Colin** jean-paul.colin@worldonline.fr

Pierre-Olivier Mojon

Middle Jurassic to Lower Cretaceous ostracodes and charophytes from southeast France, Switzerland, northeast Spain, with a special emphasis on the Purbeck-Wealden facies. He submitted his PhD Thesis in Grenoble on October 10, 2001. It will be published next year in the journal *Géologie Alpine* (Grenoble University).

Laurent Picot

Currently working for his PhD on marine and continental ostracodes from the Oligocene of South Rhine Graben and Jura synclines of Switzerland, under the supervision of Dr. **H. Janz** (Tübingen). His thesis will be published in 2002 in *Geofocus* (Fribourg Institute journal).

Jacques Sauvagnat

Barremian ostracodes from Savoie, Vercors and Ardèche (Southeastern France).

TURKEY

Correspondent: **Okan Klkylođlu**

Mustafa Klyc

Mustafa is currently working with Okan Klkylođlu on a project and dealing with teaching at the University of Ýstanbul. He wishes to receive papers related to marine ostracods.

Okan Klkylođlu

- During 2000-2001 season, I was able to join and present papers in four symposiums or conferences including two international (ISO-2001 in Japan) and two national one.
- I prepared four project papers.
- I taught seven classes.
- As a guest speaker, I gave six seminars in five colleges.

Atike Nazik

Guldemin Ogrunc is my PhD student. She finished her PhD thesis titled “*Stratigraphical and paleoecological features of deposit of Messinian salinity Crisis. An example: Adana Basin (Turkey)*”.

UNITED KINGDOM

Ian Boomer

Spent much of the year working on Caspian and Black Sea material particularly relating to late Quaternary to Recent period. Reconstructing regional palaeoclimatic history from faunal and geochemical records. Initial results from Caspian Sea presented at PAGES (Aix-en-Provence) and modern core-tops at ISO2001.

Other projects include:

- Ostracods and organic pollutants in urban rivers of Tyneside, NE England.
- Ostracods and habitat variability in coastal inter-dune wetlands from Lancashire, NW England.

Hosted visits of **Julio Rodriguez-Lazaro** and **Peter Frenzel** during Spring-Summer 2001.

Nigel R. Ainsworth

My main current activity concerns my constancy work on the Mesozoic litho- and biostratigraphy of the basins of Northwest Europe, especially the North Sea, Atlantic Margins of Britain, Ireland, and Canada.

Current research activities include:

- Statistical analyses using Ostracoda, in conjunction with wireline logs, with co-worker **David Melnyk**.
- Ostracod and foraminiferid colour change by thermal alteration in both the offshore and onshore sections.
- Lower Jurassic Ostracoda from the western margins of Scotland, coworker **Ian Boomer**.
- Stratigraphy of the Britannia Field Reservoir (Late Barremian–Late Aptian), UK North Sea, coworkers **Les Riley, Liam Gallagher, Hayden Bailey**

A.R. Lord

No ostracod-related activities worth mentioning!

Graham Coles

- I currently use ostracods in stratigraphical work in North Africa, particularly Libya, offshore Brazil, the Porcupine Basin offshore Ireland and the UK North Sea.
- I am working with Dr. **Michael Ayress** and Dr. **Patrick DeDeckker** on the Recent shelf and deep-sea ostracod faunas offshore Kerguelen in the Southern Ocean.

Mick Frogley

- I took up a lectureship in Physical Geography at the University of Sussex (based in Brighton) in October 2000.
- In between providing palaeoecological and palaeoclimatic lectures with as high a microfossil content as possible, I continue to work on the Balkan ostracod and mollusk fauna from the Ioannina Lake site. Part of this involved presenting a joint paper at an ESF-funded biodiversity workshop in Slovenia with **Huw Griffiths** (University of Hull).
- I have recently embarked on a collaborative project with **Alex Chepstow-Lusty** (Université de Montpellier II), **Melanie Leng** (NERC Isotope Geosciences Laboratory) and **Brian Bauer** (University of Illinois, Chicago) examining the Late Holocene palaeoclimatic history of Central Peru from a lake basin located close to the city of Cuzco.

Huw I. Griffiths

- The last two years has been a busy period (again). Research interests have focused on the Middle Pleistocene of the British Isles, and continuing use of freshwater Ostracoda in studies of Holocene and subrecent environmental change, with a growing interest in the Balkans and the Near East.
- I have been involved in active collaboration on modern Turkish faunas with **Selçuk Altınsaçlı** (University of Istanbul) and this has been particularly rewarding and productive.
- This work runs in parallel with Holocene/Late-glacial studies with **Jane Reed** (University of Hull), **Neil Roberts** (University of Plymouth) and **Melanie Leng** (NERC).
- I was co-organiser of the ESF workshop “*Pattern and Process in Balkan biodiversity*” and an invited speaker at a number of conferences/meetings.
- A very enjoyable period in Hull featured a one year post-doctoral visit by **Francesc (“Paco”) Mezquita** (University of Valencia) and this was reciprocated a short visiting fellowship to Valencia in September 2001.
- **Jonathan Holmes** and I are both delighted that the Quaternary Research Association’s volume is now completed and available (see below).

Work nearing completion or submitted for publication includes:

- Work on Lake Constance (Bodensee) with **Antje Schwalb** (University of Heidelberg).
- On the British Lower Middle Pleistocene site of Beeches Pit (**Richard Preece**, University of Cambridge).
- Studies of three extensive Turkish lake sequences.
- A review of the freshwater Ostracoda of the Balkans.
- A review paper on the modern ostracods of Turkey (with **S. Altınsaçlı**).
- A paper on Holocene mollusc and ostracod faunas from Holocene tufas at Bossington, Hampshire (with **Paul Davies**).
- An analysis of ostracods from western European tufa deposits (with former student **Rachel Fazakerley**).

Biogeographic and conservation based work on mammals (large carnivores and rodents) continues, just to make life complicated.

Postgraduates: **Sandra Ryan**: *An ecohydrological investigation of the Turkish Ramsar site, Lake Uluabat.*

Jonathan A. Holmes

- I moved to University College London in September 2000 after nearly thirteen years at Kingston University. Ongoing projects include work in China (collaborating with Lanzhou University and NERC isotope Geosciences laboratory, Keyworth, UK), continental Europe (collaborating with National University of Ireland, Galway, and other European partners) and the UK (main collaborators from University of Liverpool).

- I supervise **Andrew Henderson** (PhD student) working in China and co-supervise students from Swansea and Liverpool working on projects involving ostracods from Greece and Ireland respectively.
- I am editing, with **Allan Chivas**, a book on ostracods and Quaternary environmental change, to be published by AGU in 2002.
- I attended a conference on abrupt Holocene environmental change in arid Asia at Lanzhou University in September 2001; several papers included work on ostracods. The proceedings of this conference will be published in a special issue of *Chinese Science Bulletin*, which I am editing.

David J. Horne

The Ostracod Research group (University of Greenwich), currently comprising Dr **Dave Horne** and Dr **Ian Slipper**, will have its ranks swelled in March 2002 when Dr **Robin Smith** joins for two years, collaborating with Horne, Slipper and Kamiya on the phylogeny of marine and nonmarine ostracod lineages. This forms the second part of a Royal Society funded four-year post-doctoral appointment, his first two years have been spent at Kanazawa University in Japan working with Taka Kamiya.

Visit the web site of the Ostracod Research Group at the University of Greenwich to find out more about what we are doing:

<http://www.gre.ac.uk/directory/earthsci/ostracod/Index.htm>

Mike Jeffries

I come from the academic tradition of freshwater ecologists who pretended ostracods did not exist because they were too tricky. My research focuses on the assembly of pond communities, using both experiment and survey. Ostracods are a numerically important component of the ponds I study in Northumberland (northeast Britain), both species richness and individual abundance, so I have started to pay attention to them; (1) modelling the incidence of species across years in small ponds at Hauxley Nature Reserve as species respond to dry-phase, flooding and successional colonisation; (2) as numerically important members of the overall assemblage when investigating community level patterns such as food-webs.

Giles Miller

I now have a permanent position as curator of microfossils in the Department of Palaeontology at the Natural History Museum and part of my job assumes responsibility for the ostracod collections. On the research side, I have published a couple of papers on Ordovician ostracods with **Mark Williams** (British Geological Survey) and am nearing completion of a manuscript on Silurian ostracods from the Canadian Arctic.

Robin J Smith

I have recently returned from 2 years in Japan working with Takahiro Kamiya of Kanazawa University. This was part of a JSPS (Japan Society for the Promotion of Science) and Royal Society four year postdoctoral fellowship based in Kanazawa and Greenwich Universities. I am now embarking on the second part of my fellowship, working with **David Horne**. We are using ontogenetic changes in both carapace and appendages to help understand the relationship between different groups of ostracods. I have also been working on Japanese freshwater ostracods, including a *Scottia* species with **Renate Matzke-Karasz** and a species of *Metacypris* with **Shin-ichi Hiruta**.

Matt Wakefield

Working in BG's Exploration Skill Centre providing R&D and technical service stratigraphical expertise (quantitative biostratigraphical analysis including graphic correlation, ranking and scaling, biosequence stratigraphy, chemostratigraphy, stratigraphic modelling) for its exploration and production activities worldwide. Very little ostracod activity of late though I have just started looking at small scale flooding surfaces (detailed sedimentology and ostracod assemblage variations) in the Kildonan Member, Great Estuarine Group (Bathonian of Scotland) with Dr **Joe Macquacker** (Manchester University).

Ian P. Wilkinson

Most of my work during the recent past has concentrated on forams. During the last couple of years my main contribution to ostracodology has been a study of the Holocene to recent faunas of Lake Sevan, Armenia in collaboration with **S.Z. Gulakyan** (Seismogeochemical and Analytical Centre of the National Survey for Seismic Protection of the Republic of Armenia, Acharyan 54a, Yerevan, 375040, Armenia). This Alpine lake, which is the largest fresh water body in the Caucasus, is being over-exploited, but the ostracods are so far little troubled by the changes in chemistry, temperature regime and so on. I would like to hope that the project will be continued in Armenia, and that the ostracods used to monitor future changes. Several papers are in press or in preparation and a poster was presented at the Shizuoka conference.

I have spent a little time cataloguing the Purbeck and Wealden ostracods described and figured (mainly) by F.W. Anderson that are held in the collections of the British Geological Survey. The catalogue is published on the British Geological Survey Web Site as a free download, but a paper copy can be purchased. Its bibliographic details are: A catalogue of type and figured specimens deposited in the Geological Collections of the British Geological Survey: 1. 'Purbeck' and 'Wealden' Ostracoda. *British Geological Survey Research Report*, RR/01/03, 64pp.

I am currently working on a fauna of myodocopids recovered with shark remains in a Carboniferous nodule. There are no soft parts, unfortunately, but there is evidence of the circulatory system described by **Jean Vannier** and others over the last few years. A paper on the taphonomic is in preparation and I hope to start another paper on the ostracods themselves during 2002.

Mark Williams

I continue to work closely with **David Siveter, Jean Vannier, Giles Miller,** and others on Lower Palaeozoic ostracods and other bivalved arthropods.

UNITED STATES

Elisabeth Brouwers

Current research:

I am in a science management position at the USGS but have shifted from the Geologic Division to the Biological Resources Division. I am learning a great deal about current biological research in a variety of topics, including genetics, invasive species, ecosystem dynamics, vegetation mapping, aquatic communities--all in all, a great learning experience. Because the management duties occupy my entire day, I am working on residual ostracode research in the evenings and in spare moments through the day.

I am working on three projects: (1) taxonomy and biostratigraphy of marine and marginal marine Paleogene ostracode assemblages from Pakistan; (2) taxonomy and distribution of modern ostracodes from Rio Que Quen, Argentina; (3) taxonomy, biostratigraphy, and paleoecology of Paleogene and Neogene ostracode assemblages from Abu Dhabi, UAE.

I am preparing a CD-ROM publication that will allow me to fully illustrate species as well as the collecting sites.

Lisa Haney

Most of my time is involved in monitoring a section of the coastline found along the Palos Verdes Peninsula in Los Angeles County. I actively identify, monitor, and evaluate the taxonomy of echinoderms and crustaceans found within this locality.

Emi Ito

Spring to summer of 2001, spent at Shizuoka University working with **Nori Ikeya** attempting to culture *Cytheromorpha acupunctata*. Turns out to be very difficult.

Wrapping up the ostracode shell chemistry calibration project (with **Alison Smith, Don Palmer, and Rick Forester**), but just added a collaborative mini project with **Francesc Mezquita**.

First of the papers is being prepared destined (I hope) for *Geochimica et Cosmochimica Acta*.

Roger L. Kaesler

One of my students completed the magisterial degree in 2000: **Jess D. Cundiff**, The Beil Fauna in Upper Carboniferous and Lower Permian Rocks of the Midcontinent. Jess did not deal with the ostracode fauna, but she laid groundwork for a comprehensive evaluation of ostracodes from these rocks.

Two of my students completed the magisterial degree in 2001. **W. Scott Heath**, Taphofacies Analysis of Upper Carboniferous Microfossils (Hughes Creek Shale, East-Central Kansas), Scott dealt with taphonomy of the foraminifers, ostracodes, and other microscopic fauna and was able to initiate taphofacies analysis similar to that done by Brett and Baird with macrofossils.

Kristi Watabe, Ontogeny and Heterochrony of *Paraparchites* (Ostracoda) from the Lower Permian Speiser Shale in Kansas. Kristi discovered a new species of *Paraparchites*, which is present by the millions in her samples, and which has a heterochronic relationship with *P. humerosus*.

I continue my work as editor of the Treatise on Invertebrate Paleontology and Director of the Paleontological Institute.

I have been working on databases in paleontology and getting some ostracode work done, too, mostly through the efforts of my students.

Larry W. Knox

I am currently working on 1) the biostratigraphy and paleoecology of Midcontinent Pennsylvanian ostracodes, and 2) ornamentation of Pennsylvanian hollinellid ostracodes.

Mervin Kontrovitz

I resigned as Dean of the College of Pure and Applied Sciences at ULM in August 2001 and returned to Geosciences as Department Head.

I am completing two papers on the ostracodes of the moats at the Tower of London and Beaumaris Castle, Anglesey, Wales.

Robert F. Lundin

I continue to work on the Silurian nonpalaeocopes of Gotland and on a Lower Carboniferous fauna from Iowa.

I am working with Wang Shang-qi on some Devonian Sinoleperditiines from China.

I am at the Institut fuer Palaeontologie und historische Geologie, Ludwig Maximilians Universitaet in Munich, Germany. I will return to Arizona in August 2002.

Dawn Peterson

I've been particularly busy this year, researching Middle and Upper Miocene marine ostracode faunas from the Navidad and Ranquil Formations of central and south-central Chile; upper Cretaceous marine ostracodes from Torallola, Spain; and Recent podocopid ostracode faunas in conjunction with the San Francisco Bay Benthic Fauna Survey, being conducted by the California Academy of Sciences.

Mark Puckett

With regard to ostracodes, I am nearing completion of a study of the brachycytherine ostracodes. This study includes information about their chronostratigraphy, paleogeography and systematics. The paper should be published in late 2003.

I am preparing to go to Cuba to collect Late Cretaceous samples for their ostracodes and planktonic foraminifera. This is (hopefully) the first excursion into the Caribbean for me.

I am interested in looking at the faunal links between North and South America and, in general, the relationship between evolving paleogeographies and biological evolution, using the ostracodes of the Caribbean as a natural laboratory.

Rob Ross

- Through lending support to a mastodon excavation in the Hudson Valley in Hyde Park, NY State (covered in a Discovery Channel TV special, "Ultimate Guide: Mastodon in your Backyard").
- I have been peripherally involved with reconstructing Pleistocene-Holocene (15000-5000 ybp) paleoecology of a kettle pond.
- Ostracode assemblage studies using Hyde Park material are being done in **Alison Smith's** lab.
- Isotopes may be done by **Carlos Zarikian**.
- My direct involvement with ostracode research is currently mostly through the efforts of volunteer interns and summer (Cornell University NASA-Sharp) research students.

- Other, non-ostracode, research concerns rates and magnitudes of ecological change in high-resolution taxonomic sampling of Middle Devonian shales from Central NY. This is part of an initiative at PRI to involve the lay public and whole school classes in paleontological research.

Frederick M. Swain

Several unpublished documents posted on Internet in 2000 and 2001 at following website: <http://www.geo.umn.edu/people/profs/SWAIN.html>.

Subjects are :

- Oligocene Ostracoda from North Carolina.
- Pliocene? Ostracoda from Pebas Formation, Peru.
- Mesozoic Ostracoda from C.O.S.T Atlantic wells.
- Upper Cretaceous Ostracoda from wells in South Carolina.
- List of Publications, F. M. Swain.
- Currently studying Nonmarine Ostracoda from Cretaceous/Tertiary North Horn Formation, Utah, with **Rose Difley**, University of Utah.

Carlos A. Alvarez Zarikian.

Carlos continues his PhD work at the University of Miami's Rosenstiel School in Miami, Florida. He should defend his dissertation on ostracods, stable isotopes, paleoecology of Oyster and west-central Florida Bays, and a Holocene climate reconstruction from Little Salt Spring, Florida in June 2002.

He is the main author of a paper on stable isotope geochemistry of ostracods from Oyster Bay, FL published in *Bull. Amer. Paleontol.*, 2001, No. 361 [Bruce R. Wardlaw (Ed.)].

He He co-authored two other papers: (1) showing the use of benthic forams and ostracods as proxies for natural and anthropogenic impact in the Florida Everglades; and (2) a paper in geoarchaeology, using ostracods and forams in coastal paleoecological studies, and recognition of tsunami deposits in the Gulf of Corinth, Greece (Helike project) [*J. Coastal Res.*, 2001, 17(1)]. This last paper is in collaboration with **Steven Soter** (AMNH) and **Dora Katsonopoulou** (Helike Society) on their geoarchaeological project in the search for the ancient Greek city of Helike.

Carlos has two papers near completion: (1) a climatic and hydrological reconstruction of Little Salt Spring, southwest Florida during the last 12,000 years based on ostracod ecology and stable isotopes [oral presentations at *14th Intl. Symp. on Ostracoda* (ISO2001) in Japan, and at the *GSA 2001* meeting in Boston], (2) The distribution of ostracod assemblages in the Louisiana continental shelf impacted by seasonal dysaerobia.

ANNOUNCEMENTS

Jean-Paul Colin

You are all welcome to visit the Réserve Naturelle Géologique de Saucats-La Brède, located about 20 km south of Bordeaux where you will be able to see the stratotypic sections of the Miocene stages Aquitanian and Burdigalian and visit the Museum which displays a rich collection of fossils from these famous localities.

For group guided visit, please call or send e-mail.

Réserve Naturelle Géologique de Saucats-La Brède 17, Chemin de l'Eglise, 33650 Saucats, France, France, telephone 33 (0) 5 56 78 25 63, fax 33 (0) 5 56 97 70 29

saucats.brede@espaces-naturels.fr

http://www.reserves-naturelles.org/fiches_reserves/saucats.html

<http://perso.club-internet.fr/jflhomme/sites/saucats.html>

<http://www.ac-bordeaux.fr/Pedagogie/SVT/saucats.htm>

<http://www.bigata.com/reservenat1.htm>

Okan Külköylüođlu

My desire is to see the usage of ostracods in evolutionary and environmental studies such as bio-monitoring studies. I also would like to see a common systematic and taxonomic key for the ostracod species. To encourage young people to work on ostracods should also be important for the future of Ostracoda.

Abdelhamid Rossi

ROLF meeting (Réunion des Ostracodologistes de Langue Française) will be held in the University Cadi Ayyad, Faculty of Sciences Semlalia, Marrakech, During 9, 10 and 11 May 2002.

Mark Warne

Is relocating to a new physical work address. My email address, mwarne@deakin.edu.au, will remain the same and is the best method to contact me during the first half of 2002.

Dr Mark Warne, School of Ecology and Environment, Deakin University (Burwood Campus), 221 Burwood Highway, Burwood, 3125, Victoria, Australia

My new contact details from the 1-3-2002 will be:

Dr Mark Warne (Lecturer, Earth Sciences), School of Ecology and Environment, Deakin University (Burwood Campus), 221 Burwood Highway, Burwood, Victoria, 3125, Australia, Telephone: 61 03 92517622, Fax: 61 3 92517626, mwarne@deakin.edu.au

REQUESTS

Nigel R. Ainsworth

Requests. Can you please keep sending any reprints concerning Mesozoic microfaunas. Many thanks

Ian Boomer

Request for any specimens from the Black Sea or Caspian Sea which contain appendages, preferably deeper water taxa rather than marginal 'freshwater' environments but all welcome.

Jean-Paul Colin

The Réserve Géologique de Saucats-La Brède (Aquitanian-Burdigalian stratotypes) is setting up a Miocene library. If you have spare copies of publications dealing with Miocene stratigraphy and/or paleontology, please send them to me. Thank you.

Kresna Dewi

I would be happy receiving reprints of Quaternary marine Ostracoda from Indopacific and Indian Ocean. I found few uncertain specimens from my study areas.

Ashraf Elewa

I am planning to study the ostracods of the Nile River together with other colleagues from Turkey and Russia. If anyone is interested and has the ability to support this project with funds, we will be grateful.

Thierry Hoibian

Thank you for the help and publications of some "ostracodologists". I am still looking for papers on ostracods of Indo-Pacific Islands concerning mainly systematic and ecology. (Thank you to contact me by Email before: hoibian@univ-nc.nc).

Eugen K. Kempf

Would like to receive from all ostracodologists reprints of their papers soon after publication for inclusion in his Ostracoda Database. Cordial thanks to all those who did so in the past. Unpublished parts of the "Kempf Database Ostracoda" will be sent in exchange.

Henri Oertli

Being retired makes it more and more difficult to get access to journals – please send reprints or photocopies of your papers. Thank you in advance.

Roger Kaesler

If anyone has specimens of *Amphissites centronotus*, I would like very much to receive some for research.

ABSTRACTS

Gerhard Becker

Since presented by a Non-Attending Member, the following abstract was not included in the Abstract Volume of the 14th International Symposium on Ostracoda (ISO 2001). Because I consider it to be a contribution well-fitting into the actual ISO 2001 Session IIC (Comparative Anatomy and Origin), it is reprinted herein for discussion purposes.

Functional morphological and carapace/soft-body interactions in Palaeozoic ostracods: evidence for phylogenetic relationships within the Class Ostracoda.

Keywords:

morphology, carapace bauplans, soft anatomy, ecology, evolution, phylogeny, Ostracoda

Abstract

Recent discussions of ostracod systematics have focused on soft anatomy, both as seen in extant groups and as recorded by rare examples of special fossil preservation. The position of the fossil Palaeocopina and Leperditicopida, for which no considerable soft-part evidence has yet been found, remains in the view of post-Palaeozoic workers uncertain, with some doubt as to whether they should be retained within the Ostracoda. The evolution of carapace bauplans, (e.g., the development of brood pouches and lobal structures in palaeocopids as well as the development of adductor muscle scar patterns, calcified inner lamella and carapace incisures in podocopines) are discussed in relation to soft anatomy. Using this approach, it is possible to distinguish between plesiomorphic (ancestral, simple) and apomorphic (derived, advanced) characters and consider their significance in ostracod systematics. Palaeoecological implications are reviewed, and the consequences of major extinction events considered. Although no "protostracod" is known, the combination of soft-anatomy, carapace architecture and behaviour (feeding techniques, brood care) provide evidence of a general body plan which appeared (at least) during the Ordovician and continuously evolved towards the anatomy of modern ostracods. In parallel lineages, plesiomorphic forms have died out (leperditicopids and most palaeocopines as well as metacopines), while apomorphic lineages ("drepanellid archetype" of palaeocopines; resistant platycopines, podocopines and mydocopines) have survived all extinction events. The evidence supports the retention of the Palaeocopina (and probably the Leperditicopida) in the Ostracoda.

MEETINGS

15th International Symposium on Ostracoda, Berlin 2005

Dear ostraconers!

We invite you all to the 15th International Symposium on Ostracoda which will be organized in Berlin (Free University) in September 2005. Main organizers will be Michael und Ulla Schudack and Steffen Mischke.

There is a first - still primitive, but growing - webpage available under the following address: <http://userpage.fu-berlin.de/~palaeont/iso15/iso15-main.htm> We are open to all kinds of wishes, advices, suggestions etc. Please indicate your interest and your wish to be included to our mailing list by mailing to the conference secretary Steffen Mischke smischke@web.de.

We hope to see you in Berlin, Michael Schudack

German Ostracodologist Meeting 2002.

The Meeting will be held from the 14. - 16. June 2002 in the Geological Landesamt Rheinland-Pfalz in the nice town of Mainz at the Rhine river in Germany. Our host will be Dr. Peter Schaefer.

Arrival will be on Friday the 14.06. and the first meeting will be at 19.00 in a small pub near the Geologischen Landesamtes in Mainz-Hechtsheim.

On the 15.06. a collecting excursion to the Tertiary of the Mainzer Beckens is planned. Samples of brackish -marine or freshwater Ostracods from Oligocene to Miocene can be taken from different localities. On the 16.06. we will have the scientific discussion in the Geologischen Landesamt of Rheinland Pfalz. If you want to take part, please send the title of your contribution to **Dr. Peter Schaefer**, Geol. Landesamt Rheinland-Pfalz, Emmeransstr.36, D-55116 Mainz, Germany, e-mail: peter.schaefer@gla-rlp.de

Organizing committee of ISO2001

The organizing committee of ISO2001, would like to express our heartfelt gratitude to the participants of the symposium last summer in Shizuoka, Japan. Now we are editing the proceedings of the symposium.

NEW TAXA

Ingkabolbina Becker, 2001 [**I. blessi* (Becker and Sanchez de Posada, 1977)];
Palaeocopina, Hollinacea, Hollinidae

Hanaites (*Praehanaites*) Becker, 2000 [**H. (P.) praehanaites* Becker, 2000];
Palaeocopina, Hollinacea, Hollinidae

Moniellossites Becker, 2001 [**M. pseudocarinata* Becker, 2001]; Palaeocopina,
Kirkbyacea, Kirkbyidae

J.V. Neil

Rotundracythere phaseolus Neil 2000

OBITUARY

Alicia Emma Echevarría

Dra. Bertels passed away on November the 23rd, 2001.

David J. Siveter

Many of you will know **Joan Sylvester-Bradley**, widow of Professor Peter Sylvester-Bradley. It is with considerable sadness that I wish to inform you that Joan Sylvester-Bradley passed away last Friday, aged 86, after a short illness. We mourn the passing of a remarkable lady and a wonderful friend of our science.

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