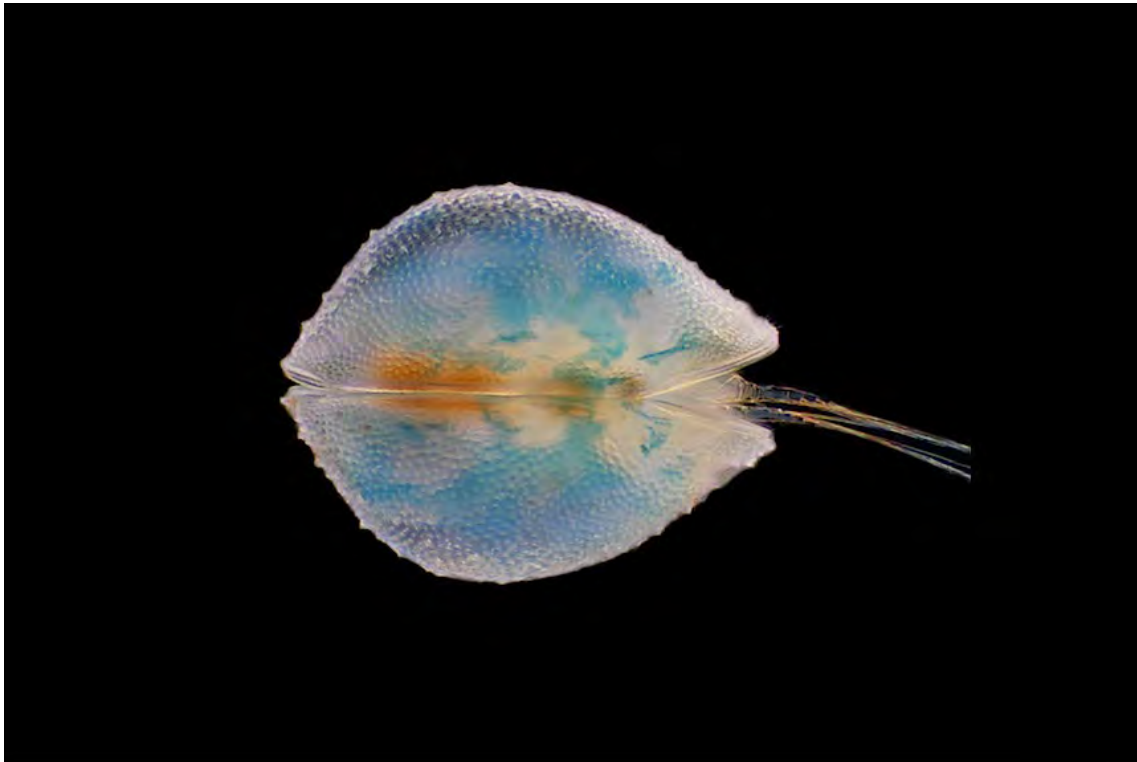


CYPRIS

1999

Number 17

Editors: Elisabeth Brouwers, Pam Borne



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

Activities of Ostracodologists (listed by country)

This webpage contains all information received during the 1999 appeal for ostracode activity reports.

ALGERIA

Correspondent: --- open ---
No report submitted in 1999.

ARGENTINA

Correspondent: Alwine Bertels <bertels@tango.gl.fcen.uba.ar>

Ballent, Sara C. The work was centered on the study of Lower Cretaceous marine Ostracoda of the Argentina Neuquén and Austral basins. Tending to reach optimum hydrocarbon prospection, the elaboration of a reliable correlation scheme, based on biostratigraphic data as well as paleobiogeographic results, is one of the main purposes. Together with **Robin Whatley** of Aberystwyth (Wales), who visited Argentina during the months of May and June of 1998, two manuscripts were prepared. In one of them, based on the variation of the percentages at the Suborder/ Superfamily levels, the changes in the structure of the marine ostracode microfaunas from west-central Argentina, during the Hettangian-Tithonian interval, are analyzed. In the second a review of the genus *Procytherura* Whatley, of wide Gondwanan distribution, during the Jurassic and lower Cretaceous is made as well as the probable usefulness of other taxa as biostratigraphic markers are evaluated.

Bertels, Alwine. Alwine is directing the doctoral theses of: (1) **Laura Ferrero**, Miocropaleontología y paleoecología (ostrácodos y foraminíferos) del Cuaternario del sudeste de la provincia de Buenos Aires and (2) **Dina E. Martínez**, Ostrácodos marinos y no marinos del Cuaternario del Sur de la provincia de Buenos Aires, consideraciones paleoambientales. In these, the research comprises the study of Foraminifera and marine and nonmarine Ostracoda, the last being compared with recent taxa collected in neighboring regions. Current work includes: (1) the continuation of micropaleontological studies of nonmarine ostracodes of the Nahuel Huapi Group, of middle Tertiary age, which crop out in the Rio Negro province; these analysis are working Holocene marine and nonmarine ostracodes of the Buenos Aires province; some are developed together with **Dina E. Martínez** and **Cecilia Laprida** and (3) the study of fossil ostracodes of southern Patagonia maars; in these analyses **Bettina Ercolano**, a geologist who lives in southern Patagonia, is working; I hope she will continue studying ostracodes.

Cusminsky, Gabriela C. Gabriela is studying ostracodes within the frame of the development of several projects: (1) Comahue lakes; (2) lacustrine Ostracoda of Patagonia, in collaboration with **Antje Schwalb** (Potsdam University, Germany); the name of this project is PATO and is directed by **V. Markgraf** and **D. Aristeguis**; (3) Lacustrine ostracodes of the northwestern region (Puna) of Argentina, being the project "Climatic change in arid Andes" and directed by **H. Weit**, and (4) Recent Ostracoda and chironomids in northern Patagonia; the study is focused in the birth-rate of Ostracoda derived from resistant eggs.

Echevarría, Alicia E., She studies Tertiary Ostracoda from Patagonia. Related to the topic, her current work is the systematic study of marine Ostracoda of the Oligocene Centinela Formation of Santa Cruz Province, Argentina.

Ferrero, Laura. Laura works on her doctoral thesis "Micropaleontología y paleoecología (ostrácodos y foraminíferos) del Cuaternario del sudeste de la provincia de Buenos Aires" and is conducting a research project about the evolution of the sedimentary environments during the last 20,000 years in the Quequén Grande River basin.

Laprida, Cecilia. Cecilia works on Quaternary marginal marine ostracodes and foraminifers of northeastern Buenos Aires province, Argentina. Main focus is on taxonomic aspects as well as on paleoecological interpretation of the successions. Current research activities include studies of Ostracoda from several outcrops of Holocene marginal marine environments belonging to the Destacamento Río Salado and Las Escobas Formations.

Martínez, Dina E. Dina works on her doctoral thesis and on nonmarine and marine ostracodes of the southern region of the Buenos Aires province. The paper in press was mentioned above (see Bertels).

AUSTRALIA

Correspondent: Stephen Eagar <Stephen.Eagar@vuw.ac.nz>

DeDeckker, Patrick. I have been active with trace element work on nonmarine ostracods. One paper has come out in the Palaeo-3 special issue resulting from the Chatham ostracod meeting. Another was published with **Guy Wansard** [Chemical Geology], and a third one with **Lyn Ingram** and **Allan Chivas** and other colleagues on material from San Francisco Bay [Geochimica Cosmochimica Acta]. I am preparing a new paper on trace elements on ostracods from the hypersaline Lake Frome from South Australia for presentation at the Spring meeting of AGU. Preparation for the AGU special session on ostracod and foraminifer shell chemistry in Boston is taking a bit of my time. Hopefully, a book to be edited by **Johnathan Holmes** will be the product of this meeting. **Allan Chivas** is completing the stable-isotope analysis of the large ostracod *Australocypris* [some 1500 individuals] which Patrick cultured in several types of waters some years ago. Results will be presented at the AGU meeting.

Jones, Peter. Peter completed accounts on Devonian and Carboniferous ostracods for a book to be published on the Paleobiogeography of Australasian Faunas and Floras. He is working with **Pamela Diaz Saravia** (Tucuman, Argentina) on Carboniferous (Namurian) ostracods from Patagonia, and with **Michel Coen**. (Louvain-la-Neuve, Belgium) on a comparison of ostracod species from the Early Carboniferous (Tournaisian) of Belgium and northwestern Australia. As the proposed revised edition of the Treatise on Invertebrate Paleontology, Paleozoic Ostracoda (TIPPO) will not be published, the Eridostraca manuscript that Peter submitted to the TIPPO project will be published elsewhere.

Neil, John. I am continuing to work on Tertiary southeast Australian faunas and related problems and undertake a faunal analysis of a Recent Bass Strait assemblage from Erith Island, in particular the relationships between intraspecific variation, microreticulation and aggradation/degradation effects.

Parker, Andrew. I am describing about sixty new species (including three new genera) of Cypridinidae (Myodocopida) from baited traps off eastern Australia. I am compiling a DELTA (Descriptive Language for Taxonomy) database to make natural language descriptions and produce a computer-generated key to the family Cypridinidae. I have two large grants, ABRS and ARC, which fund this work and my work on animal structural colors and evolution, respectively. I am drafting a book on my work on the cause of the Cambrian explosion, as summarized in *New Scientist* (21 November 1998, No. 2161, pages 42-46). I am preparing to leave the Australian Museum (in August 1999) to take up a Lecturer position at Reading University, UK, which involves mainly research. I attended three conferences in 1998: Crustacean Society Conference (Amsterdam - presented paper), Optical Design in Nature (Bath, UK – plenary speaker) and Pacific Ocean Research (Hawaii - plenary speaker). I worked in Zurich and England, which included a visit to **David Siveter**. I am continuing with my descriptions of the East Australian Cypridinidae. I am working on segmentation in Myodocopida with **Akira Tsukagoshi** and **Jean Vannier**. I am describing a new mechanoreceptor (velocity detector) in *Lowrya* (Cypridinidae), which is acted upon by the viscous drag of the surrounding fluid. This probably functions to detect vibrations in the substrate, either steady fluid drainage motion or acoustic motion in the surrounding liquid. I will be visiting Heron Island in the Great Barrier Reef (Queensland) to examine bioluminescent cypridinids.

Warne, Mark. Mark has taken up an appointment as a lecturer in Earth Sciences within the School of Ecology and Environment at Deakin University, Victoria, Australia. He continues his research work on the Cretaceous and Tertiary Ostracoda of Australia.

AUSTRIA

Correspondent: Dan Danielopol <Dan.Danielopol@oeaw.ac.at>

Danielopol, Dan. Dan was involved in projects dealing with the ecology and evolution of various groundwater crustacean groups. Beside ostracods (cooperation with **Angel Baltanas**, **Dave Horne**, **Koen Martens**, **Pierre Marmonier**, **Tadeusz Namiotko**) he collaborated with colleagues dealing with cyclopoids (cooperation with **Peter Pospisil**), isopods (cooperation with **Ionel Tabacaru**) and amphipods (cooperation with **Raymond Rouch** and **Claude Bou**). Within the Evolutionary Ecology direction, we concentrated on the processes which explain the biodiversity of groundwater communities and ecological adaptations of various species belonging to the various taxocoenosis within one groundwater assemblage. The morphologic diversity of the carapace shape of the various ostracod *Cryptocandona* species were studied. Using Fourier analysis and multivariate statistics **Baltanas** and **Danielopol** showed that the carapace shape is plastic within this group and is not directly related to the groundwater environment. **Marmonier**, **Namiotko** and **Danielopol** continued to work on the description of the new subspecies *Cr. kieferi danubialis* widely distributed along the Danube from Austria to Romania. The number of ostracodologists working in this country reduced significantly during the last 2-3 years. However, we organized during 29.05.98-1.06.98 an enjoyable and productive meeting for the German speaking ostracodologists. The first two days were reserved for talks that were given in the delightful residence (a middle-age castle) of Professor **Alex Tollmann** at Altbrechtsberg in Lower Austria. Colleagues from Germany and Austria presented a summary of their ostracodological activities and had time to speak each other in a relaxed atmosphere. The meeting was dedicated to the memory of our colleague **Edith Kristan-Tollmann**, and we

are indebted to Professor Alex Tollmann for the superb organization of our stay in Albrechtsberg. A special day was spent in Mondsee at the Limnological Institute where the participants had a look at Recent (living) ostracods as well as at fossil material, mainly Tertiary ostracods, on which **Irene Zorn** is mainly working. Irene prepared a wonderful poster too. **Helga Groos-Uffenorde** and **Irene Zorn** helped Dan in many ways with the organization of this extremely pleasant and useful meeting.

Geiger, Walter. Walter is now working in Spain.

Gross, Martin. Last year Martin started to work on marine Middle Miocene (Badenian) ostracodes from the Vienna Basin (Hainburg Mountains). The investigated samples originate from fifty-three exploration wells taken in lateral distances less than hundred meters for a Danube power station. Various lithologies, ranging from coralline limestones to marls and sandy sediments, offer the chance to study small scale facial interfingering caused by terrigenous influx and different depositional depths on the eastern margin of the basin. The aim of the project, which is supported by the Austrian Science Foundation, is to evaluate the paleoecological value of the different ostracod assemblages. Preliminary results are presented at the annual meetings of the Austrian Paleontological Society and the Workshop of Austrian Sedimentologists.

Loeffler, Heinz. Heinz retired from the Limnology department of the University of Vienna, working now on a free basis.

Mette, Wolfgang. 1) I am working on Upper Triassic ostracods from the northern Calcareous Alps in Austria. I am working on Upper Cretaceous ostracods of Austria in cooperation with **J.P. Colin**. I will begin a project on Jurassic ostracods in Madagascar next year. 2) *Sinuocythere* n. gen. (Ostracoda, Limnocytheridae, Timiriaseviinae), a new genus of limnic ostracode from southern Tethyan Middle and Upper Jurassic.

Zorn, Irene. Irene continued her studies on ostracodes from the Badenian within the scope of the project "Systematics, biostratigraphy and paleoecology of the ostracodes from the Badenian (Middle Miocene) in Austria with special emphasis on the species described by Reuss (1850)", which is supported by the Austrian Science Foundation. She investigated the ostracode faunas of classical localities and new outcrops from Lower Austria, Vienna, and Burgenland, as for instance Baden-Sooss, Nußdorf and Steinebrunn, including the marly sequences in the so-called "Leithakalk" and the typical clay marl deposits of the so-called "Badener Tegel". The material of this project and the preceding project (Early Miocene ostracodes from the Molasse Zone of Upper Austria and the Korneuburg Basin in Lower Austria) was presented at the meeting of the German-speaking ostracodologists in Albrechtsberg/Mondsee. For comparison she studied Badenian ostracodes from Slovakian localities and boreholes at the Geological Survey in Bratislava. Mrs. Zorn cooperated with **Horst Janz** for the project "Ökosysteme und Meerwasserentwicklung im süddeutschen Molassebecken in Abhängigkeit von Klimaschwankungen und Beckenentwicklung of the Sonderforschungsbereich" (SFB) 275 (part B4) of the University of Tübingen and helped with discussions of the localities and the determination of Austrian material of the Early and Late Miocene from the Vienna Basin and the Molasse Zone. She began to study ostracodes from the Lower Gosau Subgroup of the Weißenbachalm area in the Northern Calcareous Alps (Late Cretaceous). A multidisciplinary study (mineralogy and micropaleontology) is in progress in this area. Her current work includes research on the history of micropaleontology in Austria.

BELORUSSIA

Correspondent: Stanislav Zubovicz

Zubovicz, Stanislav. The Belarusian State University (named after M. Tank) remains the only scientific center in the Republic of Belarus where independent ostracodological investigations were carried out in 1998. The main theme of our scientific work was connected with recent and fossil fauna studies of ostracodes of the Pleistocene. A considerable expansion of the lowest crawfish in freshwater reservoirs of Belarus was recently documented. The connection between their biocenosis and an 11-year cycle of sun activity was revealed. Parameters of optimal conditions for vital functions of a number of crawfish types were defined. The potential usage of a number of ostracode taxa as indicators for paleogeographic reconstructions for the Pleistocene and the creation of perspective forecast of climate development on the planet increased. In addition, monitoring observations kept in the Vilja Reserve helped evaluate the qualitative analysis of water for revealing technogenic contamination catchment basin.

BELGIUM

Correspondent: Karel Wouters <kwouters@kbinirsnb.be>

Casier, Jean Georges. Jean continues research on Upper Paleozoic ostracodes from the world, particularly in relation with the Late Devonian mass extinction (Frasnian/Famennian boundary) and with the Hangenberg event (Devonian/Carboniferous boundary). He is working, in collaboration with **Francis Lethiers** (University Paris VI), on ostracodes from France, Germany, Poland, Nevada and New York.

Coen, Michel. Michel continues working on Tournaisian ostracodes of Guangxi, southern China. Together with **Peter Jones**, he became interested in paraparchitids and knoxiellids from the Devonian-Carboniferous transition beds in the Ardennes, the Russian platform, and the Bonaparte basin of NW Australia. The revision of various taxa related to one or another of the preceding topics led him to examine the Grundel collection in Freiberg and the Kummerow collection in Berlin (Spandau).

Martens, Koen. Koen continues studies on taxonomy, morphology, and ecology of nonmarine ostracodes from Africa and the Levant. He is working on the comparative and evolutionary ecology of zoobenthos in large and ancient lakes (Baikal, Tanganyika, Nyasa/Malawi, and Titicaca). Taxonomy of Tanganyikan *Cytherideidae* is conducted together with **Karel Wouters**, Tanganyikan *Gomphocythere* is studied with **Lisa Park**, Lake Baikal ostracodes are studied in collaboration with **Galina Mazepova**, those of Lake Titicaca together with **Philippe Mourguiart**. Koen is working on 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**). He continues his interest in DNA-repair and general purpose genotype in darwinulid ostracodes (with **Isa Schön**, **Roger Butlin** and **Karine Van Doninck**). Koen is working on the revision of *Darwinuloidea* with **G. Rossetti** (Recent), Mesozoic (with **Dave Horne**) and Palaeozoic (with **F. Lethiers**). Another project is focused on the origin and evolution of nonmarine *Cyprididoidea* (with **Dave Horne**). For the Treatise, he is working on post-Cretaceous nonmarine *Cypridacea*, *Limnocytheridae* and *Darwinulacea*. Last year, he edited the book "Sex and Parthenogenesis, Evolutionary ecology of reproductive modes in nonmarine ostracods" (Backhuys Publ., Leiden, 1998), the proceedings of the "Jan Stock Memorial Symposium" (with **Dan L. Danielopol**, special issue *Crustaceana* 1999) and the proceedings of the ISO 97 symposium (with **Dave Horne**, "Evolutionary biology and ecology of Ostracoda", special issue *Hydrobiologia* 1999).

Schön, Isa. Isa is working on comparisons between morphological and molecular evolution in the *Cytherissa*-flock from Lake Baikal and the *Cyprideis*-flock from Lake Tanganyika

(with **Koen Martens**). Research is focused on DNA repair and general purpose genotype in darwinulid ostracods (with **Koen Martens**, **Roger Butlin** and **Karine van Doninck**) and the molecular phylogeny of the Darwinulidae (with **Koen Martens** and **Giampaolo Rossetti**).

Wansard, Guy. Guy is working on the incorporation of trace-elements in lacustrine ostracode valves. He is preparing papers that discuss geochemical results obtained from laboratory cultures of *Candona neglecta* and *Heterocypris salina*, and from field collection of *Herpetocypris intermedia* (in collaboration with Dr **J. R. Roca** and **F. Mezquita**, Valencia University). He is working on paleoclimate and paleoenvironmental reconstructions from Quaternary sequences, including lacustrine ostracode assemblages and valve geochemistry studies in Spain (in collaboration with the team of Prof. **R. Julia**, Barcelona), in Bolivia (in collaboration with Prof. **Pirard**, University of Liège, Belgium, and Prof. **Pool**, University of Oruro, Bolivia), and in Belgium (Holocene tufa sequences).

Wouters, Karel. Karel continues research on marine and brackish *Cypridacea*, mostly from the Indian and Pacific Oceans. This resulted in the description of a new genus. He is reviewing the complex taxonomical imbroglio of the genera *Phlyctenophora*, *Agelaiocypris*, *Agelaiella*, *Ghardaglaia* and *Gerdocypris*. Further projects are: (1) description of new species of the *Cyprideis* species flock of Lake Tanganyika (in collaboration with **K. Martens**). (2) The temporal distribution of the genus *Liasina*, a low diversity lineage. (3) The taxonomic position and the (palaeo)-zoogeography of the family Saididae. He is supervising the Licentiate thesis of **Ronald Gravendeel** (University of Leuven) on Eocene (Lutetian) Ostracoda from Cassel (N. France).

BRAZIL

Correspondent: João Carlos Coimbra <coimbra@if.ufrgs.br>

Carmo, Dermeval Aparecido Do. Dermeval has successfully finished his PhD. His dissertation is about nonmarine ostracodes and associated calcareous microfossils (taxonomy, biostratigraphy and palaeoenvironmental reconstructions) from the Cretaceous Alagamar Formation, Potiguar basin, northeastern Brazil. He is working at University of Brasília (UnB), in the capital of Brazil. He has four papers in press.

Coimbra, João Carlos. I have been busy with administration functions at CECLIMAR-Marine, Limnological and Coastal Research Center, a little Center of the Rio Grande do Sul Federal University, located near the beach, around 130km from Porto Alegre (where I have my laboratory of ostracodes). I continue to work on Neo Cenozoic and Cretaceous ostracodes of Brazilian basins, with emphasis on the taxonomy and zoogeography of the Brazilian equatorial ostracode fauna. My master's student, **Cristianini Trescastro Bergue**, has changed his thesis subject and is now working with Quaternary ostracodes from three deep sea drillings from Santos Basin, southeastern Brazil.

De Lacerda Grillo, Jeanine. Jeanine is working on the studies related to the biostratigraphic refinement of the Rio da Serra local stage (correlated to Neocomian in age) from Reconcavo Basin, northeastern Brazil, with emphasis on Caruaçu Member, as part of the Caruaçu Project. She continues working on the biostratigraphy and paleogeography of the Early Cretaceous sequences of the Reconcavo, Camamu and Almada Basins.

Guzzo, Jarbas V. P. Jarvas is working on the biostratigraphy of the Brazilian Lower Cretaceous Rift Basins, mainly Campos Basin and Potiguar Basin. Current research activities include: (1) empirical observations on paleoecological significance of ostracode assemblages in cuttings and bore hole samples from diverse paleoenvironmental data; (2) base level change and organic carbon accumulation in lakes from oxygen and carbon stable isotopes; (3) an introductory course on paleolimnology for petroleum geologists; (4) a

comparison between Jurassic (?) limnic ostracods from Interior Congo Basin (Africa) and Reconcavo Basin (Brazil) (with **Jean-Paul Colin**, France).

Ramos, Maria Inês Feijó. Just finished her PhD on Taxonomy and zoogeography of Recent marine Ostracoda from South Brazilian Continental Shelf. She is working on Quaternary marine Ostracoda from Brazilian Continental Shelf with **João Carlos Coimbra** (UFRGS, Brazil) and **Robin Whatley** (University of Wales, Aberystwyth). She is working on Quaternary marine Ostracoda from Uruguayan and Argentinian littoral and shelf and Recent marine Ostracoda from Antarctica deep and shallow water with **R. Whatley**, **A. Moguilevsky**, **N. Toy**, **J. Chadwick** and **D.J. Coxill** (University of Wales, Aberystwyth). In progress is a project on the chemical analysis of Quaternary marine and mixohaline ostracode carapace from Enseada do Flamengo, Ubatuba, São Paulo, Brazil in collaboration with **J. C. Coimbra** (UFRGS, Brazil), **J. Holmes** (Kingston University), **R. Whatley** (University of Wales) and **A. Coimbra Horbe** (Universidade do Amazonas, Brazil). Maria is supervising an undergraduate geology student, **Priscila Noronha Serra**, "Projeto de Iniciação Científica" (PIBIC) and Trabalho de Conclusão (TFC), Project "Organization and Catalogation of "Ward's Collection from Paleontology Laboratory of Instituto de Ciências Exatas, Departamento de Geociências, Universidade do Amazonas". This project includes the production of an atlas with the best specimens of the collection.

Souza, Carlos Jose. Carlos is working with lacustrine ostracodes of Lower Cretaceous age (Valanginian to Aptian – Rio da Serra to Alagoas local stages) from Pendencia and Alagamar formations, Potiguar Basin.

CANADA

Correspondent: Ursula Grigg <Ursula.Grigg@Stmarys.ca>

Siddiqui, Quadeer. Quadeer continues work on the remaining undescribed fauna of the Sor and Sulaiman Ranges (Paleocene-Eocene) of Pakistan. Papers on *Neocyprideis* and on *Paijenborchella* and *Neomonoceratina* are in press. Observations on local shallow marine ostracodes continues, especially the genera *Perissocytheridea* and *Cytherura*. He expects to attend the EOM meeting in Adana, Turkey, in July.

Grigg, U.M. Ursula continues to work on the local shallow marine and freshwater ostracods, especially *Perissocytheridea* and other cytherids. Progress has been made on the Nova Scotia Museum's ostracode collection and the Curatorial Report. She is seeking funds for visits to the Smithsonian Institution and museums in Britain.

PEOPLE'S REPUBLIC OF CHINA

Correspondent: Jin-Lan Peng <pengjl@public1.ptt.js.cn>

Cao, Mei-Zhen. is working on (1) Ostracoda of Jehol fauna; (2) Middle Triassic Ostracoda from Qingyan; (3) Jurassic Ostracoda from North China.

Chen, Chun-Rui. With **Yao Dan** and **Ye De-Quan**, I finished a paper entitled 'Strata Evaluation System of Ostracoda Fossil in Songliao Basin' (written by **Yao Dan**, **Chen Chun-Rui**, and **Ye De-Quan**), which will be published in 1999.

Feng Xiao-jie. is working on the stable isotope of carbon and oxygen of microfossils. It is interesting that the carbon and oxygen isotope variation is correlated with extinctions and climate changes.

Gou, Yun-Xian. continues the revision of Ostracoda of China, Part 2: Paleozoic, Mesozoic Cenozoic (marine) Ostracoda of China.

Guan, Sao-Zeng. In 1998, I worked on the project "The rise and fall, evolution and ecology and environment of Genus *Cypridea* (Ostracoda)" aided financially by funding from the National Natural Science (No:49572074); it is the last year for this study, and I finally completed it. This year, I investigated the sections of the boundary of Cretaceous and Tertiary in Nanxiong Basin, Guangdong of China, and analyzed and identified Ostracoda and the other kind of fossils. During September-October, I was invited by my colleagues to visit Russia, discussed a study plan, and surveyed sections of Cambrian to Pliocene along the bank of Black Sea and West Caucasus, as well as modern volcanoes. From 1999 to 2001, I will be engaged in the project 'Late Tertiary strata, environment and its resources between the southern foot of South Tianshan and the northern foot of West Kunlun' supported by funding from the National Natural Science of China.

Hou, You-Tang. continues the revision of Ostracoda of China, Part 2: Paleozoic, Mesozoic Cenozoic (marine) Ostracoda of China.

Li, Dong-Ming. is focusing on the modern stratigraphy research in oil field.

Li, Yuan-Fang. I was engaged in work on modern Ostracoda in the transitional zone between land and sea in northeast Arctic Alaska. In 1999 I worked on Recent and Quaternary Ostracoda from the Qinghai-Xizang Plateau, China, and Barrow area of northeast Alaskan Arctic.

Pang, Qi-Qing. continues his work on the nonmarine Mesozoic and Cenozoic Ostracoda of Northern China.

Peng, Jin-Lan. I finished my Ph.D. thesis entitled 'Ostracoda and Environmental Analysis during the past 150,000 years in the Heqing Basin, Yunnan of China' in August. I continue studying Quaternary Ostracoda and environmental changes.

Sun, Zhen-Cheng. I am working within a project together with **Yang Fan** and others on: (1) ostracode ecology in Qaidam Basin of northwestern China; (2) the main factors controlling the presence and thriving of Ostracoda in East China; (3) stable isotope of carbon and oxygen of Ostracoda in Cenozoic lacustrine deposition in Qaidam Basin; (4) Ostracoda of Lake Bosten in Xinjiang, northwestern China.

Wang, Qiang. I continue to study Quaternary Ostracoda and environmental changes.

Wang, Shang-Qi. continues work on *Sinoleperditini* (Leperditidae) from the Devonian of South China and its adjacent areas, including phylogeny, evolutionary trends, paleoecology, paleoenvironments, and paleogeographical distribution of *Sinoleperditini*. Manuscripts on *Myodocopes* (Ostracoda) from the Llandovery of China, with co-worker Dr. **D. J. Siveter**, and on Palaeobiology of leperditids (Ostracoda), with co-worker Dr. **Jean Vannier**, have been completed.

Wei, Min. I take part in the project on "Devonian Biotic Community and its Environmental Significance from Southwestern Margin of Yangtze Platform".

Yang, Fan is working within a project together with **Sun Zhen-Cheng** on ostracode ecology in Qaidam Basin, NW China.

Yao, Dan. I finished a paper entitled 'Strata Evaluation System of Ostracoda Fossil in Songliao Basin' (written by Yao Dan, Chen Chun-Rui, and Ye De-Quan), which will be published in 1999.

Ye, De-Quan. I am preparing the report 'The distribution and contrast of Jurassic in northern China' which will be finished in 1999. With **Zhang Yin** et al., I plan to write a book entitled 'Biostratigraphy of Cretaceous Ostracoda Fossils in the Songliao Basin' in 1999. A paper entitled 'Strata Evaluation System of Ostracoda Fossil in Songliao Basin' (written by **Yao Dan, Chen Chun-Rui, and Ye De-Quan**) is in press.

Yin, Yu. finished his study in the Institute of Limnology, Austrian Academy of Sciences and obtained his Ph.D. of the Vienna University in January 1998. The title of his thesis is "*Contribution to the morphology and ecology of Ostracoda Limnotheridae and Candonidae – Comparative studies between Austrian and Chinese Crustacea*". He is mainly working on his projects, "*Clonal ecology of Limnocythere and its application to reconstruction of paleoenvironment*" and "*polymorphism and adaptation ecology of Limnocythere*". He participated in the project, "*Recent sedimentation of lakes in Qinghai-Tibet Plateau*". He sampled thirty-five lakes (2000-5000 m.a.s.l.) with different salinity in Tibet. His work is focused on comparative morphology and life history adaptation of nonmarine ostracods.

Zhang, Yin. With **Ye De-Quan** et al., I plan to write a book named 'Biostratigraphy of Cretaceous Ostracoda Fossils in the Songliao Basin' in 1999.

Zhao, Quan-Hong. is working on: (1) Modern and Quaternary Ostracoda of China seas, (2) Cenozoic Ostracoda of W. Pacific DSDP cores, (3) Shell chemistry of Paleogene ostracods from oil-bearing basins of East China and its implication in paleoenvironmental reconstruction.

Zhou, Bao-Cun. In 1998 my main work on Ostracoda was the development of an ostracod database for the South China Sea. This work was done in collaboration with a colleague in a software company in Tokyo. The database is recorded on a CD and can be opened on any Pentium-series computer that is installed with Windows-95 or -NT. One can use it to look at the SEM photos of a given ostracod species from SCS, to draw the map of its geographical distribution, and to get the information of its distribution range.

COLUMBIA

Correspondent: --- open ---

No report submitted in 1999.

CROATIA

Correspondent: Ana Sokac

No report submitted in 1999.

CZECH REPUBLIC

Correspondent: Jaromir Zelenka

Kopecky, Jirka. I continue my PhD study of ecology of freshwater ostracods. I have sampled about 150 temporary and permanent pools, backwaters, inundated sandpits, etc. in the inundation area of the Morava and Dyje (Thaya) rivers. In 1999 I will continue regular sampling of four localities (2 temporary pools) and the study of population biology and seasonal dynamics of the most abundant species.

EGYPT

Correspondent: --- open ---

No report submitted in 1999.

ESTONIA

Correspondent: To-nu Meidla <tmeidla@math.ut.ee>

No report submitted in 1999.

FRANCE

Correspondent: Jean-Francois Babinot <reef@newsup.univ-mrs.fr>

Andreu, Bernard. Working on a) Lias and Dogger from the "Grands Causses", France, b) Callovian to Oxfordian from Portugal, c) Callovian - Oxfordian and Cretaceous from High and Middle Atlas, High Moulouya, Morocco, d) Late Cretaceous from Pyrenees, France, e) Late Cretaceous from Tercis (Landes, France). Projects: a) Synthesis on ostracode assemblages from the Cretaceous of Agadir and Essaouira Basins, Morocco, b) Ostracode assemblages from the Lias - Dogger and Cretaceous of Pyrenees, France. Long-term project: Synthesis on ostracode assemblages from the Cretaceous of Morocco: biostratigraphy, paleoecology, paleobiogeography. Thesis supervision (co-management): **M. El Attachfani**: "Cenomanian - Turonian Moroccan series: lithology, micropalaeontology and sequence stratigraphy"; **E. Lara Corona**: "Comparative studies of Cretaceous series from the Sierra Madre (Mexico) and Pyrenees (France)"; **O. Nzaba Macaya**: "Ostracode assemblages from the Carixian-Domerian of Quercy and Grands Causses, South France: systematics, biostratigraphy, sequence analysis, palaeoecology and palaeobiogeography ; comparisons with Portugal"; **M. A. Rossi**: "Lower Cretaceous ostracodes from the Agadir and Essaouira regions, Morocco".

Babinot, Jean-François. Working on a) Aptian ostracodes (stratotypes, Lower/Late Aptian crisis) from southeastern France, b) Maastrichtian to Danian ostracode assemblages (Cretaceous/Tertiary boundary) from Mahajunga Basin, Malagasy Republic (with **J.P. Colin, Cl. Guernet** and **G. Bignot**), c) Messinian basinal and carbonate platforms deposits from Western Algeria and Southeastern Spain, d) ostracodes from Quaternary human sites (S. France, Spain).

Bodergat, Anne-Marie. Working on a) Distribution and geochemistry of Recent ostracodes from Kagoshima Bay, Japan (with **K. Ishizaki** and **K. Oki**, Japan), b) Palaeoecology of Lower Jurassic Ostracodes, c) Studies of microfaunal colonization following the construction of Maka Diama Dam (Senegal). Thesis supervision: **Mohamed Hajjaji**: "Ostracods from the Plio-Pleistocene of Rhode (Greece)"; **Radovan Pipik**: "Neogene freshwater ostracodes from Slovakia" (Co- direction : **G. Carbonnel**).

Braccini, Eric. Petroleum routine analyses (ostracodology and mainly palynology). All geological settings worldwide.

Carbonnel, Gilles. Working on a) Propositions for a new approach of ostracode ornamentation, based on the disturbances of both primary, reticulated, and hexagonal networks (see Carbonnel, 1998), b) Upper Neogene ostracods from Lebanon (with **T.H. Chahine**, Beyruth Univ.), c) Paleogene ostracods from the Ivory Coast (level with or without *Togoina*) (with **B. Igbehi**, Coccody Univ., Abidjan) d) Outside ostracode work: Software "FLORALP" for alpine flora (now available 1500 pictures, 500 species and more). Thesis supervision: **Ali Bachnou**: "Modélisation mathématique du contour latéral externe des ostracodes. Traitement informatique graphique"; **Radovan Pipic** (Comenius University, Faculty of Sciences, Department of Geology and Paleontology, Mlynska dolina, SK 842 15 Bratislava, Slovakia): "Ostracodes lacustres (formes et habitats) des bassins intramontagneux de la Slovaquie (Miocène moyen - supérieur)" (co-direction with **A.M. Bodergat**).

Colin, Jean-Paul. Working on: a) Callovian-Oxfordian nonmarine ostracodes from Tunisia, Morocco and Portugal (with **M.C. Cabral**, Lisbon, **F. Depeche**, Paris and **W. Mette**, Innsbrück; papers in preparation with description of a new genus of *Timiriaseviinae* and *Candoninae*), b) Upper Cretaceous from Gosau, Austria (with **W. Mette**, Innsbrück), c) Maastrichtian ostracodes from Madagascar, d) Upper Cretaceous from Mexico and Paleogene ostracodes from Pakistan (with **Y. Tambareau**), e) Nonmarine ostracodes from Inter-trappean beds of Rajasthan, India (with **A. Bandhari**, Dehra Dun), f) Upper Jurassic from Oleron Island, W. France (with **P. Hantzpergue**, Lyon), g) Middle Jurassic nonmarine ostracodes from Brazil and Zaire (with **J. Guzzo**, Petrobras, Rio de Janeiro), h) Maastrichtian-Danian ostracodes from Brazil (with **G. Fauth** and **P. Bengtson**, Heidelberg and **E. Koutzoukos**, Petrobras, Ro de Janeiro, i) the genus *Nucleolina* (with **J.F. Babinot**, Marseille and **Y. Tambareau**, Toulouse).

Crasquin-Soleau, Sylvie. This year 1998 was devoted to defending the "Habilitation à diriger les recherches", a French examination for professor position. Working on a) Peri-Tethys Program with edition of books, two were published in 1998 and three are in preparation for 1999, b) Palaeogeography of Eastern European Basin during the Late Carboniferous-Early Permian (with **B. Chuvachov**) and Late Permian-Early Triassic of Precaspian Depression (with **D. M. Kukhtinov**), c) research in progress on the Late Permian of Oman.

Guernet, Claude. Working on bathyal ostracodes from Paleocene to Eocene in the Atlantic Ocean. Thesis supervision: **Chait, Rafika**: Ostracode distribution (bathymetry) in some transects on the Atlantic and Mediterranean borderlands (France, Iberic Peninsula and Morocco).

Lethiers, Francis. Working on 1) Devonian to Permian ostracode faunas; biostratigraphy, palaeogeography and palaeoecology, 2) Upper Devonian events with reference to ostracode faunas, c) Permian freshwater ostracodes.

Marmonier, Pierre. Working on a) Hypogean Candoninae from Morocco (collaboration with Univ. Rabat and Marrakech): systematics, morphology, biogeography, b) Benthic and interstitial ostracods from an alpine floodplain in Switzerland: assemblage composition, spatial distribution, temporal succession after snowmelt, biogeography (with **J. Ward**, EAWAG Zurich, Switzerland).

N'Zaba-Makaya, Odette. Working on a) Comparative analysis on Domerian ostracode assemblages from South Quercy and West Grands-Causse: biostratigraphy, palaeobiogeography, sequence analysis, palaeoecology, correspondence analysis) (D.E.A., Toulouse Univ. 1996), b) Ostracode assemblages from the Carixian-Domerian

(Pliensbachian) from Quercy and Grands-Causse, Southern France (thesis).

Oertli, Henri J. Continues abstracting of papers on Post-Paleozoic ostracodes for the "Zentralblatt für Geologie und Paläontologie" (approximately 170 papers analyzed in 1998; increase in sight for 1999!). Thesis supervision: **Jacques Sauvagnat** (Geneva Univ., Switzerland) on Aptian-Albian ostracodes of the Jura Mountains (thesis to be achieved in spring 1999).

Sauvagnat, Jacques. Working on Aptian to Albian ostracodes from the Jura Mountains. Dissertation completed on April 15, 1999 (Geneva University, Switzerland).

Tambareau, Yvette. Yvette retired recently but continues studies on Tethyan Upper Cretaceous and Lower Paleogene microfaunas from Pakistan to Mexico. We wish our friend a merry new life and very good health. Working on a) Ostracodes from Pakistan (with **J.P. Colin**), b) Field trips and studies in Jamaica, Cuba, and Oman (foraminifers and ostracodes).

GERMANY

Correspondent: Dietmar Keyser <Keyser@zoologie.uni-hamburg.de>

Arlt, Guenther. Guenther is working on the significance of the meiofauna of the pelagic and benthic connections in the Baltic Sea. He is studying the activity of *Cyprideis torosa* in resuspension processes and its strong influence in particle structure of the upper layer of the sediment.

Becker, Gerhard. Gerhard has continued in (1) editing his Treatise pre-printing series (POC); from the Palaeozoic superfamilies asked to revise by the Editor, the Superfamilies Kirkbyacea and Nodellacea have been finished (POC, Nos. 1- 10), and the Superfamilies Bairdiocypridacea and Bairdiacea (Palaeozoic only) will follow. Part Q (Paleozoic Ostracoda, revised) will not appear in a reasonable time, however, POC will offer Treatise standard. Furthermore, in (2) studies on pelagic ostracods along the Devonian/Carboniferous. **H. Blumenstengel** is working on Devonian and lower Carboniferous ostracods connected to the Thueringer Oekotyp and also Devonian shallow water faunas near the Baltic Sea island Ruegen.

Frenzel, Peter. Peter has changed with a post-doc fellowship his working place to Angers (France). He is working on Holocene brackish water ostracods, foraminifers from the southern Baltic Sea and Pleistocene ostracods (marine, brackish and freshwater) and foraminifers from Northern Germany, and Upper Cretaceous benthic foraminifera from the European "Boreal". Here in Angers, he is studying the influence of oyster farming on marine littoral ostracod and foraminifer associations within a bay of the French Atlantic coast.

Fuhrmann, Roland. Recent and Quaternary freshwater ostracods are the subject of his scientific interest.

Gramann, F. Dr. Gramann has reached retirement and tries to catch up with his beloved ostracods. He is finishing a paper on nonmarine occurrences of Pleistocene and recent *Cyprideis torosa* in Lower Saxonia.

Janz, Horst. I continue to work with freshwater ostracods (Recent to Tertiary) and extend my work since last year to **Miocene** marine species. Together with **Mark J. Grygier** from Lake Biwa Museum (Japan) I carry on the investigation started in late 1997 about recent ostracods from Lake Biwa. In the scope of the climatic research program of the University of Tuebingen (SFB 275) I work together with **Irene Zorn** on the geochemical composition of marine ostracods of the Molasse in respect to oxygen and carbon.

Jellinek, Thomas. 1998 was a busy year. I had the unique opportunity to join several international projects dealing with deep-sea ecology and climatology mainly in the southern Pacific Ocean (Papua New Guinea, Fiji, New Zealand) and the Mediterranean. The greatest success in obtaining living ostracode material from the deep sea was in the Southern Ocean and Tasman Sea. Future work will focus on that material in cooperation with **Kerry Swanson** (New Zealand)!

Kussius, Karina. I will hopefully finish my thesis this year. It concerns Upper Jurassic ostracodes from Eastern Spain. In collaboration with colleagues, I started an investigation about the Neogene Pigadia Basin of Karpathos Island. We will be looking at calcareous nannofossils, ostracodes and fish.

Langer, Wolfhart. Wolfhart is now retired and is keeping up his research of the Paleozoic.

Luger, Peter. I re-joined the "Ostracon" community after having moved from Bremen back to Berlin. I apologize to everyone who might have tried to reach me during the time of my absence from the list for not having announced this "event" - neither in time nor to the "Ostracon" public. For those who may have joined the community during the time of my "stay-away" (and for those who might be interested anyway). I am housed at the Technical University of Berlin as a "visiting scientist". My interests are marine Ostracoda from the Jurassic through Paleogene of Africa and Arabia; I am completing my studies on Cretaceous Ostracoda from Somalia (Barremian: "Wealden-type"; Aptian-Cenomanian, ?Campanian-Maastrichtian: shallow marine).

Matzke-Karasz, Renate. Renate is happy having found a half-time job at the University of Munich. She is now busy with a revision of the European *Cyclocypris* - fossil and living. Each spare specimen of this genus that you can find in your personal collections would be welcome and gratefully appreciated!

Mette, Wolfgang. I am working on the ostracods of the alpine Upper Triassic (Koessener Formation, Zlambach Layers). I started cooperating with **J.P. Colin** on the ostracods of the alpine Upper Cretaceous (Gosau Gruppe). Planned is another project about the Jurassic and Upper Cretaceous ostracods of Madagascar (Morondava Becken). The following papers are in preparation: 1) *Sinuocythere* n .gen. (Ostracoda, Limnocytheridae, Timiriaseviinae), new genus of limnic ostracode in the South Tethyan Middle and Upper Jurassic. - Micropalaeontology. 2) Rhaetische Ostrakoden aus der Slope- und Beckenfazies der noerdlichen Kalkalpen (Koessener Formation, Steinplatte von Waidring), Teil 1: Systematik. - Geologisch-Palaeontologische Mitteilungen Innsbruck. 3) Rhaetische Ostrakoden aus der Slope- und beckenfazies der noerdlichen Kalkalpen (Koessener Formation, Steinplatte von Waidring), Teil 2: Paleoekologie, Palaeobiogeographie Geologisch-Palaeontologische Mitteilungen Innsbruck.

Mischke, Steffen. Steffen continues his investigations of Pleistocene and Holocene nonmarine ostracodes from Central Asia (NW China and Mongolia) in order to reconstruct the history of environment and climate. He is interested in an exchange not only of information about ostracode taxonomy and palaeoclimatic studies, but also of specimens from this region.

Mostafawi, Nasser. Nasser continues to study the systematics, ecology, and stratigraphy of Neogene ostracods in the Aegean area. He is working with **M. Handl** and **H. Brueckener** (Marburg) on Holocene ostracods of Milet (west Turkey) and with **B. Chatenoux** and **A. Weber** (student at the University of Geneva) on Plio-Pleistocene ostracods of Crete. A paper on Upper Oligocene ostracods of Northwestern Germany is in press. Other studies include ecology of the living ostracods in the Persian Gulf. During the Gulf war (1991), Kuwaiti oil springs were destroyed and set fire to. An immense amount of oil ran into the Persian Gulf and contaminated the fauna and flora, especially at the western coast of the Persian Gulf. Recent ostracods dredged November 1991, show the extent of the ecological damage of the war.

Nuernberg, Dirk. Dirk is working on a project funded by the German Science Foundation (DFG), August 1, 1997 -July 31, 1999, Nuernberg, D.: "Paleoceanographic reconstructions from earth alkaline metals in calcitic microorganisms: Case study West Iberian continental margin". Abstract: The objective of the research project is the paleoceanographic reconstruction of the study area based on Sr/Ca and Mg/Ca ratios in biotic calcite. The late Pleistocene oceanography of the Western Iberian continental slope will be examined in addition to the investigation of sediment cores.

Pietrzeniuk, Erika. The projects "Ostracods from the Sauria Chalks from Tendaguru" and "Pleistocene and Holocene freshwater ostracods in Jakutien" continue.

Scharf, Burkhard. Burkhard has a new address. He is working on living and fossil ostracods of lakes in northern Germany. He supervised Ph.D.-students with paleoclimatic themes, including some on Ostracoda, especially in Sweden and Germany.

Schudack, Michael. Michael continues research on ostracods, charophytes, and foraminifers. Main activities on ostracods include Late Jurassic in Europe (with **K. Kussius** and **U. Schudack**, Berlin), East Africa (Tendaguru Formation) and North America (Morrison Formation). Main focus (depending on the project) is on biostratigraphy, paleoecology, biogeography, paleoclimatology, and stable isotope shell geochemistry. Thesis supervision: (1) Late Jurassic ostracods from eastern Spain (**K. Kussius**), (2) Rhaetian ostracods from northern Germany (**K. Oppermann**), and (3) Quaternary ostracods from lakes in the Gobi Desert (**S. Mischke**).

Schudack, Ulla. Ulla completed research on the marine and nonmarine ostracods from the Upper Jurassic of northern Spain. She is working on the Upper Jurassic of Tanzania (Tendaguru Formation). A future project (in the state of application) deals with the Upper Jurassic ostracods of southwestern France, Portugal, and Nova Scotia, as part of the Upper Jurassic biogeography project.

Schwalb, Antje. 1998 started with a month of fieldwork in Patagonia, Argentina. As a member of the Patagonian Lake Drilling Team, a USA-CH-AR-D research initiative, I sampled modern sediments, ostracods and waters that will serve as calibration sets for future work on lake cores. Other sites I am working on are Lake Constance, lakes in the Midwest, USA, and the Chilean Altiplano. With **Huw Griffiths** we are analyzing lacustrine ostracod assemblages from Iran (DAAD-ARC grant).

Uffendorde, Henning. Henning has completed his paper entitled "Untermiozäne

Ostracoden-Faunen. Ein Vergleich norddeutscher, daenischer und niederlaendischer Profile" in January 1998, which will be published in the "Greifswalder Geowiss. Beitrage, 6 (Festschrift Prof. **Herrig**), started work on the NW German Tertiary lithostratigraphic scheme for the German Subcommittee on Tertiary Stratigraphy.

Viehberg, Finn. Finn thinks that the following information would be of interest to the community. 1) I started on ostracods in 1995. My main interests focused on the individual density of recent freshwater ostracods. I worked out a simple method of collecting for both aims quantity and quality. I still have a look through the Institute collected material. 2) I will finish my diploma thesis this year. "Faunistical and ecological research on the Ostracod fauna in chosen freshwaters around Greifswald". Its aim is to get a checklist of the freshwater Ostracoda around Greifswald, compare it with the material found a century ago and estimates the biomass percentage of Ostracoda in eutrophic small ponds.

GREECE

Correspondent: Stelios Galoukas

No report submitted in 1999.

HUNGARY

Correspondent: Miklós Monostori <Monost@ludens.elte.hu>

Kiss, A. I am working on ostracods of recent lakes.

Kozur, H. I am working on Carboniferous to Liassic ostracods of the Tethys and soft parts of Triassic ostracods.

Monostori, Miklós. I am working on Eocene and Oligocene ostracods and their paleoecology in Hungary, Jurassic marine ostracods from Hungary and Triassic marine and nonmarine ostracods.

Szuromi-Korecz, A. I am working on Neogene marine, marine brackish and limno-brackish fauna from Hungary.

INDIA

Correspondent: --- open ---

Hussain, Shaik M. The research work on the ecology, distribution, and taxonomy of Recent marine ostracodes from the inner shelf sediments off Tuticorin (Gulf of Mannar), off Rameswaram (Palk Bay), off Mahabalipuram, near Madras (Bay of Bengal) continues. Similar studies on the brackish water fauna of the Adyar River estuary and the beach sediment samples collected from Kanyakumari, Vattakottai, and other locations are ongoing. **Mrs. A. Mini Kumari** has been awarded a Ph.D. Degree for her doctoral thesis entitled, "Systematics, Distribution and Ecology of Recent Ostracoda from off Mahabalipuram, near Madras, Tamil Nadu, South India" under the supervision of **Prof. S. P. Mohan** (April 12, 1998).

Mallikarjuna, U. B. I am a Young Scientist awardee working on biostratigraphic, paleoecologic and paleobiogeographic implications of Middle Jurassic-Early Cretaceous ostracodes and charophytes of western Indian formations under the "Young Scientist" project of the Department of Science and Technology, New Delhi, India. I started

collaborative work on aspects of freshwater ostracodes from the Kota Formation (Middle Jurassic), Pranhita-Godavari valley, Central India with Prof. **G.V.R. Prasad** (Univ. of Jammu, India) and Prof. **K.G. McKenzie** (Wagga, Wagga, Australia).

Mannikeri, M. S. I continue studies on Jurassic and Palaeogene marine and nonmarine microfauna of the Western Rajasthan. I am working on the taxonomy, morphology, and ecology of the Recent marine and nonmarine ostracodes from North Karnataka, Andhra Pradesh and Goa. I attended and chaired a technical session on ostracodes at the XVI Indian Colloquium on Micropalaeontology and Stratigraphy held at N.I.O. Goa from 22-25 January 1998. I delivered a special lecture at this meeting on the "Role of Ostracoda in Micropalaeontological Research".

Singh, Pratap. I am working as a petroleum exploration biostratigraphy consultant and continuing my study of Mesozoic-Recent ostracods. I am working on Tertiary ostracods of Kachchh in collaboration with **M. P. Singh** (Department of Geology, University of Lucknow, Lucknow). I am studying Tertiary ostracods of the Subathu Group of the Himalayas.

Vaidya, Arun S. I am continuing studies on Quaternary marine and brackish (estuarine) and nonmarine ostracode and foraminifers from India. I attended and presented a research paper at the XVI Indian Colloquium on Micropalaeontology and Stratigraphy (see Recent Papers list) held at N.I.O. Goa from 22-25 January 1998. I attended and presented a research paper on ostracodes at the National Seminar on Coastal Zone Management held at S.D.M. Engineering College, Dharwad from 10-11 December 1998.

IRAQ

Correspondent: --open--

Al-Jumaily, Wajih A.K. I continue as a member of the Department of Geology staff, University of Nasir, Al-Khoms City, Libya. I attended the First Earth Science Conference held in Benghazi, Libya, on November 22-24, 1998, and presented a paper, "Palaeozoogeography of shallow marine Ostracoda from Holocene sediments, Southern Iraq" (with Dr. **S. S. Al-Sheikhly**). While attending the Geological Conference on Exploration in Murzuq Basin, in Sabha-Libya on September 20-22, 1998, I met **Prof. A. Seilacher** and **Prof. E. Klitzsch**. I am working on Quaternary Ostracoda and Foraminifera from the Gargarish Formation (Quaternary) from the coast of Libya. I am working on Miocene Ostracoda and benthic foraminifera from Ras-Abd-al-Jalil Formation (offshore, Az-Zawiyah, Libya). This is a joint study with Ms. **Luila S. Hafed**, Petroleum Research Centre, Tripoli, Libya. I have two research students: Mr. **Omar M. Abd-al-Salam** and Mr. **Yehya S. Abu-Jenah**, who are studying aspects of the palynofacies and palynological study of Jurassic sediments in the Gharian area of Libya. Other work I am involved in includes work on the genetic differentiation in *Cyprideis torosa*, with Dr. **Ammar M. Saleh** (Microbiology unit, University of Nasir).

Al-Khashab, Sanad A. I am in the last year of my PhD research. Lower Cretaceous formations like Zubair, Garagu, and Zangura have been investigated. Presently, more than ninety species have been found belonging to genera like *Cytherella*, *Cytherelloidea*, *Bairdia*, *Paracypris*, *Pontocyprilla*, *Metacytheropteron*, *Eocytheropteron*, *Cythereis*, *Rehacythereis*, *Isocythereis*, *Protobuntonia*, *Doloccytheridea*, *Asciocythere*, *Centrocythere*, *Neocythere*, *Paijenborchillina*, *Macrocypris*, *Matronella*, and *Veenia*.

ISRAEL

Correspondents: Avraham Honigstein <ahonigstein@mni.gov.il>
Amnon Rosenfeld <rosenfeld@mail.gsi.gov.il>.

Amnon Rosenfeld and **Avi Honigstein** continue working on Jurassic–Early Tertiary ostracode assemblages from Israel and the Middle East. A paper on Eocene ostracodes and foraminifera from southern Israel is in the final stage of preparation. Our bibliography of paleontological studies in Israel and Jordan will be soon in press. A.R. and A.H. participated in the Shallow Tethys (ST) 5 symposium in Chiang Mai, Thailand, 1999, where a lecture on the migration paths of Cretaceous faunas was given. A.H. took part in the 5th Jurassic Conference in Vancouver, B.C., 1998.

ITALY

Correspondent: Gioacchio Bonaduce, Giuseppe Aiello and Diana Barra

Giuseppe Aiello, **Diana Barra** and **Gioacchino Bonaduce** are continuing the work on the paleoecological interpretation of the bathyal Plio-Pleistocene of Sicily (manuscript). **G. Bonaduce** and **D. Barra** are studying brackish ostracod assemblages of Pliocene of Southern Italy. **D. Barra** and **G. Bonaduce** are completing a manuscript on the genus *Echinocythereis* in the Mediterranean area.

G. Bonaduce, **D. Barra** and **G. Aiello** are engaged in the systematic, paleoecological and stratigraphic study of ostracods of sections from Burdigalian to the Tortonian of the Malta and Tremiti Islands. **D. Barra** is revising the *Cistacythereis* and *Hiltermannicythere* genera and related species from Miocene to Recent of the Mediterranean area. **D. Barra** is studying the ostracods of the Pleistocene-Holocene of the coastal plains of Campania region (Southern Italy).

G. Aiello is working with Prof. **Janina Szczechura** (Warsaw, Poland) on the systematics and paleoecology of the Badenian ostracods of the Southern Poland and continues to study the upper Miocene ostracods from Calabria (southern Italy).

Nevio Pugliese, **Gianguido Salvi**, and **Mario Masoli** are working on the systematics, ecology and palaeoecology of marine Ostracoda in the Mediterranean Basin, and the Antarctic and peri Antarctic areas since Pleistocene. They are working on the systematics, ecology and palaeoecology of freshwater Ostracoda in the northern Italy (Quaternary) and Ostracoda in geoarchaeology (Pleistocene of Monte Poggiolo, near Forli; Holocene of Aquileia, northern Adriatic coastal area). Topics of student theses include: Infralittoral Ostracoda from Sardinia (student: **Viviana Evangelista**); The Camoebian and Ostracoda as indicators of freshwater environments and palaeoenvironments (student: **Michela Repetti**); Ostracoda of two cores coming from western part of Magellan Strait (student: **Sara Boschetti**).

Elsa Gliozzi and her collaborators **Ilaria Mazzini** and **Costanza Faranda** carry out their ostracodological research in Roma. Elsa Gliozzi studies Italian Neogene-Quaternary freshwater and brackish ostracods as biochronological and palaeoenvironmental indicators of different sites in Italy. She is involved in the study of Late Miocene brackish water assemblages coming from localities of northern and central Italy (Velona and Baccinello basins (Tuscany) Tortonian-early Messinian; Blera basin (Latium) and Perticara (Marche), uppermost Messinian). She is involved in a multidisciplinary research with palaeoclimatological purposes in central Italy. At present, she is looking at the ostracodes coming from a drillhole bored on Late Pleistocene-Holocene lacustrine sediments in the

Rieti plain. **Ilaria Mazzini** is involved in the geological survey of the new Geological Chart of Italy 1:50.000, but retains her interest in Plio-Quaternary freshwater and brackish ostracods. During the summer 1998 she had the opportunity to fly to Socotra Island (Yemen) and came back with samples which are waiting for her attention. She is at the end of the study of a Holocene freshwater lacustrine succession in Umbria, providing interesting faunal assemblages with *Cytherissa lacustris*. **Elsa Gliozzi** and **Ilaria Mazzini** are carrying out a study on the ostracod assemblages of the Middle- Upper Pliocene succession of the Tiberino Lake (Umbria, central Italy). **Costanza Faranda** is going on with her research on Plio-Pleistocene marine ostracods. At present she is looking at ostracod assemblages coming from the Plio-Pleistocene coastal sediments of northern Latium.

Alessandro Bossio continues research on the systematics and biostratigraphy of the Neogene Ostracoda of the Salentina Peninsula (Apulia) and Tuscany. He is working on the last 20.000 years of ostracod faunas of the Gulf of Naples and Pozzuoli for a MURST program, coordinated by Prof. **G. Ciampo**.

Barbara Dall'Antonia is carrying on her Ph. D. (third year), entitled "Contribution to the taxonomy, biostratigraphy and palaeoecology of the Miocene ostracofaunas of the Apulian-Iblean Foreland with palaeogeographic considerations" and is supervised by Prof. **A. Bossio**. She is working on the Middle Miocene ostracode faunas of some Sicilian sections.

Andrea Chiellini, a student, is working on the revision of the ostracod fauna of the Langhian Stratotype.

Pietro Miculan is working on: Middle Miocene deep-water ostracods from South-Eastern Sicily (Southern Italy); lacustrine ostracods of the Italian Uppermost Miocene (Paratethyan-type faunas) from the Adriatic foreland of the Northern Apennines, Central Italy; Oligocene marine ostracods from Cyrenaica (Libya)

Valeria Rossi, Paolo Menozzi, Giorgio Benassi, and Andrea Gandolfi continue their activities on population ecology and genetics of *Heterocypris incongruens* and *Darwinula stevensoni*.

Giampaolo Rossetti cooperates with **Koen Martens** (KBIN, Brussels) on the assessment of extant diversity of Darwinulidae. Work in progress includes phylogeny of Darwinuloidea.

Giorgio Benassi, Ireneo Ferrari, Sandra Sei, and Ken G. McKenzie continue their work on the ecology and taxonomy of planktic ostracods of Antarctica (Ross Sea) and Magellan Strait. Students and thesis topics: **Andrea Gandolfi** (PhD student) is completing his thesis on DNA markers and population genetics of *Darwinula stevensoni*, *Eucypris virens*, and *Heterocypris incongruens*. **Mattia Calzolari, Monica Gallani, Luisa Garulli, and Barbara Tondelli** are performing their graduation theses on different topics concerning the ecology and the population genetics of *Heterocypris incongruens*.

JAPAN

Correspondent: Takahiro Kamiya <takamiya@kenroku.kanazawa-u.ac.jp>

Hayashi, Keiichi. I am working on nonmarine ostracode biostratigraphy and correlation of Lower Cretaceous formations in southwestern Japan and southwestern Korea.

Hiruta, Shin-Ichi. I am working on a faunal study of myodocopids from Kyushu.

Ikeya, Noriyuki. I am continuing to work on the database of Japanese Ostracoda with members of the Japanese Society of the Study of Ostracoda (JASSO), which will be

completed by 2000. A CD-ROM will be issued on the occasion of ISO 2001 at Shizuoka. While supervising six students on the taxonomy, ecology, and evolution of marine ostracodes, I am working on the administration as Dean of the combined Physical Science and Engineering College. Students and their topics: **Gengo Tanaka**, Natural history of littoral Ostracoda from the West Pacific; **Yuriko Nakao**, Phylogeny of Ostracoda by muscle arrangements on appendages; **Yusaku Kaseda**, Paleobiological study of the genus *Hemicytherura* (Ostracoda, Crustacea); **Masako Kato**, Taxonomy and faunal analysis of the littoral Ostracoda from Antarctica; **Hiromasa Kondo**, Cuticular structure of fossil and living ostracode carapaces; **Kiyotaka Hatanaka**, Classification of Hemicytheridae (Ostracoda) from Australia.

Irizuki, Toshiaki. I continue to work on two projects, 1) migration and speciation of Neogene ostracodes from Japan in association with global climatic changes, and 2) shell chemistry, taphonomy and paleoecology of Holocene ostracodes. This year I will investigate Recent Chinese marine ostracode faunas with **N. Ikeya**, **Wang Pingxian**, **Zhao Quan-Hong**, and **Zhao Bao-Chun**. I have one graduate student, **Katsura Yamada**, who is working on cyclic changes of late Pliocene ostracode faunas in northern Japan.

Ishizaki, Kunihiro. I am working on ostracodes from Late Cenozoic paleoenvironments. I am working on ostracodes from Kagoshima Bay and a supplementary study of ostracodes in the Sendai area, northeastern Japan.

Kamiya, Takahiro. I have an eight-month sabbatical this year and am visiting the UK (**Dave Horn**), Belgium (**Koen Martens**), Germany (**Dietmar Keyser**), Italy (**G. Bonaduce**) and the USA (**Tom Cronin**) from March to November 1999. I am working on two projects, 1) the phylogeny of cytheracean and cypridacean ostracodes based on DDP (Differentiation of Distribution pattern of Pore-systems), and 2) the phylogeny of some cytheracean ostracodes by mt-DNA analysis. I am working with several graduate students. **Hirokazu Ozawa** (D3) is working on the Recent ostracode faunas in the Sea of Japan, discussing the relationship of water mass structure and the faunas, both for Plio-Pleistocene and Recent, and will complete his doctoral thesis next January. **Toru Ishii** (D1) has completed his master thesis on the study of the phylogeny of species of *Loxococoncha* based on the DDP and its post-Miocene distribution around Japan. **Toshihiro Fujita** (M2) is studying the mode of molting of cytheracean ostracodes, *Ishizakiella* and *Spinileberis*, and has fantastic results on the regulation and cyclicity. **Takeharu Ishizaki** (M1) is working on the phylogenetic relationship of superfamilies of Podocopida by DDP. **Daisuke Higashi** (M1) is working on the Recent ostracode faunas in the inner bay and shallow marine environments of southeastern Asia. **Mayumi Obata** (M1) is working on the taxonomy, ethology, and population ecology of *Neonesidea* (Bairdiacea).

Tabuki, Ryouichi. I am studying 1) the ecology and taxonomy of reef ostracodes from the Ryukyu Islands, Japan, 2) the submarine cave ostracodes in the Ryukyu Islands, Palau Islands and Philippine Islands, and 3) predation scars on the carapaces of benthic ostracodes in the Ryukyu Islands. I am working with several graduate students. **T. Takamine** is writing a master's thesis on the ostracode fauna and sedimentary environment of the Pleistocene Chine Sand, Okinawa Island. **Y. Nikawadori** is writing a graduate thesis on the predation scars on carapaces of ostracodes from the Pleistocene Chine Sand, Okinawa Island.

Tsukagoshi, Akira. I am studying the segmentation (with **Andrew Parker**, Australian Museum) and homology of the urosome on Ostracoda. Recently I have concentrated my work on the soft anatomy of Platycopoda, which is good material for understanding the ostracode body plan. As a postgraduate student, I am describing brackish-water species from the mouth of the Obitsu River, Chiba Prefecture. This work will include descriptions of one new genus and three new species, along with seventeen genera and twenty-one species. I guide two postgraduate students: **Shigetaka Tamaguchi** (Institute of Geology, The

University of Tokyo) and **Yuriko Nakao** (College of Humanity and Sciences, Nihon University). **S. Yamaguchi** finished a study using molecular analysis to analyze the relationships of the genus *Ishizakiella* populations around Japan. He is interested in higher taxonomy of Ostracoda using molecular and morphological analysis. **Y. Nakao** is involved in research on the brackish-water ostracod and foraminiferal facies in the mouth of the Obitsu River, Chiba Prefecture, in view of seasonal and decadal changes. She will move to Shizuoka University after April 1999. I will be moving to Shizuoka University in April 1999.

Yajima, Michiko. I finished the Hilgendorf Exhibition at five museums in Japan. I continue to study the history of paleontology in order to introduce the new movement of history of paleontology in America and England since the 1970s and to establish a good base of ostracodology in Japan.

Yumoto, Michiaki. I have researched the influence of the ENSO (El Nino-South Oscillation) and global climate change upon tropical cyclone activity in the northwestern Pacific. I am now suspending my work on ostracodes.

JORDAN

Correspondent: S. H. Basha

No report submitted in 1999.

KOREA

Correspondent: Eui-Hyeong Lee <ehlee@kuccnx.korea.ac.kr>

Huh, Min. Min is working on (1) marine Miocene Ostracoda from the Korean Peninsula and its adjacent seas (East Sea, Japan, and Russian samples), (2) Quaternary Ostracoda using the cores from the East Sea (Sea of Japan), (3) Recent marine ostracodes as indicators of water pollution from the adjacent sea of Korean Peninsula, with Dr. **Schornikov** and Dr. **E. H. Lee**. General interests include paleoecology and paleobiogeographic research.

Lee, Eui-Hyeong. Eui is working on the ecology and taxonomy of Recent marine ostracods from shallow seas around the Korean Peninsula. This year I will finish a joint project with Dr. **E.I. Schornikov** and Dr. **Min Huh**, working on ostracods as indicators of water pollution from the east coast of Korean Peninsula. Other research interests: (1) Cenozoic marine and Mesozoic freshwater ostracods in subsurface cores from the continental shelves around Korean Peninsula, (2) Quaternary ostracods from the Cheju Island. [Editor's note: we thank **Dr. Lee** for volunteering this year to become Korea's CYPRIS country correspondent. Many thanks, Eui.]

LUXEMBURG

Correspondent: Karel Wouters <kwouters@kbinirsnb.be>

Meisch, Claude. Claude is continuing research on the systematics and geographical distribution of Recent freshwater Ostracoda of Europe and the Mid Atlantic Isles. A

comprehensive guide including descriptions, illustrations, and keys to the freshwater ostracodes occurring in western and central Europe is ready and planned to be published in 2000. The area of the synopsis covers the British Isles, France north of Lyon, the Benelux countries, Germany, Switzerland, Austria, Hungary, the Czech Republic, and Slovakia. A paper on the origin and evolution of the putative furca of extant Ostracoda is in preparation.

MEXICO

Correspondent: Ana Luisa Carreño <anacar@servidor.unam.mx>

Carreño, Ana Luisa. I am working with Recent marine ostracodes from the equatorial offshore Brazil (with **Joao Carlos Coimbra** Universidad Federal do Rio Grande do Sul). I continue my long-term research on Baja California Tertiary calcareous microfauna and microflora (Ostracoda, Foraminifera and calcareous nannoplankton). My teaching activities include advising a M. Sc. research project (**Guillermo, Alvarado V.**) on the lacustrine ostracods and the paleoenvironmental reconstruction of Laguna de Babicora, Chihuahua, Mexico with the collaboration of **Manuel Palacios-Fest** (Department of Geosciences, University of Arizona) and a bachelor's thesis on foraminifera and Ostracoda of the type locality of the Tepetate Formation, Baja California Sur, Mexico (**Guerrero-Arenas, Rosalía**).

Machain-Castillo, Ma. Luisa and **Gío-Argáez, F. Raúl** continue working on Quaternary ostracodes of the Mexican seas, especially in the diversity and distribution patterns of the continental shelf and coastal areas of Campeche Bay (with **W.A. van den Bold**). They are working on the distribution Atlas and Maps of the Ostracoda of Southern Gulf of Mexico and a project on microfossils (ostracodes, foraminifers and mollusks) assemblages of the *Thalassia* plains in the Yucatán Peninsula (with **P.R. Krutak, B.K. Sen Gupta** and **L. C. Anderson**). Teaching activities of María Luisa Machain-Castillo include supervision of **F. R. Gío-Argáez** in his PhD thesis entitled "Distribución y Ecología de los ostrácodos de la plataforma continental y zona costera del Estado de Campeche, México".

MOROCCO

Correspondent: Ratiba Bekkali

Nachite, Driss and **Bekkali, Ratiba** are working on (1) 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.(2) Holocene Ostracoda of the Alboran Sea with **A. El Hmaid** from Moulay Ismail Univ. (Meknes, Morocco). During the summer, D. Nachite worked in Bordeaux (DGO) with **P. Carbonel** on the freshwater Ostracoda from Saïss Bassin N. O. of Morocco.

Rossi, Abdelhmid. I am working on Lower Cretaceous Ostracoda of Atlantic mountains (Essaouira-Agadir Basin, Morocco).

THE NETHERLANDS

Correspondent: Dick Van Harten <hard@geo.vu.nl>

Bless, Martin. No report received.

Lissenberg, Theo. Theo is planning to describe Mesozoic ostracode faunas from a borehole in the eastern part of The Netherlands (Lower Cenomanian, Upper and Middle Albian, Aptian, Early Bajocian, and Late Toarcian). NIAG-TNO has decided to continue the activities of the Mesozoic foraminifer and ostracode department albeit in far lower gear than in the old days.

van den Bold, Willem. Willem's work on the synopsis of the Neogene and Quaternary ostracodes of the Caribbean was delayed owing to serious illness. He is on the mend now and hopes to be able to take up his studies shortly.

van Harten, Dick. Dick analyzed a marine fauna of a boring into the Eemian of Amsterdam (in cooperation with NIAG-TNO) and is working on Recent deep-sea ostracodes collected near whale falls in the Pacific (in cooperation with **Craig Smith** of Honolulu, Hawaii).

NEW CALEDONIA

Correspondent: --- open ---

Hoibian, Thierry. I began last year a survey about ecological distribution of actual ostracods from the Thio estuary, situated on the east coast of New Caledonia, from freshwater to marine coral reef environments, with the aim of comparing estuaries of the humid east coast, exposed to trade winds, and those of the drier west coast. I made progress in the study of the relation between seaweed and ostracod species (and other biotopes) of coral reef flats with the aim of paleoenvironmental reconstruction. I am working on a project concerning climatic incidences on benthic ostracod populations in transitional estuarine environments of the intertropical zone (with examples from the Thio estuary and the Nera delta - Bourail - New Caledonia). I am interested in the incidence of anthropogenic factors on ostracod distributions and short time evolution. I am completing a database on ostracods of the southwest Pacific and developing GIS for environmental survey (including ostracods).

NEW ZEALAND

Correspondent: Stephen Eager <Stephen.Eagar@vuw.ac.nz>

Eagar, Stephen. Stephen revisited Tarawa in the Republic of Kiribati (Gilbert Islands) to study the effects of the sewage discharge outlets on the environment. These are not as intense as might be expected with such a dense population as the facilities are flushed with sea water. The results of this work are being published in a book due out late in 1999. In addition, freshwater ponds were sampled, and some contained ostracods. Stephen went to the 28 SOPAC (South Pacific Applied Geoscience Commission) Conference hosted by the Federated States of Micronesia in Suva, Fiji where he presented a paper on "Ostracods from Tarawa: their place in the Pacific scheme of things". A new project on the ostracods from Funafuti, Tuvalu (Ellice Islands) looking at samples collected by SOPAC and himself. Work continues on Pleistocene marine faunas from eastern New Zealand. An inventory of all ostracod species is being prepared for a Millennial Symposium to be held in Wellington, New Zealand. An honors degree student, **Jane Atkinson**, is working on the sediments of Nabuca Reef flat in Suva Harbor, Fiji which have good ostracod faunas. She is looking at why the main channel is silting up, which may be related to the Suva earthquake of 1954.

Mason, Graeme. My present central pursuit (which I expect to be at the core of future work) is to develop and test a theory of the deep structural patterns to be found displayed in the Ostracoda. Peripheral to this project is work based on the New Zealand freshwater ostracods.

Swanson, Kerry. Kerry, along with **Thomas Jellinek**, represented the interests of ostracodology by participating in the GEOMAR sponsored "TASQWA" project which is to study hydrological and climatic change in the Southern Ocean over the last 200,000 years. The cruise on the research vessel 'Sonne' occurred in October and November of '98. As part of a joint effort with **Patrick DeDeckker** (ANU), the recovery of a number of living ostracods from the deep sea was a prime objective. To date we estimate we have about seventy podocopid species with soft parts, and about thirty myodocopid species. Thomas joined Kerry in Christchurch early in 1999 to begin the laboratory work associated with the dissection and photography of the podocopids. It is hoped that this part of the project will be ready for publication late in 2000. A series of cores from the Tasman Sea and Campbell Plateau were taken for ostracod paleothermometry amongst a raft of other studies by other specialists. Much of the information gathered will be presented at the 'Acheron Symposium' to be organized by Kerry, Thomas and **Gerrit van der Lingen** (GRAINZ), this meeting will be held in Westport in 2001. The individuals above will edit the conference proceedings which will be published within a year of the symposium. **Jane Guise** has started work on ostracods with Kerry. She will examine the biology and taxonomy of two species from the Avon and Heathcote Estuaries near Christchurch.

NIGERIA

Correspondent: Constance Moro

No report submitted in 1999.

NORWAY

Correspondent: --- open ---

Titterton, Rosemary. Since my move to Statoil, Norway I have had little chance to even see an ostracod. So, a very quiet year for me.

PAKISTAN

Correspondent: S. Farah Fatmi

No report submitted in 1999.

POLAND

Correspondent: Janina Szczechura <janina.s@twarda.pan.pl>

Klimowicz, Malgorzata. No information.

Krzyminska, Jarmila. Jarmila is engaged in her studies on Quaternary fauna (including ostracodes) from the southern Baltic Sea.

Malec, Jan. Jan continues his studies on the Lower and Middle Devonian ostracodes from the Holy Cross Mountains, as well as work on the Upper Silurian ostracodes of this area.

Namiootko, Tadeusz. Tadeusz, after six-month stay in Chatham (from December 1977 to

June 1988), where he was contributing to the development of the NODE database (Nonmarine Ostracod Distribution in Europe), coordinated by **David J. Horne**, continues his work on ecology, taxonomy and distribution of living and subfossil (Quaternary) European nonmarine ostracodes. Works in progress: 1) Changes in Holocene assemblages of profundal lacustrine Ostracoda due to eutrophication process; 2) Morphology, geographical distribution, and ecology of *Cryptocandona* species (with **Dan L. Danielopol, Pierre Marmonier and Angel Baltanas**); 3) Pleistocene ostracodes from lacustrine chalk of Krukłanki, Northern Poland (with **Janina Szczechura**).

Nehring-Lefeld, Maria. Maria is retired; however, she completes data on Devonian ostracodes from Poland, which will be presented in the Atlas of the Devonian fossils from Poland.

Olempska, Ewa. Ewa continues her work on Devonian entomozoaceans from the Holy Cross Mountains, and, at the same time, she examines Palaeozoic *Microcheilinella* species and its relationship to Mesozoic *Cardobairdia*. In cooperation with **Janusz Blaszyk**, she works on Callovian ostracodes from Lukow outcrop, eastern Poland.

Paruch-Kulczycka, Jolanta. Jolanta is busy with preparation of exhibitions, including microfossils, in the Geological Museum of the Polish Geological Institute, in Warsaw. She expects to continue her studies on the Middle Miocene ostracodes of Poland.

Sell, Jerzy. No information.

Smolen, Jolanta. Jolanta collected freshwater ostracodes of uppermost Jurassic (Tithonian) from boreholes, from northwestern Poland. Now she is curator of the Jurassic microfaunal collections in the Polish Geological Institute, in Warsaw.

Sywula, Tadeusz. No information.

Szczechura, Janina. Janina is dealing with the Middle Miocene ostracodes of the Carpathian Foredeep, in collaboration with **Giuseppe Aiello**, of the University of Naples, who stayed for seven month in the Institute of the Polish Academy of Sciences, in Warsaw. Of ostracodes collected from the upper part of the Middle Miocene of the Upper Silesias, more than one hundred ostracode species are recognized. Their taxonomy, origin and environment are the main problems to be resolved. She works with **Tadeusz Namiotko** on the subfossil (Pleistocene) lacustrine ostracodes of northern Poland. Paper is almost ready to be printed, concerns Middle Miocene ostracodes from boreholes from the Carpathian Foredeep, containing typical, known bathyal forms as well as those characteristic of areas with hydrothermal seeps. She is supervisor of a Ph. D. thesis by **Julia Didenko** (Museum of Natural History, in Lvov) on Upper Cretaceous ostracodes from Ukraine (so far, ostracodes collected are from deep-water and are known from other areas of Europe).

ROMANIA

Correspondent: Radu Olteanu <geol@igr.sfos.ro>

Olteanu, Radu. During the second Romanian National Symposium of Paleontology (October 1999) I will present a new paper: "The Kimmerian ostracodes and Ponto-Caspian bioprovinces problem. A critical view" (in Acta Paleontologica Romaniae, nr.2, Univ. Babeş-Bolyai, Cluj). I am working on a sharp and fragile problem about the taxonomy, systematics, and classification of Limnocardiiids (Bivalvia) from Sarmatian to Recent. Recently I finished a work (247 pages) about the ostracodes and mollusks from a Neogene brackish water facies from Ponto-Caspian areas (including the Carpathian area).

RUSSIA

Correspondent: L. M. Melnikova <lmelnik@paleo.msk.su>

Abushik, Anna. Anna prepared papers on Silurian ostracodes and the Early Devonian leperditicopids, both contributed to the monograph on Severnaya Zemlya that will be published in *Geodiversitas* in Paris. This work was made under the IGCP Project 406 "Circum Arctic Palaeozoic Vertebrates". She is working on Silurian ostracodes and Devonian leperditicopids from the Kotelny Island (Novosibirsk Islands, northeast of Russia).

Aladin, Nick. This year I am studying osmoregulation of Ostracoda from the Caspian and Baltic Sea. I am studying Ostracoda shells from short cores collected from Caspian and Aral Seas and from some karstic lakes in Tatarstan. I am working with about two hundred cores from the Aral Sea collected by Russian Ecological Survey in 1990-1991.

Chavtur, V.G. I am Head of Laboratory of Planktonology. During past year I was busy with preparation of papers on the pelagic ostracodes of the subfamilies Halocypridinae and Euconchoecinae from the North Pacific. I finished the investigation on the morphological variability of closely related species of the genus *Halocypris* on materials from tropical and subtropical zones of the Pacific, Indian and Atlantic Oceans. Now I have started preparing a voluminous paper on the revision of pelagic ostracods of the new tribe Metaconchoecini.

Evdokimova, Irina. Irina prepared the paper on Early Devonian non-leperditicopids contributed to the monograph on Severnaya Zemlya (Russia) that will be published in *Geodiversitas* in Paris. This work was made under the IGCP Project 406 "Circum Arctic Palaeozoic Vertebrates". Irina is working on Frasnian ostracodes from the Main Devonian Field, northwest of the Russian platform (taxonomy, biostratigraphy, palaeoecology), and Devonian ostracodes of Kotelny Island (Novosibirsk Islands, NE Russia).

Kukhtinov-Saratov, D. During 1998 I completed: 1) analysis of possibilities and detail studying of interregional correlation of continental deposits of the Upper Permian and Triassic of Eurasia on the basis of ostracode fauna; 2) peculiarities and causes of change in Ostracoda fauna at the boundary of the Permian and Triassic; general cause of the complexes - change from **Darwinula** to **Suchonella** in the first case and full inversion in the second; 3) study of marine ostracods from the Upper Permian (Kazanian stage) and Moscowian stage of the Southern part of the Russian plate (with student **A. Apostolov**).

Melnikova, Mila. My research activities include research on Ordovician ostracods of the East-European Platform (Leningrad district, continuing work), Taimyr Peninsula and Middle Asia. I, along with **E. D. Michailova**, prepared for publication two papers in which characteristics and comparison of the Archalyk and Minkuchar ostracods assemblages from the Zeravshan-Gissar Mountain Region are given (based on the key section Shakhriomon - II). The Archalyk assemblage is represented by fifteen species and Minkuchar includes twenty-five species.

Michailova, Elena. Elena studies Ostracoda associations, paleoecology, and biostratigraphy of Upper Silurian and Lower Devonian deposits from folded framing of Turan platform.

Neustrueva, Irina. Irina is working on Paleozoic and Mesozoic limnic Ostracoda.

Nikolaeva, Irina. Irina is working on Paleogene ostracodes from the Northern Caucasus region: paleoecology and application in the stratigraphic zonal schemes.

Savelieva, Julia. Julia is working on the Upper Cretaceous and Paleogene ostracods from

Tetis. She is working on collections of Cretaceous and Paleogene ostracods from Crimea and Turkmenistan (Maly Balkhan).

Schornikov, E.I., Sci., continues his research on ecology, morphology, and taxonomy of ostracods. Dr. Schornikov is investigating ostracods in the following topics: 1) monographic research of Paleozoic Bythocytheridae; 2) heterochrony and morphological evolution of ostracods, 3) Ostracoda - indicators of conditions and dynamic of water ecosystems; 4) Ostracoda of Sea of Japan. Dr. Schornikov is working with **D. A. Sokolenko**, a postgraduate student (see the report below) and with **J. A. Pykhtina**, a post-graduate student who is studying Ostracoda of Candonidae family of the southern Primorye Territory, (Maritime Province).

Sobolev, Dmitryi. Dmitryi completed his Ph.D. on Tournaisian ostracods of the northeastern European part of Russia.

Sokolenko, D.A. I am a post-graduate student working on Ostracoda as indicators of conditions and dynamic of water ecosystems (on examples of several areas of Peter the Great Bay, Sea of Japan). I am working on ostracods as indicators of anthropogenic influence in ports of southern Primorye Territory, Russia, and researching ostracodes of the Sea of Japan.

Tesakova, Ekaterina. Ekaterina is currently writing her Ph.D. on the Jurassic ostracodes of central parts of Russian Platform, which she hopes to complete by September 1999.

Tschizhova, Vera A. My work is focused on monographical study of the Tournaisian ostracods of the eastern part of Russian Platform.

Zenkova Galina G. I have prepared for publication two papers: 1) ?Silurian ostracodes from the central part of Ufa Amphitheater? in which ostracode associations from the Landoverian, Wenlock and Ludlow stage of Western slope of the Middle Urals in the central part of Ufa 5 Amphitheater are examined; seven new species are described. 2) ?Pridolian ostracode from the central part of Ufa Amphitheater, in which ostracode associations from the Pridolian Stage of Western Slope of the Urals in the central part of Ufa Amphitheater are examined; seven new species and one known species are described. Biostratigraphic ostracode subdivisions are distinguished in the Silurian and Lower Devonian beds of this territory and their correlation with provincial zones.

SLOVAKIA

Correspondent: --- open ---

No report submitted in 1999.

SPAIN

Correspondent: Julio Rodriquez-Lazaro <gpprolaj@lg.ehu.es>

Baltanas, Angel. Angel is dealing with results from the activity developed in the EU-project on 'The Evolutionary Ecology of Reproductive Modes in Nonmarine ostracods'. He is involved in morphometric analysis of nonmarine ostracods and a project on morphometry of *Mixtacandona* species and its evolutionary significance (together with **Dan Danielopol**). Another research topic is based on reproductive strategies of ostracods living in temporary habitats. A simulation analysis of bet-hedging strategies in ostracods is done together with **Laura Arqueros**. Angel has the following students: **Paloma Alcorlo**, **Laura Arqueros**,

Marina Otero.

Civis-Llovera Jorge. Jorge is working with Neogene to Quaternary continental and transitional ostracods from the Duero and Guadalquivir Basins (W and SW Spain). Ostracod assemblages and isotopic analyses of carapaces are used for biostratigraphic and palaeoecologic interpretations of these basins. Jorge has the following student: **Luis de Luque-Ripoll**, who is starting a thesis that partially deals with Pleistocene continental and littoral ostracods from the Betic Ranges (S Spain), under the supervision of **J.L. Goy** and **Jorge Civis-Llovera** (University of Salamanca).

Gabas i Gasa, Montse. Montse is preparing her PhD thesis on Quaternary from the Baza Basin (S Spain). Under supervision of Dr. **Pere Anadon** (Barcelona), she is working with geochemistry of continental ostracods from the Baza Basin.

Gonzalez Porta, Jordi. Jordi is working in two projects related to palaeolimnology of ostracods: 1) Ostracods from the Albufera des Grau (Menorca, Balearic Islands), with the study of a 10 m core of Holocene sediments, 2) with several cores from the Recent, within a European project about eutrophication in European lakes.

Gonzalez-Regalado, Mary Luz and Ruiz-Muñoz, Francisco. Mary Luz and Francisco are involved in the following topics: (1) Ostracod distribution of the estuarine Holocene from the SW Spain. (2) Recent ostracods of the outer-shelf and talus from the Gulf of Cadiz, SW Spain. (3) Ostracods as palaeoenvironmental indicators: pollution, storms, earthquakes etc. (4) Freshwater ostracods of Doñana National Park (SW Spain).

Gozalo, Rodolfo. Rodolfo 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-Schallreuter**.

Mezquita-Juanes, Francesc. Francesc successfully obtained the doctoral degree in December-1998 with the Ph.D. entitled "Ecology of ostracods from springs, rivers and lakes on the eastern Iberian Peninsula". Funding to continue working on ostracods is not available at the moment, but he applied for a post-doctoral fellowship to work at a British laboratory for one or two years. He is collaborating with colleagues from the Department of Ecology of the Univ. of Valencia (**J. R. Roca, J. Rueda, R. Oltra, M.R. Miracle, A. Sanz, T. Camacho, D. Boronat**), the Univ. of Barcelona (**J.L. Pretus, J. Gonzalez**), the Institute of Earth Sciences Jaume Almera, Barcelona (**R. Julia**), and the Univ. Cath. Louvain (**G. Wansard**). Studies in progress are related to ostracod community ecology from Spanish lakes; the biogeography and community ecology of ostracods in water bodies of the Balearic Islands; the population ecology of *Cyclocypris ovum* in Lake La Cruz and *Cyprideis torosa* in the Salines of Santa Pola; Holocene ostracods as palaeoecological indicators in some European lakes; seasonal changes in populations and trace elements of ostracods in a freshwater spring.

Otero, Marina. Marina is finishing her Master Thesis on the life history of *Eucypris virens*.

Roca-Rosell, Josep. Josep is continuing research on (1) Late Holocene ostracods from limnocene karstic systems, together with **Guy Wansard** (University of Louvain); (2) influence of water temperature and water chemistry on developing and trace element incorporation of several species of the genus *Herpetocypris*, in collaboration with **Guy Wansard** and **Francesc Mezquita** (University of Valencia).

Rodriguez-Lazaro, Julio. Julio is working with the following topics: (1) Cenomanian ostracods and isotopic signals in the Leioa section (Basque Basin). (2) Taxonomy and

palaeoecology of Quaternary ostracods from the Little Bahama Bank. The genus *Krithe* and its potential in palaeoceanography (both with **Tom Cronin**, USGS, Reston, USA, and others). (3) Pliocene lacustrine ostracods from Villarroya (Spain), with **Pere Anadon**, CSIC Barcelona, and other colleagues. Isotopic and trace elements analysis of the ostracods for (palaeo) hydrological characterization. (4) Quaternary ostracods from the Gernika Estuary (Bay of Biscay), with **Ana Pascual** and **Fernando Caballero** (University of the Basque Country). (5) Turonian ostracods from the Basco-Cantabrian and Anglo-Paris basins: comparative study (with **Ian Slipper**, **David Horne**, **Andrew Gale**; Greenwich Univ.). Future work: (1) The genus *Krithe* from the Bay of Biscay (with **Pierre Carbonel** and other colleagues from Univ. of Bordeaux). Julio has the following students: **Maite Martin** is preparing a thesis on Neogene to Recent lacustrine ostracods from the Ebro Basin (N Spain), testing the potential for isotopic analysis of ostracod valves to refine palaeoenvironmental reconstruction in this basin. **Fernando Caballero** has started a thesis on the Holocene of the Gernika Estuary (Bay of Biscay), dealing with microfaunas (ostracods, forams) and high resolution stratigraphy to test palaeoenvironmental evolution and anthropogenic effect in this estuary.

Sanchez de Posada, Luis. Luis 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 (NW Spain) and Cambrian ostracods from the Ossa Morena.

SWEDEN

Correspondent: --- open ---

Majoran, Stefan. Stefan will move to Copenhagen, Denmark, in the summer of 1999 and plans to stay there for two years to work with **Richard Dingle**. He is financed by a Postdoctoral fellowship provided by the Carlsberg Foundation and will be working on Tertiary deep-sea ostracods of the South Atlantic and the Southern Ocean.

TUNISIA

--- open ---

No report submitted in 1999.

TURKEY

Correspondent: Nuran Sonmez-Gokcen

Altinsacli, Selcuk. I am working on the ecology, taxonomy, and biogeographical distribution of freshwater, brackish and marine ostracods in the Biology Department of Istanbul University. I have finished the project entitled "The Freshwater Ostracoda (Crustacea) Fauna of Lake Kus (Manyas) and Zoogeographical Distributions". I am working with the freshwater Ostracoda (Crustacea) fauna of Lake Camici (Bafa).

Kilic, Mustafa. I am working marine ostracods in seas of Turkey (Black Sea and Mediterranean Sea).

The UNITED KINGDOM of GREAT BRITAIN and N. IRELAND

Correspondent: Ian Slipper <I.J.Slipper@gre.ac.uk>

Ainsworth, Nigel Richard. My main activity concerns my constancy work on the litho- and biostratigraphy of the Mesozoic basins of Northwest Europe, especially the North Sea and Atlantic Margins of Britain and Ireland. I am involved in the following research activities: 1) Statistical analyses using Ostracoda, in conjunction with wireline logs (with co-worker **David Melnyk**), 2) Ostracod and foraminiferid color change by thermal alteration in offshore and onshore sections, 3) Lower Jurassic Ostracoda from the western margins of Scotland (with co-worker Ian Boomer), and 4) Stratigraphy of the Britannia Field Reservoir (Late Barremian – Late Aptian), UK North Sea (with coworkers **Les Riley, Liam Gallagher, Hayden Bailey**).

Athersuch, John A. All my time is taken up with StrataData business. We have released version 1.5 of StrataBugs, our biostratigraphic data management software.

Bate, Ray. 1998 was spent completing a large project dealing with Lower Cretaceous lacustrine sediments of the onshore/offshore Kwanza Basin (Angola). A large number of new ostracod species have been identified and it is hoped to be able to find sufficient time to write these up for publication. Hopefully during 1999. Current work in progress is as outlined above with respect to the two major faunal provinces of northern West Africa/Brazil (Gabon/Reconcavo) and southern West Africa/Brazil (Angola/Campos). This research falls within the remit of IGCP Project 381 on the Mesozoic of the South Atlantic. I have written a stratigraphical paper on the lacustrine sediments of the Kwanza Basin and am waiting for industry approval.

Boomer, Ian. I am working on the following projects: 1) Use of microfossil assemblages to reconstruct past environmental changes qualitatively and quantitatively. This is within the context of continental, saline lakes (Iberian Peninsula, Caspian Sea, Black Sea, Aral Sea, Lake Balkhash), 2) Establishing quantitative relationships between ostracod species and the physicochemical parameters of their environments as an aid to qualitatively reconstructing past hydrological conditions and monitoring modern habitats, and 3) Various aspects of Jurassic marine and nonmarine Ostracoda. Current work in progress includes: 1) Recently established links with French research groups to work on late Quaternary history of the Caspian and Black Seas, 2) Holocene evolution of the Lincolnshire marshes (with **BGS & Reading**), 3) Early Jurassic Freshwater environments in NE Italy (with **Aberystwyth & Ferrara**, Italy), 4) Late Holocene environmental change in N African lakes (CASSARINA – with **UCL & Bergen**), 5) Establishing research program with Liverpool on Tibetan Lake records, 6) Continuing research activities relating to North Norfolk Holocene sedimentary record, 6) Ongoing research assisting with revision of Treatise on Invertebrate Paleontology with **Whatley (Aberystwyth)**, 7) Research links with **Nigel Ainsworth** on Early Jurassic micropalaeontology and environments of the Hebrides Sea, and 8) Departmental research links on Portuguese Holocene estuarine sites, Nonmarine Quaternary deposits from English Midlands, Quaternary to Recent records of Ostracoda from caves in northern Britain and high resolution UK Holocene climate records.

Frogley, Michael. I hold a Research Fellowship at St John's College, Cambridge. This year I have concentrated on consolidating and publishing the results from a palaeoclimatic investigation of a 600ka, 319m lacustrine sequence from NW Greece. This includes details

of the previously undocumented modern and Late Quaternary ostracod fauna from the lake (including several endemics), which I am compiling with **Huw Griffiths**. In addition, ongoing work from the site includes the improvement in resolution of the last glacial - Holocene stable isotopic record derived from ostracod shell calcite, being carried out in collaboration with **Tim Heaton** of the NERC Isotope Geosciences Laboratory in Keyworth, Nottingham.

Horne, David J. I am currently working on the following projects: 1) Phylogeny of marine and brackish water ostracod lineages, collaborative project currently being developed with Dr **T. Kamiya** (Kanazawa University, Japan) who is spending two months working at the University of Greenwich, April - June 1999. 2) Purbeck-Wealden (Jurassic-Cretaceous) Palaeoenvironments and Biostratigraphy; chapter for new "Biostratigraphical Atlas of British Ostracoda" (in press, publication due 1999); Collaborative work on Purbeck-Wealden ostracod palaeobiology with Dr **K. Martens** (Brussels) continues; contributed to review of Purbeck palaeoclimates by **P. Allen** (Reading University). Currently preparing papers on Purbeck-Wealden ostracod palaeoecology; 3) Supervising a Ph.D. student, **Alasdair Bruce**, on Holocene microfaunas and the evolution of the Fleet (Dorset); (co-supervisor **J.E. Whittaker**, Natural History Museum), completion expected May 1999; 4) Part of Acciones Integradas project (see under **Ian Slipper**), and 5) I will contribute to a workshop session on living ostracods (biology, ecology, behaviour) at the American Geophysical Union Spring Meeting in Boston, Massachusetts, May 31-June 4, 1999 (Workshop on ostracod biology, ecology and paleoecology for a better understanding of ostracod shell geochemistry, organized by **P. De Deckker, T. Cronin & J. Holmes**).

Johnson, Nicola A. I am over halfway through a 3 year work contract with the British Antarctic Survey in Cambridge as a Geological Data Assistant (which started at the beginning of July 1997). The job remit is to update, maintain and develop the use of BAS' central geological database using Oracle and Microsoft Access, with a view to GIS and Web manipulation/presentation of the data in the future. I have no current ostracod work at present as I am concentrating on my job. I expect to find time in the future to continue my interest in ostracods (I am becoming particularly interested in Antarctica and any ostracods that live there!).

Lord, Alan R. No ostracod work in last year other than editing ISO97 papers (see below). I am writing-up Pleistocene/Holocene boundary ostracods from Skagen, N. Denmark. I am working on papers with Dr **C. Arias** (Spain) and Dr **D.J. Horne**, and special issue of Marine Micropaleontology edited with Dr **I.D. Boomer** on 'Ostracoda and Global Change.' I am working with a master's student, Mr **I. Hawkes**, who is working on Holocene ostracods from a lake in the Nile Delta.

Miller, C. Giles. My research on ostracods has not progressed rapidly this year mainly because much of my research time has been spent on conodonts. I have had time to illustrate some particularly beautiful palaeocopes from the Wenlock (Silurian) of the Canadian arctic and plan to publish on them in the near future. I continue to curate the Natural History Museum's ostracod collections as part of my job.

Slipper, Ian J. The Spring of 1998 saw the start of an Acciones Integradas project, together with **Julio Rodriguez-Lazaro, Ana Pascual** and **Xavier Elorza** from the Universidad del Pais Vasco, Bilbao, and **David J. Horne** and **Andy Gale** from the University of Greenwich. The project compares the Turonian ostracod faunas of the Anglo-Paris and Basco Cantabrian Basins. Initial field work and sample collection was undertaken in Sussex and northern Spain. As secretary of Ostracod Group, I co-organized the 1998 spring field meeting, with the assistance of **Alasdair Bruce** we visited his Ph.D. localities of the Fleet. **Roy Clements** also led us for a day of the classic Purbeck/Wealden section at Durlston Bay. Thank you from the Ostracod Group for your help. The summer of 1998 saw students from local

schools with Nuffield Science Foundation bursaries working in the micropaleontology laboratories looking at Ostracoda in Turonian samples from Germany. The delivery and commissioning of a new environmental chamber SEM in the School of Earth and Environmental Sciences has kept me busy with users wanting to discover the delights of low vacuum SEM. Trying to find time for own research has been difficult. March 1999 saw the start of a collaborative project with **Takahiro Kamiya** and **David J. Horne** on the phylogenetic position of certain key ostracod taxa using pore mapping techniques. I am working on the task of converting my thesis of Turonian Ostracoda from S.E. England into a monograph for the Paleontographical Society. My survey of Gault Clay (Albian) ostracods from Folkestone, Kent is nearing completion, and the results will appear in the forthcoming Palaeontological Society's Book, 'Fossils of the Gault' edited by **Jeremy Young**, **Jackie Skipper**, and **Andy Gale**. A return to my undergraduate project area of Isle of Wight Oligocene ostracods is part of a study investigating depositional environments and glauconite formation with **Andy Gale** and **Jenny Hugget**.

Wilkinson, Ian P. Much of my time during the last year has been spent working on Foraminifera and projects that do not involve ostracods. However, a small project on an unusual occurrence of late Jurassic ostracods (and foraminifers), brought to the surface from depth by a series of cold water springs in southwestern England, has been prepared for publication. A second project currently underway concerns late Aptian ostracods from southern England. I have been working on a couple of boreholes from the North Downs, just to the south of London, and the information has been added to my database. I have been gradually collecting data for a few years and hope that a publication on Aptian assemblages from the Wessex Basin-Weald-Woburn area will be forthcoming. Finally, a series of boreholes from the type area of the old "Selbornian" (Albian) have yielded Foraminifera, Radiolaria and a few ostracods, all of which are being worked on with a view to publishing.

UNITED STATES OF AMERICA

Correspondent: Pamela Borne Blanchard <PamB@lsu.edu>

Blanchard, Pamela Borne. I finished my Ph.D. at Louisiana State University (Baton Rouge) in May 1998 under the direction of **Joe Hazel**. The title of my dissertation is "Pliocene and Pleistocene Marine Ostracoda of the Limón Basin, Costa Rica: A Record of Paleoenvironmental Change". I am employed as an Assistant Professor of Research at LSU for the Louisiana Sea Grant College Program and am coordinating their marine education program.

Briggs, Bill. Bill is working on ostracodes in box cores from the Western Arctic Ocean and Chukchi Sea; Shelf and Atlantic water ostracodes from the Canadian Arctic Archipelago.

Brouwers, Elisabeth. Elly has been occupied with administrative tasks related to running the Central Region of the Geologic Division, USGS in Denver. This is a great learning experience, providing some great insights into how other USGS groups such as Water Resources, Biological Resources, and the National Mapping Divisions, as well as working on opportunities on interdisciplinary project work. In the little time available for ostracode work, I am working on a CD-ROM that has a chapter on Paleogene ostracodes from Pakistan and a chapter on modern ostracodes from Rio Que Quen, Argentina. In addition, I am doing biostratigraphic zonation for Tertiary ostracodes from South Florida related to studies of the aquifer system and providing reconstructions of aquatic biological systems on an historical time scale for a watershed in Colorado severely impacted by hard rock mining and the consequent acid mine drainage and metal loading.

Cohen, Anne C. I am working on manuscripts describing Caribbean myodocopids that perform bioluminescent mating displays and the evolution of bioluminescence in the Cypridinidae, as well as the Treatise post-Paleozoic Myodocopida. I am writing [with assistance from **Dawn Peterson**] the Ostracoda section for the next [fourth] edition of The Light and Smith Manual [Intertidal Invertebrates of the Central California Coast], edited by **James T. Carlton**, and would be grateful for any information or advice on that topic.

Cronin, Tom. My current research is on Holocene climate and ecosystem history of Chesapeake Bay and Florida Bay, as well as shell chemistry of *Loxoconcha* and *Peratocytheridea*, deep-sea *Krithe* Mg/Ca shell geochemistry and Quaternary paleoceanography (with **Gary Dwyer** and **Baker** at Duke University). I am working on deep-sea Quaternary ostracodes with **Julio Rodriguez-Lazaro**, the tropical Neogene with **Pam Blanchard**, and Antarctic ostracodes (helping **Masako Kato** of Shizuoka). In addition, I am teaching a climate change course at George Mason University (GMU). A book developed from the GMU course, called "Principles of Paleoclimatology" is due out (Columbia University Press) in June 1999. I have two students working with me, **Alex Karlsen** (GMU master's on Chesapeake benthic Foraminifera) and **Sarah Gorden** (Penn State University master's on Chesapeake Bay sedimentation).

Curry, Brandon. I have been busy with our new theme at the Illinois State Geological Survey: geologic mapping. I try to maintain a modicum of research regarding ostracodes, paleohydrology, and paleoclimate, but these do not quite fit into our main program. Work involving ostracodes that is in progress includes examination of two Holocene lacustrine records, and several near-glacial sites in Illinois. The latter investigations emphasize fine-tuning the chronology of deglaciation of the Lake Michigan Lobe. I have been working with Dr. **Feng Shen Hu** (a new faculty member here at the University of Illinois at Urbana-Champaign) on ostracode and biogeochemical records from Alaska. I have been working with **Emi Ito** on understanding the population dynamics and biogeochemistry of common pond-dwelling ostracodes in Champaign, Illinois. I was a reader for **Jason Mann's** master's thesis (under Dr. **Jim Teller**, University of Manitoba) entitled "Using ostracodes and sediments in paleolagoons behind the Upper Campbell beach of glacial Lake Agassiz to reconstruct its history during the Emerson Phase" (1999, 293 p.). Jason used ostracodes to help him reconstruct environments in a paleolagoon environment associated with Lake Agassiz.

Forester, Rick. My current work involves using ostracode species assemblages from various cores in the Great Basin and other data sets, such as diatom species assemblages, stable isotope profiles, and plant macrofossils from packrat middens, in collaboration with many colleagues, to estimate the general characteristics of climate for the next 10,000 years in southern Nevada. The climates include the modern climate, strong monsoons, and a glacial transition. The characteristics of the climates are derived from analog meteorological stations and those station data used as input to an infiltration model. The infiltration model output feeds a performance assessment model that evaluates the suitability of Yucca Mountain Nevada as a geologic repository for high level nuclear waste. Other work includes looking at ostracodes from cores and outcrops covering the Holocene and the Quaternary from throughout the Great Basin of the USA.

Hays, Karen. Karen is a graduate student of **Emi Ito**. She is working on the laboratory calibration of stable isotope and trace element fractionation by lacustrine ostracodes, a collaborative study with **Alison Smith** and **Rick Forester**.

Hazel, Joe. I have been working on organizing and curating collections, and trying to set up a website that would, in part, be a clearinghouse for stratigraphic information, including North American ostracodes. But it goes slowly. I had one student complete her doctoral dissertation this past year, **Pam Borne Blanchard**.

Ito, Emi. I am working, with **Alison Smith** and **Rick Forester**, on the calibration of lacustrine ostracode shell chemistry. My student **Karen Hays** is about to start culture work on several "common" lacustrine nektonic and benthic species. Field collection of ostracodes from lakes and wetlands of different hydrochemistry is continuing. I am working on a stable isotope and trace element study of fossil ostracodes collected by **David Williams** from Matanuska Valley in Alaska. This study is progressing slowly, as is the study of fossil ostracodes from Lake Zeribar, Iran (collected nearly 40 years ago by **Herb Wright**). The latter is being carried out by **Lora Stevens** with the assemblage study being carried out by **Antje Schwalb** and **Huw Griffiths**.

Kaesler, Roger. I continue to serve as Director of the Paleontological Institute, Editor of the Treatise on Invertebrate Paleontology, and Curator-in-Charge of the Division of Invertebrate Paleontology of the Natural History Museum. I am Professor of Geology and teach courses in paleontology, micropaleontology, and paleoecology. Next year I am scheduled to teach for the first time an introductory- level course entitled Prehistoric Life, which will be geared for students who do not plan to pursue a degree in geology. As a co-author, I am working on a textbook on historical geology in my spare time. **W. Scott Heath** is preparing a magisterial thesis on taphofacies analyses using microfossils. He is basing his study on the highly fossiliferous Hughes Creek Shale Member of the Foraker Limestone in east-central Kansas, an Upper Carboniferous unit. **Karin Fischer** is preparing a magisterial thesis on the ostracode fauna of the Beil Limestone Member of the Lecompton Limestone, a highly fossiliferous Upper Carboniferous unit in east central Kansas. Several other students are working on theses and dissertations that do not deal with ostracodes. I have three doctoral students who are working outside the area of ostracodes and three magisterial students, one of whom is not working on ostracodes. My own research and writing are directed largely toward the development of databases in paleontology, although I do some work on late Paleozoic ostracodes from rocks of the mid-continent of North America. Well underway is volume 2 of Part H (Brachiopoda, revised) of the Treatise on Invertebrate Paleontology, publication of which is expected in mid-1999.

Kontrovitz, Mervin. I continue with studies of the taphonomy of ostracodes and Foraminifera. Currently, I am working on shell ornamentation and differential transport as applied to ostracodes and other shelled groups. I have one student, **Chris Sampagnaro**, who is working on the taphonomy of agglutinated foraminifera.

Krutak, Paul. Although I am nearing retirement in June 1999, I have a strong interest in modern ostracodes of Mexico. I am pursuing these interests by applying for a W. Storrs Cole Memorial Fellowship from the Geological Society of America for 1999-2000. If successful, I will work on epiphytal and carbonate-sand interstitial ostracodes from the Laguna Chunyaxche and the Bahía Emiliano Zapata along the northeastern Yucatán Peninsula. The work will be done jointly with the academic and administrative staff of the Instituto de Ciencias del Mar y Limnología at Universidad Nacional Autónoma de México in Mexico City. This work will be done in collaboration with **Dra. Maria Luisa Machain-Castillo** and **Men C. Raul Gio-Argáez** at their branch research station at Puerto Morelos, Quintana Roo. In April 1999, **Raul Gio-Argáez** and I will be presenting a pre-convention American Association Petroleum Geologists field trip, "Reefal Development in a Terrigenous Province – Veracruz/Anton Lizardo Reefs, Mexico". Upon retiring, I plan to remain active as a consultant in geology and micropaleontology. I will be named Emeritus at Fort Hays State University and periodically will serve on committees here in Hays. My wife and I will maintain our residence in Colorado.

Kuglitsch, Jeff. I am a conodont worker who has been seduced by ostracodes. I am working with **Dr. David L. Clark** at U.W.-Madison (Silurian conodont biostratigraphy and conodont strontium isotope stratigraphy). My current work involves completing a detailed description of an ostracode fauna from the lower Silurian (Aeronian) Burnt Bluff Group of the Michigan

Basin. My other interests include Upper Ordovician ostracodes and Silurian conodont biostratigraphy.

Kulkoyluoglu, Okan. I am enrolled in the Ecology, Evolution and Conservation Biology program at the University of Nevada, Reno. I am working on my Ph.D. dissertation, which I expect to finish by May 1999. The title of my dissertation is "Taxonomy, Ecology and Biogeographical distribution of spring dwelling Ostracoda (Crustacea) in Nevada". This study is interesting from different ways and aims to (1) complete an extensive (over 200 sites) taxonomic survey on spring ostracodes in Nevada; (2) to present both quantitative and qualitative description of the ecology of spring ostracodes; (3) to estimate their biogeographic distribution in Nevada, and (4) to study the conservation status of natural spring habitats in Nevada. Results show that species diversity and richness of these isolated spring habitats are relatively high. Results suggest that an immediate conservation plan must be taken to protect the spring habitats. One other interesting part of this study is that I am using nested subset analyses and the model of the island biogeography theory to understand the historical relationship between species distribution and diversity in the Great Basin area. Last year was not good for me in that my major advisor **Dr. Gary L. Vinyard** (49) passed away after a sudden heart attack.

Lambert, Pierre. I have been working on Mg/Ca and Sr/Ca analyses of Late Holocene ostracode shells from Crimea (Lakes Saki and Chokrak).

Lundin, Robert. Robert is working on the revision of Jones' (1889) nonpalaeocope ostracodes from the Llandoveryian red beds of Gotland (with **Harry Birkmann**) and nonpalaeocope ostracodes from the Silurian sequence of Gotland (also with **Harry Birkmann**). **Harry Birkmann** has completed his dissertation entitled "Podocope, metacope and platycoppe ostracodes from the Silurian of Gotland: shape analysis, biostratigraphy and systematics".

Oakley, Todd. I am working a molecular phylogenetic study of ostracods focusing on family/subfamily relationships in Myodocopa. I have used the rDNA gene 18S with good success, and I plan to add more genes soon. This phylogeny supports the claim of Parker (1995) that compound eyes have originated in myodocopids independently of all other arthropods. To further test the independent eyes hypothesis, I am examining genes involved in vision. The first such candidate is the opsin gene family. I am currently characterizing opsins of the bioluminescent species, *Vargula hilgendorffii*. I will characterize opsins from the other four myodocopid families, and podocopid and non-ostracod outgroups. The evolutionary history of this gene family should allow further testing of the independent eyes hypothesis.

Park, Lisa. This year I did field work in Lake Tanganyika, the Paleogene of Oman and in a salt-contaminated marsh in Mentor, Ohio. I organized a symposium on phylogeny reconstruction for the national Geological Society of America meeting in Denver and presented papers at the SIL Congress in Dublin, Ireland, and the national GSA in Toronto. Current work is focused on: biogeography of Caribbean nonmarine faunas; ecology of Lake Tanganyika ostracods; phylogenetic reconstruction of *Gomphocythere*; Afar triangle nonmarine ostracods; nonmarine ostracods of the Panaca Formation, Nevada; and Paleogene ostracods from Oman. I am working with four students: **Joshua Whipple**, "Geological and Environmental Assessment of Mentor Marsh, Ohio", **Michael Bartosek**, "Paleoenvironmental Analysis of the Miocene Red Series, Afar Triangle", **Julie Brown**, "Species Morphological Variability in Lake Tanganyika, East Africa", and **Bryce Dingman**, "Assessing the Biodiversity Changes of a Salt Contaminated Marsh, Mentor, Ohio".

Peterson, Dawn. I am a curatorial assistant engaged in research at the California Academy of Sciences, San Francisco, California. My current activity includes 1) Research on brackish

and freshwater ostracodes and mollusks of early to middle Miocene southern Ecuador, in conjunction with the Swiss Geological Institute. 2) Research into the systematics, paleogeography, and paleoecology of marine ostracode faunas of the middle to late Miocene Darien region of Panama, in conjunction with the Panama Paleontology Project. 3) Research into the Mio-Pliocene ostracode and molluscan faunas of the Bering Strait under **Dr. Louie Marinovich**. 4) Developing a chapter on intertidal Ostracoda, with **Dr. Anne Cohen**, for the new edition of Light's Manual, "Intertidal Invertebrates of the Central California Coast". 5) I am studying micromolluscs, ostracodes, and Foraminifera of cold-seep carbonates of northern California with Dr. **Kathleen A. Campbell** of the University of Auckland, New Zealand.

Ross, Robert. I run the education program at the Paleontological Research Institution (PRI) and have had little time for ostracode research in the past year. My primary activity has been to move my collections (shallow marine Late Cenozoic and Recent equatorial Pacific and Bermuda) into the PRI collections. Many ostracode workers may not realize that PRI is estimated to have one of the largest museum micropaleontology slide and bulk sample collections in the United States. In July 1998 we opened a new building for PRI collections and established the "Fred B. and Helen J. Plummer Micropaleontology Room," in which we intend to set up an SEM donated by Kodak. There are large collections for Cenozoic foraminifera, including many type and figured specimens, of the U.S. Gulf and Atlantic Coastal Plains and the Caribbean, particularly Cuba. Many core samples, cuttings, and slides are from Cuba, Haiti, and the Dominican Republic, which came to PRI from the several oil companies. There are also large numbers of bulk samples from northern South America and the southern Caribbean made by Floyd and Helen Hodson, during their employment by various oil companies in the 1920s and 1930s. Many of the areas from which the samples came are no longer accessible. Also at PRI are the original collections of James McLean, which served as the basis for his published card sets of ostracodes and foraminifers. The collection has not yet received much curation, but visitors are welcome.

Schellenberg, Stephen A. Majority of this past year was dedicated towards completion of my Ph.D. and submission of numerous post-doctoral proposals. My research efforts were split between ostracode faunal and morphometric work at the Smithsonian NMNH and geochemical work at UC-Santa Cruz. This Ph.D. research will be submitted for publication (see publication list). My future interests and endeavors include morphologic and evolutionary aspects of *Agrenocythere* and *Krithe* (in collaboration with **Dick Benson**), high-resolution study of late Quaternary ostracode faunas within the Santa Barbara Basin, modern distribution, and ecology of cold seep ostracodes in the Monterey Bay region, and trace-element and stable isotope work on ostracodes and benthic Foraminifera.

Shapley, Mark. Mark is a graduate student of **Emi Ito**. He is working on a paleohydrogeologic investigation in Ovando Valley, Montana. He is using sediment cores retrieved from two lakes of contrasting salinity and will study the endogenic carbonate accumulation and ostracode shell chemistry to investigate the variation in the groundwater input to the lakes for the last 8,000 years. This is a collaborative study with **Joe Donovan** and **Alison Smith**.

Smith, Allison. I continue to work with colleagues **Emi Ito**, **Dan Engstrom**, **Sheri Fritz**, **Eric Grimm**, and **Joe Donovan** in the northern Great Plains of the U.S. to reconstruct drought histories over different time scales, in order to understand the pattern of climate change in that region. The ostracode ecology, isotopic and trace element composition all aid in reconstructing the climate patterns. I am also working with colleagues **Ted Moore**, **Dave Rea**, **Linda Shane**, **Thane Anderson**, and **C.F. Michael Lewis** to interpret the paleolimnology of Lake Huron and northern Lake Michigan over Holocene time scales, using the ostracode ecology and isotopic signature. Work continues on the COG project with **Emi Ito**, **Rick Forester**, **Don Palmer**, and myself to calibrate the oxygen isotope signature

of ostracodes against that of the water in which they live. We are conducting a number of field calibration studies, including a transect crossing a major climate gradient, a seasonal study (see **Sonia Bacon**'s thesis, below), a study along a precipitation gradient in a variety of hydrologic habitats, and a study along a single hydrologic flow path. **Emi Ito** is, in addition to doing all the geochemical work on these studies, conducting culture experiments in order to calibrate the oxygen isotope signature and trace element signature against the values of the water. One part of this study is to prepare the LCO (Lakes-Climates- Ostracodes) dataset initially begun by **Rick Forester** at the USGS, and continued by **Rick, Brandon Curry**, myself, and many others, for the World Wide Web. This work is progressing well, and we are still hoping for a release this calendar year. Ohio has many calcareous fen wetlands that are inhabited by semi-terrestrial species as well as spring species. I continue to study these interesting taxa, which include *Scottia* and *Microdarwinula* species amongst others, and to get students involved in research by studying these local wetlands. Graduate Students 1997-99: **John S. Carney**, M.S. 1997, Thesis title: The use of ostracodes and stable isotopes as indicators of surface-groundwater interaction in Hayes County, Texas. **Dana L. Oleskiewicz**, M.S. 1998, Thesis title: The spatial and seasonal distribution of ostracodes in East Twin Lake, Ohio. **Sonia W. Bacon**, M.S. 1999, Thesis title: Seasonal constraints on oxygen isotope values of living freshwater ostracodes.

Sohn, Greg. Greg Sohn returned to the Museum this past February after an absence. Greg and Bonnie are settled into a new environment (the second major move in the past few years). Greg has had some health problems that had him in and out of the hospital during the holiday season. He is continuing his work on the revision of the ostracode treatise and recently had a paper published in the *Journal of Paleontology* (see the reference in the *Papers in Print* listing).

Swain, Frederick. My book "Fossil Nonmarine Ostracoda of the United States" will be published Spring 1999 in Elsevier Science-NL. I decided against posting it on the Internet as suggested in Cypris 98 based on advice from colleagues. I am studying micro-ostracodes from Eocene of Atlantic region.

YUGOSLAVIA

Correspondent: Ljupko Rundic <banjac@afrodita.rcub.bg.ac.yu>

Krstic, Nadezda. Nadezda's main topic of research is the evolution of the lacustrine sedimentary cycles between Mediterranean and Paratethys. Lacustrine cycles differ from marine cycles by "half a step" (Krstic, 1999a). The position of the region on the transition from temperate to subtropical climatic belts produce fast alternation of the water chemistry in different lakes. By using ostracodes, changes could be traced to the heavy mineralized water, which is poisoned when mineral ores precipitate from solution. Saline is always the middle part of a sedimentary cycle. There are aberrations in salinity, like in the Upper Pliocene of Kosovo (Krstic, 1998a). Many curious ostracodes, mostly Candoninae, were dwellers of the more or less saline lakes; the continuity of long evolution of ostracodes lasting at least for whole Tertiary. Scarcity of continental areas and diversity of ostracode assemblages make it difficult to obtain a clear picture. Some distant communities, for ex. Early Eocene of eastern China (Guan, 1997, in: Acta Micropal. Sin., 14/3) and the Pliocene of the Middle Danube (Pannonian) Basin (Sokac, 1978, in: Paleont. Jug., 20) is striking by its similarity.

Rundic, Ljupko. I am continuing my research on Miocene Caspi brackish ostracodes of Yugoslavia, Bosnia, and other parts of Paratethys. Related to this, I attended a Paratethys Neogene Stratigraphy Workshop last July at Comenius University, Bratislava-Slovakia. There colleagues from Poland, Czech, Slovakia, Hungary, Romania, Ukraine, and

Yugoslavia worked on three main topics: 1) to define the most problematic boundaries in Neogene of the study region; 2) to define the most used stratigraphic biozones and their correlation to mA ages; 3) to compare the observed reflection of the eustatic changes in studied area with global curve (Haque, 1987). We will prepare a joint report for this year. 13th Yugoslav Geological Congress held in Herceg Novi, Monte Negro last October with about three hundred articles (summary in English). I presented a paper (with **S. Mitrovic**) on modern terminology in stratigraphy and biostratigraphy. Dr. **Natalia Trofimovich** from Lvov University, Ukraine (she works on forams) visited some Neogene localities of Serbia and Bosnia. She collected samples from marine Badenian sediments, and we will prepare common articles. Current research includes: 1) Neogene marine and caspiabackish ostracodes of Bosnia and Yugoslavia; 2) Biostratigraphy and paleoecology of freshwater ostracodes from some Miocene lakes of Serbia.

Zlatko, Jecmenica. Jecmenica, a former member of the Tuzla University (East Bosnia) staff, pushed by the war to Ugljevik coal mine, just started research of the Lower Miocene lacustrine ostracodes from NE Bosnia.



ANNOUNCEMENTS

New proposed species names during 1998

Hemicytherura escobasensis Bertels-Psotka & Laprida

Quadracythere gloriaensis Bertels-Psotka & Laprida



Miscellaneous Announcements

Bate, Ray. Lou Kornicker celebrates his 80th birthday this year. We record our best wishes on this occasion and hope that he enjoys good health and many more years of active research.



During May, Dr. **Ana Luisa Carreño** (Universidad Nacional Autónoma de México) and Dr. **Robin C. Whatley** (University of Wales) were at Universidade Federal do Rio Grande do Sul, Southernmost Brazil. At that meeting they, a new Ph.D., **Maria Ines F. Ramos** (Fundação Universidade do Amazonas) and I, discussed some topics about Recent and fossils Brazilian ostracodes. My sincere thanks for their very interesting contributions. - João Carlos Coimbra.



The special volume with communications at the **3rd European Ostracodologists Meeting** (PARIS Bierville, 1996) is available. Ref.: Crasquin-Soleau, S, Braccini, E., and Lethiers, F. (eds.): What about Ostracoda! *Bull. Centres Rech. Explor. Prod. Elf - Aquitaine*, Pau, Mém 20: pp.1 - 432. Please, contact E. Braccini, (Pau, France) if interested.



The annual Meeting of "**Ostracodologistes de langue française (OLF 98)**" was held in University Cl. Bernard, LYON1, France, on 14th May 1998 (A.M. BODERGAT, chairperson): "Bilan des ostracodologistes de langue française au seuil du 3° millénaire; prospective" (some papers in press, *Geobios*, Lyon).



ISO97 Information

The first volume of papers from **ISO97** has been published as part of Volume 148 of the journal *Palaeogeography, Palaeoclimatology, Palaeoecology*. Senior authors should receive reprints soon, and copies of the volume will be distributed to registered ISO97 delegates in the near future. The table of contents is as follows:

Special Issue: Non-marine Ostracoda: Evolution and Environment, J. Holmes, and D. Horne [Eds.]

Larry W. Knox, Elizabeth A. Gordon, Ostracodes as indicators of brackish water environments in the Catskill Magnafacies (Devonian) of New York State, p. 9-22.

Dermeval Aparecido do Carmo, Robin C. Whatley, Simon Timberlake, Variable nodding and palaeoecology of a Middle Jurassic limnocytherid ostracod: implications for modern brackish water taxa, p. 23-35.

Zhencheng Sun, Xiaojie Feng, Dongming Li, Fan Yang, Yonghong Qu, Hongjiang Wang, Cenozoic Ostracoda and palaeoenvironments of the northeastern Tarim Basin, western China, p. 37-50.

B. Brandon Curry, An environmental tolerance index for ostracodes as indicators of physical and chemical factors in aquatic habitats, p. 51-63.

F. Mezquita, G. Tapia, J.R. Roca, Ostracoda from springs on the eastern Iberian Peninsula: ecology, biogeography and palaeolimnological implications, p. 65-85.

F. Mezquita, R. Hernández, J. Rueda, Ecology and distribution of ostracods in a polluted Mediterranean river, p. 87-103.

Patrick De Deckker, Allan R. Chivas, J. Michael G. Shelley, Uptake of Mg and Sr in the euryhaline ostracod *Cyprideis* determined from in vitro experiments, p. 105-116.

Nigel D. Bridgwater, Jonathan A. Holmes, Sarah L. O'Hara, Complex controls on the trace-element chemistry of non-marine ostracods: an example from Lake Pátzcuaro, central Mexico, p. 117-131.

Ulrich von Grafenstein, Helmut Erlenkeuser, Peter Trimborn, Oxygen and carbon isotopes in modern fresh-water ostracod valves: assessing vital offsets and autecological effects of interest for palaeoclimate studies, p. 133-152.

Antje Schwalb, Stephen J. Burns, Kerry Kelts, Holocene environments from stable isotope stratigraphy of ostracods and authigenic carbonate in Chilean Altiplano Lakes, p. 153-168.

J.A. Holmes, M.J. Allen, F.A. Street-Perrott, M. Ivanovich, R.A. Perrott, M.P. Waller, Late Holocene palaeolimnology of Bal Lake, Northern Nigeria, a multidisciplinary study, p. 169-185.

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### **A Stereo-Atlas of Ostracod Shells comes to an end**

Due to a number of factors the editors of A Stereo-Atlas of Ostracod Shells have decided that the time has come to cease production. The reasons are many (economic, production problems, obtaining copy). The situation has been under review for the past 3 years and it has finally become impractical to continue with the atlas in its present state.

After 25 years of production, changes in the academic and industrial sectors have meant that fewer researchers are engaged in taxonomic work, and this has been reflected in the number of manuscripts submitted and subscriptions to the Stereo-Atlas.

Approximately seven hundred species are described in the Atlas, many of them type species of their genus. We hope that the Stereo-Atlas will continue to be an invaluable resource for ostracod workers. The editors wish to extend their thanks to all past editorial board members, authors, reviewers and subscribers for their time and support.

To mark the final issue, a cumulative index has been produced, *Cumulative Index of A Stereo-Atlas of Ostracod Shells* and was distributed to all subscribers with volume 25. Additional copies of the Index can be obtained from the address below.

Additional copies can be obtained from: Dr Ian Boomer, Department of Geography, University of Newcastle, Newcastle NE1 7RU. <Ian.boomer@ncl.ac.uk> [1999]. Cost £5-00. Cheques payable to The British Micropalaeontological Society.

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Farewell to A Stereo-Atlas of Ostracod Shells

By John Whittaker

A Stereo-Atlas of Ostracod Shells (ISSN 0952-7451) was launched in 1973 with the late Peter Sylvester-Bradley and his then postdoctoral associate, David Siveter, as editors. Peter Sylvester-Bradley was F.W. Bennett Professor of Geology at the University of Leicester, England. He was, by any standards, an exceptional individual who contributed fully to local, national, and international scientific endeavors. The Stereo-Atlas was his brainchild and was typical of his innovative style. The initial hope of the editors was to generate enough interest to publish for two years and then take stock. Volume 25 (for 1998) has appeared; sadly, this is the last in the series, as the decision has been taken to cease publication.

The original aims of A Stereo-Atlas of Ostracod Shells were simple enough to harness and disseminate the scientific revolution which the scanning electron microscope (SEM) provides to micropalaeontology. As Peter Sylvester-Bradley declared in the opening article of the very first issue, this "New Palaeontology" places priority on the illustrations as a language easily communicated and understood by the international palaeontological community. To that end the Stereo-Atlas was designed with a unique format: a high illustrations-to-text ratio, an emphasis on stereophotography and a policy of producing plates about as good as technology can achieve.

Initially produced under the imprint of the Department of Geology at the University of Leicester (1973-1975) and then for one year (1976) by Broadwater Press (Welwyn Garden City), from 1977 to 1981 it was published jointly by (the then) Robertson Research International (Llandudno, Wales) and the British Micropalaeontological Society, London, since when it has appeared solely under the aegis of the B.M.S. The (then) British Museum (Natural History), London and the Department of Geology at the University College of Wales, Aberystwyth also provided invaluable logistical support in the early years of publication. From 1981 to 1996 the production of the Stereo-Atlas was entrusted to BPC Blackpool Ltd (and its predecessors), to whom a great debt is owed for the quality of publication, especially the plates. Latterly Moulton Printing of Blackpool produced the Stereo-Atlas. Over the years all of those who served as an editor, treasurer, or have been closely involved with the day-to-day running of the Stereo-Atlas have, perhaps appropriately, been mainly former students or former research associates of Peter Sylvester-Bradley: John Athersuch, Ray Bate, Ian Boomer, Cyril Haskins, David Horne, Alan Lord, Bob Lundin, John Neale, Lesley Sheppard, David Siveter, Robin Whatley, and John Whittaker.

Palaeontological research demands high quality, consistent taxonomy and A *Stereo-Atlas of Ostracod Shells* has gone a long way to supporting that goal in the field of ostracod research. Rigorous taxonomy is no less important today than it was when the journal first appeared in 1973. However, times and demands on researchers and their research programs change. More recently, ostracod research has concentrated on neotony, genetics and applications such as shell chemistry and palaeoenvironmental, biostratigraphical and palaeobiogeographical utility. Whilst the scientific need for taxonomy remains as paramount as ever it is clear that today less research, and particularly less research funding, is a fact of life in

this branch of our science. This has recently been reflected in the reduced numbers of manuscripts received for the Stereo-Atlas and also in the lack of new subscribers. Furthermore, institutional libraries are coming under increased financial pressure to stop taking specialized journals and, in trying to tap a limited "niche market" this has especially affected the Stereo-Atlas. Production matters relating to "economies of scale" have also, lately, caused additional problems. It is therefore with considerable sadness that the editors feel it is time to cease production of the Stereo-Atlas.

Since the first issue of the Stereo-Atlas appeared twenty-five years ago nearly seven hundred species have been described in its pages, many of them type-species of their genera. In later years, the quality of the illustrative stereo-pairs, which are its trademark, surpassed that of most palaeontographical works. A Stereo-Atlas of Ostracod Shells certainly made its mark and can fairly claim to have been true to its aims.

As a valedictory, a comprehensive Index of all twenty-five volumes has been compiled by Robin Smith and will be distributed free to all subscribers with the last issue.

Happily, A Stereo-Atlas of Ostracod Shells will be wound up without any financial burden to the British Micropalaeontological Society. Indeed, we expect a modest surplus to be available to be donated to the B.M.S. for publication purposes - ostracod papers, of course!

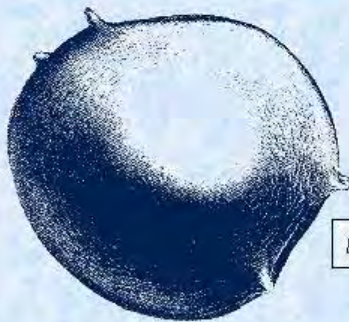
John E. Whittaker
(Chairman, British Micropalaeontological, Society)
The Natural History Museum London
January 1999



Happy Birthday, Lou Kornicker!



A TRIBUTE TO
LOUIS S. KORNICKER
ON HIS 80TH BIRTHDAY



Danielopolina carolynae



Danielopolina kornickeri

Best wishes from Dan Danielopol & Angel Baltanás

Happy Birthday to Lou!

Happy 80th Birthday Lou,
from all your colleagues old and new.
We're glad you left your early career,
As a dynamite engineer.

With Bahamian ostracodes and Columbia PhD
The first of 170 papers was there to see.
Your topics ranged wide from reefs to Podocopa,
But finally you chose mainly sweet Myodocopa.

Since teaching in Texas (2 universities there)
You've been in an institution,
the Smithsonian so fair.

You've kept us informed throughout the years,
On Myodocopa - you have no peers!
With all your new species, we declare,
Given a dollar for each you'd be a millionaire.

submitted by Anne Cohen in honor of Lou Kornicker's 80th
birthday.

Requests for Assistance

Ainsworth, Nigel Richard. Can you please keep sending your reprints!!

Athersuch, John A. Just because I am not currently involved in academic work, please do not drop me from your mailing lists. My interests are principally Middle East/N African Jurassic - Tertiary ostracods, non-marine ostracods of West Africa/S America.

Bate, Ray. Keen to communicate with workers researching lacustrine ostracod faunas, particularly of the Mesozoic, with respect to their taxonomy and environmental distribution.

Bodergat, Anne-Marie. I would be grateful if anyone could give me 1) picked recent carapaces of *Leucocythere mirabilis*, hydrological data available and water samples with them, or 2) the partition coefficient of Mg and Sr for this species. I want to use analysis: paces for trace element analysis; so, unfortunately, I would not be able to return them.

Boomer, Ian. Any information on cave faunas, particularly karst cave systems which may have interglacial deposits and also modern assemblages – What species live in European cave streams and ponds today?

Carmo, Dermeval Aparecido Do: I would be grateful for reprints related to nonmarine Cretaceous ostracodes.

Coimbra, João Carlos: I will be grateful for reprints related to cladistic studies in ostracodes.

Cusminsky, Gabriela C. Gabriela would like to come in contact with colleagues interested in the study of Tertiary and Quaternary lacustrine Ostracoda as well as with researchers who work on recent Ostracoda. She would like to have information about lacustrine resistant eggs of Ostracoda.

Echevarría, Alicia. Alicia would be thankful to receive reprints related to nonmarine and marine Cenozoic Ostracoda.

Ferrero, Laura. Laura will be happy to receive reprints related to the systematic and ecology of Quaternary and Recent fresh-water, brackish and marine Ostracoda.

Hoibian, Thierry. I am looking for papers on ostracods from Indo-Pacific islands concerning mainly systematic and ecology.

Kaesler, Roger: 1) The Treatise on Invertebrate Paleontology needs to maintain its library of paleontological literature. Please send reprints of your work, and ask your colleagues to do so, too. 2) I am interested in the morphology of the late Paleozoic ostracode *Amphissites centronotus*. If you have any specimens, please contact me by e-mail.

Kulkoyluoglu, Okan. I would like to see more studies on ostracodes and their use in ecological, evolutionary, and conservation related studies. It is bizarre that even though ostracodes have a long past history (Cambrian), none of the evolutionary books mention them. This tells me one thing that we, ostracodologists, are not good at introducing and describing the importance of ostracodes to others, or are we?

Mallikarjuna, U. B.: I am looking forward to Post-Doctoral Fellowship/ collaborative work on

marine Jurassic-Early Paleogene ostracodes elsewhere. I am happy to receive the papers dealing with the pollution aspect, Isotopic studies using ostracode carapaces and sequence stratigraphy.

Mannikeri, M. S. Solicits recent publication of Middle Jurassic, Paleogene and Recent marine and nonmarine ostracodes and foraminifers from the Indo-Pacific and Tethys regions. Interested in exchanging material from these areas.

Oakley, Todd. Ostracods preserved directly into 100% ethanol for a molecular phylogeny that is in progress.

Ramos, Maria Inês Feijó. Any contributions to the Palaeontology Laboratory from the Instituto de Ciências Exatas, Departamento de Geociências, Universidade do Amazonas, will be welcome (macro-microfossils). Thank you.

Rossi, A. I will be grateful to receive a copy of these articles: ·1) Swain F. M. (1946), "Upper Jurassic Ostracoda from the cotton Valley Group in northern Louisiana: The genus *Hustsonia*" Journal of Palaeontology v. 20, 119-129. 2) Swain F. M. (1952), "Ostracoda from wells in North Carolina, Part 2, Mesozoic Ostracoda" US Geol. Survey, Prof. Papers 234B, 59- 93, pls 8-9.

Schellenberg, Stephen A. I would appreciate any reprints on deep ocean ostracodes, modern or ancient (particularly Paleogene), and communications from anyone with similar interests.

Vaidya, Arun. I would appreciate receiving any information, reprints, and samples on Quaternary, marine and nonmarine ostracodes and foraminifers from the Indo-Pacific and Tethys regions. I am also interested in exchanging type material.

Meeting Summary

International Symposium on Foraminifera, Forams' 98,

Monterrey, Nuevo León, Mexico, July 5-11, 1998.

This meeting, organized by Dr. Jose F. Longoria, Jr., and his wife, Martha A. Gamper, Florida International University, Miami, Florida, was a huge success. The technical sessions took place at the Instituto Tecnológico y de Estudios Superiores de Monterrey. The presentations were organized into twenty theme sessions that included a wide spectrum of topics on Foraminifera. Subjects ranging from taxonomic and ecological studies to stable isotopes and paleoproductivity were covered. In addition to the technical sessions, three workshops were organized covering seismic stratigraphy, chronostratigraphy and foraminifers as indicators of stressed environments. Two field trips were organized for the Symposium.

During the last day of the technical sessions, participants voted to have the next International Symposium on Foraminifera in Perth, Australia (2002). Barcelona, Spain was a close alternative.

The Sociedad Mexicana de Paleontología, A. C., published the Proceedings of the meeting and the Abstracts with Programs. Jose F. Longoria, Jr., and Martha A. Gamper (127 p.) edited this special publication. In addition to the proceedings, the two field trip guidebooks will be published shortly by the Sociedad Mexicana de Paleontología, A.C. All three volumes can be ordered through Dr. Jose F. Longoria, Jr. His address is: Dept. of Geology, Florida International University, Miami, FL 33199, Tel: 305/ 348-2365, Fax: 305/ 348- 3877, <gamperma@fiu.edu> [1999].

The Co-Conveners of Forams'98 are to be congratulated for a job well done! I am looking forward to the 2002 meeting in Perth and the interesting field excursions that will take place at both Shark Bay and the Great Barrier Reef. I hope the worldwide community of foraminiferalogists will join us there.

- submitted by Paul R. Krutak, Dept. of Geosciences, Fort Hays State University, 600 Park Street, Hays, Kansas 67601-4099, <pkrutak@tiger.fhsu.edu> [1999].

ABSTRACTS

Cohen, A. C., Martin, J. W. and Kornicker, L. S.: Homology of Holocene ostracode biramous appendages with those of other crustaceans: the protopod, epipod, exopod and endopod. Lethaia, Oslo. ISSN 0024- 1164.

Unambiguously biramous appendages with a proximal precoxa, well defined coxa and basis, setose plate-like epipod originating on the precoxa, and both an endopod and exopod attached to the terminal end of the basis are described from several living Ostracoda of the order Halocyprida (Myodocopa). These limbs are proposed as the best choice for comparison of ostracode limbs with those of other crustaceans and 'Lagerstätten' fossil arthropods with preserved limbs, such as the Cambrian superficially ostracode-like *Kunmingella* (recently redescribed) and *Hesslandona*. The second maxilla of Metapolycope (Cladocopina) and first trunk limb of *Spelaeoecia*, *Deeveya* and *Thaumatoconcha* (all Halocypridina) are illustrated, and clear homologies are shown between the parts of these limbs and those of some general crustacean models and some of the remarkable crustacean s.s. Orsten fossils.

No living ostracodes exhibit only primitive morphology; all have at least some (usually many) derived characters. Only a few ostracode taxa have the probably more primitive attributes of dorsal trunk segmentation and/or biramous limbs with a basal epipod. Among the Myodocopa only a few halocyprids (including Metapolycope and apparently some *Thaumatoconcha*) have dorsal trunk segmentation, and several have unambiguous biramous limbs. Within the Podocopa, only Platycopida and Saipanetta (Podocopida) have trunk segmentation; neither of these have unambiguously biramous limbs. Homologies between podocopid limbs and those of the illustrated primitive myodocopid limbs are tentatively suggested. A setose plate-like extension, often attached basally to a podocopid protopod, is probably homologous to the myodocopid epipod, which was present at least as early as the Triassic (illustrated in *Triadocypris*, a fossil with some myodocopid body parts). Somewhat more distal and less setose and plate-like extensions, present on some podocopid limbs (e.g., mandible), perhaps may be homologous instead to the exopod (clearly present on myodocopid mandibles). The coxa (or precoxa) is by definition the most basal part of the crustacean and ostracode limb, i.e., the part attached to the body. A molar-like tooth is present proximally on the mandibular protopod of many ostracodes (many Podocopa and primitive Halocyprida); it is the coxal endite and projects medially from the coxa (or proximal protopod when the protopod is undivided).

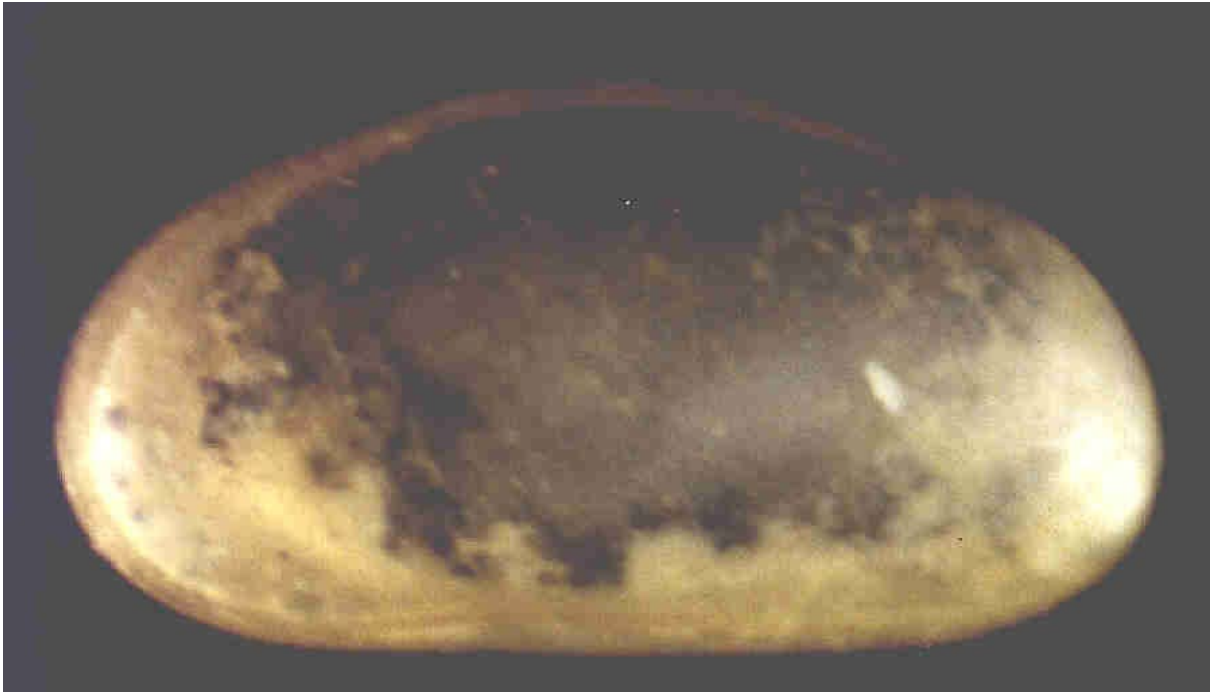
The Ostracoda is probably a monophyletic crustacean group composed of Myodocopa and Podocopa. All have a unique juvenile (not a larva) initially with three or more limbs, and except that juveniles lack some setae and limbs, with morphology similar to the adult, i.e., with each limb pair different and completely enclosed within a bivalve carapace lacking growth lines. Thus, the following suite of characters in all instars may be considered a synapomorphy uniting all Ostracoda: 1. Each pair of limbs is uniquely different from the others. 2. The whole body is completely enclosed within a bivalved carapace that lacks growth lines. 3. No more than nine pairs of limbs are present in any instar. 4. The body shows little or no segmentation, with no more than ten dorsally defined trunk

segments. No other crustaceans have this suite of characters. A probable synapomorphy uniting the Podocopa is a second antenna with exopod reduced relative to the endopod. Ostracodes are a large crustacean taxon with probably about 8,000 described living species and perhaps as many as 25,000 extant species including undescribed ones. Thaumatoconcha) have dorsal trunk segmentation, and several have unambiguous biramous limbs. Within the Podocopa, only Platycopida and *Saipanetta* (Podocopida) have trunk segmentation; neither of these have unambiguously biramous limbs. Homologies between podocopid limbs and those of the illustrated primitive myodocopid limbs are tentatively suggested. A setose plate-like extension, often attached basally to a podocopid protopod, is probably homologous to the myodocopid epipod, which was present at least as early as the Triassic (illustrated in *Triadocypris*, a fossil with some myodocopid body parts).

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PHOTOS



Recent ostracod carapace filled with oil particles. Specimen was collected in 1991 along the western coast of the Persian Gulf. Specimen and photograph provided by Dr. Mostafawi.

RECENTLY PUBLISHED PAPERS

Papers listed here were published in 1998 and 1999. In press papers are listed at the end of this file. Both lists are alphabetical.

Abate, S., Bertholon, L., and Peypouquet, J. P., 1998, A method to measure the Ostracod's vestibule area: an example and implications in the genus *Krithe*, *In: Crasquin-Soleau, S., Braccini, E., and Lethiers, F. (eds.): What about Ostracoda! 3° Congrès Européen des Ostracodologues (Paris-Bierville, 1996). Bull. Centres Rech. Explor. Prod. Elf - Aquitaine, Pau, Mém. 20:399.*

Ainsworth, N. R., Braham, W., Gregory, F., Johnson, B., and King, C., 1998a, A proposed latest Triassic to earliest Cretaceous microfossil biozonation for the English Channel and its adjacent areas, *In: Underhill, J. (ed.), The development and evolution of the Wessex Basin, Geological Society Special Publication, 133:87-102.*

Ainsworth, N. R., Braham, W., Gregory, F., Johnson, B., and King, C., 1998b, The lithostratigraphy of the latest Triassic to earliest Cretaceous of the English Channel and its adjacent areas, *In: Underhill, J. R. (ed.), The Development and Evolution of the Wessex Basin, Geological Society Special Publication, 133:103-164.*

Amore, F.O., Esposito P., Giugovaz, L., Monegatti, P., Pugliese, S., Ungaro, S., 1996, Pleistocene landscapes at Monte Poggiolo (Forlì), *Proceed. XIII Congr. Prehist. Prohist. Sciences, 6(2):907-919.*

Amos, A., Bianchi, M. M., Cusminsky, G. C. and del Valle, R., 1998, Proyecto Lagos Comahue: objetivos y resultados alcanzados 1992-1998, *VII Congreso Argentino de Paleontología y Bioestratigrafía, Bahía Blanca, p. 124.*

Andreu, B., Bodergat, M., Brunel, F., Colin, J. P. and Cubaynes, R., 1998, Ostracodes du Carixien supérieur- Domérien (Jurassique supérieur) du Quercy, Bassin d'Aquitaine, France. *Palaeontographica A, Stuttgart, 250(4-6):89-122.*

Andreu, B., Boutchich, K., and Chbani, B., 1998, Nouvelles espèces d'ostracodes du Coniacien-Santonien-Maastrichtien du Bassin d'Essaouira (Atlas atlantique, Maroc). *Rev. Micropal., Paris, 41(2):91-106.*

Babinot, J.F., and Boukli-Hacene, S., 1998, Associations d'ostracodes en faciès mixtes de plate-forme: l'exemple du Messinien de la région nord des Tessala (Oranie, Algérie). *Rev. Micropal., Paris, 41(1):3-17.*

Babinot, J.-F., Rodriguez-Lazaro, J., Floquet, M., b and Jolet, P., 1998, Corrélations entre discontinuités sédimentaires majeures et crises biologiques chez les Ostracodes du Sud-Ouest de l'Europe au Cénomanién. *In: Crasquin-Soleau, S., Braccini, E., and Lethiers, F. (eds.): What about Ostracoda! 3° Congrès Européen des Ostracodologues (Paris-Bierville, 1996). Bull. Centres Rech. Explor. Prod. Elf - Aquitaine, Pau, Mém 20:349-362.*

Ballent, S.C. and Ronchi, D. I., 1998, Platycopina (Ostracoda) del Neocomiano en el sector oriental de la cuenca Neuquina, Argentina. *VII Congreso Argentino de Paleontología y Bioestratigrafía. Bahía Blanca. Abstracts, p. 29.*

Ballent, S.C., Ronchi, D. I. and Whatley, R., 1998, The ostracod genus *Majungaella* Grekoff

in Argentina. *Revista Geológica de Chile* 25(1):45-55. Santiago de Chile.

Ballent, S.C., 1998, Ostrácodos del Albiano de la Cuenca Austral, Argentina. *Ameghiniana*, 35(4):355-377. Buenos Aires.

Barra, D., 1997, The shallow marine ostracods of Tripoli (Libya) and their geographical distribution in the Mediterranean. *Rev. Esp. Micropal*, XXIX, 3:71-106.

Barra, D., Bonaduce, G. and Ciarcia, S., 1998, Evidence of brackish lagoons in the Pliocene of Irpinia (Southern Italy). *Boll. Soc. Paleont. Ital.*, 37(1):89-98.

Barra, D., Bonaduce, G. and Sgarrella, F., 1998, Paleoenvironmental bottom water conditions in the early Zanclean of the Capo Rossello area (Agrigento, Sicily). *Boll. Soc. Paleont. Ital.*, 37(1):61-88.

Bassiouni, M.A.A. and Luger, P., 1990, Maastrichtian to Early Eocene Ostracoda from southern Egypt. Palaeontology, palaeoecology, palaeobiogeography and biostratigraphy. *Berliner geowiss. Abh.*, 120(2):755-928, 25 pls.

Bassiouni, M.A.A. and Luger, P., 1996, Eocene Ostracoda from Somalia. *Courier Forschungsinstitut Senckenberg* 192, 139 pp., 27 pls.

Becker, G., 1998, Addendum: Blumenstengel, H., 1998, Eine neue Zonengliederung der Oberen Clymenien-Schichten. *Senckenbergiana lethaea*, 78(1-2):133-134.

Becker, G., 1998, Addendum: Blumenstengel, H., 1995, Ostracoden aus den Oberen Clymenien-Schichten. *Senckenbergiana lethaea*, 77(1-2):71-72.

Becker, G., 1998, Anmerkungen zur Devon-Korrelationstabelle. B092di97: Ostracoden, N-Spanien. *Senckenbergiana lethaea*, 78(1-2):217-221, 2 figs.

Becker, G., 1998, Anmerkungen zur Devon-Korrelationstabelle. Ostracoden; Thueringer Oekotyp, N-Sauerland, Dill.-G., Harz. *Senckenbergiana lethaea*, 78(1-2):223-226, 1 fig.

Becker, G., 1998, Ceterum censeo . [Errata: Blumenstengel, H. 1998, Ostracoden-Faunen des Frasniums. *Cypris*, 15: 1 p.

Becker, G., 1998, Contributions to Palaeozoic Ostracod Classification [POC], No. 8. The Superfamily Kirkbyacea Ulrich and Bassler, 1906. 7. The drepanellid roots. *N. Jb. Geol. Palaeont, Abh.*, 209(3):381-400, 6 figs.

Becker, G., 1998, Mitteldevon, Ostracoden, Eifel; In: K. Weddige (ed.), Devon-Korrelationstabelle. *Senckenbergiana lethaea*, 77(1-2):305.

Becker, G., 1998, Oberdevon, Ostracoden, Thueringer Oekotyp; N-Sauerland, Dill.-G., Harz; B093ds97, In: K. Weddige (Ed.); Devon-Korrelationstabelle. *Senckenbergiana lethaea*, 77(1-2):314-322.

Becker, G., 1998, Ostracoda aus der neritischen La Vid-Formation (Unterdevon, Emsium) von N-Leon (N-Spanien). *Palaeontographica*, A248, 3-6:61-118, 7 figs., 1 tab., 7 pls.

Becker, G., 1998, Ueber Ringeltaube und Waldohreule im heimischen Garten. *Natur u. Museum*, 128(1):21-26, 4 figs.

Becker, G., 1998, Unterdevon, Ostracoden, N-Spanien; In: K. Weddige (Ed.); Devon-Korrelationstabelle. *Senckenbergiana lethaea*, 77(1-2):294.

Becker, G., 1999, Contributions to Palaeozoic Ostracod Classification [POC], No. 10. The

Superfamily Nodellacea Becker, 1968. Family Nodellidae Zaspelova, 1952. *N. Jb. Geol. Palaeont., Abh.*, 210(3):289-304, 5 figs.; Stuttgart.

Becker, G., and Jansen, U. (mit einem Beitrag von W. Struve), 1998, Solle's "Hunsrueck-Insel": Eine kuestennahe Fauna (Ostracoden, Brachiopoden, Trilobiten) aus Rotsedimenten des Oberemium (Unterdevon) der Moselmulde (Linksrheinisches Schiefergebirge). *Senckenbergiana lethaea*, 77(1-2):195-221, 3 figs., 1 tab., 2 pls.

Becker, G., Lundin, R. F., and Petersen, L. E., 1998, Intraspecific variation in the early Devonian Arcyzonidae *Kirkbyrhiza* Becker, and Lundin, 1995 (Ostracoda, Kirkbyacea). *Neue Jahrbuch für Geol.und Paläontologie*, 209(1):33-45.

Becker, G., Lundin, R.F. and Petersen, L.E., 1998, Contributions to Palaeozoic Ostracod Classification [POC], No. 7. The Superfamily Kirkbyacea Ulrich and Bassler, 1906. 6. Intraspecific variation in the early Devonian Arcyzonidae *Kirkbyrhiza* Becker and Lundin, 1995. *N. Jb. Geol. Palaeont., Abh.*, 209(1):33-45, 7 figs.

Becker, G., Petersen, L. E., and Lundin, R. F., 1998, On *Kirkbyrhiza retifera* (Roth). *Stereo-Atlas of Ostracod Shells*, 24(6):34-40.

Bellas, S.M., Kussius, K., Kommerell, J.K., and Kriwet, J., 1998, Integrated biostratigraphical approach of the Neogene Pigadia basin of Karpathos Island (Dodecanes Group, Greece) - Implication on the depositional palaeoenvironment based on calcareous nannofossils, ostracodes and facies development data with special references to Messinian fish assemblages. *Berliner geowiss. Abh.*, 28:129-156.

Benassi G., Ferrari, I., Rossi, V., Sei, S., Angel, M.V., and McKenzie, K.G., 1998, Distribution and taxonomy of planktonic Ostracods of the Eolian Islands (Mediterranean Sea). 3 Congr Europ des Ostracodologistes. Paris-Bierville 8-12 July 1996, *Bull. Centre Rech. Elf Explor. Prod.*, 20:3-25.

Bertels-Psotka, A., and Laprida, C., 1998, Ostrácodos (Arthropoda, Crustacea) del Miembro Cerro de la Gloria, Formación Las Escobas (Holoceno), provincia de Buenos Aires, República Argentina. *Revista Española de Micropaleontología*, 30(1):103-127.

Bertels-Psotka, A., and Laprida, C., 1998, Ostracoda (Arthropoda, Crustacea) holocenos del Miembro Canal 18 (Formación Las Escobas), provincia de Buenos Aires, República Argentina. *Revista Española de Micropaleontología*, 30(1):129-137.

Bertels-Psotka, A., and Laprida, C., 1998, Ostrácodos (Arthropoda, Crustacea) de la Formación Las Escobas (Holoceno) cuenca del Salado, provincia de Buenos Aires, República Argentina. *Ameghiniana* (Revista de la Asociación Paleontológica Argentina), 35(1):81-86.

Bertholon, L., Abate, S., Peypouquet, J. P., Bonaduce, G., and Jorissen, F., 1998, Ostracods as indicators of the variable intensity of downwellings during 18,000 y. B.P. In: Crasquin-Soleau, S., Braccini, E., and Lethiers, F. (eds.): What about Ostracoda! 3° Congrès Européen des Ostracodologistes (Paris-Bierville, 1996). *Bull. Centres Rech. Explor. Prod. Elf - Aquitaine*, Pau, Mém 20:402.

Bodergat, A.M., 1997, Ostracodes marins. Les ostracodes marins du Jurassique européen. Utilisation stratigraphique. *Bull. Centres Rech. Expl.-Prod. Elf-Aquitaine*, Pau, Mém. 17:197-223.

Bodergat, A.M., Bonnet, L., Colin, J.P., Cubaynes, R., and Rey, J., 1998, Opportunistic development of *Ogmoconcha amalthei* (ostracode) in the Lower Liassic of Quercy (SW France): an indicator of sedimentary disturbance. *Palaeogeography, Palaeoclimatology*,

Bodergat, A.M., Hugueney, M., Picot, L., Giraud, F., Briot, D., Poidevin, J., Levy, A., and Poignant, A., 1997, Incursions marines dans le rift de Limagne à l'Oligocène? In: *De la biostratigraphie à la paléobiogéographie* (Bodergat, A.M., and Gaillard, C., Coord.): p. 19.

Bodergat, A.M., Ikeya, N., and Irzi, Z., 1998, Domestic and industrial pollution: use of ostracods (Crustacea) as sentinels in the marine coastal environment. *J. Rech. Oceanographique*, 23(4):139-144.

Bonaduce, G., Barra, D. and Aiello, G., 1998, The areal and bathymetrical distribution of the genus *Henryhowella* Puri (Ostracoda) in the Gulf of Naples. *Bull. Soc. Elf Aquitaine*, p. 133-139.

Bonaduce, G., Barra, D. and Aiello, G., 1999, *Tanzanicythere levantina* n. sp. (Ostracoda, Cytheruridae), first finding of the genus in the Mediterranean area. *Boll. Soc. Paleont. Ital.*, 38(1).

Boomer, I., 1998, The relationship between meiofauna (Ostracoda, Foraminifera) and tidal levels in modern intertidal environments of North Norfolk: A tool for palaeoenvironmental reconstruction. *Bulletin of the Geological Society of Norfolk*, 46:17-29.

Boomer, I., Ainsworth, N. R., and Exton, J., 1998, A re-examination of the Pliensbachian and Toarcian Ostracoda of Zambujal, west-central Portugal. *Journal of Micropalaeontology*, 17:1-14

Boomer, I., and Kempf, E., 1998, On *Swainocythere minuscula* (Ruggieri) Errata. *A Stereo-Atlas of Ostracod Shells*, 25(12):61.

Bossio, A., Foresi, L.M., Mazzanti, R., Mazzei, R. e Salvatorini, G., 1997, Note micropaleontologiche sulla successione miocenica del Torrente Morra e su quella pliocenica del Bacino dei fiumi Tora e Fine (Province di Livorno e Pisa). *Atti Soc. tosc. Sci. nat., Mem.*, Ser. A, 104:85-134, 8 text-figs., 10 tabs.

Braccini, E., 1998, Ostracods and graphic method, a powerful tool in oil exploration. In: Crasquin-Soleau, S., Braccini, E., and Lethiers, F. (eds.): What about Ostracoda! 3° Congrès Européen des Ostracodologistes (Paris-Bierville, 1996). *Bull. Centres Rech. Explor. Prod. Elf - Aquitaine*, Pau, Mém. 20:404.

Braccini, E., Denison, C., Scheevel, J., Jeronimo, P., Orsolini, P., Barletta, V., 1997, A revised chrono-lithostratigraphic framework for the Pre-Salt (Lower Cretaceous in Cabinda, Angola). *Bull. Centres Rech. Explor.-Prod. Elf Aquitaine*, Pau.

Braccini, E., and Moron, J. M., 1998, Lower Cretaceous of Gabon-Congo Basins; an integrated stratigraphy. In: Crasquin-Soleau, S., Braccini, E., and Lethiers, F. (eds.): What about Ostracoda! 3° Congrès Européen des Ostracodologistes (Paris-Bierville, 1996). *Bull. Centres Rech. Explor. Prod. Elf - Aquitaine*, Pau, Mém. 20:405.

Butlin, R.K., Schön, I., and Martens, K., 1998, Asexual reproduction in nonmarine ostracods (short review). *Heredity*, 81:473-480.

Butlin, R.K., Schön, I., and Griffiths, H.I., 1998, Introduction to reproductive modes. In: Martens, K. (ed.) 1998, Sex and parthenogenesis-evolutionary ecology of reproductive modes in nonmarine ostracods. *Bakhuys Publ.*, Leiden, p. 1-24.

Caballero, F., Rodriguez-Lazaro, J., Hernandez, J.M., Pujalte, V. and Robles, S., 1998, Asociaciones de ostrácodos continentales de la Fm Aguilar (Jurásico Superior-Cretácico

Inferior, Cuenca Vascoantábrica). *Geogaceta*, 24:289-292.

Cabral, M.C., and Colin, J.P., 1998, Nouvelles espèces de Limnocytheridae (Ostracodes limniques) dans l'Aptien du Portugal: systématique et paléoécologie. *Rev. Micropal.*, Paris, 41(4):269-279.

Calderini, G., Calderloni, G., Cavinato, G.P., Gliozzi, E., and Paccara, P., 1998, The upper Quaternary sedimentary sequence at the Rieti basin (Central Italy): a record of sedimentary response to environmental changes. *Palaeogeogr., Palaeoclim., Palaeoecol.*, 140:97-111.

Cao Meizhen, 1998, A discovery of Tertiary Ostracoda from the Ping Chan Formation, Hong Kong. In: Lee, Chen, and He (eds.), *Palaeontology and Stratigraphy of Hong Kong*, 2:89-91. Science Press, Beijing.

Cao Meizhen, 1998, Quaternary Ostracoda from the Hang Han Formation at Lei Yue Mun, Hong Kong. In: Lee, Chen, and He (eds.), *Palaeontology and Stratigraphy of Hong Kong*, 2:171-183. Science Press, Beijing.

Carbonnel, G., 1998, Epithelium et réseau ornemental. Déformations primaires. Exemples pris chez quelques ostracodes du genre *Loxoconcha* au Néogène. *Rev. Micropal.*, Paris, 41(3):197-209.

Carbonnel, G., 1998, Les niveaux à *Pterygocythereis* dans le Miocène rhodanien: épisode hydrodynamique privilégié. *Géol. Méditerranéenne*, Marseille, 25(1):19-32.

Caridroit, M., Degardin, J. M., Derycke, C., Lethiers, F., Marcoux, J., Milhau, B., Pillecuit, A., and Vachard, D., 1997, Un assemblage microfaunistique remarquable du Paléozoïque supérieur de Turquie. *Geobios*, Lyon, 20:109- 115.

Casier, J.G., and Lethiers, F., 1997, Les ostracodes survivants à l'extinction du Dévonien supérieur dans la coupe de Devils Gate au Nevada, U.S.A. *Geobios*, 30(6):811-821.

Casier, J.G., and Lethiers, F., 1997, *Micronewsomites* et *Decoranewsomites*, deux nouveaux genres d'ostracodes dévoniens. *Rev. Micropal.*, 40(2):125-130.

Casier, J.-G., and Lethiers, F., 1998, Les Ostracodes du Frasnien terminal (Zone à linguiformis des Conodontes) de la coupe du col de Devils Gate (Nevada, USA). *Bulletin de l'Institut royal des sciences naturelles de Belgique*, Sciences de la Terre, 68:77-95.

Casier, J.-G., and Lethiers, F., 1998, Ostracods Late Devonian mass extinction: The Schmidt Quarry Parastratotype (Kellerwald, Germany). *Comptes-rendus de l'Académie des Sciences, Earth and Planetary Sciences*, 326:321- 326.

Casier, J.-G., and Lethiers, F., 1998, The recovery of the ostracod fauna after the Late Devonian mass extinction in the Devils Gate pass section (Nevada, USA). *Comptes-rendus de l'Académie des Sciences, Earth and Planetary Sciences*, 327:501-507.

Casier, J.-G., and Lethiers, F., 1998, Renewing of ostracods after the Late Devonian mass extinction in the Devils Gate pass section, Nevada, and in the Coumiac GSSP, France. *Geological Society of America, Abstracts with Programs*, 30(7):A-25.

Casier, J.-G., Lethiers, F., and Hou, H-F., 1997, Ostracods from the Frasnian-Famennian transition beds in the Lijiaping section (Hunan, Southern China). *C.R. Acad. Sc. Paris*, 325: 433-438.

Caus, E., Tambareau, Y., Colin, J.P., Aguilar, M., and Gomez-Garrido, A., 1998, Upper Cretaceous microfaunas of the Cardenas Formation (San Luis Potosi, N. Mexico);

biostratigraphical, palaeoecological, palaeogeographical significance. In: "Forams' 98" (Monterrey), *Soc. Mex. Pal., A.C., sp. publ.* (abstracts), p. 17-18.

Chait, R., Dauvin, J. C., and Guernet, C., 1998, Les ostracodes de la Baie de Seine. *Geobios*, 31(6):791- 807.

Charriere, A., Andrieu, B, Ciszak, R., Kennedy, W. J., Rossi, A., and Vila, J. M., 1998, The upper Cenomanian transgression in the high Moulouya and southern middle Atlas, Morocco. *Geobios*, 31(5):551-569.

Cohen, A. C., Martin, J. W., and Kornicker, L. S., 1998, Homology of Holocene ostracode bivalve appendages with those of other crustaceans: the protopod, epipod, exopod and endopod. *Lethaia*, 31:251-265.

Colin, J. P., 1998, Sur quelques milieux de vie particuliers des ostracodes (Crustacea, Ostracoda). *Bull. Soc. Linnéenne Bordeaux*, 26(4):154 - 170.

Colin, J. P., Antunes, M. T., Carbonnel, P., and Nascimento, A., 1998, On the upper Cretaceous age of *Neocyprideis lusitanicus* Guernet and Lauerjat 1986 (Ostracoda). In: Crasquin-Soleau, S., Braccini, E., and Lethiers, F. (eds.): What about Ostracoda! 3^o Congrès Européen des Ostracodologistes (Paris-Bierville, 1996). *Bull. Centres Rech. Explor. Prod. Elf - Aquitaine*, Pau, Mém. 20:405.

Colin, J. P., and Depeche, F., 1997, Faunes d'ostracodes lacustres des bassins intracratoniques d'âge albo-aptien en Afrique de l'Ouest (Cameroun, Tchad) et au Brasil: considérations d'ordre paléoécologique et paléobiogéographique. In selected papers from the 32nd Coll. on Stratigraphy of the South Atlantic and 13th African Coll. on Micropal. (Yaoundé, Cameroon, 1997). *Africa Geoscience Review*, 4(3-4):431-450.

Colin, J. P., Tambareau, Y., and Krashennikov, V. A., 1998, Maastrichtian and Paleocene Ostracode assemblages of Mali (Western Africa). *Dela-Opera SAZU 4. razr., Ljubljana*, 34(2):273-345.

Cors, M., Wansard, G., and Rekk S., 1998, Etude du pollen et des ostracodes du travertin d'Annevoie-Rouillon (Belgique): reconstitution de l'évolution paléoenvironnementale au cours du Boréal et de l'Atlantique. *Acta Geographica Lovaniensia*, 37:47-61.

Crasquin-Soleau, S., 1998, De la stratigraphie à la paléogéographie globale au Permien supérieur: les Ostracodes de la Paléo-Tethys. *STRATI 2000, 2^o Congrès français de Stratigraphie*, Paris: 64.

Crasquin-Soleau, S., 1998, Du Carbonifère au Trias: les Ostracodes (Crustacea) dans leur contexte global. Habilitation à diriger les recherches. *Mémoire des Sciences de la Terre*, Univ. P. et M. Curie, Paris, 98(1):1-168.

Crasquin-Soleau, S., and Barrier, E (eds.), 1998, Peri-Tethys Memoire 3; stratigraphy and evolution of peri-tethyan platforms. *Mémoire du Muséum national d'Histoire Naturelle*, 179:1-260.

Crasquin-Soleau, S., and Barrier, E (eds.), 1998, Peri-Tethys Memoire 4; epicratonic basins of peri-tethyan platforms. *Mémoire du Muséum national d'Histoire Naturelle*, 179:1-280.

Crasquin-Soleau, S., and Baud, A., 1998, New Permian ostracods of Greece (Hydra Island). *Journal Micropal.*, 17:131-152.

Crasquin-Soleau, S., Braccini, E., and Lethiers, F. (eds.), 1998, What about Ostracoda! 3^o Congrès Européen des Ostracodologistes (Paris-Bierville, 1996). *Bull. Centres Rech. Explor.*

Crasquin-Soleau, S., Broutin, J., and Besse, J., 1998, Paleobiogeographical and paleogeographical significance of ostracodes and paleobotanical evidence from the Upper Permian of Oman. *Zoneshein Conference*, Moscow.

Crasquin-Soleau, S., Izart, A., Vaslet, D., and De Wever, P. (eds.), 1998, Peri-Tethys stratigraphic correlations, contribution n° 2. *Geodiversitas*, 20(4):519-730.

Cunningham, C.W., Omland, K.E., and Oakley, T.H., 1998, Reconstructing ancestral character states: A critical reappraisal. *Trends in Ecology and Evolution*, 13(4):361-366.

Curry, B.B., 1998, Evidence at Lomax, Illinois, for mid-Wisconsin (ca. 40,000 yr B.P.) position of the Des Moines Lobe, and for diversion of the Mississippi River by the Lake Michigan Lobe (20,350 yr. B.P.). *Quaternary Research*, 50:128-138.

Curry, B.B., and Baker, R.G., 1998, Climatic modes and climatic extremes during the last interglaciation in south-central Illinois. *Global Energy and Water Cycle Experiment (GEWEX) Continental Scale International Project (GCIP) Mississippi River Climate Conference*, St. Louis, MO, Regal Riverfront Hotel, June 8-12, Program and Abstracts Volume, p. 85.

Curry, B.B., and Baker, R.G., 1998, Climatic modes during the last interglaciation in south-central Illinois. *Geological Society of America Abstracts With Programs*, 30(2):12.

Curry, B.B., Baker, R.G., Grimley, D.A., and Miller, B.B., 1999, Near-glacial flora, ostracodes and Pisidian clams of the Wisconsin Livingston Phase in northeastern Illinois. 1999 *North-Central Geological Society of America Meeting*, Champaign, Illinois, Programs With Abstracts, v. 31.

Curry, B.B., Grimley, D. A., and Stravers, J. A., 1999, Quaternary geology, geomorphology, and climatic history of Kane County, Illinois. *Illinois State Geological Survey Guidebook 28*, 40 p. (includes Holocene ostracode diagram for Nelson Lake).

Cusminsky, G. C. and Whatley, R. C., 1998, Ostrácodos marinos de un testigo del océano Atlántico sudoccidental austral. *VII Congreso Argentino de Paleontología y Bioestratigrafía*, Bahía Blanca, p. 31

Danielopol, D.L., 1997, La colonisation d'un environnement contraignant, Exemple: les eaux souterraines. *Geobios.*, 21:55-66.

Downing, K.F., Musser, G.G., and Park, L.E., 1998, The first fossil record of small mammals from Sulawesi, Indonesia: The large murid, *Paruromys dominator*, from the Late(?) Pliocene Walanae Formation, in Y. Tomida, L.J. Flynn and L.L. Jacobs (eds.): *Advances in Vertebrate Paleontology and Geochronology. National Science Museum Monographs*, No. 14:105-121.

Downing, K.F., and Park, L.E., 1998, Geochemistry and early diagenesis of mammal-bearing concretions of the Sucker Creek Formation of southeastern Oregon: an example of Tertiary bone-volcaniclastic interactions. *Palaios*, 13:12-25.

Eagar, Stephen, 1998, Ostracoda from Tarawa Atoll, Kiribati, in *Proceedings of the 3rd European Ostracod Meeting, Bierville 1996. What about Ostracoda!* S.Crasquin-Soleau, E. Braccini and F. Lethiers (eds.), *Bull. Centre Recherche Elf Explor. Prod.* n°20.

Elewa, A.M.T., 1998, Fourier biometrics: A case study on the two species of the ostracode genus *Bairdoppilata* from the middle Eocene of Egypt. *N. Jb.Geol. Paalaont. Mh.*, 4:203-

- Elewa, A.M.T., 1998, Ostracod assemblages at the lower/ middle Eocene boundary in the Nile Valley, Egypt. *N. Jb Geol. Palaont. Abh.*, 210(1):1-17.
- Fauth, G., and Coimbra, J. C., 1998, Zoogeography of the ostracode genera *Auradilus* and *Radimella* on the Brazilian continental shelf. *N. Jb. Geol. Paläont. Mh.*, 8:463-474.
- Flexer, A., Rosenfeld, A., Gardosh, M., Honigstein, A. and Davidson, L., 1999, Cretaceous sequence stratigraphy of the southern shallow Tethys: Geodynamic events and microfossil distributions in Ratanasthien, B. and Rieb, S.L. (eds.): *Proceedings of the Intern. Symp. Shallow Tethys (ST) 5*, Chiang Mai, Thailand, Chiang Mai University, p. 353-362.
- Forester, R. M., and Carter, C., 1998, Ostracodes from Owens Lake Core OL-92 and the Paleoenvironment of the Last Interglacial, in the Last Interglaciation at Owens Lake, California: Core OL-92, Bischoff, J. (ed.), *USGS Open File Report 98-132* (part 8), p. 142-155.
- Friedman, G. M., and Lundin, R. F., 1998, Freshwater ostracodes from upper middle Devonian fluvial facies, Catskill Mountains, New York. *Journal of Paleontology*, 72(3):485-490.
- Friewald, A., and Mostafawi, N., 1998, Ostracods in a Cold-Temperate Coastal Environment, Western Troms, Northern Norway: Sedimentary Aspects and Assemblages. *Facies*, 38:255-274.
- Fuhrmann, R., 1999, Klimaschwankungen im Holozaen nach Befunden aus Fluss- und Bachablagerungen Nordwestsachsens und angrenzender Gebiete. *Altenburger Naturwissenschaftliche Forschungen*, 11:3-41.
- Fuhrmann, R., Schirrmeister, L., and Pietrzeniuk, E., 1997, Ostrakoden und Mollusken aus den weichselpaetglazialen Sedimenten des Biesenthaler Beckens (N-Brandenburg, Barnim). *Zeitschrift fuer geologische Wissenschaften*, 25(5-6):489-511.
- Funnell, B.M., and Boomer, I., 1998, Microbiofacies tidal-level and age deduction in Holocene saltmarsh deposits on the North Norfolk coast. *Bulletin of the Geological Society of Norfolk*, 46:31-55.
- Gerecke, R., C. Meisch, F. Stoch, F. Acri, and H. Franz, 1998, Eucrenon-hypocrenon ecotone and spring typology in the Alps of Berchtesgaden (Upper Bavaria, Germany). A study of microcrustacea (Crustacea: Copepoda, Ostracoda) and water mites (Acari: Halacaridae, Hydrachnellae). In L. Botosaneanu (editor): *Studies in Crenobiology. The biology of springs and spring brooks*: p. 167-182. Backhuys Publishers.
- Gliozzi, E. and Mazzini, I., 1998, Palaeoenvironmental analysis of Early Pleistocene brackish marshes in the Rieti and Tiberino intrapenninic basins (Latium and Umbria, Italy) using ostracods. *Palaeogeogr., Palaeoclim., Palaeoecol.*, 140:325-333.
- Golfieri, G., Ferrero, L. and Zárata, M., 1998, Tafonomía y paleoecología de *Tagelus plebeius* (Lightfoot, 1786) (Mollusca, Bivalvia) en sedimentos holocenos del río Quequén Grande, provincia de Buenos Aires. *Ameghiniana* (Revista de la Asociación Paleontológica Argentina), 35(3):255-264.
- Gozalo, R., 1998, Nuevo nombre para *Jenningsina* (Aragonella) Gozalo, 1994. (Ostracoda), no *Aragonella* Thalmann, 1942 (Foraminifera). *Revista Española de Paleontología*, 13(2):148.

Gozalo, R., and Pardo Alonso, M. V., 1998, Los ostrácodos y braquiópodos del yacimiento QUIN-18 de la Formación Valmayor (Frasniense del Sinclinal de Almadén; Zona Centroibérica). XIV *Jornadas de Paleontología*, Tenerife 7 a 11 de Octubre de 1998-Comunicación Simposio Proyecto P.I.C.G. 421:207-208.

Gozalo, R. and Sanchez de Posada, L.C., 1998, El género *Franklinella* (Ostracoda) en la sección de Collado de Polentinos (Devónico del Dominio Palentino, Cordillera Cantábrica). *Revista Española de Paleontología*, 13(2):235-242.

Griffiths, H. I., and Horne, D.J., 1998, Fossil distribution of reproductive modes in non-marine ostracods, in Martens, K. (ed.), *Sex and parthenogenesis: evolutionary ecology of reproductive modes in nonmarine ostracods*, Backhuys, Leiden, The Netherlands.

Griffiths, H. I., Pietrzeniuk, E., Fuhrmann, R., Lennon, J.J., Martens, K., and Evans, J.G., 1998, *Tonnacypris glacialis* (Ostracoda, Cyprididae): taxonomic position, (palaeo-) ecology, and zoogeography. *Journal of Biogeography*, 25:515-526.

Gross, M., 1998, Oberbadenische Ostrakodenassoziationen am E-Rand des Wiener Beckens (Bad Deutsch Altenburg) und deren palaeoökologische Indikation. In: NAGEL, D. (Hrsg.): Abstractband zur 5. *Jahrestagung der OEPPG in Lunz/See*, 13, Wien.

Gross, M., and Piller, W.E., 1998, Ostracoden als Environmentindikatoren - Fallstudie Bad Deutsch Altenburg (E-Rand des Wiener Beckens, Oberbadenum). 3. *Oesterreichisches Sedimentologen-Treffen*, Seewalchen/Attersee, Kurzfassungen, 5, Wien.

Guernet, C., 1997, Bioévénements et ostracodes du Maastrichtien au Rupélien dans les Bassins du Nord-Ouest de l'Europe. *Sonder. Geol. Inst. Univ. Köln*, Deutschland, 114:217-222.

Guernet, C., 1998, Neogene and Pleistocene Ostracodes, sites 959 and 980, Gulf of Guinea. In: Mascle, J., Lehmann, G, and Moullade, M. (eds.): *Proceedings of the Ocean Drilling Program, Scientific Results*, College Station, 159:525- 531.

Guichard, S., Carbonel, P., Peypouquet, J. P., Jorissen, F., Bertholon, L., Bertrand, P., and Martinez, P., 1998, Contrôle climato-océanographique de l'évolution du benthos (Ostracodes et Foraminifères benthiques) dans une zone de forte productivité primaire (upwelling de Mauritanie) entre le dernier glaciaire et l'Actuel. In: Crasquin-Soleau, S., Braccini, E., and Lethiers, F. (eds.): What about Ostracoda! 3^o *Congrès Européen des Ostracodologistes* (Paris-Bierville, 1996). *Bull. Centres Rech. Explor. Prod. Elf - Aquitaine*, Pau, Mém. 20:411.

Guzzo, J.V.P., 1997, Stratigraphic response to climate changes: Example from the Lower Cretaceous of Reconcavo Basin, northeast Brazil. (poster and abstract). *Can. Soc. Petrol. Geol./SEPM Joint Convention 1997*. Calgary, Alberta, Canada. Proceedings, p. 119.

- Guzzo, J. V. P. and Arienti, L. M., 1998, Depositional significance of lacustrine black shales: Falsifying a paradigm. (extended abstract). *American Association of Petroleum Geologists*. International Conference and Exhibition, 1998, Rio de Janeiro, Brazil. Proceedings, p. 308-309.
- Haddoumi, H., Almeras, Y. Bodergat, A.M., Charriere, A. Mangold, Ch., and Benshili, K., 1998, Age et environnement des couches rouges d'Anoual (Jurassique moyen et Crétacé inférieur, Haut-Atlas oriental, Maroc). *C.R. Acad. Sc. Paris*, 237:127-133.
- Hageman, S. A., and Kaesler, R. L., 1998, Wall structure and growth of fusulinacean foraminifera. *Journal of Paleontology*, 72:181-190.
- Hajjaji, M., Bodergat, A. M., Moissette, P., Prieur, A., and Rio, M., 1998, Signification écologique des assemblages d'ostracodes de Kritika (Pliocène supérieur, Rhodes, Grèce). *Rev. Micropal.*, 41(3):211-233.
- Hayashi, K., 1998, Nonmarine Ostracoda from the Lower Cretaceous Wakino Subgroup in Northern Kyushu, Japan. *Bull. Tokyo Gakugei Univ. Sect. 4*, 50:77-113.
- Herrig, E., and Frenzel, P., and Reich, M., 1997, Zur Mikrofauna einer Ober-Campan-Scholle von der Halbinsel Wittow (NW Ruegen/Ostsee) [On the microfauna of an Upper Campanian glacial erratic lump ("Scholle") from the Peninsula Wittow (Northwestern Ruegen/Baltic Sea)]. *Freiberger Forschungsheft, Reihe C (Palaeontologie, Stratigraphie, Fazies)*, 468 (Heft 5, Karl-Armin-Troeger-Festschrift), p. 129-169, 5 figs., 6 pls.
- Hinz-Schallreuter, I., 1998, Population Structure, Life Strategies and Systematics of Phosphatocope Ostracods from the Middle Cambrian of Bornholm. *Mitteilungen aus dem Museum fuer Naturkunde in Berlin, Geowissenschaftliche Reihe*, 1:103-134.
- Hinz-Schallreuter, I., and Schallreuter, R., 1998: Geschiebeforschung und Taxonomie. *Geschiebekunde aktuell* 14(3):81-84.
- Hinz-Schallreuter, I., and Schallreuter, R., 1998: Ostracoda. *Haeckel Buecherei*. Bd. 4: VIII + 168 pp
- Hirsch, F., Bassoulet, J.-P., Cariou, E., Conway, B., Feldman, H.R., Grossowicz, L., Honigstein, A., Owen, E.F. and Rosenfeld, A., 1998, The Jurassic of the Southern Levant: Biostratigraphy, paleogeography, and cyclic events. *Mem. Mus. Natn. Hist. Nat.*, 179:213-235.
- Horne, D.J., Baltanas, A., and Paris, G., 1998, Geographical distribution of reproductive modes in living non-marine ostracods, in: Martens, K. (ed.), *Sex and parthenogenesis: evolutionary ecology of reproductive modes in nonmarine ostracods*, Backhuys, Leiden, The Netherlands, p. 77-99.
- Horne, D.J., Danielopol, D.L., and Martens, K., 1998, Reproductive behaviour in non-marine ostracods. In: Martens, K. (ed.), *Sex and Parthenogenesis: evolutionary ecology of reproductive modes in non-marine ostracods*. Backhuys Publ., Leiden, p. 157-195.
- Horne, D.J., and Martens, K., 1998, An assessment of the importance of resting eggs for the evolutionary success of Mesozoic nonmarine cypridoidean Ostracoda (Crustacea). *Arch. Hydrobiol., Spec. Issues Advanc., Limnol.* 52:549-561.
- Horne, D.J., K. Martens, and F. Mossbacher, 1998, A short note: Is there brood selection in *Darwinula stevensoni*? In: S. Crasquin-Soleau, E. Braccini, and F. Lethiers (eds.), What about Ostracoda! Actes du 3e Congrès Européen des Ostracodologistes, Paris-Bierville,

France 8-12 juillet 1996. *Bulletin des Centres de Recherches Exploration-Production Elf-Aquitaine*, 20:33-35.

Horne, D.J., and Moesslacher, F., 1998, Geographical parthenogenesis in marine Ostracoda (ABSTRACT), in Crasquin-Soleau, S., Braccini, E., and Lethiers, F. (eds), What about Ostracoda! Actes du 3e Congres Europeen des Ostracodologistes, Paris-Bierville, France, 8-12 Juillet 1996, *Bull. Centre Rech. Elf Explor. Prod., Mem.* 20:411- 412.

Hu, F.S., Curry, B.B., Ito, E., Brown, T.A., Engstrom, D.R., Ahlberg, K., Boedigheimer, A., and McEwan, R.F., 1998, Climatic variations in the northwestern Alaska Range during the last two millennia. *Paleotimes VI*, Spring 1998.

Hu, F.S., Ito, E., Brubaker, L.B., and Anderson, P.M., 1998, Ostracode geochemical record of Holocene climatic change and implications for vegetational response in the northwestern Alaska Range. *Quaternary Research*, 49:86-95.

Hussain, S. M., 1998, Recent benthic Ostracoda from the Gulf of Mannar, off Tuticorin, southeast coast of India. *Jour. Pal. Soc. India*, 43:1-22.

Ikeya, N., Jellinek, T., and Tsukagoshi, A., 1998, *Cythere pumila* Brady 1866 (Crust., Ostracoda): Variation or speciation? An example from Recent south Australian shores. *Paleontologische Zeitschrift*, 72(3-4):311-324. [This publication includes the new genus *Ambolus* and the new species *Ambolus coniunctus*]

Irizuki, T., 1998, Ostracode faunal changes after the mid-Neogene climatic optimum elucidated in the Middle Miocene Kobata Formation, Central Japan. *Palaeontological Research*, 2(1):30-46.

Irizuki, T., 1998, Paleoenvironmental changes during the last post-glacial period on the western coast of the Miura Peninsula, Kanagawa Prefecture, Central Japan: Fossil ostracode fauna and event deposits in bore hole cores. *Fossils (Palaeontological Society of Japan)*, 64:1-22.

Ito, E., and Curry, B.B., 1998, Last interglacial ostracode shell chemistry and assemblage from Pittsburg Basin, Illinois. *Geological Society of America Annual Meeting*, Toronto, Ontario, Canada, Programs With Abstracts, 30(7):A-260.

Johnson, N.A., 1998, English Ostracod Biogeography of the Cenomanian-Turonian Oceanic Anoxic Event. Biogeographie des ostracodes anglais durant l'évenement anoxique du Cenomanien-Turonien, In: Crasquin-Soleau, S., Braccini, E. and Lethiers, F. (eds). What about Ostracoda! Actes du 3e Congres Europeen des Ostracodologistes, 1996. *Bull. Centre rech. Explor. Prod., Mem.* 20:369-374.

Jones, P. J., and Metcalfe, I., 1998, Carboniferous biogeography of Australasian Fauna and Floras. *Newsletter on Carboniferous Stratigraphy, IUGS Subcommission on Carboniferous Stratigraphy*, 16:16-19.

Julia, R., Burjachs, F., Dasí, M.J., Mezquita, F., Miracle, M.R., Roca, J.R., Seret, G. and Vicente, E., 1998, Meromixis origin and recent trophic evolution in the Spanish mountain lake La Cruz. *Aquatic Sciences*, 60(4):279-299.

Julia, R., Giralt, S., Burjachs, F., Roca, J. R., and Wansard, G., 1998, Short climate events in the Mediterranean Iberian Peninsula during the Late glacial and Early Holocene transition. *Terra Nostra*, 98(6):65-69.

Kaesler, R. L., 1998, A sign of the Times. *American Paleontologist*, 6(3):10-11.

- Kaesler, R. L., Krebs, J. W., and Miller, D. L., 1998, Taxonomy and the security of databases. *Geological Society of America Abstracts with Programs*, 30:A-264.
- Keyser, D., and Nagorskaya, L., 1998, Ostracods in the vicinity of Minsk, Belarus. *Mitt. hamb. zool. Mus. Inst.*, 95:115-131.
- Kontrovitz, M., and Puckett, T. M., 1998, Ocular shell structures in some Cretaceous trachyleberid Ostracoda. *Micropaleontology*, 44(2):201-206.
- Kontrovitz, M., Pani, E. A., and Bray, H., 1998, Crushing strength of some podocopid ostracodes: An aspect of taphonomy. *Palaios*, 22(5):499-506.
- Kotlia, B.S., Hinz-Schallreuter, I., Schallreuter, R., and Schwarz, J., 1998, Evolution of Lamayuru palaeolake in the Trans Himalaya: Palaeoecological implications. *Eiszeitalter und Gegenwart*, 48:177-191.
- Krstic, N., 1998a, Caspiabackish, endemic and freshwater ostracodes in the Pliocene of Metohia. (in Serbian, summary English), with drawings; *XIII kongr. Geol. Jug., II. Reg. geol. strat. paleont.*, p. 283-296, Herceg Novi.
- Krstic N., 1998b, Neogene cyclostratigraphy of Yugoslavia. (in Serbian, summ English); *XIII kongr. Geol. Jug., II. Reg. geol. strat. paleont.*, p. 297-304, Herceg Novi.
- Krstic N., 1999a: Lacustrine and marine sequences of the Paratetys - discrepancy of "half a step behind" (with a column). Abstracts, *Second Limnogeol. Congr.*, Brest
- Krstic N., 1999b: Four lacustrine systems of the Balkan Peninsula which succeeded each other. Abstracts, *II Limnogeol. Congr.*, Brest.
- Krutak, P. R., 1998a, Paleoecology of Larger Foraminifera from the *Heterostegina* Zone, Gulf Coast Tertiary, USA. in Special Publication, July 5, 1998, *International Symposium on Foraminifera* (eds. Longoria, J. F. and Gamper, M. A.), Abstracts with Programs, p. 59.
- Krutak, P. R., 1998b, Geologic studies in Nuevo León, NE Mexico. in Special Publication, July 5, 1998, *International Symposium on Foraminifera* (eds. Longoria, J. F. and Gamper, M. A.), Abstracts with Programs, p. 117.
- Krutak, P. R., 1998c, The K/T Boundary Outcrops in Tamaulipas, NE Mexico. Special Publication, July 5, 1998, *International Symposium on Foraminifera* (eds. Longoria, J. F. and Gamper, M. A.), Abstracts with Programs, p. 67.
- Krutak, P. R., 1998d, *Heterostegina* Zone Larger Foraminifera: Indicators of a hydrocarbon-rich rimmed carbonate shelf, Gulf Coast Tertiary, USA. *Annual Meeting of the Geological Society of America*, Toronto, Ontario, GSA Abstracts, 30(7):A-26.
- Kuglitsch, J.J., 1998, Lower Silurian (Aeronian) Ostracode Faunas of the northwestern Michigan Basin Burnt Bluff Group [abs.]. *Geological Society of America Abstracts with Programs*, 30(2):29-30.
- Kukhtinov, D.A., 1998, The change of terrestrial biota at the Permian - Triassic boundary in East Europe. 4.4. Ostracodes, in the Permian – Triassic boundary in the continental series of east Europe. Int. Symp. "Upper Permian Stratotypes of the Volga region". *Geos.* p. 90-96.
- Kulkoyluoglu, O., 1998, Freshwater Ostracoda (Crustacea) and their quarterly occurrence in Samlar Lake (Istanbul, Turkey). *Limnologica*, 28(2):229-235.
- Kulkoyluoglu, O., 1998, Freshwater Ostracoda (Crustacea) from the Crater Lake National

Park (Oregon): a preliminary survey on the freshwater ostracodes. A report prepared for the *Crater Lake Natural History Association*.

Kulkoyluoglu, O., and Vinyard, G. L., 1998, New bisexual form of *Cavernocypris subterranea* (Wolf, 1920) (Ostracoda, Crustacea) from Idaho. *Great Basin Naturalist*, 58(4):380-385.

Laprida, C., 1998, Micropaleontological assemblages (Foraminiferida and Ostracoda) from Late Quaternary marginal marine environments (Destacamento Rio Salado Formation), Salado Basin, Argentina. *Revue de Paléobiologie*, 17(2):461-478.

Lethiers, F., 1998, Evolution de la biosphère et événements géologiques. Gordon, and Breach Academic publishers. 321 p.

Lethiers, F., Baudin, F., and Casier, J.-G., 1998, Ostracodes de la limite Frasnien-Famennien en environnement anoxique (La Serre, Montagne Noire, France). *Revue de Micropaléontologie*, 43(4):321-336.

Lethiers, F., and Casier, J.-G., 1998, La reconquête des mers au Famennien basal. Rés. Symp. Int. Paléodiversifications terres et mers comparées, Lyon, 6-8 juillet 1998, p. 41.

Lethiers, F., and Casier, J.-G., 1998, Taxons "Lazares" et "Elvis": à consommer avec précaution. Rés. 2è Congrès français Strati.-Strati. 2000, p. 112.

Lethiers, F., Depeche, F., and Boudchiche, L., 1998, Les Entomozoidés ont-ils survécu jusqu'au Jurassique supérieur? In: Crasquin-Soleau, S., Braccini, E., and Lethiers, F. (eds.): What about Ostracoda! 3^o Congrès Européen des Ostracodologistes (Paris-Bierville, 1996). *Bull. Centres Rech. Explor. Prod. Elf - Aquitaine*, Pau, Mém 20:414.

Lethiers, F., Damotte, R., and Whatley, R., 1997, Evidence of brooding behaviour in Permian non-marine Ostracoda (Crustacea). *Lethaia*, 290:219 - 223.

Li Yuan-Fang, 1998, Ostracoda of TS-95 Borehole. In Shi Yafeng, Li Jijun and Li Bingyuan (eds.), *Uplift and environmental changes of Qinghai-Xizang (Tibetan) Plateau in the Late Cenozoic*. p. 227-230.

Lundin, R. F. and Friedman, G. M., 1998, *Sollenella?* sp.: Additional isochilinid ostracode specimens from a freshwater back-swamp fluvial facies (Upper middle Devonian), Catskill Mountains, New York. *Northeastern Geology and Environmental Sciences*, 20(3):242-243.

Maher, L.J., Jr., Miller, N.G., Baker, R.G., Curry, B.B., and Mickelson, D.M., 1998, Paleobiology of the sand beneath the Valdres diamicton at Valdres, Wisconsin. *Quaternary Research*, 49:208-221.

Majoran, S., 1998, On *Ginginella maudriseensis* Majoran sp. nov. *A Stereo-Atlas of Ostracod Shells*, 25:1-4.

Majoran, S., Kucera, M., and Widmark, J.G.V., 1998, Maastrichtian deep-sea ostracods from DSDP/ODP Sites 327, 356, 525, 527, 528, 529 and 698 in the South Atlantic. *Revista Espanola de Micropaleontologia*, 30(3):59-73.

Majoran, S., and Widmark, J.G.V., 1998, Response of deep-sea ostracod assemblages to Late Cretaceous palaeoceanographical changes: ODP Site 689 in the Southern Ocean. *Cretaceous Research*, 19:843-872.

Malec, J., and Turnau, E., 1997, Middle Devonian Conodont, Ostracod and Miospore Stratigraphy of the Grzegorzowice-Skaly Section, Holy Cross Mountains, Poland: *Bull. Pol.*

Mallikarjuna, U. B., Sugumaran, S. and Nagaraj, H. M., 1998, Ostracode fauna from the Patti Formation (Late Cretaceous), Vridhachalam area, Tamil Nadu, Southern India. *Palaeobotanist*, 46:133-140.

Mannikeri, M. S., and Vaidya, A. S., 1997, Review of Recent Ostracoda from Indian Coastal margins, in Nayak, G. N. (ed.), *Beach, Estuary and Shelf of India*, Scorpio Publishers, Delhi.

Martens, K. (ed.), 1998, Sex and Parthenogenesis – evolutionary ecology of reproductive modes in nonmarine ostracods. Backhuys Publ., Leiden, 321 pp (ISBN 90-5782-017-X).

Martens, K., 1998, Diversity and endemism of Recent nonmarine ostracods (Crustacea, Ostracoda) from Africa and South America: a faunal comparison. *Verhandlungen der Internationalen Vereins für Limnologie*, 26(4):2093- 2097.

Martens, K., 1998, Evolution and biodiversity in Lake Baikal. In: Kozhova, O., and Istmes'teva, L. (eds.). Lake Baikal. Backhuys Publ., Amsterdam: xiii-xiv.

Martens, K., 1998, General morphology of nonmarine Ostracoda. In: Martens, K. (ed.), Sex and Parthenogenesis – evolutionary ecology of reproductive modes in nonmarine ostracods. Backhuys Publ., Leiden, p. 57-75.

Martens, K., 1998, Preface: to mate or not to mate. In: Martens, K. (ed.) 1998, Sex and Parthenogenesis – evolutionary ecology of reproductive modes in nonmarine ostracods. Backhuys Publ., Leiden, xiii-xvi.

Martens, K., 1998, Sex and ostracods: a new synthesis. In: Martens, K. (ed.), Sex and Parthenogenesis – evolutionary ecology of reproductive modes in nonmarine ostracods. Backhuys Publ., Leiden, p. 295-321.

Martens, K., Geiger, W., and Rossetti, G., 1998, Intraspecific morphological variability in limbs, in Martens, K. (ed.), Sex and Parthenogenesis – evolutionary ecology of reproductive modes in nonmarine ostracods. Backhuys Publ., Leiden, p. 143-155.

Martens, K., Horne, D.J., and Griffiths, H.I., 1998, Age and diversity of nonmarine ostracods, in Martens, K. (ed.), Sex and Parthenogenesis – evolutionary ecology of reproductive modes in non-marine ostracods. Backhuys Publ., Leiden, p. 37-55.

Martens, K., G. Rossetti, and A. Baltanas, 1998, Reproductive modes and taxonomy, in Martens, K. (ed.), Sex and Parthenogenesis – evolutionary ecology of reproductive modes in nonmarine ostracods. Backhuys Publ., Leiden, p. 197-214.

Martens, K., Rossetti, G., and Fuhrmann, R., 1997, Pleistocene and Recent species of the family Darwinulidae Brady and Norman, 1889 (Crustacea, Ostracoda) in Europe, *Hydrobiologia*, 357: 99 - 116.

Martens, K., Rossetti, G., Geiger, W., 1998, Intraspecific morphological variability in limbs. In: Martens, K. (ed.), Sex and Parthenogenesis: Evolutionary Ecology of Reproductive Modes in Nonmarine Ostracods. Backhuys Publ., Amsterdam, p. 143-155.

Martens, K., and Schön, I., 1998, Crustacean biodiversity in ancient lakes: a review. *Fourth International Crustacean Congress*, p. 42.

Martens, K., and Schön, I., 1998, Reproductive mode and habitat stability: the example of ancient lake Ostracoda (Crustacea).

Martens, K., Wouters, K., Mazepova, G., and Schön, I., 1998, Geniation and the genus concept in ancient lakes. 27th S.I.L. Congress, Dublin, Book of Abstracts, p. 176.

Martens, K., Würdig, N.L., and Behen, F., 1997. Maxillopoda. Nonmarine Ostracoda, in Young, P.S. (ed.), Catalogue of Crustacea of Brazil. Rio de Janeiro: *Museu Nacional, Série Livros* 6:45-65.

Martin, P. Granina, L., Martens, K., and Goddeeris, B., 1998, Oxygen concentration profiles in sediments of two ancient lakes, Lake Baikal (Siberia, Russia) and Lake Malawi (East Africa). *Hydrobiologia*, 367:163-174.

Martin, P., Granin, L., Martens, K., and Goddeeris, B., 1998, Sediment oxygen penetration depths in ancient lakes: a comparison between Lake Baikal (Siberia) and Lake Malawi (East Africa). 27th S.I.L. Congress, Dublin, Book of Abstracts, p. 73.

Maselli Scotti F., Degrassi V., Franchini D., Montenegro M.E. Pugliese N., 1996, Aquileia: a prehistorical human setting. Proceed. XIII Int. Congr. Prehist. Prohist.Sciences, 4:827-833.

Matsukawa, M., Ito, M., Hayashi, K., Takahashi, O., Yang, S. Y., and Lim, S. K., 1998, Evaluation of nonmarine bivalves as chronological index, based on examples from the Lower Cretaceous of East Asia. *New Mexico Museum of Natural History and Science Bulletin*, 14:125-133.

McKenzie, K.G., Benassi, G., Ferrari, I., 1997, Amphipods, Euphausiids, Mysids, Ostracods and Chaetognaths. In: Guglielmo L., Ianora A. (eds) "Atlas of Marine Zooplankton/Straits of Magellan", 2:157-239.

Meisch, C., and L. Forro, 1998, Checklist of Recent Ostracoda (Crustacea) from Hungary. *Miscellanea Zoologica*, 11(1997):33-48.

Melnikova, M., 1998, Revision of some Cambrian bradoriids (Crustacea) from Siberian platform. *Paleont. Zhurn.*, 4:36-40.

Melnikova, M. and Ivantsov, A.Yu., 1998, The Lower Ordovician Volkhov and Kunda Horizons and characteristics of trilobites and ostracodes (the Volkhov River, Leningrad Region), in *Stratigraphy and Geological Correlation*, 6(5):471-481.

Mihajlovic, Dj., Rundic, Lj., Mitrovic, S., and Dulic, I., 1998, Miocene microfossils of the NE Bosnia and Serbia: biostratigraphy and paleoenvironmental indicators. XVI *Congr. Carpath. Balkan. Geol. Assoc.*, Abstracts: p. 383.

Mitrovic, S., and Rundic, Lj., 1998, On the need for modern terminology in stratigraphy and biostratigraphy. XIII *Yugoslav. Geol. Congr.*, 2:81-91, Herceg Novi (in Serbian).

Monostori, M., 1997, Middle Triassic basin evolution of the Balaton Highland (Hungary) based on sedimentological and paleoecological studies, in Voros, A., Budai, T., Lelkes Gy., Monostori, M., Palfy, J., (eds.) *Földtani Közlöny*, 127:145-175. pl. I-VI. (in Hungarian with English abstract)

Monostori, M., 1998, Eocene ostracods of Hungary. Systematical part 2 (Cytheracea 2). *Hantkeniana*, 2:49-101, pl. 1-17.

Morales, J. A., Ruiz, F., and Jimenez, I., 1997, Papel de la sedimentación estuarina en el intercambio sedimentario entre el continente y el litoral: el estuario del río Guadiana (SO de España-Portugal). *Revista de la Sociedad Geologica de España*, 10(3-4):309-325.

Mourguiart, P., and Correge, T., 1998, Ecologie et paléocologie des Ostracodes actuels et

holocènes de l'Altiplano. In: Crasquin-Soleau, S., Braccini, E., and Lethiers, F. (eds.): What about Ostracoda! 3^e Congrès Européen des Ostracodologistes (Paris-Bierville, 1996). *Bull. Centres Rech. Explor. Prod. Elf - Aquitaine*, Pau, Mém. 20:103 - 116.

Namiotko, T., 1998, Changes in the profundal lacustrine ostracod fauna as an indicator of environmental perturbations in Polish lakes undergoing eutrophication, in What about Ostracoda, Crasquin-Soleau, S., Braccini, E., and Lethiers, F. (eds.), Proc. 3rd European Ostracodologists Meeting, Paris-Bierville (France), 1996: *Bull. Centre Rech. Elf Explor. Prod.*, Mem. 20:117-124.

Neil, J. V., 1998, A Late Palaeocene ostracod fauna from the Pebble Point Formation, southwest Victoria. *Proceedings of the Royal Society of Victoria*, 109(2):167-197.

Neustrueva I.Yu., 1998, Evolution of limnic Ostracods from Paleozoic to Mesozoic in Northern Hemisphere in relation to Geological and Climatic events. In: What about Ostracoda. 3rd European Ostracodologists Meeting. Paris - Bierville, France, 8-12 Juillet 1996. *Bull. Centre Rech. Elf Explor. Prod. Mem.* 20:420.

Nikolaeva, Irina, 1998, New Late Paleocene ostracods from the Southern Transural, *Paleontol. Zhurn.*

Nikolaeva, Irina, 1998, Upper Eocene and Lower Oligocene ostracods of Ukraine, the Crimea-Caucasus and Aral- Turgay regions and Middle Asia, in Late Eocene / Early Oligocene geological and biotical events on the territory of the former Soviet Union, Pt II, Geos Moskow.

N'Zaba-Makaya, O., Andreu, B., Rey, J., Brunel, F., Mouterde, R., and Rocha, B. R., 1998, Les peuplements d'ostracodes dans le Domérien du Bassin Lusitanien. *Comunicações, Act. do 5^o Cong. Nat. Geol., Inst. Geol. e Min.*, 84:1.

Oertli, H. J., 1998, Nicolas Grekoff, 1907-1997. *Rev. Micropal.*, 41(2):175 - 178.

Olempska, E., 1998, Ontogeny and sexual dimorphism in *Ungarella* (Rhomboentomozoidae) (abstract), in What about Ostracoda, Crasquin-Soleau, S., Braccini, E., and Lethiers, F. (eds.), Proc. 3rd European Ostracodologists Meeting, Paris-Bierville (France), 1996. *Bull. Centre Rech. Elf Explor. Prod.*, Mem. 20:420-421.

Otero M., Rossi, V., Baltanas, A., and Menozzi, P., 1998, Effect of genotype and photoperiod on diapause strategies in *Eucypris virens* (Jurine, 1820) (Crustacea: Ostracoda). *Arch. Hydrobiol. Spec. Issues Advanc. Limnol.* 52:229- 236.

Palmer, D.F., Smith, A.J., Ito, E., and Forester, R., 1998, Field calibration of oxygen isotope signatures in non-marine ostracodes. *GSA Annual Meeting*, October 1998, Toronto, Canada.

Park, L., Cohen, A.S., Alin, S., and Martens, K., 1998, Sex ratio bias in freshwater ostracods: an example from Lake Tanganyika, East Africa. *I.A.G.L.R.*

Park, L., Cohen, A.S., Alin, S., and Martens, K., Ecology and speciation of the ostracod clade *Gomphocythere* in Lake Tanganyika, East Africa. *27th S.I.L. Congress*, Dublin, Book of Abstracts, p. 176.

Parker, A.R., 1998, Colour in Burgess Shale animals and the effect of light on evolution in the Cambrian. *Proceedings of the Royal Society of London: Biological Sciences*, 265:967-972.

Parker, A.R., 1998, The diversity and implications of animal structural colours. *Journal of Experimental Biology*, 201:2343-2347.

- Parker, A.R., 1998, Exoskeleton, distribution, and movement of the flexible setules on the myodocopine (Ostracoda: Myodocopa) first antenna. *Journal of Crustacean Biology*, 18:95-110.
- Parker, A.R., 1998, Two new cypridinid genera and species from New South Wales, Australia (Crustacea: Ostracoda: Myodocopina). *Records of the Australian Museum*, 50:1-7.
- Parker, A.R., 1998, *Vargula karamu*, a new species of luminescent ostracod (Cypridinidae, Myodocopina) from a baited trap off Tasmania, Australia. *Journal of Natural History*, 32:645-660.
- Parker, A.R., Hegedus, Z. and Watts, R.A., 1998, Solar-absorber type anti reflector on the eye of an Eocene fly (45Ma). *Proceedings of the Royal Society of London: Biological Sciences*, 265:811-815.
- Parker, A.R., McKenzie, D.R., and Ahyong, S.T., 1998, A unique form of light reflector and the evolution of signalling in *Ovalipes* (Crustacea: Decapoda: Portunidae). *Proceedings of the Royal Society of London: Biological Sciences*, 265:861-867.
- Parker, A.R., McKenzie, D.R., and Large, C.J., 1998, Multilayer reflectors in animals using green and gold beetles as contrasting examples. *Journal of Experimental Biology*, 201:1307-1313.
- Pascual, A., Weber, O., Rodriguez-Lazaro, J., Jouanneau, J.-M., and Pujos, M., 1998, Le comblement de la Ria de Gernika (Golfe de Gascogne) à l'Holocène terminal. *Oceanologica Acta*, 21(2):263-269.
- Peng Jin-Lan, Zhang Hu-Cai, and Ma Yu-Zhen, 1998, Late Pleistocene limnic ostracods and their environmental significance in the Tengger Desert, Northwest China. *Acta Micropalaeontologica Sinica*, 15(1):22-30.
- Prieto, A., Stutz, S., Ferrero, L., Espinosa, M., De Francesco, C. E., and Isla, F., 1998, Evidencias de una transgresión holocénica en la laguna Hinojales. *Jornadas Geológicas y Geofísicas Bonaerenses, Actas*, 2:257.
- Quade, J., Forester, R. M., Pratt, W. L., and Carter, C., 1998, Black mats, spring-fed Streams, and Late-Glacial-Age recharge in the Southern Great Basin. *Quaternary Research*, 49:129-148.
- Reich, M., and Frenzel, P., 1997, Onychiten (Cephalopoda, Coleoidea) aus der Schreibkreide (Unter-Maastrichtium) der Insel Rügen (Ostsee) [Onychits (Cephalopoda, Coleoidea) from the White Chalk (Lower Maastrichtian) of Rügen (Baltic Sea)]. *Greifswalder Geowissenschaftliche Beitrage*, 4:121-124, 3 figs.

- Rio, M., Bodergat, A.M., Carbonnel, G., and Keyzer, D., 1997, Anisotropie chimique de la carapace des ostracodes. Exemple de *Leptocythere psammophyla*. *C.R. Acad. Sc. Paris*, 234:827-834.
- Rio, M., Bodergat, A.M., Carbonnel, G., and Keyzer, D., 1998, Heterogeneity in the distribution of elements in the carapace of Ostracoda: the example of *Leptocythere psammophyla*. In: Crasquin-Soleau, S., Braccini, E., and Lethiers, F. (eds.): What about ostracoda! 3^o Congrès Européen des Ostracodologistes (Paris-Bierville, 1996). *Bull. Centres Rech. Explor. Prod. Elf - Aquitaine*, Pau, Mém. 20:424.
- Rodriguez-Lazaro, J., Elorza, J. and Pascual, A., 1998, Cenomanian events in the deep western Basque Basin: the Leioa section. *Cretaceous Research*, 19:673-700.
- Ronchi, A., Broutin, J., Diez, J. B., Freytet, P., Galtier, J., and Lethiers, F., 1998, New palaeontological discoveries in some Early Permian sequences of Sardinia. Biostratigraphic and palaeogeographic implications. *C.R. Acad. Sc. Paris*, 32.
- Rosenfeld, A. and Honigstein, A., 1998, Kimmeridgian ostracodes from Haluza Formation in Israel. *Revista Espan. Micropaleont.*, 30(2):72-81.
- Rosenfeld, A., Hirsch, F., Honigstein, A. and Raab, M., 1998, The paleoenvironment of Early Cretaceous in Israel. *Bull. Centre Rech. Elf Explor. Prod. Mem.* 20:179-195.
- Rossetti G., Eagar, S., Martens, K., 1998, On two new species of the genus *Darwinula* (Crustacea, Ostracoda) from New Zealand. *Ital. J. Zool.*, 65:325-332.
- Rossetti, G., Horne, D.J., and Martens, K., 1998, On *Darwinula stevensoni* Brady and Robertson. *A Stereo-Atlas of Ostracod Shells*, 25(4):17-22.
- Rossetti, G., and K. Martens, 1998, Taxonomic revision of the Recent and Holocene representatives of the Family Darwinulidae (Crustacea, Ostracoda), with a description of three new genera. *Bulletin van het Koninklijk Belgisch Instituut voor Natuurwetenschappen, Biologie*, 68:55-110.
- Rossetti, G., Horne, D.J., and Martens, K., 1998, On *Darwinula stevensoni* (Brady and Robertson). *Stereo-Atlas of Ostracod Shells*, 25:17-22.
- Rossi, V., Schön, I., Butlin, R.K., and Menozzi, P., 1998, Clonal genetic diversity, in Martens, K. (ed.), Sex and parthenogenesis - evolutionary ecology of reproductive modes in nonmarine ostracods. Bakhuis Publ., Leiden, p. 257- 274.
- Rouch, R., and Danielopol, D.L., 1997, Species richness of microcrustacea in subterranean freshwater habitats, comparative analysis and approximate evaluation. *Int. Rev. Hydrobiol.*, 82:121-145.
- Ruiz Muñoz, F., and Gonzalez-Regalado, M. L., 1997, Aportaciones de los ostracodos a la evolucion del canal mareal Domingo Rubio (Rio Tinto, SW España). *Geogaceta*, 21:191-193.
- Ruiz Muñoz, F., Gonzalez-Regalado, M. L., and Muñoz Pichardo, J. M., 1998, Análisis de poblaciones en ostrácodos: el genero *Urocythereis* en medios actuales y neogenos del SO de España. *Geobios*, 31(1):61-74.
- Ruiz, F., Gonzalez-Regalado, M. L., and Morales, J. A., 1997, Ecología de ostracodos en medios estuarinos: el subsistema Carreras (Río Guadiana, S. O. de España). *Estudios Geologicos*, 53:249-262.

Rundic, Lj., 1998, The carapace of fossil ostracodes: paleoenvironmental indicators. *Ann. Geol. Pen. Balk.*, 62:165-177.

Said-Benzarti, R., and Crasquin-Soleau, S., 1998, Les Ostracodes du Permien supérieur de Tunisie reconnu en subsurface. *In: Crasquin-Soleau, S., Braccini, E., and Lethiers, F. (eds.): What about ostracoda! 3^o Congrès Européennes Ostracodologistes (Paris-Bierville, 1996).* *Bull. Centres Rech. Explor. Prod. Elf - Aquitaine*, Mém. 20:213-229.

Savelieva, J., 1998, Distribution of ostracodes at the Cretaceous/Paleogene boundary level in the Southern realm of Northern Eurasia, *in Problems of Geology and Exploration, International Conference dedicated to the 275th anniversary of St. Petersburg State University*, St. Petersburg, p. 81-82.

Savelieva, J., 1998, Marine ostracodes from the boundary level between Mesozoic and Cainozoic in the successions of Western Turkmenia, *in Problems of Geology and Exploration, 2nd International Scientific Conference named after Academician M.A. Usov*, Tomsk, Abstracts 1:43-44.

Savelieva, J., 1998, Ostracods from the Meso/Cainozoic boundary interval in southwestern Crimea. In scientific session dedicated to the 90th anniversary of Prof. M.V.Muratov, Moscow, Abstracts, p. 33.

Schallreuter, R., and Hinz-Schallreuter, I., 1998: Ein Geschiebe aus Armorica im Thueringer Lederschiefer (Ordoviz). *Archiv fuer Geschiebekunde* 2(5):323-360.

Scharf, B.W., 1998, Eutrophication history of Lake Arendsee (Germany). *Palaeogeography, Palaeoclimatology, Palaeoecology*, 140:85-96.

Scharf, B.W., 1998, Lebende Muschelkrebse (Crustacea, Ostracoda) aus der Elbe, *in Geller, W., Puncocchat, P., Bornhoeft, D., Boucek, J., Feldmann, H., Guhr, H., Mohaupt, V., Simon, M., Smrtak, J., Spoustova, Uhlmann, O. (eds.) Gewaesserschutz im Einzugsgebiet der Elbe 8. Magdeburger Gewaesserschutzseminar*. Leipzig (B.G. Teubner) p. 211- 212

Schellenberg, S. A., 1998, Ecological and evolutionary response of deep-sea ostracodes to the Eocene-Oligocene transition: High-resolution data from ODP Site 744, Kerguelen Plateau. *GSA Annual Meeting Abstracts with Programs*, A-286.

Schön, I., and Butlin, R.K., 1998, Genetic diversity and molecular phylogeny, *in Martens, K. (ed.), Sex and parthenogenesis - evolutionary ecology of reproductive modes in nonmarine ostracods*. Bakhuis Publ., Leiden, p. 275- 293.

Schön, I., and Martens, K., 1998 Sex determination in nonmarine ostracods, *in Martens, K. (ed.), Sex and parthenogenesis - evolutionary ecology of reproductive modes in nonmarine ostracods*. Bakhuis Publ., Leiden, p. 25- 36.

Schön, I., and Martens, K., 1998, Opinion: DNA repair in ancient asexuals: a new solution to an old problem? *Journal of Natural History*, 32:943-948.

Schön, I., Butlin, R.K., Griffiths, H.I., and Martens, K., 1998, Slow evolution in an ancient asexual ostracod. *Proceedings of the Royal Society, London, B*, v. 265, p. 235-242.

Schön, I., Di Masso, E., Gandolfi, A., Griffiths, H.I., Verheyen, E., and Butlin, R.K., 1998, The application of molecular techniques to the study of ostracods, *in Crasquin-Soleau, S., Braccini, E., and Lethiers, F. (eds.) What about Ostracoda! Actes du 3e Congrès Européen des Ostracodologistes, Paris-Bierville, France 8-12 juillet 1996. Bulletin des Centres de Recherches Exploration-Production Elf-Aquitaine*, 20:47-52.

Schön, I., Verheyen, E., and Martens, K., 1998, The effects of reproductive mode and multiple invasions on speciation in ancient lake ostracods: comparative molecular genetics of Baikalian *Cytherissa* (Crustacea, Ostracoda). *Ecological Genetics. Isolation by distance*, p. 27.

Schön, I., Verheyen, E., and Martens, K., 1998, Biodiversity and molecular phylogeny - ostracods from ancient lakes. *5th Benelux Congress of Zoology*, p. 39.

Schön, I., Verheyen, E., and Martens, K., 1998, Speciation in ancient lake ostracods: comparative analysis of Baikalian *Cytherissa* and Tanganyikan *Cyprideis*. *27th S.I.L. Congress, Dublin, Book of Abstracts*, p. 176

Schornikov E.I., 1998, Class Ostracoda Latreille, 1806, in A checklist of biota of the Peter the Great Bay, the Sea of Japan, Adrianov, A.V. and Kussakin, O.G. (eds.), Vladivostok, Dalnauka, p. 224-229.

Schornikov, E.I., and Sokolenko, D.A., 1999, Ostracods as indicators of near-bottom water masses in the southern Peter the Great Bay, Sea of Japan. *Russian Journal of Marine Biology*, 25(2):180-183. (in Russian).

Schrenk-Bergt, Ch., Zwick, A.M., Scharf, B.W., Juettner, J., Schoenfelder, J., Facher, E., Casper, P., Wilkes, H., Steinberg, Ch., 1998, Palaeolimnologie: Vorteile und Grenzen bei der angewandten Limnologie. in Steinberg, C., Calamo, W., Klapper, H., Wilken, R.D. (eds.) *Handbuch der Angewandten Limnologie* 6. Erg. Lfg. 10(98):1-49.

Schudack, M., Turner, C. and Peterson, F., 1998, Biostratigraphy, paleoecology, and biogeography of charophytes and ostracodes from the Upper Jurassic Morrison Formation, Western Interior, U.S.A. *Geology*, 22:379-414.

Schudack, M., 1997, Ostracoda (marine/nonmarine) and palaeoclimate history in the late Jurassic of Central Europe and North America. *Marine Micropaleontology* (Spec. Volume Intern. Ostr. Symp., Chatham).

Schwalb, A. and Dean, W.E., 1998, Stable isotopes and sediments from Pickerel lake, South Dakota, USA: a 12 kyr record of environmental changes. *J. Paleolimnology*, 20:15-30.

Schwalb, A., Hadorn, P., Thew, N. and Straub, F., 1998, Evidence for Late-Glacial and Holocene environmental changes from subfossil assemblages and sediments of Lake Neuchatel, Switzerland. *Palaeogeogr. Palaeoclim. Palaeoecol.* 140:307-323.

Sell, J., 1998, Carapace shape variability in the ostracode *Cyprinotus salinus* (Brady) from Polish populations, in What about Ostracoda, Crasquin-Soleau, S., Braccini, E., and Lethiers, F. (eds.), Proc. 3rd European Ostracodologists Meeting, Paris-Bierville (France), 1996: *Bull. Centre Rech. Elf Explor. Prod., Mem.* 20:25-129.

Shkolnik, E.L., and Schornikov, E.I., 1998, Fast phosphatization of ostracod and other organisms. *Bull. Moscow Soc. Testers of Nature. Geol. Dept.*, 73(1):47-56.

Skopcova, N. V., 1998, Yskopaemye ostrakody kak unikalnye yndykatory vremeny formyrovanya geologyceskyh y paleogeografyceskyh procesov u Holocene. Aktualnye problemy estestvoznns-nya, Minsk, p. 79-82.

Slipper, I.J., 1998, Turonian/Coniacian Ostracoda from Dover (S.E. England). Les ostracodes du Turonien/Coniaciende Douvres (S.E. Angleterre), in Crasquin-Soleau, S., Braccini, E. and Lethiers, F. (eds). What about Ostracoda! Actes du 3e Congres Europeen des Ostracodologistes, 1996. *Bull. Centre rech. Explor. Prod., Mem.* 20:375-391.

Smith, A.J., Donovan J., Ito, E., and Engstrom, D., 1997, Ground-water processes controlling a prairie lake's response to middle Holocene drought. *Geology*, 25:391-394.

Smith, A.J., and Tillman, J.R., 1997, Arthropoda, Class Crustacea, Subclass Ostracode, *In* Fossils of Ohio, Feldmann, R. (ed.), *Ohio Geological Survey Publication*.

Smolen J., 1998, Oxfordian microfauna in the North-Eastern margin of the Upper Silesian Coal Basin. *Prace Panstw. Inst. Geol.*, 378:207-221.

Sohn, I. G., and Swain, F. M., 1999, On the superfamily Darwinuloidacea, the type species of *Darwinuloidea* Mandelstam, 1956, and the status of *Cheikella* Sohn and Morris, 1963 (Ostracoda). *Journal of Paleontology*, 73(1):159-160.

Stanic N., and Krstic, N., 1998, Geological map of Metohia Pliocene (in Serbian, summ English); XIII kongr. Geol. Jug., II. *Reg. geol. strat. paleont.*, p. 305-310, Herceg Novi.

Sun Zhen-Cheng et al., 1997, Characteristics of Early Tertiary Saline Lake Deposition of Petroliferous Area in East China. *China Oil & Gas*, 4(1).

Sun Zhen-Cheng, Feng Xiao-Jie et al., 1997, Discovery of Neogene –Quaternary Foraminifera and Calcareous Nannofossils from Western China and its Geological significance. *Geoscience*, 11(3). (in Chinese).

Sun Zhen-Cheng, Feng Xiaojie et al., 1999, Cenozoic Ostracoda and paleoenvironments of the Northeastern Tarim Basin, Western China. *Palaeogeography, Palaeoclimatology, Palaeoecology* (papers of 13th International Symposium on Ostracoda, ISO'97, London)

Sun Zhen-Cheng, Yang Fan et.al., 1997, The Upper Tertiary and Quaternary System in the Northern Covered Area of Tarim Basin. Selected Papers of the International Symposium of Hydrocarbon Reservoir Formation Mechanism and Resources Evolution (University of Petroleum, Beijing), Petroleum Industry Press. p. 53-63. (in Chinese)

Sun Zhen-Cheng, Yang Fan, Li Dongming et al., 1997, Sedimentary Environments and Hydrocarbon Generation of Cenozoic Salified lakes in China. *Petroleum Industry Press*.

Swain, F. M., 1998, Ostracoda from the Swift Formation (Upper Jurassic) of Montana and Wyoming. *Revista Espanola de Micropaleontologia*, 30(1):139-158.

Szczuchura J., 1998, The distribution of *Triebelina raripila* and *Carinocythereis carinata* from the Middle Miocene of the Central Paratethys and their palaeogeographic implications. *J. Micropalaeont.* 17:125-130.

Tambareau, Y., 1998, Comparative study of the changes in Eocene deep sea and shallow marine ostracod assemblages and of their significance. *In: "Forams' 98" (Monterrey), Soc. Mex. Pal.*, A.C., sp. publ. (abstracts), p. 103-104.

Tambareau, Y., Babinot, J.F., Colin, J.P., Crasquin, S., and Vannier, J., 1998, Henri J. Oertli Prix Millot 1998. *Soc. géol. France, Paris, Lettre semestrielle*, Juin 1998, p. 15.

Tian Guo-Qiang and Wang Qiang, 1997, Discovery of *Propontocypris* in Wuhe of Anhui and Nanpi of Hebei as well as the discussion on sudden change event at ca. 2ka B.P. *Acta Geoscientia Sinica*, 18(4):430-444 (in Chinese with English abstract).

Tsukagoshi, A., 1998, Character displacement on ostraco male copulatory organ. *Proceedings of the Japanese Society of Systematic Zoology* 5:19-20. (in Japanese)

Tsukagoshi, A., 1998, Evolution of ostracod segmentation, Seibutu Kagaku. *Biological*

Science, 49(4):199- 205, Nobunkyo, Tokyo. (in Japanese).

Tsukagoshi, A., 1998, On *Callistocythere pumilai* Hanai, 1957. *Stereo-Atlas of Ostracod Shells*, 25.

Tsukagoshi, A., 1998, On *Cythere hanaii* Tsukagoshi and Ikeya, 1987. *Stereo-Atlas of Ostracod Shells*, 24(2):5-12.

Tsukagoshi, A., 1998, Report on 13th International Symposium on Ostracoda, Taxa. *Proceedings of the Japanese Society of Systematic Zoology*, 4:30-31. (in Japanese)

Tsukagoshi, A., and Briggs, W. M., 1998, On *Schizocythere ikeyai* Tsukagoshi and Briggs sp. nov. *Stereo-Atlas of Ostracod Shells*, v. 25(10):43-52.

Tsukawaki, S., Kamiya, T., Ozawa, H., and Kato, M., 1998, Preliminary results on the sediment samplings during the R.V. Tansei-maru Cruise KT96-17 Leg 2 in the southwestern part of the Japan Sea – Sediments, benthic foraminifers and ostracodes. *Bull. Jap. Sea Res. Inst.*, 29:67-89.

Uffendorde, H., 1998, Ueber Meeresspiegelschwankungen im Tertiaer Norddeutschlands: Ostrakoden als Indikatoren? *Sonderveroeffentlichungen, Geologisches Institut der Universitaet zu Koeln*, 114:469 - 483.

Van Harten, D., 1998, Deep-sea ostracode diversity, evolution and palaeoceanographic events. *Proceedings and Abstracts of the 4th Int. Crustacean Congress*, Amsterdam, 20-24 July 1998, p. 44.

Vance, R., Last, W., and Smith, A.J., 1997, Hydrologic and climatic implications of a multidisciplinary study of late Holocene lake sediments from southeastern Saskatchewan, Canada. *J. Paleolimnology*, 18:365-393.

Vannier, J., Abe, K., Iruta, K., and Guillaume, M. C., 1998, The gills of *Cylindroleberidid* Ostracods exemplified by *Leuroleberis surugaensis* from Japan. In: Crasquin-Soleau, S., Braccini, E., and Lethiers, F. (eds.): What about ostracoda! 3^o Congrès Européen des Ostracodologues (Paris-Bierville, 1996). *Bull. Centres Rech. Explor. Prod. Elf - Aquitaine*, Pau, Mém. 20:430.

Vannier, J., Williams, M., and Siveter, D., 1998, Cambrian origin of the circulatory system of crustaceans. In: Crasquin- Soleau, S., Braccini, E., and Lethiers, F. (eds.): What about ostracoda! 3^o Congrès Européen des Ostracodologues (Paris-Bierville, 1996). *Bull. Centres Rech. Explor. Prod. Elf - Aquitaine*, Pau, Mém. 20:431.

Wang, Q., 1998, Abrupt formation of the Charhan salt lake and the megaevolution of the earth surface system on the basis of Ostracoda. *Journal of Geomechanics*, 4(4):82-87.

Wansard, G., 1997. Reconstruction paléoenvironnementale des derniers 30.000 ans de la séquence de La Draga (Banyoles, Espagne), déduite des rapports (Sr/Ca) et (Mg/Ca) des valves d'ostracodes lacustres. *Annales de la Société Géologique de Belgique*, 120:183-196.

Wansard, G., De Deckker, P., and Julia, R., 1998, Variability in ostracod partition coefficients D(Sr) and D(Mg). Implications for lacustrine palaeoenvironmental reconstructions. *Chemical Geology*, 146:39-54.

Wansard G., Julia, R., Roca, J. R., Riera, S., and Seret, G., 1998, The last 2000 years - environmental change of Lake Estanya (NE Spain) based on mineralogy, ostracod fauna and trace-element shell chemistry. *Terra Nostra*, 98(6):132-136.

- Watkins, R., and Kuglitsch, J.J., 1997, Lower Silurian (Aeronian) megafaunal and conodont biofacies of the northwestern Michigan Basin. *Can. J. Earth Sci.* 34:753-764.
- Whatley, R. C. Mognilevsky, A, Toy, N. Chadwick, J. Ramos, M. I. F. R., 1997, Ostracoda from the SW Atlantic Part II. The littoral fauna from between Tierra del Fuego and the Rio de La Plata. *Revista Española de Micropaleontología*, 29(2).
- Whatley, R., Muñoz-Torres, F., and Van Harten, D., 1998, The Ostracoda of an isolated Neogene saline lake in the Western Amazon Basin. In: S. Crasquin-Soleau, E. Braccini, and F. Lethiers: What About Ostracoda! *Bull. Centre Rech. Elf Explor. Prod. Mém.* 20:231-245.
- Wilkinson, I.P., Kolpenskaya, N.N. and Whatley, R.C., 1998, The temporal and spatial distribution of *Mandelstamia* with particular emphasis on the Kimmeridgian and Volgian, Actes du 3em Congres Europeen des ostracodologues, 1996. *Bull. Centre Rech. Elf Explor. Prod., Memoire* 20:329-345.
- Wouters, K., 1998, A new thalassocypridine genus (Crustacea, Ostracoda) from brackish waters in the Indian and Pacific Oceans, with the description of a new species. *Bulletin de l'Institut Royal des Sciences naturelles de Belgique*, Biologie, 68:111-122.
- Wouters, K., 1998, The genus *Liasina*, an ancient low diversity lineage of marine interstitial ostracods. *Proceedings and Abstracts, 4th International Crustacean Congress*, p. 122.
- Zárate, M. A., Espinosa, M. A. and Ferrero, L., 1998, Palaeoenvironmental implications of a Holocene diatomite, Pampa Interserrana, Argentina. *Quaternary of South America and Antarctic Peninsula*, 13:135-152.
- Zhou, B., and Zhao, Q., 1999, Allochthonous ostracods in the South China Sea and their significance in indicating downslope sediment contamination. *Marine Geology*, 156:187-195.
- Zorn, I., 1996, Marine ostracode zonation at the Paleogene/Neogene boundary. *Giorn. Geol.* ser. 3, 58(1-2):163-164.
- Zorn, I., 1998, Ostracoda aus dem Karpat (Unter-Miozaen) des Korneuburger Beckens (Niederösterreich). *Beitr. Palaeont.* 23:175-271.
- Zubovicz, S. F., 1998, Evolucya pryrody Wolynskogo Polessya w pleysocene po dannym ostracodologyceskyh yssledovanyu, Ukraynske Polyssya, vcora, syogodny, zavtra. Zbyrka naukovykh prac. Luck, p. 92-93.
- Zubovicz, S. F., Dorbyshevsky, A. A., Shymanskaya, O. V, and Semyzon, S. S., 1998, Hydrologyceskye yssledovanya kacestvennykh parametrov vodnyh mas gydroobyektov Wylesko. *Minskoy wodnoy systemy*, Minsk, 28 p.

PAPERS IN PRESS

- Abushik, A., and Evdokimova, I., in press, Lagoonal to normal marine ostracode assemblages of the Eurasian Arctic. *Acta Geologica Polonica*, 49.
- Aiello, G., Barra, D. & Bonaduce, G., in press, Systematics and biostratigraphy of the Ostracoda of the Plio-Pleistocene of Monte S. Nicola Section (Gela, Sicily). *Boll. Soc. Paleont. Ital.*
- Ainsworth, N.R., and Boomer, I., in press, The Triassic, in Athersuch, J. Keen, M.C. and

Wilkinson, I.P. (eds) *A Stratigraphical Atlas of British Ostracoda*. British Micropalaeontological Society. 2nd Edition.

Aladin, N. in press, Recent and fossil Ostracoda from the Caspian Sea in the Modern Baltic Sea. *Rus. Acad. J.*

Al-Hasson, Maha A., and Al-Khashab, Sanad A., in press, Using cluster analysis of sporomorphs for paleoecological reconstructions of the upper part of the Chia Zairi Formation (Upper Permian) west of Mosul, Iraq.

Alin, S., Cohen, A.S., Bills, R., Gashagaza, M.M., Michel, E., Tirecelin, J.J., Martens, K., Coveliers, P., Mboko, S. K., West, K., Soreghan, M., Kimbadi, S., Ntakimazi, G., submitted, Evaluation of Rapid Assessment techniques for monitoring biodiversity in large tropical lakes: a case study from Lake Tanganyika. *Biological Conservation*.

Andreu, B., Charcosset, P., and Ciszak, R., 1999, Le Bathonian moyen et supérieur des Grands-Causse, Sud de la France : nouvelles espèces d'ostracodes, associations d'espèces et paléoenvironnements. *Rev. Micropal.*

Andrews, J.E., Boomer, I., Jones, R., Funnell, B.M., Bailiff, I., Chroston, P.N., Maher, B.A., Bristow, C.S., Harwood, G.M., Shimmield, G., and Balson, P.S., in press, *The Holocene Evolution of the North Norfolk Coast*. Special Issue, Geological Society of London.

Ansorge, J., and Frenzel, P., and Reich, M., in press, Stratigraphie und Mikropalaeontologie einer Kreidescholle (Unter- Maastrichtium) von Quitzin/Vorpommern [Stratigraphy and micropalaeontology of a glacial erratic Chalk lump (Lower Maastrichtian) from Quitzin/Vorpommern]. *Greifswalder Geowissenschaftliche Beitrage*.

Arias, C., in press, Procesos de transporte en las asociaciones de ostrácodos del Jurásico Inferior de la Cordillera Ibérica. España. *Revista Española de Paleontología* 14(1):1-11.

Babinot, J.F. - L'apport des Ostracodologistes Français dans le thème de l'Evolution : bilan et prospective. *Geobios*.

Babinot, J.F., Colin, J.P., and Rodriguez-Lazaro, J. - Ostracodes - Crétacé. *In: Synthèse géologique des Pyrénées*. B.R.G.M., and I.G.M.E., Ed.

Babinot, J.F., Tronchetti, G., Belkebir, L., and Janz, H. - La microfaune (Foraminifères, Ostracodes) des argiles plastiques du complexe stratigraphique inférieur de la Grotte du Boquete de Zafarraya (Espagne) (H. De Lumley, Ed.).

Bachnou, A., Carbonnel, G., and Bouab, B. (1999) - Morphométrie des Hemicytherinae (Ostracodes) par modélisation mathématique de profil latéral externe. Application systématique et phylogénétique. *C.R. Acad. Sc. Paris*.

Bacon, S.W., Ito, E., Smith, A.J., Palmer, D.F., and Forester, R.M., in press, Seasonal constraints on $\delta^{18}O$ values of living freshwater ostracodes. AGU Spring Meeting.

Ballent S. C., and Ronchi, D. I., in press, Platycopina (Ostracoda) del Neocomiano en el sector oriental de la cuenca Neuquina, Argentina. *Ameghiniana*.

Barbieri, M., Carrara, C., Castorina, F., Dai Pra, G., Esu, D., Gliozzi, E., Paganin, G., and Sadori, L., in press, Multidisciplinary study of a Middle-Late Pleistocene sequence in the Piana Pontina (Central Italy). *Palaeogeogr., Palaeoclim., Palaeoecol.*

Bassiouni, M.A. and Elwa, A.M.T. (submitted) Miocene ostracods of the southern, Mediterranean: A first record from south Wadi Um Ashtan, Mersa Matruh, Western desert,

Egypt. *Neues Jahrbuch Fur geologie und palaontologie Abhandlungen*.

Bassiouni, M.A. and Elwa, A.M.T. (submitted), studies on some important ostracod groups from the Paleogene of Egypt. 4th European Ostracodologists Meeting, Adana, Turkey.

Becker, G., in press, Contributions to Palaeozoic Ostracod Classification [POC], No. 13. The Superfamily Bairdiocypridacea Shaver, 1961. 1. Family Pachydomellidae Berdan and Sohn, 1961. *N. Jb. Geol. Palaeont. Abh.*

Becker, G., in press, Contributions to Palaeozoic Ostracod Classification [POC], No. 14. The Superfamily Bairdiocypridacea Shaver, 1961. 2. Family Pachydomellidae Berdan and Sohn, 1961, cont. Upper Palaeozoic, specifically spinose forms. *N. Jb. Geol. Palaeont. Abh.*

Becker, G., in press, Greifswalder Beitrage zur Erforschung der Ostracoden-Ueberfamilie Kirkbyacea Ulrich and Bassler. Wurzeln und Nachzuegler. Mit Beschreibung neuer Taxa: Herrigokella n.g. (Herrigokellidae n.fam.). *Greifswalder Geowiss. Beitr.* (Ekkehard Herrig-Festschrift).

Becker, G., in press, On *Beckerhealdia circumreptata* Blumenstengel. *Stereo-Atlas of Ostracod Shells*, v. 25.

Becker, G., in press, Progress in mid Palaeozoic palaeoceanographical studies from Ostracoda - from local interest to global importance (a review). *Senckenbergiana lethaea* [Struve Festschrift], 79(1/2), 6 Abb.

Becker, G., in press, Verkieselte Ostracoden vom Thueringer Oekotyp aus den Devon/Karbon-Grenzsichten (Top Wocklumer Kalk und Basis Hangenberg-Kalk) im Steinbruch Drewer (Rheinisches Schiefergebirge). Die "natuerliche" D/C-Grenze. *Courier Forsch.Inst. Senckenberg*.

Becker, G., in press, Zur Chronologie palaeozoischer Ostracoden. Eine Bestandsaufnahme fuer das Mitteldevon der Eifel. *Senckenbergiana lethaea* [Struve Festschrift] 79(1/2).

Bell, K.N., and Neil, J.V., in press, Recent Foraminiferida and Ostracoda from Erith Island, Bass Strait. *Victorian Naturalist*.

Bertels, A., and Cusminsky, G. C., in press, Nuevas especies de ostrácodos de la Formación Ñirihuau (Terciario medio) en su área tipo, alrededores de San Carlos de Bariloche. *Ameghiniana*, Revista de la Asociación Paleontológica Argentina.

Bertels-Psotka, A., and Martínez, Dina E., in press, *Frenguellicythere argentinensis* genus and *species nova* from Holocene deposits of the estuary of Bahía Blanca, Buenos Aires province, Argentina. *Micropaleontology*.

Bertels-Psotka, A., in press, Ostrácodos (Arthropoda, Crustacea) de hábitat límnic de la Formación Collón Cura, provincia del Chubut, República Argentina. *Ameghiniana*, Revista de la Asociación Paleontológica Argentina.

Bonaduce, G., Barra, D. & Aiello, G., in press, The genus *Henryhowella* Puri, 1957 (Crustacea:Ostracoda) in the Atlantic-Mediterranean from Miocene to Recent. *Boll. Soc. Paleont. Ital.*

Bonnet, L., Andreu, B., Rey, J., Cubaynes, R., Ruget, C., N'Zaba-Makaya, O., and Brunel, F. Fluctuations of environmental factors as seen in micropaleontological oryctocoenosis from liassic series. *Micropaleontology*.

Boomer, I., Aladin, N., Plotnikov, I., and Whatley, R.C., in press, Holocene evolution of the

Aral Sea. *Quaternary Science Reviews*.

Boomer, I., and Ainsworth, N.R., in press, Early Jurassic. In: Athersuch, J. Keen, M.C., and Wilkinson, I.P. (eds) *A Stratigraphical Atlas of British Ostracoda*. British Micropalaeontological Society. 2nd Edition.

Boomer, I., and Lord, A.R., in press, Marine Ostracoda and Global Change. *Marine Micropaleontology*.

Boomer, I., and Woodcock, L., in press, The nature and origin of the Stiffkey meals, North Norfolk Coast. *Bulletin of the Geological Society of Norfolk*.

Boomer, I., Duffin, C., and Swift, A., in press, *The Arthropoda*. In: Swift, A. and Martill, D.M. (eds). Palaeontological Association Field Guide to the Penarth Group.

Boomer, I., in press, Deep sea Ostracoda (Maastrichtian - Quaternary) from DSDP Site 463, central Pacific Ocean. *Marine Micropalaeontology*.

Borrego, J., Ruiz, F., González-Regalado, M. L., Pendón, J. G., and Morales, J. A., in press, The Holocene transgression into the estuarine central basin of the Odiel River mouth (Cadiz Gulf, SW Spain): lithology and faunal assemblages. *Quaternary Science Reviews*.

Carmo, D.A., and Sanguinetti, Y. T., in press, Taxonomy and palaeoceanographical significance of the genus *Krithe* in the Brazilian continental margin. *Journal of Micropalaeontology*.

Carmo, D.A., Whatley, R.C., and Timberlake, S., in press, Variable nodding and palaeoecology of a Middle Jurassic limnocytherid ostracod. *Palaeogeography, Palaeoclimatology, Palaeoecology*.

Carreño, A. L., Coimbra, J.A., and do Carmo, A. D., in press, Late Cenozoic paleoenvironmental evolution within Pelotas Basin, southernmost Brazil. *Marine Micropaleontology*.

Carreño, A.L., Ledesma-Vázquez, J., and Guerrero-Arenas, R., in press, Biostratigraphy and depositional history of the Tepetate Formation, at Arroyo Colorado (early middle Eocene), Baja California Sur, Mexico. *Ciencias Marinas*.

Casier, J.-G., Lethiers, F., and Baudin, F., in press, Ostracods, organic matter and anoxic events associated with the Frasnian/Famennian boundary in the Schmidt quarry parastratotype section (Kellerwald, Germany). *Geobios*.

Caus, E., Tambareau, Colin, J.P., Aguilar, M., Gomez-Garrido, A., and Brusset, S., 1999, Upper Cretaceous microfauna of the Cardenas Formation (San Luis Potosi, N.E. Mexico). Biostratigraphical, palaeoecological, palaeogeographical significance. *Revista Assoc. Mexicana Geol. Petroleros*.

Cavinato, G.P., Gliozzi, E., and Mazzini, I., in press, Two lacustrine episodes during the Late Pliocene-Holocene evolution of the Rieti intrapenninic basin (central Italy). *Mem. A.A.P.G.*

Chavtur, V.G., and Stovbun, G.G., in press, Morphological variability of the pelagic ostracods of the genus *Halocypris* Dana, 1853. 68 pp., 35 figs., 9 tables.

Chavtur, V.G., and Stovbun, G.G., in press, New genus and species of pelagic ostracods of Subfamily Halocypridinae from the North Pacific. 12 pp., 3 figs.

Chavtur, V.G., and Stovbun, G.G., in press, Pelagic ostracods of the genera *Halocypris* and *Felia* (Subfamily Halocypridinae) from the North Pacific. 37 pp., 15 figs.

Chavtur, V.G., and Stovbun, G.G., in press, Pelagic ostracods of Subfamily Archiconchoecinae. *Publ. Seto. Mar. Biol. Lab.* 99 pp., 34 figs, 3 tables.

Chavtur, V.G., and Stovbun, G.G., in press, Pelagic ostracods of the Subfamily Euconchoecinae from the North-West Pacific. 46 pp., 15 figs.

Chuvachov, B., and Crasquin-Soleau, S., 1999, Paleogeography and paleotectonic of the jointing zone between the Eastern European Basin and the Tethys Basin during the Late Carboniferous (Moscovian) and Early Permian (Asselian and Artinskian). In : Crasquin-Soleau, and Barrier, E (eds.) (1999) - Peri-Tethys Memoire 5 *Mém. Mus. Hist. Nat.*, Paris.

Cipollari, P., Consentino, D., Esu, D., Girotti, O., Gliozzi, E. and Praturlon, A., in press, Central Apennines (Italy) accretionary wedge: recognition of lacustrine environment in a Late Messinian thrust-top basin. *Palaeogeogr., Palaeoclim., Palaeoecol.*

Cipollari, P., Cosentino, D., and Gliozzi, E., in press, Extension- and compression-related basins in central Italy during the Messinian Lago-Mare event. *Tectonophysics.*

Ciszak, R., Andreu, B., Charriere, A. Ettachfini, El M., Rossi, A., 1999, Le Crétacé anté-turonien du Moyen Atlas méridional et de la Haute Moulouya, Maroc. Stratigraphie séquentielle et paléoenvironnements. *Bull. Soc. géol. France.*

Cohen, A. C., Kornicker, L. S., and Iliffe, T. M., (in press) *Jimmorinia*, a new genus of myodocopid Ostracoda (Cypridinidae) with two new species from the Bahamas, Jamaica, Honduras and San Blas Islands, Panama. *Smithsonian Contributions to Zoology.*

Coimbra, J.C., Carreño, A.L., Michelli, M.J., in press, Taxonomía y zoogeografía de la Familia Cytheruridae (Ostrácoda) de la plataforma continental ecuatorial de Brasil. *IHERINGA, Serie Zoológica.*

Coimbra, J.C., Delicio, M.P., Carreño, A.L., in press, Cretaceous marine Ostracoda from the Potiguar Basin, northeastern Brazil. *N. Jb. Geol. Paläont. Mh.*

Coimbra, J.C., Pinto, I.D., Würdig, N.L., and Carmo, D.A., in press, Zoogeography of Holocene Podocopina Ostracoda from the Brazilian equatorial continental shelf. *Marine Micropaleontology.*

Coimbra, João Carlos, Conchostracans and ostracodes: indicators of paleoenvironments in the Alto Saofranciscana basin, Olhos D'Água area, Minas Gerais, Brazil. (submitted to journal *Acta Geologica Leopoldensia*), with Maria Paula Delicio.

Coimbra, João Carlos, Ostracodes from Araripe basin, Northeastern Brazil (in progress).

Coimbra, João Carlos, Taxonomy, and distribution patterns of Holocene Equatorial shallow

marine ostracodes from Brazil (in progress).

Coimbra, João Carlos, The Family Trachyleberididae in Recent sediments on the Northern Brazil (in progress).

Coimbra, João Carlos, Zoogeography and Ecology of the Family Cytheruridae along the Brazilian Equatorial Shelf. (submitted to journal *Iheringia - Zoological Series*), with Ana Luisa Carreño and Marcos José Michelli.

Colin, J.P., Babinot, J.F., Tambareau, Y. On the genera *Nucleolina* Apostolescu, and Deroo, 1966, *Ekkehardia* and *Ducassella* nov. gen. (Ostracoda) : taxonomy, biostratigraphy, and paleobiogeography. *Greifswalder Geowissenschaftliche Beiträge*.

Crasquin-Soleau, S., and Barrier, E. (eds.), 1999, Peri-Tethys. Memoire 5 - *Mém. Mus. Hist. Nat.*

Crasquin-Soleau, S., and De Wever, P. (eds.), 1999, Peri-Tethys stratigraphic correlations. contribution n° 3. *Geodiversitas*.

Crasquin-Soleau, S., Broutin, J., Besse, J., and Torcq, F. - Paléobiogeographical and paleogeographical significance of ostracods and paleobotanical evidence from the Upper Permian of Oman. *Paleo* 3.

Crasquin-Soleau, S., Broutin, J., Roger, J., Platel, J.P., Angolini, L., Baud, A., Bucher, H., Al Hasmi, A. and Marcoux, J., 1999, First ostracode fauna from the Upper Permian of Oman (Khuff Formation. *Micropaleontology*.

Cronin, T., DeMartino, D.M., Dwyer, G.S., and Rodriguez-Lazaro, J., in press, Deep-Sea Ostracod Species Diversity: Response to late Quaternary Climate Change. *Marine Micropaleontology*.

Curry, B.B., and Baker, R.G., in press, Paleohydrology, vegetation, and climate during the last interglaciation (Sangamon Episode) in south-central Illinois, *Palaeogeography, Palaeoclimatology, and Palaeoecology*.

Curry, B.B., in press, An environmental tolerance index for ostracodes and their paleohydrological applications. **Palaeogeography, Palaeoclimatology, and Palaeoecology**.

Danielopol, D.L., Baltanas, A., and Humphreys, W.F., submitted, *Danielopolina kornickeri* n.sp. (Ostracoda, Thaumatoocyprididae) from a western Australian anchialine cave: morphology and evolution. *Zool. Scripta*.

Danielopol, D. L., Pospisil, P., Dreher, J., Mösslacher, F., Torreiter, P., Geiger-Kaiser, M., and Gunatilaka, A., in press, A groundwater ecosystem in the wetlands of the Danube at Vienna (Austria), in *Caves and other Subterranean Ecosystems, Ecosystems of the World*, Wilkens, H, Culver, D. and Humphreys, W. (Eds.), Elsevier, Amsterdam.

Dix, G.R., Patterson, R.T. and Park, L.E., In Press, Marine saline ponds as sedimentary archives of Late Holocene sea level and climate variation: an example along a carbonate platform-margin, Bahamas. *Palaeogeography, Palaeoclimatology and Palaeoecology*.

Eager, S., in press, Distribution of the Ostracoda around a coastal sewer outfall: a case study from Wellington, New Zealand. *Journal of the Royal Society of New Zealand*.

Eager, S., in press, Ostracoda in detection of sewage discharge in Pacific Atoll, in *Environmental Micropaleontology*, Martin, R. (ed.), Plenum Press.

Echevarría, A. E., in press, Ostrácodos marinos del Paleógeno del sud-sudeste del Lago Cardiel, Santa Cruz, Argentina. *Actas del Congreso del Paleógeno de América del Sur*. 1996. Santa Rosa, La Pampa.

Elewa, A.M.T. Omar, A.A. and Dakrory, A.M. (In press). Biostratigraphical and palaeoenvironmental studies on some Eocene ostracods and foraminifers from the Fayoum Depression, Western Desert, Egypt. *Egyptian J. Geol.*

Filippi, M. L., Lambert, P., Hunziker, J., Kubler, B. and Bernasconi, S., (in press) Climatic and anthropogenic influence on the stable isotope record from bulk carbonates and ostracodes in Lake Neuchatel, Switzerland, during the last two millennia. *Journal of Paleolimnology*.

Franzen, J.L., Gliozzi, E., Jellinek, T., Scholger, R., and Weidenfeller, M., in press, Die spätaltpleistozäne Fossilagerstätte Dorn-Dürkheim 3 und ihre Bedeutung für die Rekonstruktion der Entwicklung des rheinischen Flußsystems. *Senckenbergiana lethaea*.

Funnell, B.M., Boomer, I., and Jones, R., in press, The Holocene evolution of the Blakeney Spit, Norfolk. *Proceedings of the Geologists' Association*.

Gliozzi, E., and Mazzini, I., in press, *Mixtacandona taliana* n. sp. (Crustacea, Ostracoda) from the Holocene of Grotta del Lago (Umbria, central Italy). *Micropaleontology*.

Gliozzi, E., and Mazzini, I., in press, Palaeoenvironmental analysis of the 250,000-year Quaternary sediment core of Valle di Castiglione (Latium, Italy) using ostracods. *Bull. Rech. Pau*.

Gliozzi, E., Cipollari, P. & Cosentino, D., in press, The Messinian "Lago-Mare" event in central Italy: palaeogeographical reconstruction using geological data and ostracod assemblages. *GeoInstitute (Sp. Publ.)*, v. 26, Belgrado.

Gliozzi, E., in press, Late Messinian brackish ostracod assemblage of Paratethyan aspect from Le Vicenne (Abruzzi, Central Italy). *Palaeogeogr., Palaeoclim., Palaeoecol.*

Hamer, M., and Martens, K., in press, *Xenopus*-predation, a new hypothesis predicting absence of Phyllopoda (Crustacea).

Hoibian, T. in press. Ostracod populations, as a bio indicator for intertropical transitional deltaic environments, an example from the Nera delta (Bourail, New-Caledonia).

Hoibian, T. in press. Ostracods from an estuary dominated by lateritic clays sedimentation, on the east coast of New Caledonia.

Hoibian, T. in press? Ostracods populations from continental shelf of the east coast of Makassar Strait (Kalimantan).

Hoibian, T. in press. Peculiar ornamented bairdoppilata and others bairdiinae from fringing coral reefs flats of the bay of la "Roche Percee" Bourail, New-Caledonia.

Holmes, J.A., and Horne, D.J., in press, Preface. Nonmarine Ostracoda: evolution and environment. *Palaeogeography, Palaeoclimatology, Palaeoecology*, (Proceedings of Theme 1 of the 13th International Symposium on Ostracoda, Chatham, 1997; guest editors)

Horne, D.J. and Martens, K., in press, Geographical parthenogenesis in European nonmarine ostracods: post-glacial invasion or Holocene stability? *Hydrobiologia*.

Horne, D.J., and Boomer, I., in press, The role of Ostracoda in Meiofaunal Saltmarsh communities. in: Saltmarshes. *Special Publication of the Linnean Society*, Linnean Society

Salt Marsh Conference Proceedings.

Horne, D.J., in press, Ocean circulation modes of the Phanerozoic: implications for the antiquity of deep-sea benthonic invertebrates. *Crustaceana*.

Horne, D.J., in press, The Purbeck of Durlston Bay, in: Siveter, D.J. and Lord, A.R. (eds), *In the footsteps of T.R.Jones: the Lower Palaeozoic of Shropshire and the post-Palaeozoic of Avon, Dorset and Kent*, British Micropalaeontological Society Field Guide no.10.

Horne, D.J., in press, The Purbeck-Wealden, in: Wilkinson, I.P. (ed.), *A Biostratigraphical Atlas of British Ostracoda*. Hussain, S. M. and Mohan, S. P., Recent Ostracoda from Adyar River Estuary, Chennai, Tamil Nadu. *Jour. Pal. Soc. India*.

Hussain, S. M., Mohan, S. P. and Manivannan, V., Distribution, faunal affinity, and zoogeography of Recent benthic Ostracoda from the Gulf of Mannar, off Tuticorin, southeast coast of India. *Proc. XVI Indian Colloq. Micropal. Strat., Goa*.

Hussain, S. M., Mohan, S. P. and Manivannan, V., Ecology and distribution of Recent benthic Ostracoda in the Gulf of Mannar, off Tuticorin, southeast coast of India, *Jour. Nepal Geol. Soc., Kathmandu, Nepal*.

Ito, E., Smith, A.J., Forester, R.M., Curry, B.B. and Engstrom, D.R., in press, Doing Their Own Thing: When and Where do Freshwater Ostracodes Moults? *AGU Spring Meeting*.

Jolet, P., Philip, J., Thomel, G., Lopez, G., Tronchetti, G. and Babinot, J.F. Biostratigraphie intégrée plate-forme/bassin dans l'intervalle Cénomanién supérieur-Turonien inférieur en Provence. *Geobios*.

Kaesler, R. L., Krebs, J. W., and Miller, D. L., (in press) Taxonomy and the security of databases. *Palaeontologica Electronica*.

Keatings, K.W., Ito, E., Engstrom, D.R., Yu, Z.C., Heaton, T.H.E., and Haskell, B.J., in press, An investigation into the effect on ostracod shell chemistry of some chemical and physical cleaning techniques. *AGU Spring Meeting*.

Khalaf, S. K., and Al-Khashab, Sanad A., in press, The paleogeographic distribution of the Late Cretaceous Ostracoda of Tanuma Formation in Iraq.

Kontrovitz, M., (in press), Ocular shell structures in podocopid Ostracoda, in Savazzi, E. (ed.), *Functional Morphology of the Invertebrate Skeleton*, John Wiley, and Sons Ltd., U.K.

Krstic, N., Dumurdzanov, N., Bratuljevic, N., Milicevic, V., Simic, M., Radovanovic S. and Aleksic, I., in press, Pliocene tectonics of southern Serbia and adjoining regions (by support of ostracodes). *Bilten Serb. Acad. Sci. Arts*.

Krstic, N., Jovanovic, G., Ilic, B., and Jecmenica, Z., in press, Miocene fossils of Jelovik below Bukulja mountain and their importance (in Serbian, summary English), with a plate. *Prirodne i kulturno istorijske vrednosti Aran|elovca (Natural and cultural-historical values of Aranelovac) 22-24.X.1998, Aranelovac*.

Kukhtinov, D.A., in press, On the Middle Triassic of the North Precaspian in case of problem of interregional correlation of nonmarine deposits.

Kukhtinov, D.A., Minikh, M.G., Minikh, A.V., in press, Detailing of regional stratigraphic scale of the Lower Triassic of the Precaspian region and neighboring territories.

Kukhtinov, D.M., and Crasquin-Soleau, S., 1999, Upper Permian and Triassic of the

Precaspian Depression: stratigraphy and palaeogeography. *In: Crasquin-Soleau, S., and De Wewer, P. (eds.) Peri-Tethys Stratigraphic correlations, contribution n° 3 Geodiversitas.*

Kulkoyluoglu, O., (in preparation), Seasonal distribution of freshwater Ostracoda (Crustacea) from Seven Springs in northwest of Nevada. (To be presented at the 4th EOM in Adana, Turkiye 1999).

Kulkoyluoglu, O., and Vinyard, G.L. (in press). The distribution and the ecology of the freshwater ostracoda (Crustacea) collected from the springs of Nevada, Idaho, and Oregon, *in Great Basin Naturalist: A preliminary study.*

Laprida, C., in press, Micropaleontología de depósitos asociados a espigas de barrera, Punta Rasa, Buenos Aires.

Lethiers, F., and Casier, J.-G., in press, Les Ostracodes du Famennien inférieur au limitotype de Coumiac (Montagne Noire): la reconquête post-événementielle. *Bull. Inst. Roy. Sci. Nat. Belgique, Sci. de la Terre*, 69.

Lord, A.R., Boomer, I., Bown, P.R., Lowry, F.M.D., Page, K., and Riding, J., in press, The Stratigraphy of the Pliensbachian/Toarcian boundary interval in South-West England. *J. Micropalaeontol.*

Lundin, R. F. and Sumrall, C., (in press), Ostracodes from the Naco Formation (Upper Carboniferous) at the Kohl Ranch locality, central Arizona. *J. Paleontology.*

Majoran, S., in press, Palaeoenvironment of Maastrichtian ostracods from ODP Holes 1049B, 1050C and 1052E in the Western North Atlantic. *Journal of Micropalaeontology.*

Mallikarjuna, U. B., and Prasad, G.V.R., in press, Cretaceous nonmarine ostracodes (inter-trappean) from Central India: biostratigraphic and paleobiogeographic implications. *Jour. Paleontological Society of India.*

Mallikarjuna, U. B., in press, Biostratigraphy, Paleocology and paleobiogeography of South Indian marine Cretaceous ostracodes. *Cretaceous Research.*

Mallikarjuna, U. B., Sugumaran, S. and Nagaraj, H.M., in press, Ostracodes of the Maastrichtian from the Vridhachalam area, Tamil Nadu, South India, *in Nigam, R. (ed.), Proc. 16th Indian Colloq. on Micropal. and Strat.*, January 1998, N.I.O., Goa.

Mannikeri, M. S., in press, Role of Ostracoda in Micropalaeontological Research, *in Nigam, R. (ed.), Proc. 16th Indian Colloq. on Micropal. and Strat.*, January 1998, N.I.O., Goa.

Martens, K., and Ortal, R., in press, Diversity and zoogeography of inland-water Ostracoda (Crustacea) in Israel (Levant). *Israel Journal of Zoology.* (Festschrift D. Por).

Martens, K., and Wouters, K., in press, De Ostracoda (Crustacea) van de Blankaart. In: De Cleer, K. (Red.) "Het Natuurreservaat 'De Blankaart' (Woumen, West-Vlaanderen), een ekologische inventarisatie". *Studiedokumenten Instituut voor Natuurbehoud*, Hasselt (accepted)

Martens, K., Hamer, M., and Coke. M., in press, A preliminary account of the diversity of nonmarine Ostracoda (Crustacea) in KwaZulu-Natal (South Africa). *Lammergeyer.*

Martens, K., in press, On the origin and development of different recognition systems in the Limnocytherinae (Crustacea, Ostracoda, Cytherocopina): chance or selection? *in Horne, D.J., and Martens, K. (eds.) Proceedings of the XIII International Symposium for Ostracodologists. Hydrobiologia.*

Mazzini, I., Anadon, P., Barbieri, M., Castorina, F., Ferreli, L., Gliozzi, E., Mola, M., and Vittori, E., in press, Late Pleistocene/Holocene sea level changes from subsurface data in the Tyrrhenian coast near Orbetello (Tuscany, central Italy): palaeoenvironmental reconstruction using ostracods. *Marine Micropaleontology*.

McKenzie K.G., I. Ferrari, G. Benassi. Planktonic Ostracoda in the Ross Sea: their distribution and associated environmental factors. In: Faranda F., Guglielmo, L. and Ianora, A. (Eds.), Ross Sea Ecology. *Italian artide Expeditions (1987-1995)*. Springer Verlag.

Melnikova, M. in press, The new genus of the bradoriid (Crustacea) from Cambrian of the North Eurasia. *Paleont. zhurn.*

Mezquita, F., Griffiths, H. I., Sanz, S., Soria, J.M., and Piñon, A., in press, Ecology and distribution of ostracods associated with flowing waters in the eastern Iberian Peninsula. *Journal of Crustacean Biology*.

Mezquita, F., Hernandez, R., and Rueda, J., 1999, Ecology and distribution of ostracods in a polluted Mediterranean river. *Palaeogeogr. Palaeoclimatol. Palaeoecol.*, 148(1/3):87-103.

Mezquita, F., Roca, J.R. and Wansard, G., in press, Moulting, survival and calcium uptake: the effects of temperature and water chemistry on an ostracod crustacean (*Herpetocypris intermedia*) under experimental conditions. *Archiv fur Hydrobiologie*.

Mezquita, F., Tapia, G., and Roca, J.R., 1999, Ostracoda from springs on the eastern Iberian Peninsula: ecology, biogeography and palaeolimnological implications. *Palaeogeogr., Palaeoclimatol., Palaeoecol.*, 148(1/3):65-85.

Miller, B.B, Schneider, A.F., Smith, A.J., and Palmer, D.F., in press, A 6000 year record from Europe Lake, Wisconsin, USA. *J. Paleolimnology*.

Neil, J.V., in press, Factors influencing intraspecific variation and polymorphism in marine podocopid Ostracoda, with particular reference to Neogene species from southeast Australia. *Marine Micropaleontology*.

Nikolaeva, I. et al., in press: Practical manual on microfauna. Vol 7. Mesozoic Ostracoda, Nikolaeva, I.A., and Neustrueva, I.Yu, (eds.)

Oakley, T.H., and Cunningham, C.W., in press, Correlative comparative methods succeed where ancestor reconstruction fails in a known bacteriophage phylogeny. *Evolution*.

Oakley, T.H., and Phillips, R.B., in press, Phylogeny of salmonine fish based on growth hormone introns: Atlantic (*Salmo*) and Pacific (*Oncorhynchus*) salmon are not sister taxa. *Molecular Phylogenetics and Evolution*.

Oakley, T.H., in preparation, Multiple opsin genes with unprecedented nucleotide diversity in the bioluminescent species *Vargula hilgendorfii* (Crustacea: Ostracoda).

Olempska, Ewa, in press, Silicified shallow water ostracodes from the Tournasian of South China. *Acta Palaeontologica Polonica*.

Olteanu, R., 1999, Ontogeny and phylogeny of Sarmatian Limnocytheriids (Bivalvia). *Rev. Roum. Geol.*, nr. 42, Ed. Acad. Romania.

Olteanu, R., 1999, Orthogenesis and/or Ortoselection. *Leptocythere* lineages (Ostracoda, Crustacea) in brackish-water Neogene. *Rev. Roum. Geol.*, nr. 42, Ed. Acad. Romania.

Olteanu, R., 1999, The values in paleontological axiology. *Rev. Roum. Geol.*, nr. 42, Ed.

Acad. Romania.

Oviatt, C. G., Thompson, R. S., Kaufman, D. S., Bright, J., and Forester R. M., (in press), Reinterpretation of the Burmester core, Bonneville basin, Utah. *Quaternary Research*.

Palacios-Fest, M.R., Carreño, A.L., Ortega-Ramírez, J.R., Alvarado-Valdez, G., submitted, Ostracode trace element shell chemistry: a high-resolution paleoenvironmental reconstruction of Laguna Babícora, Chihuahua, Mexico. *Jour. Paleolimnol.*

Pang Qi-Qing, Guan Shao-Zeng and Xiao Zong-Zheng, The early Cretaceous coal-bearing strata and Ostracoda in Yanggao, Shanxi. *Professional Papers Stratigraphy and Palaeontology*, 27.

Parker, A.R., in press, An unusually isolated reflector for host bioluminescence on the second antenna of a lysianassoid (Amphipoda: Gammaridea). *Crustaceana*.

Parker, A.R., in press, Invertebrate structural colours. in *Functional Morphology of the Invertebrate Skeleton* (E. Savazzi, ed.), Wiley, 1999, p. 65-90.

Parker, A.R., in press, Light reflection strategies. *American Scientist* (May-June issue, 1999).

Parker, A.R., in press, Star Wars-style fighting in fish. *Nature*.

Parker, A.R., in press, The Cambrian light switch. *Biologist*, 46(1).

Parker, A.R., in press, The Myodocopida (Ostracoda) exoskeleton. in *Functional Morphology of the Invertebrate Skeleton* (E. Savazzi, ed.) (Wiley, 1999).

Parker, A.R., in press, Transparency: the key to the brightest insect colors. *Biologist*.

Petkowski, T., Scharf, B. and Keyser, D., in press, New and little known ostracods of the genus *Heterocypris* (Cypridacea, Ostracoda) from the Balkan Peninsula. *Limnologia*.

Ramos, M.I.F., Coimbra, J.C., Whatley, R.C., and Moguilevsky, A., in press, Taxonomy and ecology on the Family Cytheruridae (Ostracoda) in the Recent sediments from the Northern Rio de Janeiro coast, Brazil. *Journal of Micropalaeontology*.

Rodriguez-Lazaro, J. and Cronin, T. in press, Quaternary glacial and deglacial *Krithe* (Ostracoda) in the thermocline of the Little Bahama Bank (NW Atlantic): palaeoceanographic implications. *Palaeogeogr., Palaeoecol., Palaeoclimatol.*

Rosenfeld, A., Ortal, A. and Honigstein, A. in press, Ostracodes as indicators of river pollution in northern Israel in Martin, R. (ed.): *Environmental Micropaleontology*, Plenum Press.

Ruiz Muñoz, F., Gonzalez-Regalado, M. L., Menegazzo Vetturi, L., Pistolato, M., and Molinaroli, E., in press, La ostracofauna de los sedimentos litorales del NE de Italia. II: la cuenca de Chioggia (laguna de Venecia). *Studia Geologica Salmanticensia*.

Ruiz-Muñoz, F., Gonzalez-Regalado, M. L., Menegazzo, L. y Rampazzo, G., in press, Distribucion ecologica de los ostracodos de la cuenca de Malamocco (laguna de Venecia, NE de Italia). *Revista Española de Paleontología*.

Schellenberg, S. A., et al., in preparation, Deep-ocean ostracode architectural and size changes in response to the Eocene-Oligocene transition at ODP Site 744A: Ecophenotype or evolution? For submission to *Paleobiology*.

Schellenberg, S. A., et al., in preparation, Magnesium/calcium ratios in Paleogene deep-ocean ostracodes: Constraints on uncertainties in $\delta^{18}\text{O}$ -based reconstructions of the Eocene-Oligocene transition. For submission to *Paleoceanography*.

Schellenberg, S. A., in preparation, Ecological response of deep-ocean ostracodes to the Eocene-Oligocene transition: Millennial-scale data from the southern high-latitudes (ODP Sites 689 and 744). For submission to *Palaeogeography, Palaeoclimatology, Palaeoecology*.

Schellenberg, S. A., in preparation, Ecological response of deep-ocean ostracodes to the Late Paleocene Thermal Maximum: Millennial-scale data from the southern high-latitudes (ODP Sites 690 and 738). For submission to *Palaeogeography, Palaeoclimatology, Palaeoecology*.

Schön, I., Verheyen, E., and Martens, K., in press, Speciation in ancient lake ostracods: comparative analysis of Baikalian *Cytherissa* and Tanganyikan *Cyprideis*. *Verh. Internat. Verein. Limnol.* 27.

Schornikov, E.I., in press, Ostracoda as indicators of conditions and dynamics of water ecosystems, in *Environmental Micropaleontology*, Martin R.E. (ed.), Plenum Press, New York.

Singh, P. and Porwal, D. K., (in press), Palaeogene ostracods from the Cambay-Tarapur Block, Cambay Basin. *Geoscience Journal*.

Slack, J. M., Kaesler, R. L. and Kontrovitz, M., (in press), Trend, signal, and noise in the ecology of Ostracoda: information from rare species in low-diversity assemblages. *Hydrobiologia* (in press, but I am uncertain because I have not yet been notified.)

Smith, A.J., Ito, E., Engstrom, D.R., Forester, R.M., and Palmer, D.F., in press, Constraints on Mg/Ca and Sr/Ca ratios of living freshwater ostracodes. *AGU Spring Meeting*.

Smith, R., and Martens, K., in press, The ontogeny of the cypridid ostracod *Eucypris virens* (Jurine, 1820) (Crustacea, Ostracoda), in Horne, D.J., and Martens, K. (eds.) Proceedings of the XIII International Symposium for Ostracodologists. *Hydrobiologia*.

Sridhar, S. G. D., Hussain, S. M., Periakali, P. and Kumar, V., (in press), Recent benthic ostracode responses to the sediments in the Palk Bay, off Rameswaram, southeast coast of India. *Jour. Indian Assoc. Sedimentologists*, v. 17.

Torres, E., Cohen, A., Wayne, R., and Morin, J., (in press) Evolution of bioluminescence in cypridinid ostracode crustaceans based on 16s rRNA sequences and morphology. *Systematic Biology*.

Tsukagoshi, A., and Parker, A. R., in press, Trunk segmentation of podocopine Ostracoda. *Hydrobiologia*.

Tsukagoshi, A., and Parker, A.R., in press, Post-cephalic segmentation of podocopine Ostracoda. *Hydrobiologia*.

Vaidya, A. S., and Mannikeri, M. S., in press, Ostracoda as ecological indices in West Coast of India. *Proc. Nat. Semr. Dharwad*.

Vaidya, A. S., Mannikeri, M. S., and Nigam, R., in press, Recent Ostracoda from beach sands along Goa coast, India, in Nigam, R (ed.), *Proc. 16th Indian Colloq. on Micropal. and Strat.*, January 1998, N.I.O.

Wansard, G., Roca, J. R., and Mezquita, F., in press, Experimental determination of

strontium and magnesium partitioning in calcite of the freshwater ostracod *Herpetocypris intermedia*. *Archiv für Hydrobiologie*.

Wansard, G., Roca, J.R., and Mezquita, F., in press, Sr and Mg partition coefficients in the calcite of the freshwater ostracod *Herpetocypris intermedia* under experimental conditions. *Archiv für Hydrobiologie*.

Wells, T.M., Cohen, A.S., Park, L.E., Dettman, D.L., and McKee, B.A., in Press, Ostracode stratigraphy and paleoecology from surficial sediments of Lake Tanganyika, Africa. *Paleolimnology*.

Whatley, R. C., and Cusminsky, G. C., in press, Late Quaternary nonmarine Ostracoda and palaeoenvironments from the Lake Cari-Laufquen region, Río Negro province, Argentina. *Paleogeography, Paleoclimatology and Paleoecology*.

Whatley, R. C., and Cusminsky, G. C., in press, Quaternary lacustrine ostracods from northern Patagonia. A review. *In Global Geological record of lake basins*. Kelts, Gierlovski, Kordesh, Editors.

Whatley, R.C., Mognilevsky, A., Ramos, M.I.F., Coxill, D.J., in press, Recent deep and shallow water Ostracoda from Peninsula Antarctica and Scotia Sea. *Revista Española de Micropaleontología*.

Whatley, R.C., Mognilevsky, A., Toy, N., Chadwick, J., Ramos, M.I.F., in press, Ostracoda from the Southwest Atlantic. Part III. The Argentinian, Uruguayan and South Brazilian Continental Shelf. *Revista Española de Micropaleontología*.

Whatley, R.C., Ramos, M.I.F., Mognilevsky, A., Chadwick, J., in press, The provincial distribution of benthonic Recent littoral and shelf Ostracoda in the SW Atlantic. *Bulletin des Centres de Recherches Exploration Production Elf Aquitaine*.

Wood, A . M., Ramos, M.I.F., and Whatley, R.C., in press, The palaeozoogeography of Oligocene to Recent Ostracoda from Neotropics to Antarctica. *Marine Biology*.

Yu Yin, Geiger, W., and Martens, K., in press, Effects of genotype and environment on phenotypic variability in *Limnocythere inopinata* (Crustacea, Ostracoda). *Hydrobiologia*.

Yu Z and Ito E., in press, Possible solar forcing of century-scale draught frequency in the northern Great Plains. *Geology*, 27:263-266.

Zorn, I., in press, A history of the research on ostracodes from the Paleogene and Neogene of Austria (1839-1999). *Festschr. ?Geologie ohne Grenzen? 150-Jahr-Feier Geol. Bundesanst.*, 4 text- figs., 1 tab..

Zorn, I., in press, August Emanuel Reuss (*1811, ?1873) und die Anfänge der Erforschung tertiärer Ostracoden in Österreich (1839- 1900). - *Abs. Symp. Gesch. Erdwiss. Österr.* 22.2.1999 Graz, res montanarum, 20, 38-39, Leoben.

Zorn, I., in press, Mikropaläontologie an der Geologischen Bundesanstalt. *Festschr. 150-Jahr-Feier Geol. Bundesanst.*

Zorn, I., in press, Neogene Ostracoden des ÖK50-Blattes 22 (Hollabrunn) und angrenzender Gebiete. - *Abstr. Arb.-Tag. Geol. Bundesanst. Retz 3.-7.5.1999*, 2 pp. (*Geol. Bundesanst.*).

Zorn, I., in press, Neogene Ostracoden des ÖK50-Blattes 22 (Hollabrunn) und angrenzender Gebiete. *Abstr. Arb.-Tag. Geol. Bundesanst. Retz* 3.-7.5.1999, 2 pp.



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Abate, Silvana. Dipartimento di Paleontologia, Universita di Napoli "Federico II", L. Go San Marcellino 10, 80138 Napoli, Italy. [1998]

Abdelhamid, Rossi. Universite Cadi Ayyad, Faculte des Sciences "Semlalia", Departement de Geologie, B.P. S 15, Marrakech, Morocco. [1998]

Abraao, Daniela. E&P RN/CE, GEXP/GELAB, R. Interventor Mario Camara 2783, bl. F., s. 31, Nazare, RN, Brazil CEP59074600. [1998]

Abramova, Alevtina Nikolaevna. 450025 Ufa, ul. Karla Marxa 16/2, Institut Geologii Bashkiraskogo, filiala, AN SSSR, Russia. [1998]

Abushik, A.F. Department of Stratigraphy and Palaeontology, All-Russian Geological Research Institute (VSEGEI), 74 Srednii pr., 199106, St.Petersburg, Russia. <vsegei@mail.wplus.net (+name)> [1999]

Adamczak, Franciszek. Docentbacken 5, S-104 05 Stockholm, Sweden, Tel: 8-155417, <fj.adamczak@mbox318.swipnet.se>. [1998]

Ahmed, S.T. Department of Geology and Mining, University of Rajshahi, Rajshahi 6205, Bangladesh. [1998]

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Al Bashir, J.M.T. National Iraqi Oil Company, Baghdad, Iraq. [1998]

Aladin, Nick. Zoological Inst. Rus. Acad. Sci. 199034 St.Petersburg, Russia. Tel: (812) 328-46-09, Fax: (812)114-04-44, <aral@zin.ru>. [1999]

Al-Furaih, Ali. Professor of Micropalaeontology, Department of Geology, Faculty of Science, King Saud University, P.O. Box 2455, Riyadh 11451, Kingdom of Saudi Arabia. [1998]

Al-Jumaily, Wajih A.K. University of Nasir/ P.O. Box 41735/ Al-Khoms/ Libya or P.O. Box 55036/ Post Office 12001/ Baghdad/ Iraq. [1999]

Al-Khashab, Sanad A. University of Mosul/ P.O. Box 11142, Mosul, Iraq. [1999]

Al-Khashab, Sanad A. Department of Geology, College of Science, University of Mosul, Mosul, Iraq. [1998]

Altınsacli, S. Istanbul Universitesi, Fen Fakultesi, Biyoloji Bolumu, 34459 Vezneciler-Istanbul, Turkey. [1998]

Altınsacli, Selcuk. University of Istanbul/ Faculty of Science/ Department of Biology/ 34459/ Vezneciler-Beyazit/ Istanbul- TURKEY. <selcukaltinsacl@usa.net>. [1999]

Alvarado Valdez, Guillermo. Área de Ciencias de la Tierra, Facultad de Ingeniería, Universidad Autónoma de San Luis Potosí, Dr. Manuel Nava Núm. 8. C.P.78290, San Luis Potosí, S.L.P., Mexico. Tel: (5-48) 13.11.86, Fax: (5-48) 550.66.44, <alvarado@deimos.tc.uaslp.mx>. [1999]

Amia, Z'hor. 8 Boulevard Abane Ramdane, Cheraga, Tipasa, Algeria. [1998]

Andreu, Bernard. Laboratoire de Stratigraphie séquentielle et Micropaléontologie - Université Paul Sabatier - 39, Allées J. Guesde- 31062 TOULOUSE Cedex - France. Tel: 33 (0)5 61 55 80 56 - Fax: 33 (0)5 61 55 80 49, <dybassed@cict.fr>. [1999]

Apostolescu, Vespasien. 5, Rue J.C. Bézanier - 78360 MONTESSON - France. Tel: 33 (0)2 32 52 01 34 [1999]

Arlt, Guenther. University of Rostock, FB Biologie, Freiligrathstr. 7/8 D-18055 Rostock Germany. Tel: +37 81/34 037; Fax: +37 81/34 287. [1999]

Athersuch, John A. StrataData Ltd./ 17 The Bothy/ Ottershaw Park/ Chobham Road/ Ottershaw/ Surrey KT16 0QG/ UK. Tel. and Fax: +44 (0)1932 872041, <stratadata@dial.pipex.com>, website: <http://ds.dial.pipex.com/stratadata>. [1999]

Aygen, Cem. Ege University, Faculty of Fisheries, Dept. of Hydrobiology, 35100 Bornova-Izmir, Turkey, Tel: 90-232-3880110 (1732 internal line number), Home Tel: 90-232-4381824, <aygen@sufak.ege.edu.tr>. [1998]

Ayress, Michael. Department of Geology, The Australian National University, GPO Box 4, Canberra ACT 0200, Australia. [1998]

Azevedo, Ines. Rua Angelo Dourado 408, CEP90200-060, Porto Alegre RS, Brasil. [1998]

Babinot, Jean-François. Centre de Sédimentologie et Paléontologie - Université de Provence - Centre Saint-Charles - Pl. V. Hugo - 13331 MARSEILLE Cedex 03 - France. Tel: 33 (0)4 91 10 67 21, Fax: 33 (0)4 91 64 99 64, <reef@newsup.univ-mrs.fr>. [1999]

Bachnou, Ali. Univ. Caddi Ayad, Faculte des Sciences et Techniques, Av. Abdelkrim Khattabi, B.P. 618, Marrakech, Maroc. [1998]

Ballent, Sarah C. Departamento Paleozoología de Invertebrados, Facultad de Ciencias Naturales y Museo, Paseo del Bosque, (1800) La Plata, Argentina. Tel: 54-221-425744 ext. 114, Fax: 54-221-425727, <benialgo@infovia.com.ar>. [1999]

Balman, Katie. Micropalaeontology Unit, Institute of Earth Studies, University of Wales, Aberystwyth, SY23 3DB, Great Britain. [1998]

Baltanas, Angel. Departamento de Ecología/ Facultad de Ciencias/ Universidad Autonoma de Madrid/ 28049 MADRID (Spain). Tel: 34 91 397 8195, Fax: 34 91 3978001, <Angel.Baltanas@uam.es>. [1999]

Barra, Diana. Dipartimento di Scienze della Terra/ Università degli Studi di Napoli "Federico II"/ Largo S. Marcellino, 10/ 80138 Napoli - Italy. Tel: 39-081-5516177, Fax: 39-081-5520971. [1999]

Baryar, Muhammad Ali. Department of Geology, University of Sindh, Sindh, Pakistan. [1998]

Bassiouni, Mohamed A. Department of Geology, Faculty of Science, Ain Shams University, Cairo, Egypt. [1998]

Bate, Ray. Lacustrine Basin Research Limited/ Little Lower Ease/ Cuckfield Road/ Ansty, West

Sussex RH17 5AL/ UK. Tel. and Fax: (44) 1444-459-223, Fax: (44) 1444-459-226,
<ray_bate@compuserve.com>.

Battish, S.K. Department of Zoology, Punjab Agricultural University, Ludhiana 141004, Punjab,
India, Tel: 401960 ext. 382, Fax: 161-400945. [1998]

Becker, Gerhard. Forschungs-Institut Senckenberg, Senckenberg-Anlage 25, D-60325 Frankfurt am
Main, 8.1.1999. Tel: +49 69 97075122, Fax: +49 69 97075137, Priv. Tel and Fax: +49 6171 57176,
<gbecker@SNGKW.UNI-FRANKFURT.DE>. [1999]

Bekkali, Ratiba. Université Abdelmalek Esaadi, Faculté des Sciences de Tétouan, Département de
Géologie, B.P. 2121 TETOUAN 93002. MOROCCO. Tel: 212-9-97 24 23 poste 40, Fax: 212-9-99 45
00; <rbekkali@fst.ac.ma>. [1999]

Belis, Claudio. Consiglio Nazionale delle Ricerche, Istituto Italiano di Hidrobiologia, 28048
Verbania, Pallanza, Italy, Tel: 39-323-556571, Fax: 39-323-556513. [1998]

Ben Youssef, Mohamed. INRST, Centre des Sciences de la Terre, BP 95, 2050 Hammam-Lif,
Tunisia. [1998]

Benassi, Giorgio. Dipartimento di Scienze Ambientali/ Università degli Studi di Parma/ Viale delle
Scienze/ 43100 Parma – Italy. Tel: 39-0521-905609, Fax: 39-0521-905402, <giorgio@dsa.unipr.it>.
[1999]

Benson, Richard. Department of Paleobiology, Smithsonian Institution, E- 2 04 National Museum of
Natural History, Washington, D.C. 20560. [1998]

Benzarti, Rakia. SEREPT 8, Rue Slimen Ben Slimen, BP 46, 2092 El Manar 2, Tunisia. [1998]

Bertels, Alwine. CONICET, Departamento Ciencias Geológicas, Facultad Ciencias Exactas y
Naturales, UBA, Ciudad Universitaria Nuñez, Pab. 2, piso 1º, (1428) Buenos Aires, Argentina. Fax:
54-11-4773-6328, <bertels@gl.fcen.uba.ar> [1999]

Bertholon, Luc. Département de Géologie - Océanographie - Université Bordeaux I - Avenue des
Facultés - 33405 TALENCE Cedex - France. Tel: 33 (0)5 56 84 88 55, Fax: 33 (0)5 56 84 08 48.
[1999]

Bhandari, Anil. Chief Geologist, Paleontology Lab., KDMIPE, ONGC, Dehra Dun 248195, India,
Fax: 0135-755265. [1998]

Bhatia, S.B. House No. 441, Sector-6, Panchkula (Haryana), India. [1998]

Bismuth, Hector. SEREPT, 8 Rue Slimen Ben Slimen, BP 46, 2092 El manar 2, Tunisia, Tel: 19-
216-239-384. [1998]

Blanchard, Pamela (Borne). LA Sea Grant College Program/ 109 Wetland Resources/ Baton Rouge,
LA 70803. Tel: 225/ 388-1558, Fax: 225/ 388-6331, <PamB@lsu.edu> [1999]

Bless, Martin, Lab. Paléontologie Végétale, Université de Liège, 7 Place 20 Aout, B-4000 Liège,
Belgium. [1999]

Blumenstengel, Horst. Geologisches Landesamt Sachsen-Anhalt, Ref. 11.2
Biostratigraphie/Palaeontologie, Koethener Strasse 34, 06118 Halle, Germany. [1999]

Bodergat, Anne-Marie Centre des Sciences de la Terre - Université Claude Bernard (Lyon I) - 27-43
Bd. du 11 Novembre - 69622 VILLEURBANNE Cedex - France. Tel: 33 (0)4 72 44 80 00 (+ 38 18),
Fax: 33 (0)4 72 44 83 82, <anne.marie.bodergat@cismsun.univ-lyon1.fr> [1999]

Bonaduce, Gioacchino. Dipartimento di Scienze della Terra/ Università degli Studi di Napoli
"Federico II"/ Largo S. Marcellino, 10/ 80138 Napoli – Italy. Tel: 39-081-5516177, Fax: 39-081-
5520971 [1999]

Boomer, Ian. Department of Geography/ University of Newcastle/ Newcastle-upon-Tyne/ NE1 7RU.
Tel: +44 (0)191 222 5111, Fax: +44 (0)191 222 5241, <ian.boomer@ncl.ac.uk>, website:
<http://www.staff.ncl.ac.uk/ian.boomer/index.htm>, [1999]

Bossio, Alessandro. Dipartimento di Scienze della Terra/ Università di Pisa/ Via S. Maria, 53/ 56126
Pisa – Italy. Tel: 39-050-847111, Fax: 39-050-500932, <bossio@dst.unipi.it> [1999] [1999]

Bouab, Badia. Département des Sciences de la Terre, Université Mohamed V, Av. Ibn Batouta, BP
1014, Rabat, Morocco, Tel: 212-718-34. [1998]

Braccini, Eric. ELF Exploration - Production - Département Géol. sédim./Biostratigraphie - CSTJF -
N25 - Avenue Larribau - 64018 PAU – France. Tel: 33 (0)5 59 83 49 58, Fax: 33 (0)5 59 83 55 51,
<eric.braccini@elf-p.fr> [1999]

Bridgwater, Nigel. Department of Geography/ University of Sheffield/ Winter Street/ Sheffield S10
2TN. Tel (direct): +44 (0)114 222 7956, Fax: +44 (0)114 279 7912, website:
<http://www.shef.ac.uk/uni/academic/D-H/g/staff/nb.html>, [1999]

Briggs Jr., William M. Institute of Arctic and Alpine Research (INSTAAR)/ 1560 30th Street/
Campus Box 450/ University of Colorado/ Boulder, CO 80309-0450/ USA. Tel: 303-492-8971, Fax:
303-492-6388, <briggs@spot.colorado.edu> [1999]

Brouwers, Elisabeth. Associate Central Regional Geologist/ MS 911/ Federal Center/ Lakewood,
CO 80225. Tel: 303/ 236-5440, Fax: 303/ 236-5448, <brouwers@usgs.gov>. [1999]

Bucher, Tilman. Geolog. Inst. Universitaetsstr. 7, D-79098 Freiburg, Germany.
<tilli@perm.geologie.uni-freiburg.de> [1999]

Caballero, F. <gpbcasaf@lg.ehu.es> [1999]

Cai, Hui-Mei. South China Sea Institute of Oceanology, Academia Sinica, 164 West Xingang Road,
Guangzhou, China, 514301. [1999]

Cai, Xi-Yao. The Geological analysis center, Exploration and Development Research Institute of
Jiangnan Petroleum Administration, Guanghua, Qianjiang City, Hubei, China, 433124. [1999]

Cai, Zhi-Guo. Sedimentology Division, The Institute of Petroleum Exploration and Development,
North China Oil Branch, Renqiu City, Hebei Province, China, 062552. [1999]

Cao, Mei-Zhen. Nanjing Institute of Geology and Palaeontology, Academia Sinica, Chi-Ming-Ssu,
Nanjing, China, 210008. Fax: 86-25-3357026. [1999]

Carbonel, Pierre, Département de Géologie - Océanographie - Université Bordeaux I - Avenue des
Facultés - 33405 TALENCE Cedex - France. Tel: 33 (0)5 56 88 54, Fax: 33 (0)5 56 84 08 48. [1999]

Carbonnel, Gilles. Centre des Sciences de la Terre - Université Claude Bernard (Lyon I) - 27-43 Bd.
du 11 Novembre - 69622 VILLEURBANNE Cedex - France. Tel: 33 (0)4 72 44 84 24, Fax: 33 (0)4
72 44 83 82, <carbonnel@cismisun.univ-lyon1.fr> [1999]

Carmo, Dermeval Aparecido Do. Departamento de Geologia Geral e Aplicada/ Instituto de
Geociências/ Universidade de Brasília/ CEP. 70910-900, Brasília, DF, Brazil. <Dermeval@unb.br>
[1999]

Carreño, Ana Luisa. Instituto de Geología/ Universidad Nacional Autónoma de México/ Circuito
Exterior, Ciudad Universitaria/ Delegación Coyoacán/ 04510, D.F., Mexico. Tel: (5) 622.43.12 and
(5) 622.42.81, Fax: (5) 550.66.44, <anacar@servidor.unam.mx> [1999]

Carter, Claire. U.S. Geological Survey, M.S. 915, 345 Middlefield Road, Menlo Park, CA 94025
USA. [1998]

Casier, Jean-Georges. Department of Paleontology/ Royal Belgian Institute of Natural Sciences/

Vautier Street 29/ B-1000 Brussels/ Belgium. Tel: +32-2-62-74-496, Fax: +32-2-62-74-113, <casier@kbinirsnb.be> [1999]

Chait, Rafika. Université P. et M. Curie (Paris VI) - Laboratoire de Micropaléontologie - 4, Place Jussieu - 75252 PARIS Cedex 05 - France. Tel: 33 (0)1 44 27 49 81, Fax: 33 (0)1 44 27 49 78. [1999]

Chavtur, V.G. Laboratory of Planktonology, Institute of Marine Biology, Far East Branch, Russian Academy of Sciences, Vladivostok 690041, Russia, Tel: 4232-31-11-69. [1998]

Chen, Chun-Rui. Exploration and Development Research Institute of Daqing Petroleum Administrative Bureau, Heilongjiang, China, 163712, Tel: (0459) 5508442. [1999]

Chen, De-Qiong. Nanjing Institute of Geology and Palaeontology, Academia Sinica, Chi-Ming-Ssu, Nanjing, China, 210008. Fax: 86-25-3357026. [1999]

Chen, Shu-Wei. Geological Research Party, Northwest China Bureau of Petroleum Geology, Urumqi, Xinjiang, China, 830011. [1999]

Chine, Neila. Entreprise tunisienne d'activités pétrolières, 27 bis Av. Khereddine Pacha, 1002 Tunis-Bevedere, Tunisia, Tel: 01-78-22-75. [1998]

Chintauan, Ioan. Muzeul Judetean Bistrita-Nasaud, 4400 Bistrita, Str. Gen. Grigore Balam no. 19, Jud. Bistrita-Nasaud, Romania. [1998]

Christensen, Ole Bruun. Den Norske Stats Oljeselskap a.s., Exploration Technology (Statoil), 4035 Stavanger, Norway, Fax: 47-51-80-66-60, <Monh@statoil.no>. [1998]

Ciampo, Giuliano. Dipartimento di Scienze della Terra/ Università degli Studi di Napoli "Federico II"/ Largo S. Marcellino, 10/ 80138 Napoli – Italy. Tel: 39-081-5473340, Fax: 39-081-5525511. [1999]

Civis-Llovera, Jorge. Area de Paleontología/ Facultad de Ciencias/ Universidad de Salamanca/ 37008 SALAMANCA (Spain). Tel: 34 923 29 44 97, Fax: 34 923 29 4491, <civis@gugu.usal.es> [1999]

Cochrane, J.H. School of Geography, Kingston University, Penrhyn Road, Kingston-upon-Thames, Surrey, KT1 2EE, United Kingdom. [1998]

Coen, Michel. Institut Géologique/ Université de Louvain/ Laboratoire de Paléontologie et de Paleogéographie/ Place Louis Pasteur 3/ B-1348 Louvain-la-Neuve/ Belgium. Tel: +32-10-47-81-97, Fax: +32-10-47-25-56, <coen@page.ucl.ac.be> [1999]

Cohen, Andrew S. Department of Geosciences, University of Arizona, Tucson, Arizona 85721 USA. [1998]

Cohen, Anne C. Bodega Bay Marine Lab [UC Davis]/ P.O. Box 247/ Bodega Bay, CA 94923; Fax: 707/ 875-2009, <acohen@neteze.com> [1999]

Coimbra, João Carlos. Departamento de Paleontologia e Estratigrafia/ Instituto de Geociências/ Universidade Federal do Rio Grande do Sul/ Cx.P.15001 - Cep. 91501-970/ Brazil. Tel: + 55(51) 3166384, Fax: + 55(51) 3191811, <Coimbra@if.ufrgs.br> [1999]

Colalongo, Maria Luisa. Dipartimento di Scienze della Terra/ e geologico-ambientali dell'Università di Bologna/ Via Zamboni, 67/ 40127 Bologna – Italy. Tel: 39-051-354543, Fax: 39-051-354522. [1999]

Coles, Graham Peter. Geochem Group of Companies, Chester Street, Saltney, Chester CH4 0RA, Great Britain. [1998]

Colin, Jean-Paul, ESSO REP - 213, Cours V. Hugo - 33323 BEGLES Cedex - France. Tel: 33 (0)5

56 49 85 25, Fax: 33 (0)5 56 49 85 43 (private : 33 (0)5 56 78 25 63), <colinjp@compuserve.com> [1999]

Copeland, Murray. Geological Survey of Canada, Energy, Mines and Resources, 601 Booth Street, Ottawa, Ontario K1A 0E8, Canada. [1998]

Crasquin – Soleau, Sylvie. Département de Géologie sédimentaire - Université P. et M. Curie (Paris VI) - T 15/25, case 104, 4 Place Jussieu - 75252 PARIS Cedex 05 - France. Tel: 33 (0)1 44 27 50 37, Fax: 33 (0)1 44 27 50 37, <crasquin@ccr.jussieu.fr> [1999]

Cronin, Thomas M. U.S. Geological Survey, 955 National Center/ US Geological Survey/ Reston, VA 20192. Tel: 703/ 648-6363, Fax: 703/ 648-6032, <tcronin@usgs.gov> [1999]

Cui, Zhan-Tang. Sedimentology Division, The Institute of Petroleum Exploration and Development, North China Oil Branch. Renqiu City, Hebei Province, China, 062552. [1999]

Curry, Brandon. Quaternary Geology/ Illinois State Geological Survey/ 615 E. Peabody Dr./ Champaign, IL 61820. Tel: 217/ -244-5787, Fax: 217/ 333-2830, <curry@isgs.uiuc.edu> [1999]

Cusminsky, G. C. PROGEB. Ap. Postal n° 47, (8400) San Carlos de Bariloche, Río Negro, Argentina. Fax: 54-294-4442056, <patrigna@bariloche.com.ar> [1999]

Dalbey, Timothy S. 2719 Santa Cruz Drive, Dallas, Texas 75227-9341 USA. [1998]

Damotte, Renée. Laboratoire de Micropaléontologie - Université P. et M. Curie (Paris VI) - 4, Place Jussieu - 75252 PARIS Cedex 05 - France. Tel: 33 (0)1 44 27 49 87, Fax: 33 (0)1 44 27 38 31, <damotte@ccr.jussieu.fr> [1999]

Danielopol, Dan L. Institute of Limnology/ Austrian Academy of Sciences/ A-5310 Mondsee/ Austria. Tel: 0043-(0) 6232-3125-27, Fax: 0043-(0) 6232-3578, <dan.danielopol@oeaw.ac.at>, <http://www.oeaw.ac.at/limno>. [1999]

D'Arpa, Caroline. Dipartimento di Geologia e Geodesia, Corso Tukory 131, 90134 Palermo, Italy, Fax: 39-91-6170864. [1998]

Davies, Heather L. School of Geography, Kingston University, Penrhyn Road, Kingston-upon-Thames, Surrey., KT1 2EE, United Kingdom. [1998]

De Deckker, Patrick. Dept. of Geology/ The Australian National University/ Canberra ACT 0200/ Australia. Tel: +61-2-62492070 [work], +61-2-6251 1414[home], Fax: +61-2-62495544, <patrick.dedeckker@anu.edu.au> [1999]

De Lacerda Grillo, Jeanine. PETROBRAS-CENPES Research and Development Center/ Ilha do Fundao - Cidade Universitaria/ Quadra 7, 21949-900/ Rio de Janeiro/ Brazil. Tel: +55-21-5986434, Fax: +55-21-2803318. [1999]

Degrassi, C. Istituto di Geologia e Paleontologia, Università di Trieste, Piazzale Europa 1, 34127 Trieste, Italy. [1998]

Dell'Antonia, Barbara. Dipartimento di Scienze della Terra/ Università di Pisa/ Via S. Maria, 53/ 56126 Pisa – Italy. Tel: 39-050-847111, Fax: 39-050-500932, <bossio@dst.unipi.it> [1999]

Depeche, Françoise. Laboratoire de Micropaléontologie - Université P. et M. Curie (Paris VI) - 4, Place Jussieu - 75252 PARIS Cedex 05 - France. Tel: 33 (0)1 44 27 49 88, Fax: 33 (0)1 44 27 38 31. [1999]

Dewey, Chris P. Department of Geosciences, P.O. Drawer 5448, Mississippi State University, Mississippi State, MS 39762. [1998]

Didie, Claudia. GEOMAR Research Centre for Marine Geosciences, Wischhofstr. 1-3, D-24148

Kiel, Germany, Tel: 49-431-600-2828, Fax: 49-431-600-2941, <cdidie@geomar.de>. [1998]

Dingle, Richard V. Geologisk Institut, Kobenhavns Universitet, Oster Voldgade 10, DK-1350 Kobenhavn, Denmark, <RVDI@geol.geol.ku.dk>. [1998]

Djaiz, Rabah. Departement de Geologie-Oceanographie, Universite Bordeaux 1, Avenue des Facultes, 33405 Talence, Cedex, France, Tel: 56-84-88-55, Fax: 56-84-08-48. [1998]

Donze, Pierre. 16, Chemin du Forezan - 73160 COGNIN – France. Tel: 33 (04) 79 69 73 52. [1999]

Doruk, Neriman. Ege University, Doga Tarihi Muzesi, Bornova-IZMIR, Turkey, <Doruk@fenfak.ege.edu.tr>. [1998]

Driss, Nachite. Faculte des Sciences, Departement de Biologie, Universite Sidi Mohamed ben Abdallah, BP 300, Tetouan, Morocco. [1998]

Ducasse, Odette. Département de Géologie - Océanographie - Université Bordeaux I - Avenue des Facultés - 33405 TALENCE Cedex - France. Tel: 33 (0)5 56 84 88 60, Fax: 33 (0)5 56 84 08 48. [1999]

Duru, Mehmet. Maden Tetkik ve Arama Genel Mudurlugu, Jeoloji Etudleri Dairesi, Ankara, Turkey. [1998]

Eagar, Stephen H. School of Earth Sciences/ Victoria University/ PO Box 600/ Wellington/ New Zealand. Tel: +64 4 471 5345, Fax: +64 4 4955186, <Stephen.Eagar@vuw.ac.nz> [1999]

Echevarría, A. E., Secretaría de Minería, Servicio Geológico Minero Argentino, Julio A. Roca 651-piso 10º, (1322) Buenos Aires, Argentina, Fax: 54-11-4349 3198 <AECHEV@SECIND-MECON.AR> [1999]

Echols, Dorothy. 218 Calverton Road, Ferguson, Missouri 63135 USA. [1998]

Eisenhauer, Gary B. Robertson Research International Ltd./ Tyn-y-coed/ Llandudno/ North Wales/ LL30 1SA. Tel: +44 (0)1492 581811 x262, Fax: +44 (0)1492 583416, <gbe@robresint.co.uk>, [1999]

Elewa, Ashraf Mohamed Tawfeek. Geology Dept./ El Minia Univ./ Egypt, <rumenia@rusys.EG.net> [1999]

Elstrom, Dann. Danish Bilharziasis Laboratory, Jaegersborg 1D, DK 2920 Charlottenlund, Danmark. [1998]

Ettachfini, El Mostafa. Université Chouaib Doukkali, Faculté des Sciences, B.P 20, El JADIDA - Morocco. Tel: (3) 34 23 25/34 30 03, Fax: (3) 34 21 87. [1999]

Evdokimova, I.O. Department of Stratigraphy and Palaeontology, All-Russian Geological Research Institute (VSEGEI), 74 Srednii pr., 199106, St.Petersburg, Russia. <irina@IB2567.spb.edu> [1999]

Faranda, Costanza. Via Ignazio Silone, 2/ 00010 Villa Adriana/ Roma – Italy. [1999]

Fatmi, S. Farah. 233-B, Block-6/ Gulshan 'Qbal/ Karachi/ Pakistan. Tel: 4578563. [1998]

Fauth, Gerson. Geologisch-Palaeontologisches Institut, Im Neuenheimer Feld 234, Z-303, D-69120 Heidelberg, Germany, Fax: 49-6221-545503, <gfauth@ix.urz.uni-heidelberg.de>. [1998]

Feng, Xiao-Jie. Department of Earth Science, University of Petroleum, Changping, Beijing, China, 102200. Tel: (010)69745566-3290, <sunzc@www.bjpeu.edu.cn> [1999]

Fernandez-Arias, Carmen. Departamento de Paleontologia/ Facultad de Ciencias Geológicas/ Universidad Complutense de Madrid/ 28040 MADRID (Spain). Tel: 34 91 394 50 20, Fax: 34 91 394

4849. [1999]

Ferrari, Ireneo. Dipartimento di Scienze Ambientali/ Università degli Studi di Parma/ Viale delle Scienze/ 43100 Parma – Italy. Tel: 39-0521-905609, Fax: 39-0521-905402, <ireneo@dsa.unipr.it> [1999]

Ferrero, Laura. Centro de Geología de Costas, CC 722-Correo Central, (7600) Mar del Plata, Argentina. Fax: 54-223-4753150, <marmart@mdp.edu.ar> [1999]

Finger, Ken. <KLFpaleo@aol.com>. [1998]

Fohrer, Beate. Palaeontolog. Inst. der Universitaet, Loewenichstr.28, D-91054 Erlangen, Germany. [1999]

Forester, Rick. MS 980, U. S. Geological Survey/ Denver Federal Center/ Denver, CO 80225. Fax: (303)-236-5349, <forester@usgs.gov> [1999]

Freitas, Luiz Carlos da Silva. E & P BA, GEXP/GELAB - R. Interventor Mario Camara, 2783 bl. F., s. 31, Nazare, Natal, RN, Brazil, CEP 59074600. [1998]

Frenzel, Peter, Laboratoire de Geologie, Fac. Sciences, Universite d'Angers, 2 Bd Lavoisier, 49045 Angers cedex, France, tel. +33 2 41 73 50 02, Fax: +33 2 41 73 53 52, <Peter.Frensel@SCIENCES.UNIV-ANGERS.FR> [1999]

Frogley, Michael. Godwin Institute for Quaternary Research/ Department of Zoology/ University of Cambridge/ Downing Street/ CAMBRIDGE/ CB2 3EJ/ UK. Tel: +44 (0)1223-336625 (Office), Fax: +44 (0)1223-336676, Tel: +44 (0)1223-338648 (College), <mrf1002@cus.cam.ac.uk>, [1999]

Fuhrmann, Rohland. Eilenburger Strasse 24, D-04317 Leipzig, Germany. [1999]

Gabas i Gasa, Montse. Institut de Ciencies de la Terra "Jaume Almera" CSIC/ c/o Lluís Solé i Sabaris s/n /08028 BARCELONA. (Spain). Tel: 34 93 3302716, Fax: 34 93 4110012, <mgabas@ija.csic.es> [1999]

Galm, Paulo Cesar. E & P BA, GEXP/GELAB - Rua do Acre, 2504 Bairro Siqueira Campos, CEP 49080-010, Aracaju, SE, Brazil. [1998]

Galoukas, Stelios F. 8, D. Solomon str., P. Phaliron, Athens 17563, Greece, <sgaloukas@yahoo.com>. [1998]

Gandolfi, Andrea. Dipartimento di Scienze Ambientali/ Università degli Studi di Parma/ Viale delle Scienze/ 43100 Parma – Italy. Tel: 39-0521-905612, Fax: 39-0521-905402, <andrea@dsa.unipr.it> [1999]

Gandolfi, Giovanni. Dipartimento di Scienze Ambientali, Università degli Studi di Parma, Viale delle Scienze, 43100 Parma, Italy, Tel: 39-521-905611, Fax: 39-521-905402, <valeria@dsa.unipr.it>. [1998]

Geiger, Walter. Institut for Limnologie, Gaisberg 116, A-5310 Mondsee, Austria. [1998]

Gentile, Giovanni. Dipartimento di Scienze Ambientali/ Università degli Studi di Parma/ Viale delle Scienze/ 43100 Parma – Italy. Tel: 39-0521-905611, Fax: 39-0521-905402, <valeria@dsa.unipr.it> [1999]

German, Donovan. Department of Marine Science, University of San Diego, San Diego, California, USA, <donovan56@hotmail.com>. [1998]

Gío-Argáez, F. Raúl. Instituto de Ciencias del Mar y Limnología, Universidad Nacional Autónoma de México, Circuito Exterior, Ciudad Universitaria, Delegación Coyoacán, 04510, D.F., Mexico. Tel: (5) 622.58.06, Fax: (5) 548.25.82, <raulg@mar.icmyl.unam.mx> [1999]

Gliozzi, Elsa. C. S. Quaternario ed Evoluzione Ambientale, C.N.R./ c/o Dip. Scienze della Terra Univ. "La Sapienza"/ P.le Aldo Moro, 5/ 00185 Roma – Italy. Tel: 39-06-4456634, Fax: 39-06-4468632, <gliozzi@gea.geo.uniroma1.it> [1999]

Gong, Fu-Sheng. Research Center of Bohai oil Company, P.O.Box 536, Tanggu, Tianjin, China, 300452. [1999]

Gonzalez-Porta, Jordi. Departament d'Ecologia/ Facultat de Biologia/ Universitat de Barcelona/ Av Diagonal 645/ 08028 Barcelona (Spain). Tel: +34-93-402-15-06, Fax: 34 93 411 1438, <porta@bio.ub.es> [1999]

González-Regalado, M. Luz. Departamento de Geología/ Universidad de Huelva/ Campus Universitario de La Rábida/ 21819 HUELVA (Spain). Tel: 34 959 351000; 351012; 351304, Fax: 34 959 530175, <montero@uhu.es> [1999]

Gou, Yun-Xian. Nanjing Institute of Geology and Palaeontology, Academia Sinica, Chi-Ming-Ssu, Nanjing, China, 210008. Fax:86-25-3357026. [1999]

Gozalo, Rodolfo. Departamento de Geología/ Universitat de Valencia/ Dr. Moliner/ 50/ E-46100 BURJASOT/ VALENCIA (Spain). Tel: 34 96 386 43 98, Fax: 34 96 386 43 72, <rodolfo.gozalo@uv.es> [1999]

Grace, Mark. "Talwrn", 5 Cambridge Terrace, Queens Road, Aberystwyth, SY23 1HR, Great Britain. [1998]

Grafenstein, Ulrich von. LSCE, Laboratoire des Sciences du Climat et de l'Environnement, Domaine du CNRS, Avenue de la Terrasse, F-91198 Gif-sur Yvette, France, Tel: 0033-1-69-82-43-62, <uligraf@cfr.cnrs-gif.fr>. [1998]

Gramann, Franz. Erdbrandweg 82, D-30938 Grossburgwedel, Germany. [1999]

Griffiths, Huw. Department of Geography, University of Hull, Kingston-upon-Hull, Great Britain HU6 7RX, Tel: 1482-465339, Fax: 1482-466340, <H.I.Griffiths@geo.hull.ac.uk>. [1998]

Grigg, Ursula. 2560 Joseph Street, HaliFax, Nova Scotia B3L 3H4, Canada <Ursula.Grigg@Stmarys.ca>. [1999]

Grillo, Jeanine de Lacerda. E & P BA, GEXP/GELAB - Av. Antonio Carlos Magalhaes, 1113, 4 Andar, sala 401, CEP 41850-000, Pituba, Salvador, BA, Brazil. [1998]

Grosdidier, Emmanuel. 2, Impasse de la Côte - 31360 BOUSSENS - France. [1999]

Gross, Martin. Inst. fuer Geologie & Palaeontologie/ Karl-Franzens-Universitaet Graz/ Heinrichstrasse 26, A-8010 Graz, Austria. Tel: +43 316 / 380 8731, Fax: +43 316 / 380 9871, <martin.gross@kfunigraz.ac.at> [1999]

Guan, Shao-Zheng. Geological Institute for Chemical and Minerals, Ministry of Chemical Industry, Zhuozhou, Hebei, China, 072754. Tel: (0312)3636349 (Home), (0312)3682218 (Office). [1999]

Guernet, Claude. Laboratoire de Micropaléontologie - Université P. et M. Curie (Paris VI) - 4, Place Jussieu - 75252 PARIS Cedex 05 - France. Tel: 33 (0)1 44 27 49 81, Fax: 33 (0)1 44 27 38 66, <guernet@ccr.jussieu.fr> [1999]

Guha, D.K. Deputy General Manager (Geology), Special Studies Group, K.D.M.I.P.E., Oil and Natural Gas Commission, 9 Kaulagarh Road, Dehra Dun 248 195, India. [1998]

Guillaume, Marie-Claude. Laboratoire de Zoologie et Biologie des organismes marins - Université P. et M. Curie (Paris VI) - Bat. A, B6 - 4, Place Jussieu - 75252 PARIS Cedex 05 - France. Tel: 33 (0)1 44 27 25 30, Fax: 33 (0)1 44 27 52 50. [1999]

- Gulen, Dinger.** Istanbul Universitesi, Fen Fakultesi, 34459 Vezneciler-Istanbul, Turkey. [1998]
- Gupta, Sunit.** Department of Geology, University of Lucknow, Lucknow 7, India, Tel: 213213 residence, 323798 office, <lkuniv@ernet.sirnetd.in>. [1998]
- Guzzo, Jarbas V. P.** PETROBRAS-CENPES Research and Development Center/ Ilha do Fundao - Cidade Universitaria/ Quadra 7, 21949-900/ Rio de Janeiro/ Brazil. Tel: +55-21-5986434, Fax: +55-21-2803318, <guzzo@cenpes.petrobras.com.br> [1999]
- Hahn, Hans-Juergen.** Universitaet Koblenz/Landau, Inst. f. Umweltforsch. Und Umweltbildung (IFU), Abt. Landau, Im Fort 7, D-76829 Landau, Germany, Tel: 49-6341-906 or 280-171, Fax: 49-6341-280-131. [1998]
- Hajek-Tadesse, V.** Institute of Geology, Saksova 2, 10000 Zagreb, Croatia, Tel: 385-161-52300, Fax: 385-161-50567, <tadess@magi.igi.hr>. [1998]
- Hanai, Tetsuro.** 5-18-24 Yagumo, Meguro, Tokyo 152, Japan. [1998]
- Hao, Wei-Cheng.** Department of Geology, Beijing University, Beijing, China, 100871. [1999]
- Harloff, Joachim.** Karolinastr. 9, D 28195 Bremen, Germany, <harloff@zfn.uni-bremen.de>. [1998]
- Hartmann, Gerd.** Zoologisches Institut und Museum, Universitat Hamburg, Martin-Luther-King-Platz 3, D-20146 Hamburg 13, Germany. [1998]
- Hayashi, Keiichi.** Upper Secondary School Attached to Tokyo Gakugei University/ 4-1-5 Shimouma/ Setagaya-Ku/ Tokyo 154-0002/ Japan. Fax: +81-3-3421-5152, <klhayasi@gakugei-hs.setagaya.tokyo.jp> [1999]
- Hazel, Joe.** Louisiana State University/ Dept. of Geology, and Geophysics/ Baton Rouge, LA 70803. Tel: 225/ 388-2692, Fax: 225/ 388-2302, <JoePaleo@aol.com> [1999]
- Hebert, Paul D.N.** Department of Zoology, University of Guelph, Guelph, Ontario N1G 2W1, Canada. [1998]
- Heinrich, Finn.** Zoologisches Institut und Museum, J.-S. Bach-Str. 11-12, 17487 Greifswald, Germany, <heinrich@gryps1.rz.univ-greifswald.de>. [1998]
- Herrig, E.** Ernst-Moritz-Arndt-Universitaet Greifswald, Geologisch-Palaeontologisches Institut, Friedrich-Ludwig-Jahn-Str. 17a, D-17489 Greifswald, Germany, Tel: +49 3834/864550 or 864552, Fax: +49 3834/864572. [1999]
- Hinz-Schallreuter, I.** Museum fuer Naturkunde, Institut fuer Palaeontologie, Invalidenstr. 43, 10115 Berlin, Tel: +49 30/2093-8671, Fax: +49 30/ 2093- 8671, <ingelore.hinz-schallreuter@rz.hu-berlin.de>. [1999]
- Hiruta, Shin-Ichi.** Biological Laboratory/ Hokkaido University of Education at Kushiro/ Kushiro 085-8580/ Japan. Fax: +81-154-44-3336, <hiruta@kus.hokkyodai.ac.jp> [1999]
- Hoibian, Thierry.** Université Française du Pacifique/ Centre Universitaire de Nouvelle-Calédonie/ B.P. 4477 NOUMEA CEDEX/ NEW CALEDONIA. Tel: (687) 26 58 68, Fax: (687) 25.48.29, <hoibian@ufp.nc> [1999]
- Holloway, Lucy K.** WB19, Department of Geography, Coventry University, Priory Street, Coventry CV1 5FB, United Kingdom, Tel: 44-01203-631313 ext. 5101, Fax: 44-01203-838447, <lkn@coventry.ac.uk>. [1998]
- Holmes, Jonathan A.** Reader in Physical Geography/ School of Geography/ Kingston University/ Penrhyn Road/ Kingston upon Thames/ Surrey KT1 2EE/ UK. Tel: +44 (0)181 547 7500 (direct), Tel: +44 (0)181 547 7502 (secretary), Fax: +44 (0)181 547 7497, <j.holmes@kingston.ac.uk>, website:

http://www.kingston.ac.uk/~gg_s416/start.html, [1999]

Honigstein, Avraham. Ministry of National Infrastructures/ Oil and Gas section/ 234 Yafo St., P.O.B. 13106/ Jerusalem 91130 ISRAEL. Tel: 972-2-5316058, Fax: 972-2-5316087, <ahonigstein@mni.gov.il> [1999]

Horne, David C. Department of Zoology/ University of Cambridge/ Downing Street/ Cambridge CB2 3EJ/ United Kingdom. Tel: +44 (0)1223 336629, Fax: +44 (0)1223 332276, <dch23@cus.cam.ac.uk>, [1999]

Horne, David J. School of Earth & Environmental Sciences/ University of Greenwich/ Medway University Campus/ Chatham Maritime/ Kent ME4 4TB/ UK. Tel. +44 (0)20 8 331 9841, Fax. +44 (0)20 8 331 9805, <d.j.horne@greenwich.ac.uk>, [1999]

Horsley, Jaren G. Curator of Invertebrates (retired), National Zoological Park, Smithsonian Institution, Washington, D.C., Tel: 202-673-4759, Fax: 202-673-4943, <jhorsley@sivm.si.edu>. [1998]

Hou, You-Tang. Nanjing Institute of Geology and Palaeontology, Academia Sinica, Chi-Ming-Ssu, Nanjing, China, 210008. Fax: 86-25-3357026. [1999]

Huang, Bao-Ren. Nanjing Institute of Geology and Palaeontology, Academia Sinica, Chi-Ming-Ssu, Nanjing, China, 210008. Fax: 86-25-3357026. [1999]

Huang, Yu-Qing. the 3rd Brigade of Petroleum Prospecting and Exploration, Ministry of Geology and Minerals, Ta-er-po, Xianyang, Shanxi, China, 712000. [1999]

Hudec, Pavel. Department of Geology and Paleontology, Moravian Museum, Zelny trh 6, CZ-65937 Brno, Czech Republic. [1998]

Huh, Min. College of Natural Sciences, Chonnam National University, Kwanju, 500-757, Korea. [1998]

Hussain, Shaik M. Department of Geology/ University of Madras/ A. C. College Campus/ Chennai – 600 026/ India. <shussain@unimad.ernet.in> [1999]

Ikeya, Noriyuki. Institute of Geosciences/ Faculty of Science/ Shizuoka University/ Oya 836/ Shizuoka 422-8529/ Japan. Fax: +81-54-238-0491, <senikey@sci.shizuoka.ac.jp> [1999]

Ikuta, Kyosuka. University of Tsukuba, Institute of Biological Sciences, University of Tsukuba, Tsukuba, Ibaraki 305, Japan. [1998]

Ingram, Caroline. School of Ocean Sciences, Menai Bridge, Gwynedd, LL59 5EY, Great Britain. [1998]

Irizuki, Toshiaki. Department of Earth Sciences/ Aichi University of Education/ Hirosawa 1, Igaya-cho/ Kariya 448-8542/ Japan. Tel. and Fax: +81-566-26-2375, <tirizuki@aecc.alchi-edu.ac.jp> [1999]

Ishizaki, Kunihiro. Tomegaya 1-24-6/ Tagojo City/ Miyagi Prefecture 985-0871/ Japan. <kishizaki@po.spherene.jp> [1999]

Ito, Emi. Geology and Geophysics and the Limnological Research Center/ University of Minnesota/ 310 Pillsbury Drive, SE/ Minneapolis, MN 55455. Tel: 612-624-7881, Fax: 612-625-3819, <eito@umn.edu> [1999]

Iwasaki, Yasuhide. Department of Geology, Faculty of Science, Kumamoto University, Kumamoto 860, Japan. [1998]

Jain, S.P. House No. 93, Sector-16A, Chandigarh 160 015, India. [1998]

- Janz, Horst.** Institut fuer Mineralogie, Petrologie und Geochemie, Universitaet Tuebingen, Wilhelmstrasse 56, D-72074 Tuebingen, Germany, Tel:07071/29-78908, Fax. 07071/29-5713, <horst.janz@uni-tuebingen.de> [1999]
- Jellinek, Thomas.** Forschungsinstitut Senckenberg, Senckenberganlage 25, D-60325 Frankfurt, Germany. Tel: +49-69-97075-139, Fax: +49-69-97975-137, <tjellinek@sngkw.uni-frankfurt.de> [1999]
- Jiang, Fei-Hu.** Exploration and Development Science Institute, Zhongyuan Petroleum Exploration Bureau, Henan, China, 457001. [1999]
- Jiang, Xian-Ting.** Research Institute of exploration and development, Xinjiang Petroleum Administration, Karamay, Xinjiang, China, 834000. [1999]
- Johnson, Nicola A.** Geological Data Assistant/ Geoscience/ British Antarctic Survey/ High Cross, Madingley Road/ Cambridge CB3 0ET. Tel: (Direct Line): +44 (0)1223 221439, Tel: (Reception): +44 (0)1223 221400, Fax: +44 (0)1223 362616, <N.Johnson@BAS.AC.UK>, [1999]
- Jones, Peter.** Department of Geology/ The Australian National University/ Canberra, ACT 0200/ Australia. Fax: +61 02 6249 5544, <peter.jones@geology.anu.edu.au> [1999]
- Jones, Richard.** Institute of Earth Studies, University of Wales, Aberystwyth, Dyfed SY23 3DB, United Kingdom . [1998]
- Kaesler, Roger.** Paleontological Institute/ University of Kansas/ 121 Lindley Hall/ Lawrence, KS 66045-2911. Tel: 785/ 864-3338, Fax: 785/ 864-5276, <kaesler@ukans.edu> [1999]
- Kamiya, Takahiro.** Department of Earth Sciences/ Faculty of Science/ Kanazawa University/ Kakuma/ Kanazawa 920-1192/ Japan. Fax: +81-762-64-5746, <takamiya@kenroku.kanazawa-u.ac.jp> [1999]
- Kang, Yy-Yi.** Department of Earth Science, Nanjing University, Nanjing, China, 210008. [1999]
- Kantorek, Jan.** Department of Biology, University of Ostrava, 701 03 Ostrava 1, Czech Republic. [1998]
- Keen, Michael C.** Department of Geology, University of Glasgow, Glasgow G12 8QQ, Great Britain. [1998]
- Kempf, Eugen K.** Universitaet zu Koeln, Geologisches Institute, Zuelpicher Strasse 49, D-50674 Koeln, Germany, Tel.: +49 221/ 470 2538, Fax: +49 221/ 470 5149. [1999]
- Keyser, Dietmar.** Zoologisches Institut und Museum, Martin-Luther-King-Platz 3, D-20146 Hamburg, Germany, Tel:+49 40 42838 4232, Fax: +49 40 42838 3937, <Keyser@zoologie.uni-hamburg.de> [1999]
- Khalaf, Saleh K.** Department of Geology, College of Science, University of Mosul, Mosul, Iraq. [1998]
- Khosla, S.C.** Department of Geology, Mohanlal Sukhadia University, 51 Saraswati Marg, Udaipur 313001, Rajasthan, India, Tel: 011-294-584339, Fax: 011-294-413150, <Jakhar@phynt.mlsu.ac.in>. [1998]
- Kilic, Mustafa.** Istanbul University/ Faculty of Science/ Department of Biology/ 34459/ Vezneciler-Beyazit/ Istanbul- TURKEY. [1999]
- Kim, Yong-Kee.** Department of Earth and Environmental Sciences, College of Natural Science, Korea University, 1, 5-ka, Anam-dong, Sungbuk-ku, Seoul 136-701, Korea. [1998]
- Kiss, A.** MTA Ökológiai és Botanikai Kutató Intézet, H-2163 Vácrátót, Alkotmány u.2-4,

<kissa@botanika.botanika.hu> [1999]

Klimowicz, Malgorzata. Department of General Zoology, Wroclaw University, Zoological Institute, 21 Sienkiewicza, 50-335 Wroclaw, Poland, Tel:/Fax: 48-71-222817, <lake@biol.uni.wroc.pl>. [1998]

Knox, Larry. P.O. Box 5125, Tennessee Tech, Cookeville, TN 38505 USA, Tel: 931-372-3523, Fax: 931-372-3363, <Lknox@TnTech.edu>. [1998]

Kontrovitz, Mervin. College of Pure and Applied Sciences/ Northeast Louisiana University/ Monroe, LA 71209-0500. Tel: 318/ 342-1750, Fax: 318/ 342-1755, <Kontrovitz@alpha.nlu.edu> [1999]

Kopecky, Jirka. Department of Zoology and Ecology/ Masaryk University/ Kotlářská 2/ CS-61137 BRNO/ Czech Republic. Tel: (05) 41129567, Fax: (05) 41211214, <jirkakop@sci.muni.cz> [1999]

Korecz, Andrea. Hungarian Hydrocarbon Institute, Szazhalombatta, P.O. Box 32, H-1443 Budapest, Stefania u., 14, Hungary. [1998]

Kornicker, Louis. Department of Invertebrate Zoology, Smithsonian Institution, Room 163, National Museum of Natural History, Washington, D.C. 20560 USA. [1998]

Kozur, H. H-1029 Budapest, Rézsü u.83. [1999]

Krstic, N. Geoinstitut, Rovinjska 12, P.O. Box 42m 11000 Beograd 22, Yugoslavia. [1998]

Kruta, Miroslav. Institute of Geology, Academy of Science of Czech Republic, Rozvojova 135, 165 00 Prague 6, Czech Republic. [1998]

Krutak, Paul. P. Krutak Geoservices International/ 2118 Main Street/ P.O. Box 369/ Rye, CO 81069 Tel/Fax: 719/ 489-2282; <rhi@fone.net> [1999][effective June 12, 1999]

Krzyminska, Jarmila. Panstwowy Instytut Geologiczny, Oddzia Geologii Morza, Polna 62, 81-740 Sopot, Poland. [1998]

Kubanc, O. Istanbul Universitesi, Fen Fakultesi, 34459 Vezneciler-Istanbul, Turkey. [1998]

Kuglitsch, Jeff. 9139 West Barnard Avenue/ Greenfield, WI 53228; <kug@globaldialog.com> [1999]

Kukhtinov-Saratov, D. <ccvg@mail.saratov.ru> [1999]

Kulkoyluoglu, Okan. Department of Biology #314/ Ecology, Evolution and Conservation Biology Program/ University of Nevada, Reno/ Reno, Nevada 89557/ U.S.A. Tel: 775/ 784 4009, Fax: 775/ 784 1302, <kulko_o@med.unr.edu> [1999] [This address is good through June 1999. After that, Okan will be in Turkey.]

Kussius, Karina. Institut f. Palaeontologie, Malteserstr. 74-100, 12249 Berlin, Germany, <kussius@zedat.fu-berlin.de> [1999]

Lambert, Pierre. Lamont-Doherty Earth Observatory/ Palisades, NY 10964. Tel: (914) 365-8723 (8590:private), Fax: (914) 365-8158, <pierrel@ldeo.columbia.edu> [1999]

Lane, Adrian. Sheffield Centre for International Drylands Research, Department of Geography, Sheffield University, Winter Street, Sheffield S10 2TN, United Kingdom, Tel: 44-0114-2227930, Fax: 44-0114-2797912, <GGP95AFL@sheffield.ac.uk>. [1998]

Langer, Wolfgang. Inst. f. Palaeontologie, Nussallee 8, D-53115 Bonn. [1999]

Laprida, C. Departamento Ciencias Geológicas, Facultad de Ciencias Exactas y Naturales- UBA, Ciudad Universitaria Nuñez- Pab 2, (1428) Buenos Aires, Argentina. Fax: 54-11-47820620,

<chechu@gl.fcen.uba.ar> [1999]

Lara Corona, Elizabeth. Laboratoire de Stratigraphie séquentielle et Micropaléontologie - Université Paul Sabatier - 39, Allées J. Guesde- 31062 TOULOUSE Cedex - France. Tel: 33 (0)5 61 55 80 59, Fax: 33 (0)5 61 55 80 49. [1999]

Lee, Eui-Hyeong. Dept. of Earth & Environmental Sciences, Korea University, 1, 5-ka, Anam-dong, Sungbuk-ku, Seoul, 136-701, Korea. <ehlee@kuccnx.korea.ac.kr> [1999]

Lethiers, Francis. Laboratoire de Micropaléontologie - Université P. et M. Curie (Paris VI) - 4, Place Jussieu - 75252 PARIS Cedex 05 - France. Tel: 33 (0)1 44 27 49 85, Fax: 33 (0)1 44 27 38 31, <lethiers@ccr.jussieu.fr> [1999]

Li, Dongming. Department of Earth Science, University of Petroleum, Changping, Beijing, China, 102200. Tel: (010) 69745566-3290, <sunzc@www.bjpeu.edu.cn> [1999]

Li, Ling-Li. Geological Research Institute, Shengli Petroleum Administration, Dongying, Shandong, China, 257015.

Li, You-Gui. Institute of Geology, Chinese Academy of Geological Science, Baiwanzhuang Road, Beijing, China, 100037. [1999]

Li, Yuan-Fang. Institute of Geography, Academia Sinica, Beijing, China, 100101. [1999]

Li, Zu-Wang. Geological Institute, Coal-field Geological Prospecting Company of Gansu, Lanzhou, China, 730000. [1999]

Liebau, Alexander. Institut und Museum fuer Geologie und Palaeontologier der Universitaet Tuebingen, Sigwartstrasse 10, D-72076 Tuebingen, Germany, Tel: +49 7071/ 296989, Fax: +49 7071 296990. [1999]

Lin, Shu-Pan. Research Institute of exploration and development, Xinjiang, Petroleum Administration, Karamay, Xinjiang, China, 834000. [1999]

Lissenberg, Theo, Netherlands Institute of Applied Geoscience TNO (National Geological Survey, P.O. Box 157, 2000 AD Haarlem, The Netherlands. Tel: (+31) 23 5300355; Fax: (+31) 23 5351614. <t.lissenberg@nitg.tno.nl> [1999]

Liu, Xiao-Li. Exploration and Development Science Institute, Zhongyuan Petroleum Exploration Bureau, Henan, China, 457001. [1999]

Liu, Zheng-Ming. Yunnan-Guizhou-Guangxi Institute of Petroleum Geology, Kunming, China, 650200. [1999]

Loeffler, Heinz. Althannstr.14/ Zoological Inst./ Biozentrum of the University/ A-1090 Vienna/ Austria. [1999]

Lofaldi, Magne. Stratlab s.s., Hvanveien 4, N-2013 Skjetten, Norway. [1998]

Lord, Alan R. Postgraduate Unit of Micropalaeontology/ Department of Geological Sciences/ University College London/ Gower Street/ LONDON WC1E 6BT. Tel: +44 (0)171 380 7131, Fax: +44 (0)171 388 7614, <DEAN.MAPS@ucl.ac.uk>, [1999]

Lu, Ya-Qiu. The Geological Analysis Center, Exploration and Development Research Institute of Jianghan Petroleum Administration, Guanghua, Qianjiang City, Hubei, China, 433124. [1999]

Luger, Peter, <peterluger@VOSSNET.de>. [1999]

Lundin, Robert F. Department of Geology/ P. O. Box 871404/ Arizona State University/ Tempe, AZ 85287-1404. Fax: (480) 965-8102, <robert.lundin@asu.edu> [1999]

Luque-Ripoll, Luis de. Departamento de Geología/ Museo Nacional de Ciencias Naturales/ Jose Gutierrez Abascal, 2/ E-28006 Madrid (Spain). Tel: 91 411 13 28, ext. 1178, Fax. 91 5 64 50 78, <mcnl150@mncn.csic.es> [1999]

Machain-Castillo, Maria Luisa. Instituto de Ciencias del Mar y Limnología, Universidad Nacional Autónoma de México, Circuito Exterior, Ciudad Universitaria, Delegación Coyoacán, 04510, D.F., Mexico. Tel: (5) 622.58.06 and (5) 622.57.72, Fax: 548.25.82, <machain@mar.icmyl.unam.mx> [1999]

MADDOCKS, Rosalie F., Department of Geosciences, University of Houston, Houston, TX 77204-5503 USA. [1998]

Magalhaes, Mara Regina. E&P BA, GEXP/GELAB - Av. Antonio Carlos Magalhaes, 1113, 4 Andar, sala 401, CEP 41850-000, Pituba, Brazil. [1998]

Majoran, Stefan. Department of Marine Geology/ Earth Sciences Centre/ Box 460/ SE-405 30 Goeteborg/ Sweden. Tel: 46.31.773 44 70, Fax: 46.31.773 49 03, <Stefan@marine-geology.gu.se> [1999]

Malec, Jan. Panstwowy Instytut Geologiczny, ul. Zgoda 21, 25-953 Kielce, Poland, Fax: 361-24-93. [1998]

Mallikarjuna, U. B. Department of Geology/ Bangalore University/Bangalore-560 056/ India. Tel: 91-080-3214001-313 extn., Fax: 91-080-3219295, <bnguni@kar.nic.in> [1999]

Malz, Heinz. Neulandstrasse 3, D-49565 Bramsche, Germany. [1998]

Mannikeri, M. S. Post-graduate Department of Studies in Geology/ Karnatak University/ Dharwad – 580 003, India. Fax: 0091-0836-42464 [1999]

Marmonier, Pierre. L.E.A.I. - Université de Savoie - 73376 LE BOURGET-DU-LAC - France. Tel: 33 (0)4 79 75 88 61, Fax: 33 (0)4 79 75 88 80.<marmonier@univ-savoie.fr> [1999]

Martens, Koen. Royal Belgian Institute of Natural Sciences/ Freshwater Biology/ Vautierstraat 29/ B-1000 Brussels/ Belgium. Tel: +32-2-62-74-315, Fax: +32-62-74-433, <martens@kbiniirnsb.be> [1999]

Martinez, Dina E. Departamento de Geología, Universidad Nacional del Sur, San Juan 670, 8000 Bahia Blanca, Argentina, <Dinamart@criba.edu.ar>. [1998]

Martin-Rubio, M. <gpbmarum@lg.ehu.es> [1999]

Masoli, Mario. Dipartimento di Scienze Geologiche Ambientali e Marine/ Università di Trieste/ Via E. Weiss 2/ 34127 Trieste – Italy. Tel: 39-040-6762041, Fax: 39-040-6762048, <pugliese@univ.trieste.it> [1999]

Mason, Graeme. 472 Pine Hill Road/ Pine Heights/ Dunedin/ New Zealand. Tel: +64 3 479 8741, <graeme.mason@stonebow.otago.ac.nz> [1999]

Matzke-Karasz, Renate. Institut für Paläontologie und Historische Geologie, Universitaet Muenchen, Richard-Wagner-Str. 10, 80333 Muenchen, Germany<r.matzke@lrz.uni-muenchen.de> or s<karasz@t-online.de> [1999]

Maupin, Christian. Laboratoire de Biogeographie et Biostratigraphie, Universite de nantes, 2 Rue de la Houssiniere, 44072 Nantes Cedex 03, France. [1998]

Maybury, Caroline. Robertson Research International, 581811, Tyn-y-coed Site, 583416, Llanrhos, Llandudno, North Wales, United Kingdom LL30 1SA, Tel: 44-01492, Fax: 44-01492-583416, Telex 61216 ROBRES G, 61559, SPTES G, <cm@robresint.co.uk>, <cam@aber.ac.uk>, General <info@robresint.co.uk>, WWW Site www.robres.co.uk. [1998]

- Mazzini, Ilaria.** Via Mario Menghini, 36/ 00179 Roma – Italy. <ilca@pronet.it> [1999]
- McKenzie, Kenneth G.** "Yugen" P.O. Box 759, Wagga Wagga 2650, N.S.W., Australia. [1998]
- Mechmeche, Rakia.** BP 109, El Manar 2, Tunisia, Tel: 216-1-719763. [1998]
- Meidla, To-nu.** Institute of Geology, University of Tartu, Venemuisse 46, EE2400 Tartu, Estonia. Tel: 372-7-375-839, Fax: 372-7-375-836, <tmeidla@math.ut.ee>. [1998]
- Meisch, Claude.** Musée National d'Histoire Naturelle/ 25 Rue Munster/ L-2160 Luxembourg. Tel: +352-25-34-65, Fax: +352-25-34-61, <claudemeisch@ci.educ.lu> [1999]
- Melis, Romana.** Istituto di Geologia e Paleontologia, Università di Trieste, Piazzale Europa 1, Trieste 34127, Italy. [1998]
- Melnikova, L.M.** Paleontological Institute, Russian Academy of Sciences, Moscow Profsoyuznaya 123, Russia 117647. [1998]
- Menozi, Paolo.** Dipartimento di Scienze Ambientali/ Università degli Studi di Parma/ Viale delle Scienze/ 43100 Parma – Italy. Tel: 39-0521-905612, Fax: 39-0521-905402, <menozzi@dsa.unipr.it> [1999]
- Mette, Wolfgang.** Institut fuer Geologie und Palaeontologie/ Universitaet Innsbruck/ Innrain 52/ 6020 Innsbruck/ Austria. Tel: 0512/507-5699, Fax: 0512/507-2914, <Wolfgang.Mette@uibk.ac.at> [1999]
- Meyboom, Wouter.** Institute of Earth Sciences, Free University, de Boelelaan 1085, HV 1081 Amsterdam, The Netherlands. [1998]
- Mezquita i Juanes, Francesc.** Departament de Ecologia/ Facultat de Ciències Biològiques/ Universitat de València/ Dr. Moliner, 50/ E-46100, BURJASSOT/ VALENCIA (Spain). Tel: 34 96 386 4383, Fax: 34 96 398 3099, <francesc.mezquita@uv.es> [1999]
- Miculan, Pietro.** Dipartimento di Scienze della Terra/ e Geologico-Ambientali/ Università di Bologna/ Via Zamboni, 67/ 40126 Bologna – Italy. Fax: 39-051-354522. [1999]
- Miknic, M.** Institute of Geology, Saksova 2, 1000 Zagreb, Croatia, Tel: 385-161-52300, Fax: 385-161-50567, <tadess@magi.igi.hr>. [1998]
- Milhau, Bruno.** Laboratoire de Paléontologie stratigraphique - Faculté libre des Sciences - 13, Rue de Toul - 59046 LILLE Cedex – France. Tel: 33 (0)3 20 51 22 96. [1999]
- Milhomem, Paulo.** PETROBRAS-CENPES Research and Development Center/ Ilha do Fundao - Cidade Universitaria/ Quadra 7, 21949-900/ Rio de Janeiro/ Brazil. Tel:+55-21-5986434, Fax: +55-21-2803318, <Milhomem@cenpes.petrobras.com.br> [1999]
- Miller, C. Giles.** Department of Palaeontology/ The Natural History Museum/ Cromwell Road/ London SW7 5BD. Tel: +44 (0)171-938-9137, Fax: +44 (0)171-938-9277, <G.Miller@nhm.ac.uk>, [1999]
- Min, Gi Sik.** Department of Zoology, Seoul National University, Seoul 151-742, Korea. [1998]
- Mischke, Steffen.** Institut fuer Palaeontologie, Freie Universitaet Berlin, Malteserstrasse 74-100, D-12249 Berlin, Germany. Fax: +49 30 7762070. <palaeont@zedat.fu-berlin.de> [1999]
- Moguilevsky, Alicia.** Institute of Earth Sciences, University College of Wales, Aberystwyth, Dyfed SY23 3DB, United Kingdom. [1998]
- Mohan, S. P.** Professor and Head, Department of Geology/ University of Madras/ A. C. College Campus/ Chennai – 600 026/ India. <spmohan@unimad.ernet.in> [1999]

Molostovskaya, Iya Ivanovna. Geology Institute, Saratov State University, 161 Moskovskaya st., Saratov, 410750, Russia. [1998]

Monostori, Miklós. Eötvös University, H-1083 Budapest, Ludovika tér 2. <monost@ludens.elte.hu> [1999]

Montenegro, Maria Eugenia. Via Hermet 2, 34123 Trieste, Italy. [1998]

Moro, Constance. Nigerian National Petroleum Corporation (NNPC), Research and Development Division, 49 Moscow Road, PO Box 11467, Port Harcourt, Nigeria. [1998]

Mostafawi, N. Christian-Albrechts Universitaet, Geologisch-Palaeontologisches Institut und Museum, Olshausenstrasse 40, D-24118 Kiel, Germany, Tel.: +49 431/ 880 00, Fax: +49 431/ 880 4376, <hb@gpi.uni-kiel.de> [1999]

Mourguiart, Philippe. Université Bordeaux I - Département de Géologie et Océanographie - ORSTOM - URA 197 - Avenue des Facultés - 33405 TALENCE Cedex - France. Tel: 33 (0)5 56 84 88 60, Fax: 33 (0)5 56 84 08 48, <mourguiart@geocean.u-bordeaux.fr> [1999]

Moyes, Jean. Departement de Geologie-Oceanographie, Universite Bordeaux 1, Avenue des Facultes, 33405 Talence, Cedex, France, Tel: 05-56-84-88-55, Fax: 05-56-84-08-48. [1998]

Mruta, Miroslav. Institute of Geology, Academy of Science of Czech Republic, Rozvojova 135, 165 00 Prague 6, Czech Republic, Tel: 02-24313421, Fax: 02-24311576, <kruta@gli.cas.cz>. [1998]

Munoz-Torres, Fernando. EcopetrolInstitut Colombiano de Petroleo, Laboratorio de Bioestratigrafia, Apartado Aero 4185, Bucaramanga, Colombia, Tel: 76-445444, <fmunoz@infantas.ecp.com>. [1998]

M'Zoughi, Oncef. Entreprise tunisienne d'activites petrolieres, 27 bis Av. Khereddine Pacha, 1002 Tunis Belvedere, Tunisia, Tel: 01-78-22-88. [1998]

Nachite, Driss. Université Abdelmalek Esaadi, Faculté des Sciences de Tétouan, Département de Géologie, B.P. 2121 TETOUAN 93002. MOROCCO. Tel.: 212-9-97 24 23 poste 40, Fax: 212-9-99 45 00, <nachite@fst.ac.ma> [1999]

Nadeau, Betty Kellet. West View Lane, S. Nowalk, Connecticut 06854 USA. [1998]

Namiotko, Tadeusz. <namiotko@biotech.univ.gda.pl> [1999]

Namiotko, Tadeusz. Uniwersytet Gdanski, Department of Genetics and Cythology, ul. Kladki 24, 80-822 Gdansk, Poland, <namiotko@biotech.univ.pl>. [1998]

Nascimento, A. Universidade Nova de Lisboa, Quinta da Norre, 2825 Monte da Caparica, Portugal. [1998]

Nash, Samantha. School of Geography, Kingston University, Renrhyn Road, Kingston-upon-Thames, Surrey, KT1 2EE, United Kingdom. [1998]

NAZIK, A., Turkey. [1998]

Nazik, Atike. Cukurova Universitesi/ Muhendislik ve Mimarlik Fakultesi/ Jeoloji Muhendisligi Bolumu/ 01330 Balcali/ Adana/TURKEY. <geol1an@pamuk.cc.cu.edu.tr> [1999]

Nehring-Lefeld, Maria. Instytut Geologiczny, ul. Rakowiecka 4, 00-950 Warszawa, Poland. Fax: 49-53-42. [1999]

Neil, John. Electron Microscope Unit/ La Trobe University/ Bendigo/ Victoria/ Australia. Tel: (054) 447-405, Fax: (054) 447-476, <j.neil@bendigo.latrobe.edu.au> [1999]

- Neustrueva, Irina Yuryevna.** Institute of Limnology of Russian Academy of Sciences, 9 Sevastyanjv Street, 196199 St. Petersburg, Russia. [1998]
- N'Ganga, Patrick.** Duke University Marine Laboratory, Beaufort, North Carolina 28516 USA. [1998]
- Nikolaeva, Irina.** VSEGEI, Sredny pr. 74,199106 St.-Petersburg, Russia. <vsegei@mail.wplus.net> [1999]
- Nohara, Tomohide.** Department of Earth Science, College of Education, University of Ryukyus, Nishihara, Okinawa 903-01, Japan. [1998]
- Norcliffe, Lucy.** Geography Department, Coventry University, Priory Street, Coventry, West Midlands, CV1 5FB, Great Britain. [1998]
- Nuernberg, Dirk.** Paleooceanography, GEOMAR, Research Center for Marine Geosciences, Wischhofstr. 1-3, Building 8/C, D-24148 Kiel/Germany. Tel: +49 431-600-2313, Fax: +49 431-600-2925, +49 0.431-600-2926, <dnuernberg@geomar.de>, <http://www.geomar.de> [1999]
- N'Zaba – Makaya, Odette.** Laboratoire de Stratigraphie séquentielle et Micropaléontologie - Université Paul Sabatier - 39, Allées J. Guesde- 31062 TOULOUSE Cedex - France. Tel: 33 (0)5 61 55 80 56, Fax: 33 (0)5 61 55 80 49, <dybassed@cict.fr> [1999]
- Oakes, Michael P.J.** School of Geography, Kingston University, Penrhyn Road, Kingston-upon-Thames, Surrey, KT1 2EE, United Kingdom. [1998]
- Oakley, Todd.** Duke Zoology Department/ Box 9025/ Durham, NC 27708. Tel: 919-660-7431, Fax: 919-684-6168, <tho@acpub.duke.edu>, <http://www.duke.edu/~tho>. [1999]
- Oertli, Henri J.** 2, Rue Lamartine - 64320 BIZANOS - France. Tel: 33 (0)5 59 27 89 85, Fax: 33 (0)5 59 27 79 89, <henri.oertli@club.francetelecom.fr> [1999]
- Olempska, Ewa.** Institute of Paleobiology, Polish Academy of Sciences, ul. Twarda 51/55, PL-00—818 Warszawa, Poland. Tel:48-22-6978-799, Fax: 48-22-6206-225, <olempska@twarda.pan.pl> [1999]
- Olteanu, Radu.** Institutul de Geologie Roman, Str. Caransebes nr. 1, Bucuresti, Romania, <emavram@igr.sfos.ro>. [1998]
- Onyedineke, N.E.** Department of Zoology, Faculty of Natural Sciences, P.M.B. 14, Edo State University, Ekpoma, Edo State, Nigeria. [1998]
- Ornellas, Lilia Pinto de.** Universidade Federal do Rio Grande do Sul, I.G., Cx. P. 15001, CEP 91500, Porto Alegre, RS, Brazil. [1998]
- Ozulug, O.** Istanbul Universitesi, Fen Fakultesi, 34459 Vezneciler-Istanbul, Turkey. [1998]
- Paik, Kwang Ho.** Department of Earth and Environmental Sciences, College of Natural Science, Korea University, 1, 5-ka, Anam-dong, Sungbuk-ku, Seoul 136-701, Korea. [1998]
- Palacios-Fest, Manuel R.** Department of Geosciences, University of Arizona, Tucson, Arizona 85721 USA. [1998]
- Pang, Qi-Qing.** Department of Environment protection Engineering for Resources, Shijiazhuang Economic University (Originally Hebei College of Geology), 50 Huainan East Road, Shijiazhuang, Hebei, China, 050031.Tel: (0311)5887711-3306, Fax:(0311) 5882562. [1999]
- Park, Lisa E.** Assistant Professor/ Department of Geology/ Crouse Hall/ University of Akron/ Akron, OH 44325-4101 USA. Tel: 001-330-972-7633, Fax: 001-330-972-7611, <lepark@uakron.edu>

Parker, Andrew. Division of Invertebrate Zoology/ Australian Museum/ 6 College Street/ Sydney/ NSW 2000/ Australia. Tel: 61-2-9320 6172, Fax: 61-2-9320 6050, <andrewp@amsg.austmus.gov.au> [1999]; website: <http://www.austmus.gov.au/science/division/invert/parker>. In August 1999 I will be leaving the Australian Museum to take up a Lecturer position at Reading University, UK, although this involves mainly research. New address from August 1999: School of Animal and Microbial Sciences/ University of Reading/ Whiteknights/ PO Box 228/ Reading RG6 6AJ/ UK. <a.r.parker@reading.ac.uk> [1999]

Paruch-Kulczycka, Jolanta. Panstwowy Instytut Geologiczny, ul. Rakjowiecka 4, 00-950 Warszawa, Poland. Fax: 49-53-42. [1999]

Pasini, Giancarlo. Dipartimento di Scienze della Terra/ e Geologico-Ambientali dell'Università di Bologna/ Via Zamboni, 67/ 40127 Bologna – Italy. Tel: 39-051-354520, Fax: 39-051-354522. [1999]

Passlow, Vicki. Bureau of Resource Sciences, Box E11 P.O., Queen Victoria Terrace, Parkes, ACT 2601, Australia. [1998]

Peng, Jin-Lan. Nanjing Institute of Geology and Palaeontology, Academia Sinica, Chi-Ming-Ssu, Nanjing, China, 210008. Tel: (025)6637064(O), Fax: 86-25-3357026, <pengjl@public1.ptt.js.cn> [1999]

Penney, David N. Earth Science Department, Aarhus University, DK-8000 Aarhus C, Denmark. [1998]

Peterson, Dawn E. Department of Invertebrate Zoology and Geology/ California Academy of Sciences/ San Francisco, CA 94118-4599. Tel: 415/ 750-7080, Fax: 415/ 750-7090, <jurdyke@earthlink.net> [1999]

Peypouquet, Jean-Pierre. Département de Géologie - Océanographie - Université Bordeaux I - Avenue des Facultés - 33405 TALENCE Cedex – France. Tel: 33 (0)5 56 84 88 57, Fax: 33 (0)5 56 84 08 48. [1999]

Pezelj, Dj. Fakulty of Mining, Geology and Petroleum Engineering, University of Zagreb, Pierottijeva 6, 1000 Zagreb, Croatia, Tel: 385-148-36042, Fax: 385-148-36064, <zeljko.sokac@zg.tel.hr> [1998]

Philippaer, C.J.M. Netherlands Institute for Sea Research (NIOZ), P.O. Box 59, 1790 AB Den Burg- Texel, The Netherlands, Tel: 31-222-369563, Fax: 31-222-319674, <katja@nioz.nl>. [1998]

Pietrzeniuk, Erika. Mus.Naturk., Humboldt-Univers., Invalidenstrasse 43, D-10115 Berlin, Germany. Tel: +49 30/ 2897 2589, <Erika.Pietrzeniuk@rz.hu-berlin.de> [1999]

Pinto, Irajá D. UFRGS, CECLIMARCoastal, Limnological and Marine Studies Center, Av. Tramandai 976, 95625-000 Imbe, RS, Brazil. [1998]

Pipik, Radovan. Comenius University, Department of Geology and Paleontology, Faculty of Sciences, Mlynska dolina, Sk 842 15 Bratislava, Slovakia. [1998]

Pitakpaivan, Kasana. Geological Survey Division, Department of Mineral Resources, Rama VI Road, Bangkok 10400, Thailand. [1998]

Puckett, T. Markham. Department of Geology, P.O. Box 870338, The University of Alabama, Tuscaloosa, Alabama 35487-0338 USA, Tel: 205-348-7167, Fax: 205-348-0818. [1998]

Pugliese, Nevio. Dipartimento di Scienze Geologiche Ambientali e Marine/ Università di Trieste/ Via E. Weiss, 2. 34127 Trieste – Italy. Tel: 39-040-6762041, Fax: 39-040-6762048, <pugliese@univ.trieste.it> [1999]

Qi, Hua. Xi'an Institute of Geology and Mineral Resources, East Youyi road, Xi'an, China, 710054.

- Qi, Xue-Feng.** Research Institute of Exploration and Development, Xinjiang, Petroleum Administration, Karamay, Xinjiang, China, 834000. [1999]
- Qu, Ri-Tao.** Geological Research Institute, Shengli Petroleum Administration, Dongying, Shandong, China, 257015. [1999]
- Radu, Olteanu.** <geol@igr.sfos.ro> [1999]
- Ramos, Maria Inês Feijó.** Universidade do Amazonas/ Instituto de Ciências Exatas/ Departamento de Geosciências/ Av. Gen. Rodrigo Otávio Jordão Ramos/ 3.000- Aleixo/ Manaus, Amazonas, CEP/ 69077-000/ BRAZIL. Tel: (092) 644-15-10, Fax: 55 (092) 644-20-06, <Ramos@fua.br> [1999]
- Reyment, Richard.** Paleontologiska Institutionen, Uppsala Universitet, Box 558, S-75122 Uppsala 1, Sweden. [1998]
- Riha, Jaroslav.** Jirchare Str. 21, 602 00 Brno, Czech Republic, <jarda.riha@paegas.cz>. [1998]
- Roca, Josep R.** Departament de Microbiologia i Ecologia/ Facultat de Ciències Biològiques/ Universitat de València/ Dr. Moliner, 50/ E-46100, BURJASSOT/ VALENCIA (Spain). Tel: 34 96 3864613/3983101, Fax: 34 96 386 4372, <Jose.R.Roca@uv.es> [1999]
- Rodriguez-Lazaro, Julio.** Maite Martin-Rubio/ Fernando Caballero/ Departamento de Estratigrafía y Paleontología / Facultad de Ciencias/ Universidad del País Vasco/EHU /Apartado 644/ 48080 BILBAO (Spain). Tel: 34 94 601 2586, Fax: 34 94 464 8500, <gpprolaj@lg.ehu.es> [1999]
- Roedder, Gerhard.** Geologisch-Palaeontologische Institut der Westfaelischen Wilhelms-Universitaet Muenster Corrensstr. 24, D-48149 Muenster, Germany, Private Gertrudenstr. 40, D-48149 Muenster, Germany. [1998]
- Rosenfeld, Amnon.** Geological Survey of Israel/ 30 Malkhei-Israel street/ 95501 Jerusalem/ Israel. Tel: 972-2-5314230, Fax: 972-2-5380688, <Rosenfeld@mail.gsi.gov.il > [1999]
- Ross, Robert M.** Director of Education/ Paleontological Research Institution/ 1259 Trumansburg Road/ Ithaca, NY 14850/ U.S.A. Tel: 607/ 273 6623 ext 18, Fax: 607/ 273 6620, <rmr16@cornell.edu>, PRI web site: <http://www.english.cornell.edu/pri>, [1999]
- Rossetti, Giampaolo.** Department of Environmental Sciences/ University of Parma/ Parco Area delle Scienze 11/AI / 43100 Parma – Italy. Tel and Fax: 39-0521-905977, <rossetti@dsa.unipr.it> [1999]
- Rossi, Abdelhamid.** Département de Géologie, Faculté des Sciences "Sémalialia", BP: 2390, Marrakech, Morocco. Tel: 212-4-434649, Fax: 212-4-436769, <rossi@ucam.ac.ma> [1999]
- Rossi, Valeria.** Dipartimento di Scienze Ambientali/ Università degli Studi di Parma/ Viale delle Scienze/ 43100 Parma – Italy. Tel: 39-0521-905612, Fax: 39-0521-905402, <valeria@dsa.unipr.it> [1999]
- Ruan, Pei-Hua.** China University of Geosciences, Beijing, China, 100083. [1999]
- Ruggieri, Giuliano.** Dipartimento di Geologia e Geodesia/ Corso Tukory 131/ 90134 Palermo – Italy. Fax: 39-091-6170864. [1999]
- Ruiz-Muñoz, Francisco.** Departamento de Geología/ Universidad de Huelva/ Campus Universitario de La Rabida/ 21819 HUELVA (Spain). Tel: 34 959 351000; 351012; 351304, Fax: 34 959 530175, <ruizmu@uhu.es> [1999]
- Rundic, Ljupko.** Faculty of Mining and Geology, Institute for Regional Geology and Paleontology, University of Belgrade, Kamenicka 6, POB 227, Beograd, Yugoslavia, <banjac@afrodita.rcub.bg.ac.yu>. [1998]

Russo, Antonio. Istituto di Paleontologia/ Università di Modena/ Via Università 4/ 41100 Modena – Italy. Tel: 39-059-217084, Fax: 39-059-218212. [1999]

Safak-Tanar, U. Cukurova Universitesi, Muhendislik ve Mimarlik Fakultesi, Jeoloji Muhendisligi Bolumu, 01330 Balcali, Adana, Turkey. [1998]

Salvi, Gianguido. Dipartimento di Scienze Geologiche Ambientali e Marine/ Università di Trieste/ Via E. Weiss, 2/ 34127 Trieste – Italy. Tel: 39-040-6762041, Fax: 39-040-6762048, <pugliese@univ.trieste.it> [1999]

Sanchez de Posada, Luis. Departamento de Paleontologia/ Facultad de Ciencias/ Universidad de Oviedo/ 33005 OVIEDO (Spain). Tel: 34 985 103134, Fax: 34 985 103103, <Paleo@Asturias.ccu.uniovi.es> [1999]

Sanguinetti, Yvonne. Universidade Federal do Rio Grande do Sul, Instituto de Geociencias, C.P. 15001, CEP 91501-970, Porto Alegre, RS, Brazil. [1998]

Sar V. Lembit, Institute of Geology, Estonian Academy of Science, Estonia Boulevard 7, EE0001, Tallinn 1, Estonia. [1998]

Sari, H. Istanbul Universitesi, Fen Fakultesi, 34459 Vezneciler-Istanbul, Turkey. [1998]

Sauvagnat, Jacques. Pers. address : Les Ecoreuils, 7 - Route de Bellevue - 74160 BOSSEY, France. Working with Université de Genève - Dept. Géologie et Paléontologie - 13, Rue des Maraîchers-1211 GENEVE 4 - Suisse. Tel: (pers.) 33 (0)4 50 95 32 98, Fax: (pers) 33 (0)4 50 43 65 80, <jsauvagnat@compuserve.com> [1999]

Savelieva, Julia. Department of Historical Geology/ Geological Faculty/ St.Petersburg State University/ Universitetskaya Embankment 7/9 /199034, St.Petersburg, Russia. <Julia@GG2686.spb.edu> [1999]

Schaefer, Peter. Geologisches Landesamt Rheinland-Pfalz, Emy-Roeder-Str. 5, D-55129 Mainz-Hechtsheim, tel.: +49 6131/ 9254252.

Schallreuter, Roger. Archiv fur Geschiebekunde, Geologisch-Palaontol. Institut Museum der Universitat, Bundesstrasse 55, D-20146 Hamburg 13, Germany. [1998]

Scharf, Burkhard. UFZ-Umweltforschungszentrum, Sektion Gewaessersforschung, Brueckstr. 3a, D-39114 Magdeburg. Tel: +49 391-8507-432, Fax: +49 391-8507-500, <scharf@gm.ufz.de> [1999]

Schellenberg, Stephen A. Through 7/99: Department of Earth Sciences/ University of Southern California, Los Angeles, CA 90089-0740. Fax: 213.740.8801 <schellen@earth.usc.edu>. 8/99-12/99: Department of Paleobiology, Smithsonian NMNH, Washington, DC 20560-0121, Fax: 202. 786.2832, <schellen@earth.usc.edu> [1999] 1/00-1/02: Department of Earth Sciences, UC-Santa Cruz, Santa Cruz, CA 95064. <schellen@earthsci.ucsc.edu> [1999]

Schoen, Isabelle. University of Leeds, Department of Genetics, Leeds, LS2 9TJ, Great Britain. [1998]

Schoening, Carol. Zoologisches Institut und Museum, Martin-Luther-King-Platz 3, D-20146 Hamburg, Germany , Tel.: +49 40/ 4123 4232, Fax: +49 40/ 4123 3937, <Keyser@zoologie.uni-hamburg.de> [1999]

Schön, Isabelle. Royal Belgian Institute of Natural Sciences/ Freshwater Biology/ Vautierstraat 29/ B-1000 Brussels/ Belgium. Tel: +32-2-62-74-312, Fax: +32-62-74-433, <schoen@kbirinsnb.be> [1999]

Schoning, Kristian. Department of Quaternary Research, Stockholm University, S-106 91 Stockholm, Sweden, Tel: 46-8-674-78-23, Fax: 46-8-674-78-95, <Kristian.Schoning@geo.su.se>. [1998]

Schornikov, E.I. Institute of Marine Biology/ Far East Branch/ Academy of Sciences of Russia/ Vladivostok 690041, Russia. Fax: 7(4232) 310 900, <inmarbio@mail.primorye.ru> [1999]

Schudack, Michael E. Institut fuer Palaeontologie, Freie Universitaet Berlin, Malteserstrasse 74-100, D-12249 Berlin, Germany. Fax: +49 30 7762070, <schudack@zedat.fu-berlin.de> [1999]

Schudack, Michael. Institut fur Geologische Wissenschaften und Geiseltalmuseum, Martin-Luther-Universitaet Halle-Wittenberg, Domstrae 5, 06108 Halle (Saale), Germany, Tel: 49-345-5526119, Fax: 49-34-5527178, <schudack@geologie.uni-halle.de>. [1998]

Schudack, Ulla. Institut fuer Palaeontologie, Freie Universitaet Berlin, Malteserstrasse 74-100, D-12249 Berlin, Germany. Fax: +49 30 7762070, <schudack@zedat.fu-berlin.de> [1999]

Schwalb, Antje. GeoForschungsZentrum Potsdam, Projektbereich 3.3, Telegrafenberg, Haus C, D-14473 Potsdam, GERMANY. Tel: +49-331-288 1331, Fax: +49-331-288 1302, <http://www.gfz-potsdam.de/1998>. [1999]

Schwarzkopf, Joerg. Schmarjestrasse 47, D-22767 Hamburg, Germany, Tel:/Fax: 49-40-380-5810; D1 0171-743-58-10. [1998]

Sei, Sandra. Dipartimento di Scienze Ambientali/ Università degli Studi di Parma/ Viale delle Scienze/ 43100 Parma - Italy. Tel and Fax: +39.0521.905977, <sandra@dsa.unipr.it> [1999]

Sell, Jerzy. Uniwersytet Gdanski, Zaklad Genetyi, ul. Kladki 24, 80-822 Gdansk, Poland, <sell@biotech.univ.gda.pl>. [1998]

Semenova, Z.M. Institute of Biology of Inland Waters, Academy of Sciences of Russia, 152742 Eopok, Borok Nekous, Jaroslavl, Russia. [1998]

Shan, Huai-Guang. Geological Research Institute, Shengli Petroleum Administration, Dongying, Shandong, China, 257015. Tel: (0546) 8715182. [1999]

Shang, Hua. Research Institute of exploration and development, Xinjiang, Petroleum Administration, Karamay, Xinjiang, China, 834000. [1999]

Sheikhly, S.S. Al, Department of Geology, Baghdad University, Baghdad, Iraq. [1998]

Shen Yi-Xin. Research Institute of exploration and development, Xinjiang, Petroleum Administration, Karamay, Xinjiang, China, 834000. [1999]

Shi, Cong-Guang. Nanjing Institute of Geology and Palaeontology, Academia Sinica, Chi-Ming-Ssu, Nanjing, China, 210008. Fax: 86-25-3357026. [1999]

Shu, De-Gan. Department of Geology, Northwest University, Xi'an, China, 710069. [1999]

Siddiqui, Qadeer. Department of Geology, Saint Mary's University, HaliFax, Nova Scotia B3H 3C3, Canada, Fax: 902-420-5261, <Qadeer.Siddiqui@Stmarys.ca>. [1999]

Silis, Astride. Department of Earth Sciences, University of Waterloo, Waterloo, Ontario, N2L 3G1, Canada. [1998]

Silva-Telles Jr., Augusto Carlos. Universidade Federal do Rio Grande do Sul, Instituto de Geociencias, C.P. 15001, CEP 91500-970, Porto Alegre, RS, Brazil. [1998]

Singh, Pratap. Shiv Sadan (Plot Nos. 7-9)/ Adarsh Nagar Khand -2/ Kanchanpur Matiyari/ Chihat/ Lucknow-227105/ India. Fax: 091-522-396974, <diamond@lwl.vsnl.net.in> [1999]

Siveter, David J. Geology Department/ University of Leicester/ Great Britain. Tel: +44 (0)116 2523925, <djs@le.ac.uk>, [1999]

- Slack, Jerry Marie.** Department of Geosciences, Northeast Louisiana University, Monroe, LA 71209-0550 USA. [1998]
- Slechta, Ondrej.** Institute of Geology, Academy of Science of Czech Republic, Rozvojova 135, 165 00 Prague 6, Czech Republic. [1998]
- Slipper, Ian J.** School of Earth & Environmental Sciences/ University of Greenwich/ Medway University Campus/ Chatham Maritime/ Kent ME4 4TB/ UK. Tel: +44 (0)20 8 331 9824, Fax: +44 (0)20 8 331 9805, <I.J.Slipper@greenwich.ac.uk>, [1999]
- Smith, Alison J.** Geology Department/ Kent State University/ Kent, OH 44242 USA. Tel: (330) 672-3709, Fax: (330) 672-7949, <asmith@geology.kent.edu> [1999]
- Smith, Robin James.** Department of Geology, University of Leicester, Leicester, LE1 7RH, Great Britain, Tel: 0116-252-3315, Fax: 0116-252-3918, <rjs14@leicester.ac.uk>. [1998]
- Smolen, Jolanta.** Panstwowy Instytut Geologiczny, ul. Rakowiecka 4, 00-975 Warszawa, Poland. Fax: 49-53-42. [1999]
- Sneli, Jon-Arne.** Vitenskapsmuseet, Trondhjem biologiske stasjon, Bynesvn. 46, N-7018 Trondheim, Norway. [1998]
- Sohn, I. Gregory.** Smithsonian Institution, National Museum of Natural History, Paleontology Division, Rm 121, Washington, D.C. 20560. USA [1999]
- Sokac, A.** Fakulty of Mining, Geology and Petroleum Engineering, University of Zagreb, Pierottijeva 6, 1000 Zagreb, Croatia, Tel: 385-148-36042, Fax: 385-148-36064, <zeljko.sokac@zg.tel.hr>. [1998]
- Sokolenko, D.A.** Institute of Marine Biology/ Far East Branch/ Academy of Sciences of Russia/ Vladivostok 690041, Russia. Fax: 7(4232) 310 900, <inmarbio@mail.primorye.ru> [1999]
- Song, Qi-Shan.** Geological Research Party, Northwest China Bureau of Petroleum Geology, Urumqi, Xinjiang, China, 830011. [1999]
- Sonmez-Gokcen, Nuran.** Dokuz Eylul Universitesi, IMYO Buca-35160, Izmir, Turkiye. [1998]
- Souza, Carlos Jose.** PETROBRAS-CENPES Research and Development Center/ Ilha do Fundao - Cidade Universitaria/ Quadra 7, 21949-900/ Rio de Janeiro/ Brazil. Tel:+55-21-5986434, Fax: +55-21-2803318.
- Spjeldnaes, Nils.** Institute of Geology, P.O. Box 1047, Blindern, 0316 Oslo, Norway, Tel: 47-22-85-66-81, Fax: 47-22-85-42-15, <nils.spjeldnas@geologi.uio.no>. [1998]
- Sridhar, S. G. D.** Technical Officer, Department of Applied Geology/ University of Madras/ Guindy Campus, A. C. College Buildings/ Chennai – 600 026/ India. [1999]
- Stolarski, Ursula.** Nieders. Staats-und Universitaetsbibliothek, Goezn, Zeitschriftenstelle, D-37070, Goettingen, Germany, Tel: 49-0551-19-8373, Fax: 49-0551-39-3199, <stolarsk@mail.sub.uni-goettingen.de>. [1998]
- Su, De-Ying.** Institute of Geology, Chinese Academy of Geological Sciences, Baiwanzhuang Road, Beijing, China, 100037. [1999]
- Sun, Zhen-Cheng.** Department of Earth Science, University of Petroleum, Changping, Beijing, China, 102200. Tel: (010) 69745566-3290, <sunzc@www.bjpeu.edu.cn> [1999]
- Swain, Frederick M.** <swain002@maroon.tc.umn.edu> [1999]
- Swanson, Kerry.** Dept. of Geological Sciences/ Private Bag 4800/ Christchurch/ New Zealand. Tel: 64-3-3667001 ext 8126, Fax: 64-3-3642769. [1999]

Sywula, Tadeusz. Uniwersytet Gdanski, Zaklad Genetyki, ul. Kladki 24, 80-822 Gdansk, Poland, <sywula@biotech.univ.gda.pl>. [1998]

Szczechura, Janina. Instytut Paleobiologii Polska Akademia Nauk, ul. Twarda 51/55, 00-818 Warszawa, Poland. Fax: 620-62-25, <janina.s@twarda.pan.pl> [1999]

Sztejn, Janina. Instytut Geologiczny, ul. Rakowiecka 4, 00-950 Warszawa, Poland. [1998]

Szuromi-Korecz, A. MOL Exploration and Production Division, OGIL, H-1311 Budapest, POB. 43. [1999]

Tabuki, Ryouichi. Department of Earth Sciences/ Faculty of Education/ University of the Ryukyus/ Nishihara/ Okinawa 903-0213/ Japan. <tabuki@edu.u-ryukyu.ac.jp> [1999]

Tambareau, Yvette. Laboratoire de Géologie structurale et Tectonophysique - Université Paul Sabatier (Toulouse III) - 38, Rue des Trente-six Ponts - 31400 TOULOUSE - France. Tel: 33 (0)5 61 55 65 17, Fax: 33 (0)5 61 55 82 50, <geostruc@cict.fr> [1999]

Taylor, Lynda. Department of Geology, The Australian National University, Canberra ACT 0200, Australia. [1998]

Tchizhova, V.A. RMNTK Nefteotdacha, Dmitrovsky proezd, 10, Moscow, 125422, Russia. [1998]

Thiede, (Endler), K. Ernst-Moritz-Armdt-Universitaet Greifswald, Geologische-Palaeontologisches Institut, Friedrich-Ludwig-Jahn, tr. 17a, D-17489 Greifswald, Germany. [1998]

Tian, Guo-Qiang. Institute of Geomechanics, Chinese Academy of Geological Sciences, Fahuasi, Beijing, China, 100081. [1999]

Tillman, John R. Department of Geology, Ohio Wesleyan University, Delaware, Ohio 43015 USA. [1998]

Titterton, Rosemary. PTEK-STRA/ Statoil/ N-4035 Stavanger/ Norway. <ROSEM@statoil.no>, [1999]

Torres, Elizabeth. Dept. of Biology and Microbiology/ California State University, Los Angeles/ 5151 State University Drive/ Los Angeles, CA 90032. Tel: 323 343-2179, <etorre11@calstatela.edu> [1999]

Trigui, Abderrahman. SEREPT, Service Biostratigraphie, Tunisia, Tel: 216-1-887411. [1998]

Tsukagoshi, Akira. Institute of Geosciences, Faculty of Sciences, Shizuoka University, Oya 836, Shizuoka 422-8529, Japan. Fax: +81 54 238 0491, <atsuka@um.u-tokyo.ac.jp> [1999]

Tunoglu, Cemal. Hacettepe Universitesi, Geological Engineering Department, Beytepe 06532, Ankara, Turkey. [1998]

Uffenorde, Henning. C/o RWE-DEA AG, Ueberseering 40, D-22297 Hamburg, Germany, Fax: +49 40/ 637 53 590, <henning.uffenorde@rwedea.de> [1999]

Vaidya, Arun S. Post-graduate Department of Studies in Geology/ Karnatak University/ Dharwad – 580 003, India. Fax: 0091-0836-42464 [1999]

van den Bold, Willem A., Institute of Earth Science RUU, P.O. Box 80.021, 3508 TA Utrecht, The Netherlands. Tel: (+31) 30 2535175; Fax: (+31) 2535180. [1999]

van Harten, Dick, Institute of Earth Sciences Free University, De Boelelaan 1085, 1081 HV Amsterdam, The Netherlands. Tel: (+31) 20 44447261; Fax: (+31) 20 6462457; <hard@geo.vu.nl> [1999]

Van Nieuwenhuise, Don. <DSVANNIEUWENHUISE@prodigy.net> [1999]

Vannier, Jean. Centre des Sciences de la Terre - Université Claude Bernard (Lyon I) - 27-43 Bd. du 11 Novembre - 69622 VILLEURBANNE Cedex - France. Tel: 33 (0)4 72 44 80 00 (+ 38 29), Fax: 33 (0)4 72 44 84 36, <jean.vannier@univ-lyon1.fr> [1999]

Victor, Reginald. Department of Biology, College of Science, Sultan Qaboos University, P.O. Box 36, PC 123, Sultanate of Oman, Tel: 968-515-433, Fax: 968-514-080, <victor@gtu.net.com>. [1998]

Viehberg, Finn. Zoologisches Institut und Museum, J.-S.- Bach Str. 11-12, D-17489 Greifswald, Tel.:+49-3834-864257, Fax.: +49-3834-864252, <viehberg@rz.uni-greifswald.de> [1999]

Viehofen, Agnes. Frankenstrasse 6, D-50181 Bedburg, Germany. Tel.: +49 2272/ 2618 [1999]

Viviers, Marta Claudia. PETROBRAS/CENPES/DIVEX/SEBIPE, Ilha do Fundao, Quadra 7, Predio 20, s. 1095, CEP 219949-900, Cidade Universitaria, Rio de Janeiro, RJ, Brazil. [1998]

Wakefield, Matthew. BG Technology/ Gas Research & Technology Centre/ Ashby Road/ Loughborough/ LE11 3GR/ UK. Tel: +44 (0)1509 282687, Fax: +44 (0)1509 283137, <matthew.wakefield@bgtech.co.uk>, [1999]

Wall, John H. 103 Edgeview Drive NW, Calgary, Alberta, Canada T3A 4W9. [1998]

Wang, Pei. Research Institute of Exploration and Development, Liaohe Petroleum Exploration Bureau, Xinglongtai, Panjin, Liaoning, China, 124000. [1999]

Wang, Qiang. Tianjin Institute of geology and Mineral Resources, 4, 8th Road, Dazhigu, Hedong District, Tianjin, China, 300170. [1999]

Wang, Shang-Qi. Nanjing Institute of Geology and Palaeontology, Academia Sinica, Chi-Ming-Ssu, Nanjing, China, 210008. Fax: 86-25-3357026. [1999]

Wang, Wen-Shen. P.O. Box 40-8, Langfang, Hebei, China, 102801. [1999]

Wansard, Guy. Université Catholique de Louvain/ Département de Géologie et de Géographie/ Place Louis Pasteur 3/ B-1348 Louvain-la-Neuve/ Belgium. Tel: +32-10-47-29-91, Fax: + 32-10-47-25-56, <wansard@page.ucl.ac.be> [1999]

Warne, Mark. School of Ecology and Environment/ Deakin University (Rusden Campus)/ 662 Blackburn Road, Clayton/ Victoria, Australia, 3168. Tel: +61 3 9244 7274, Fax: +61 3 9244 7480, <mwarne@deakin.edu.au>. [1999]

Wastegard, Stefan. Department of Quaternary Research, Stockholm University, S-10691 Stockholm, Sweden, Tel: 46-0816-48-92, Fax: 46-08674-78-95, <stefan.wastegard@geo.su.se>; Home page <http://www.geo.su.se>. [1998]

Wei, Min. Chengdu Institute of Geology and Mineral Resources, North Renmin Road, Chengdu, Sichuan, China, 610082. Tel: (028) 3335030, Fax: (028) 3332657. [1999]

Weiss, Roselinde H. University of Cologne, Geological Institute, Zuelpicher Str. 49a, D-50674 Cologne, Germany. Fax: +49 221/ 470 5149. [1999]

Wells, James. English Heritage, AML Rm 529, 23 Savile Row, London W1X 1AB, United Kingdom, Tel: 0171-9733303, Fax: 0171-9733330, <james@eng-h.gov.uk>. [1998]

Whitley, Robin C. Institute of Earth Sciences, University College of Wales, Aberystwyth, Dyfed SY23 3DB, Great Britain, <riw@aber.ac.uk>. [1998]

Whittaker, John E. Micropalaeontology Research and Head of Division/ Dept. of Palaeontology/ The Natural History Museum/ Cromwell Road, London SW7 5BD/ UK. Tel: +44 (0)171 938 8837,

Fax: +44 (0)171 938 9277, <j.whittaker@nhm.ac.uk>, [1999]

Wilkinson, Ian P. British Geological Survey/ Keyworth/ Nottingham/ NG12 5GG/ United Kingdom.
Tel: +44 (0)115 9363409, Fax: +44 (0)115 9363437, <I.P.Wilkinson@bgs.ac.uk>, [1999]

Williams, Mark. British Geological Survey, Keyworth, Nottingham, NG12 5GG, Great Britain,
<mwilli@wpo.nerc.ac.uk>. [1998]

Witte, L.J. Netherlands Institute of Applied Geoscience TNO (National Geological Survey), P.O.
Box 157, 2000 AD Haarlem, The Netherlands, Tel: 31-23-5300297, Fax: 31-23-5351614,
<l.j.witte@nitg.tno.nl>. [1998]

Wouters, Karel. Department of Invertebrates/ Royal Belgian Institute of Natural Sciences/
Vautierstraat 29/ B-1000 Brussels, Belgium. Tel: +32-2-62-74-336, Fax: +32-2-62-74-141.
<kwouters@kbinirsnb.be> [1999]

Wu, Qi-Qie. Nanjing Institute of Geology and Mineral Resources, East Zhongshan Road, Nanjing,
China, 210016. [1999]

Würdig, Norma L. Universidade Federal do Rio Grande do Sul/ Instituto de Biociências/
Departamento de Zoologia, Campus Central/ Av. Paulo Gama s/n/ Cep. 90.000/ Porto Alegre, RS/
Brazil. <Wurdig@vortex.ufrgs.br> [1999]

Yajima, Michiko. Tokyo Seitoku Gakuen/ 8-26-9, Kita-ku/ Toshima/ Tokyo 114-0003/ Japan. Fax:
+81-3-3812-7039, <PXI2070@nifty.ne.jp> or <Myajima@tokyoseitoku.ac.jp> [1999]

Yang, Fan. Qinghai Petroleum Sanatorium, Gongyuan Road, Dingshan, Yixing, Jiangsu, 214221
China. Tel: (0510) 7416520. [1999]

Yang, Heng-Ren. Nanjing Institute of Geology and Palaeontology, Academia Sinica, Chi-Ming-Ssu,
Nanjing, China, 210008. Fax: 86-25-3357026. [1999]

Yang, Jing. Exploration and Development Science Institute, Zhongyuan Petroleum Exploration
Bureau, Henan, China, 457001. [1999]

Yang, Liu-Fa. Geography Department, Shanghai Normal University, Guilin Road, Shanghai, China,
200234. [1999]

Yang, Shi-Zhong. Sedimentology Division, The Institute of Petroleum Exploration and
Development, North China Oil Branch, Renqiu city, Hebei, China, 062552. [1999]

Yang, Yong-Sheng. Geological Institute, Coal-field Geological Prospecting Company of Gansu,
Lanzhou, China, 730000. [1999]

Yao, Dan. Exploration and Development Research Institute of Daqing Petroleum Administrative
Bureau, Heilongjiang, China, 163712, Tel: (0459) 5508459, <Yaodan@yjv.dq.cnpc.com.cn> [1999]

Yao, Yi-Min. Geological Research Institute, Shengli Petroleum Administration, Dongying,
Shandong, China, 257015. [1999]

Yassini, Iradj. Wollongong City Council, Locked Bag 8821, South Coast Mail Centre, New South
Wales 2521, Australia, <Iyassini@wollongong.nsw.gov.au>. [1998]

Ye, De-Quan. Exploration and Development Research Institute of Daqing Petroleum Administration
Bureau, Helongjiang, China, 163712. Tel: (0459) 5508488. [1999]

Yi, Wu-Jun. Department of Geology, Northwest University, Xi'an, China, 710069. [1999]

Yin, Yu. Lake Sedimentation and environment Lab., Nanjing Institute of Geography & Limnology,
Chinese Academy of Sciences, 210008 Nanjing, P. R. China. Tel: 0086 25 7714304, Fax: 0086 25

7714759, <zhaotm@nj.col.co.cn> [1999]

Yumoto, Michiaki. Air Sea Interaction Laboratory/ National Research Institute for Earth Science and Diaster Prevention/ Science and Technology Agency of Japan/ 3-1 Ten-noudal, Tsukuba 305-0006/ Ibaraki/ Japan. Fax: +81-298-51-1610, <yumoto@ess.bosai.go.jp> [1999]

Zagora, K.and I., Leningrader Strasse 39, D-18507 Grimmen, Germany. [1999]

Zarikian, Carlos A. Alvarez, University of Miami, RSMAS-MGG, 4600 Rickenbacker Causeway, Virginia Key, Florida 33146 USA. [1998]

Zelenka, Jaromir. J.K.M., Paleo, Lipenska 523, CZ-149 00, Praha 4, Czech Republic, Tel: 02-7953945 . [1998]

Zenkova, Galina Georgievna. 620063 Sverdlovsk, ul. Vainera 65, Uralskoe Territorialnoe Geologicheskoe, Upravlenie, Partiya Paleontologii i Stratigrafii, Russia. [1998]

Zghal, Ihsen. Universite de SFax, Ecole Nationale d'Ingenieurs, Route de Soukra, BP W30 38, SFax, Tunisia, Tel: 216-04-274-088, Fax: 216-04-275-595. [1998]

Zhang, Jin. Nanjing Institute of Geology and Palaeontology, Academia Sinica, Chi-Ming-Ssu, Nanjing, China, 210008. Fax: 86-25-3357026. [1999]

Zhang, Jin-Jian. Center-South China Bureau of Petroleum Geology, Dongjinpu, Changsha, China, 450006. [1999]

Zhang, Xian-Qiu. The Heshan Academy of Building Plan, 27 Xinhua Road, Shaping Town, Heshan City, Guangdong, China, 529700. [1999]

Zhang, Ying. Exploration and Development Research Institute of Daqing Petroleum Administrative Bureau, Heilongjiang, China, 163712, Tel: (0459) 5508442. [1999]

Zhao, Quan-Hong. Department of Marine Geology & Geophysics, Tongji University, Shanghai, China, 200092. Tel: (021) 65983207, Fax: 86-21-65138808, <qhzhao@online.sh.cn> [1999]

Zhao, Zhi-Qing. Research Institute of Exploration and Development, Zhongyuan Petroleum Exploration Bureau, Puyang, Henan, China, 47001. [1999]

Zhou, Bao-Cun. Shanghai Museum of Natural History 260 East Yan-an Road, Shanghai 200002, P. R. China, Tel: 021-63213548 (Lab), 021-54183073 (Home), Fax: 021-63210595, <zhoumi@public1.sta.net.cn>. [1999]

Ziegler, Fred-Karsten. Bonhoefferstr. 12, D-48151 Muenster, Germany. [1998]

Zissler, D. Zoologisches Institut, Schaezlestrasse 1, D-79104 Freiburg, Germany. [1999]

Zorn, Irene. Geologische Bundesanstalt, Rasumofskygasse 23, A-1031 Vienna/ Austria. Tel: +43-1-712 56 74-16, Fax: +43- 1-712 56 74-56, <zorire@cc.geolba.ac.at>. [1999]

Zubovicz, Stanislav F., 220608 Minsk, ul. Sovetskaya 18, Belorussian State Pedagogical University named by M. Tank, The Faculty of Natural Science, Belorussia. [1999]

