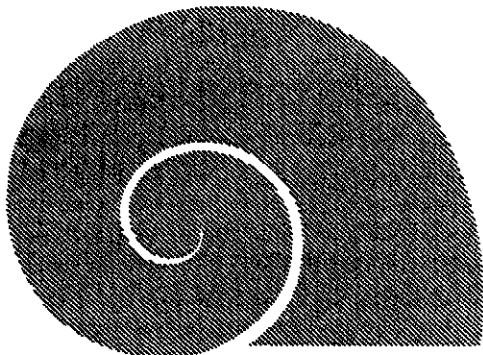


UNITAS MALACOLOGICA



UM
FOUNDED 1962

Newsletter

Number 19 January 2003

Affiliated Organisations

American Malacological Society
Asociación Malacológica Argentina
Comite para los Congresos Latinoamericanos
de Malacologia
Friedrich Held Gesellschaft
King Leopold III Foundation
Malacological Society of Australasia Ltd
Malacozoological Association of Yamaguchi
Malakoloski Muzej
Nederlandse Malacologische Vereniging
Naturmuseum Senckenberg
Sociedade Brasileira de Malacologia
Sociedad Española de Malacología
Sociedad Malacológica de Chile
Sociedad Mexicana de Malacologia
Società Italiana di Malacologia
Société Belge de Malacologie
Société Française de Malacologie
Society for Experimental and Descriptive
Malacology
The Malacological Society of Japan
The Malacological Society of London
The Western Society of Malacologists

Our aim is to further the study of Mollusca
by individuals, societies
and institutions world-wide

Editor: Yuri Kantor

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keeping the world of malacology informed

Editorial

Dear UNITAS members,

First of all I send you my greetings with the year 2003. The whole year passed since the last news-
letter and seems to me to be poor in malacological
events. This resulted in this rather thin newsletter.

The newsletter in the current format is published for
some years already. I think this is a good time for
changes. I would really appreciate your comments
and ideas about the new (or better say renewed)
style of the newsletter. May it be worth publishing
some results? For example, brief contents of the
students' projects, that received the UNITAS
awards, etc. Please, spend some minutes and let us
know, what would you like to see in our newsletter.

Finally I would like to say, that the official
UNITAS website is now held by Tom Meijer at:
<http://www.inter.nl.net/users/Meijer.T/UM/um.html>
Soon all the Newsletter issues will be available
through the net as well.

Yuri Kantor

kantor@malaco-sevin.msk.ru

Secretary's Column

In early September a Council meeting was held in
Vigo, generously hosted by Jesús Troncoso, and
timed to coincide with the *Congreso Internacional
de las Sociedades Malacológicas Europeas*. The
main subject of discussion was of course the Con-
gress to be held in Perth in 2004, but we also con-
sidered a number of other items of general interest
to members.

Student research award. I am pleased to announce
that two Student Research Awards were granted
this year. In first place was Purba Pal from Rhodes
University, Republic of South Africa, who had re-
quested a grant of 500 Euro towards a comparative
study of the reproductive biology of siphonariid
limpets with different life-history strategies. The
second-placed proposal, a joint submission from
Tivadar Gaudenyi (Serbia) & Peter Sólymos (Hun-
gary) to carry out mapping of the non-marine mol-
lusc fauna of Yugoslavia, was awarded the remain-
ing 500 Euro. You will find the report of last year's
Award winner, Laurence Kiss, elsewhere in the
newsletter. It is now time to call for the next round
of bids for the Student Research Award, and details
of how to apply will be found following this col-
umn.

Travel grants. At the Council meeting we agreed to
advertise the travel grants in good time for the 2004
Congress. Unitas offers a small number of such
grants, each up to a maximum of 500 Euro. Prefer-
ence will be given to students and others who do

not hold full-time positions and have difficulty obtaining funds to attend the Congress, Applicants must be presenting a lecture or poster, and must also be current members of Unitas Malacologica or of Affiliated Organisations. Application forms can be obtained from the Secretary, **and must be returned by 29th February, 2004.**

Newsletter. The previous newsletter, no. 18, was the first edited by Yuri Kantor, and Council wishes to thank him for doing such an excellent job. It is no easy matter obtaining enough copy for each new issue, so can I encourage you all to think whether you have any material suitable for inclusion in the next one – and, if so, send it to Yuri!

Tentacle. Issue 10 of *Tentacle*, the newsletter of the IUCN/SSC Mollusc Specialist Group, appeared in January, 2002. The printing and distribution costs of *Tentacle* are paid out of Unitas funds, and I view this as an important way in which we help support molluscan conservation initiatives. Its editor, Robert Cowie, is currently soliciting contributions for the next issue.

Election of new officers. In 2004 the positions of President, Secretary and two members of Council become vacant. In accordance with Article V, Section 4 of the new Constitution (see Newsletter no.16), Council is now calling for nominations for election at the next General Assembly in Perth. Each nomination requires a proposer and seconder, as well as the signed agreement of the nominee (all three of whom must be personal members in good standing). The next General Assembly may seem a long way away, but nominations for any of the above positions must be received by the Secretary in time for voting forms to be sent out early in 2004.

It is customary to hold Congresses alternately within and outside Europe. With this in mind, Council wishes to propose Professor Thierry Backeljau, University of Antwerp, Belgium, for the position of President for the period 2004-2007. This would mean that the 2007 congress would be held in Belgium. It is also the unanimous wish of Council that Dr Jackie Van Goethem be put forward for election as Treasurer for a further three-year term of office. These proposals of Council are not intended to preclude others from nominating for these positions, or those of the other two Council members. The aim is simply to ensure there are well-qualified candidates for every vacant position. If more than one nomination is received for any position, all valid nominees will of course be included on the ballot paper.

UM Student Research Award

An award of up to 1000 Euro is offered in each of the two years between congresses to a student in the pursuit of the study of malacology. This will normally involve research projects in conjunction with higher academic degrees such as masters or doctorates. Normal budget items include supplies, ex-

pendable equipment and research travel. The award cannot be used to cover salaries, institutional overheads, permanent equipment or conferences. There is no official application form. Applications must not exceed six pages, and should include: (1) title of project, (2) summary of project not exceeding 150 words, (3) the body of the proposal including background information necessary to understand the project and its significance, materials and methods, and proposed plan of research, (4) itemised budget of estimated expenses, (5) literature cited, and (6) one-page resume including address, etc. Applications from students who are not members of UM or an Affiliated Organisation will be accepted, but must be accompanied by a letter of recommendation by a nominator who is. **The next deadline for submissions is 30th April, 2003.**

Applications should be sent, preferably as an e-mail attachment, to the Secretary:

Dr Peter B Mordan,
Secretary, Unitas Malacologica,
Department of Zoology,
The Natural History Museum
Cromwell Road,
London SW7 5BD, UK
e-mail: pbm@nhm.ac.uk

From the Treasurer

My first concern of course is to stimulate you to gently respond to my reminders for your membership fee... In general you should receive them every three year unless you are paying spontaneously (which I do prefer...).

After my detailed report published in Newsletter 18 there is not much news, unless perhaps to tell you that all Unitas finances are now in EURO, which will make the next financial tables less complex.

Generous donors to the Trust Fund since Newsletter 17 are: Karl-Heinz Beckman, Melbourne Carriker, Jorgen Knudsen, David Lindberg and Fred Wells. Many other members made small donations: Hiro Asami, Stuart Bailey, Annette and Bruno Baur, A.D. Berrie, Abraham Breure, Dolf van Bruggen, Barry Colville, Henk Dijkstra, Malcolm Edmunds, R.I. Egonmwan, Jochen Gerber, Brigitte Grimm, Arie Janssen, Alison Kay, Alan Kohn, Felix Lancaster, Albert Mead, Tom Meijer, Paula Mikkelsen, Juan José Parodiz, José Thomé, Janice Voltzow, Heike Wägele, Tom Waller, Anders Warén and Ton de Winter.

Thanking you very much.

Jackie Van Goethem,
Treasurer of U.M.

Announcing a Course about Molluscs

Advances in Molluscan Biology

A twelve-day residential course at the University of Wollongong with staff from the Australian Museum offers the most comprehensive course on molluscs available anywhere

Dates: 8-21 February 2003

This intensive course offers current information on the 2nd largest animal phylum. Using lectures, practicals and field excursions it will explore each of the major groups and will include details of their:

Biology – including their enormously diverse reproductive and feeding habits.

Diversity – in form and biology; as well as in numbers of species – for example, over 3000 species have been found in a small area of coral reef.

Conservation – there are more recently-extinct molluscs than mammals and birds combined.

Classification and relationships – including the latest developments resulting from molecular studies.

Importance to humans – aquaculture, pests, disease carriers, ornaments, bioresources.

The course will also include:

Practicals – learn how to study molluscs from the experts, including dissection skills and how to identify and observe them.

Field studies and observations – in marine, freshwater and terrestrial habitats. Includes a weekend excursion to the pristine Jervis Bay Marine Park

The course is being run in partnership with the Australian Museum and will be taught by leading experts in the field (Drs Winston Ponder, Bill Rudman and Peter Middelfart).

This 300 level (8 credit point) course is available to undergraduate students, but postgraduate (see below) and non-award students are also welcome to apply. Numbers are strictly limited.

Costs:

Australian undergraduate and postgraduate students	HECS only
Overseas undergraduate and postgraduate students (includes accomm. and all student fees)	AUST\$3,200
Non-student (enrolling via Australian Museum)	AUST\$1,500
Accommodation at residential college:	AUST\$210/week

To enroll contact: Assoc. Prof. Andy Davis (adavis@uow.edu.au) for an application form or download a form from <http://uow.edu.au/science/biol/molluscs> where more information is also available.

Mailing address: Department of Biological Sciences, University of Wollongong, Wollongong, NSW, 2522 Australia. Phone: 61 2 4221 3432; Fax: 61 2 4221 4135.

Non-award students should enroll through Dr Winston Ponder, Australian Museum, 6 College Street, Sydney, NSW 2010, Australia. Phone 61 2 9320 6120; Fax 61 2 9320 6050. Email winstonp@austmus.gov.au using the same enrollment form.

The University of Wollongong (<http://uow.edu.au>) is situated in the city of Wollongong only a little over an hour south of Sydney.

Information on the Conferences

The First Ukrainian Malacological Conference

The first Ukrainian Malacological Conference was held in Zhitomyr, Ukraine, on May 13-15, 2002, with 40 participants from 8 cities of Ukraine. Among foreign guests were Dr. D. Taylor (Eugene, Oregon, USA), Dr. I. Khokhutkin (Yekaterinburg, Russia) and I. Lewin (Katowice, Poland). Review papers presented on the plenary meeting were dealing with the morphological and taxonomic study of Physidae (D. Taylor), taxonomy and biodiversity of bivalve molluscs in Ukraine (A. Korniuschin), keeping and databasing malacological collections (I. Khokhutkin) and perspectives of karyological study of molluscs. Section meetings included papers on fauna, systematics, ecology and ecophysiology, parasitology and toxicology. Proceedings of the conference are published as a special issue of "Visnyk Zhitomyrskogo Pedagogichnogo Universytetu" (No. 10, 2002). The working group is organised to co-ordinate activities of Ukrainian malacologists (contact addresses: Ruslana Melnichenko, melnicenko@orta.com.ua and Alexei Korniuschin, alexei.korniuschin@museum.hu-berlin.de). The 2nd conference should take place during the next 3 years, its place is not yet determined.

V Latin American Congress of Malacology

V CLAMA, São Paulo, Brasil, 2002

From June 30 to July 4, 2002, São Paulo (Brazil) was host of the Fifth Latin American Congress of Malacology, V CLAMA. Hundred and twenty researchers and students from 10 different countries (Argentina, Brazil, Chile, Colombia, French Guyana, Mexico, Panama, Spain, USA, and Venezuela) attended the meeting marshalled by Dr. Toshie Kawano (Institute of Biosciences, University of São Paulo and Institute Butantán) and a marvellous team of students and volunteers ("Turma da *Biomphalaria*").

A total of 198 presentations were given in the form of 5 Invited Conferences, 7 Symposia (with 33 long talks), 40 short talks, 120 posters, and three courses. The meeting also offered a special session to discuss the status of the Latin American Societies of Malacology. The abstract book, 293 pages long,

includes 48 short papers, and is available through Dr. Toshie Kawano (tkawano@usp.br).

The conference by Dr. Walter Narchi, Honorary President of V CLAMA, opened the meeting. The conference dealt with an analysis of morphology and function of anatomical features of bivalves. The other four conferences dealt with subjects such as the regulation and management of culturing exotic species of mollusks, the culture of bivalves in Venezuela, the mollusk diversity of Central America, and the phylogeny of Caenogastropoda, using morphological characters.

Invited talks for the symposia were 30 minutes long. Subjects included terrestrial mollusks from Latin America, reproduction and development of marine mollusks, presence and distribution of imposex in South America, the effect of damming projects on the diversity of freshwater mollusks, using mollusks as bioindicators, the biology of invading species of bivalves, and the status of the malacological collections in Latin America.

The attendants to the V CLAMA had also the opportunity to take three different courses, given during time slots that did not overlap with other sessions of the meeting. The first course was about the reproductive aspects of marine bivalves of commercial interest. The second dealt with the ecology of marine gastropods and bivalves. The last course included a review of TEM and SEM techniques used for studying the development of mollusks.

During the celebration of the V CLAMA, the first time edition of the best-student competition Prize "Dr. Antonio García Cubas", given in memory of this professor of Mexican and Latin American Malacology, was awarded to María Fernanda Boaventura (Instituto Oswaldo Cruz / FIOCRUZ, Manguinhos, Brazil) and to Alexandre Alencar (Instituto de Biologia Roberto Alcântara Gomes, Rio de Janeiro, Brazil), in talk and poster sessions, respectively.

The elected officers for COCLAM during the period 2002-2005 are: President: Dr. Roberto Cipriani (Venezuela), rcipri@usb.ve, snail@cantv.net

Vice-President: Dr. Toshie Kawano (Brazil), tkawano@usp.br

Secretary: Dr. Juan Manuel Díaz (Colombia), jmdiaz@invemar.org.co

Vocals: Dr. Guido Pastorino (Argentina), rvpastor@criba.edu.ar

Dr. Sonia Barbosa Dos Santos (Brazil), sbsantos@uerj.br *

MS. Laura Huaquín Mora (Chile), lhuaquin@uchile.cl *

MS. Nestor Ardila (Colombia), nardila@invemar.org.co

Dr. Eduardo Ríos-Jara (Mexico), edurios@cucba.udg.mx

Dr. Helena Fortunato (Panama), fortunae@ancon.si.edu

Dr. José Arenas (Peru), josearenas@yahoo.com
Dr. José Leal (USA), jleal@shellmuseum.org **
Dr. Patricia Miloslavich (Venezuela), pmilos@usb.ve

* President of the Malacological Society of the country.

** Vice-President of the Malacological Society of the country.

Council:

Dr. Pablo Penchaszadeh (Argentina)

Dr. Willibaldo Thomé (Brazil)

Dr. Carlos Gallardo (Chile)

Dr. Martha Reguero (Mexico)

Dr. Eugene Coan (USA)

Dr. Melbourne Carriker (USA)

These five days of academia ended with the offer from three different countries to become the next CLAMA hosts: Chile (Dr. Carlos Gallardo, Universidad Austral de Chile, Valdivia); Colombia (Dr. Juan Manuel Díaz, INVEMAR, Santa Marta); and Panama (Dr. Helena Fortunato, STRI, Panama City).

During the next four months, they will send to the President of COCLAM their full proposals for the CLAMA, which will be voted through email by the interested malacologists.

Five meetings and eleven years of integration have not gone in vane. São Paulo demonstrated once more that the CLAMA have become the Latin American festivals of malacology.

Dr. Roberto Cipriani

Workshop on Aplacophoran Mollusca

In July 9th-13th 2002 the 1st International Aplacophora Workshop was held at the Kristineberg Marine Research Station in Fiskebäckskil (North of Gothenburg/Sweden), sponsored by several institutions. It was managed by Amélie Scheltema (Woods Hole/USA), Chris Schander (Arctic Station of the University of Copenhagen in Greenland) and Claudia Handl (Vienna/Austria), and it brought together some fifteen scientists and students of eight countries. The aim was to intercommunicate actual knowledge on both the neomeniomorphs/ Solenogastres and chaetodermomorphs/Caudofoveata, to exchange techniques of investigation, as well as to standardise terminology and characters used in taxonomy; with regard to this, also a first version of a database featuring aplacophoran taxa was presented. A variety of respective communications were given such as on characteristics of soft anatomy, particularities of hardpart structures, ultrastructure of cilia, larval features a.s.o.. In addition, boat trips in the offshore Gullmarfsfjord were undertaken to collect chaetodermatids - generally not rare on muddy bottoms in that area (Kattegat) between 30-120

meters depth. Living habits and hardpart structures (preparation of epidermal sclerites and radula) of these chaetodermatids (1-3cm in size) were studied.

L.v.Salvini-Plawen & Ch.Todt

(Vienna/Austria)

The Future Congresses and Conferences

World Congress of Malacology Perth, Western Australia 11-16 July 2004

The next World Congress of Malacology will be held in Perth, Western Australia, the first such Congress in the Southern Hemisphere. It will be held on the campus of The University of Western Australia, from 11 to 16 July 2004. The UWA campus, on the banks of the Swan River, is one of the most beautiful in Australia. It is the 15th International Congress of UNITAS MALACOLOGICA and is being jointly organised by Unitas and the Malacological Society of Australasia. The Congress will adopt the style of the last two highly successful Congresses in Washington, D.C., USA (1998) and Vienna, Austria (2001). Both world congresses have been very successful, and we expect the Perth meeting to be just as successful. The congress offers international mollusc workers a wonderful opportunity to come to Australia. Several major symposia are planned:

- Phylogeny of molluscs;
- Molluscan aquaculture and fisheries;
- Ecology of molluscs;
- Special sessions on particular groups (such as bivalves) and other topics (e.g. conservation) are also planned or can be included.

There will also be contributed paper sessions there will be a special poster session with posters on display throughout the conference. The conference will start with an icebreaker on Sunday night, 11 July 2004, with sessions on Monday, Tuesday, Thursday and Friday. The conference dinner will either be on Thursday or Friday night. Three-star and student accommodation will be available on the university campus and 3 star plus accommodation in hotels 5 km or a 10 minute taxi trip away from the conference venue. A choice of four excursions is tentatively planned for Wednesday:

- field trip to Rottneest Island, just off the Perth coastline;
- dive expedition to Rottneest;
- river cruise up the Swan River to one of the local wineries; and
- bus tour of Perth and the coastal city of Fremantle.

Further information will be put on the following websites as it becomes available. Alternatively,

information can be obtained from the Conference Organiser.

Unitas Malacologica (interim address)
<http://www.inter.nl.net/users/Meijer.T/UM/um.html>

Malacological Society of Australasia
<http://www.amonline.net.au/malsoc>

CONFERENCE ORGANISER: Dr Fred Wells
Western Australian Museum, Perth 6000, Western Australia, Australia, wells@museum.wa.gov.au.

(See the included leaflet).

The Malacological Society of London Limpets 2003 Evolution and biology of marine limpets 28-30 March 2003 Universities Marine Biological Station, Millport, Isle of Cumbrae, Scotland

Speakers approached include: George Branch (Cape Town); Stephen Hawkins (Plymouth); Gray Williams (Hong Kong); David Lindberg (Berkeley).

Contributions, either as oral or poster presentations are invited and should be addressed to Alan Hodgson, Grahamstown, South Africa (a.hodgson@ru.ac.za). Enquiries about booking and accommodation, expressions of interest and requests for further details should be addressed to Hugh Jones, Manchester, UK (hugh.jones@man.ac.uk). Please do not contact Millport directly.

This meeting will include the 2003 Annual General Meeting of the Society (29 March 2003).

Millport is reached by a ferry which runs every 30 minutes from Largs to the Isle of Cumbrae (ferry timetable: www.calmac.co.uk). Largs is easily reached from Glasgow or Prestwick airports, or by rail via Glasgow, or by road. Train times, fares and bookings can be made via www.thetrainline.com or www.scotrail.co.uk. Please note that the low-cost airline EasyJet (www.easyjet.com) flies to and from Glasgow.

Accommodation will be in the hostel adjacent to the Marine Station (www.gla.ac.uk/Acad/Marine). Cost, full board for two days, approximately £60 for single occupancy, £45 each for double occupancy. Please note that bookings for accommodation will require full payment 30 days in advance. Alternative accommodation is available in Millport and in Largs. A modest conference fee will be charged.

XIXth International Congress of Zoology

AUGUST 23-27, 2004
BEIJING, CHINA

ORGANIZED BY China Zoological Society, Institute of Zoology, the Chinese Academy of Sciences

From the first announcement (more information is available at <http://www.icz.ioz.ac.cn>):

INVITATION

On behalf of the Organizing Committee of the XIXth International Congress of Zoology, it gives us great pleasure to invite you to attend the 2004 Congress in Beijing China. This symposium will follow the highly successful Congress held in Athens, Greece in 2000, and will be the first time the Congress has been held in China. Over the last few decades, much has changed in our "zoological world". There is now a great focus on molecular biology and biochemistry, perhaps to the detriment of more traditional zoology. However, the urgent need to more fully understand biosystems has lit the flame for ecology, systematic zoology and to some degree palaeozoology. The latter has shown some spectacular advances recently, with our comprehension of metazoan evolution significantly enhanced through some of the extraordinary finds in China's early Cambrian. The holding of this Congress in China provides a wonderful opportunity to pursue dialogue between those at the forefront in molecular biology, whilst at the same time furthering our understanding in ecology, zoological evolution, systematics and not least, zoological education. We look forward to meeting you in 2004, at what we are very confident will be a momentous occasion for zoology.

John Buckeridge (Chair, International Congress of Zoology Committee)

Zhibin Zhang (Secretary General, the XIXth International Congress of Zoology Organizing Committee)

News from Museums

On the type collection of Benedykt and Wladislaw Dybowski in Zoological Museum of Lviv National University (Ukraine).

Types of molluscs described from Lake Baikal by Benedykt and Wladislaw Dybowski and kept then at Zoological Museum of Lviv National University (Ukraine), were for a long time neglected. Now this material is catalogued and available for an interested reviewer. Dybowski's collection includes altogether more than 9000 specimens, among them syntypes lots of 35 nominal taxa, in particular that of Planorbidae, Valvatidae, Baicaliidae and Sphaeriidae. Most of the syntypes are dry shells in a good condition, some lots are big enough for statistical treatment. Revision of some groups (e.g. Sphaeriidae) is already in progress.

Small collection of dry shells of molluscs from the Caspian Sea that were collected and described by Wladyslaw Dybowski is also stored in Zoological Museum. It was never catalogued but may contain a taxonomically valuable specimens.

Contact address: Dr. Igor Shydlovskyy, Benedykt Dybowski Zoological Museum, Ivan Franko National University of Lviv, Hrushevsky str. 4, Lviv 79005, Ukraine; e-mail: zoo-mus@franko.lviv.ua, <http://www.franko.lviv.ua/faculty/biologh/biophys/zoo.html>

Alexei Kornushin
and Igor Shydlovskyy

New Books

Collectanea Malacologica - Festschrift für GERHARD FALKNER, edited by M. Falkner, K. Groh & M. C. D. Speight. Conchbooks, 2002, 10+646 pp., 83 text-figs., 14 tables, 23 maps, 20 text-plates, 48 colour-plates. Price • 128,00.

Contents: WEIDINGER, W.: Reisen in das Morgenland. Malakologische Beobachtungen in Lykien 1837/2001. 20 S. • BOETERS, H. D.: Ein Beitrag zu *Bythiospeum* im Einzugsgebiet der Isar in Oberbayern. 11 S. • GERBER, J.: Two more northern outposts of the Southern Alpine land snail *Chondrina megacheilos* (CRISTOFORI & JAN 1832) (Gastropoda: Pupilloidea: Chondrinidae). 8 pp. • GITTENBERGER, E.: Two more sibling *Chondrina* species, endemic for France (Gastropoda, Pulmonata, Chondrinidae). 7 pp. • BECKMANN, K.-K.: Elemente einer Revision der endemischen Ruppstrellen Siziliens. 30 S. • ALONSO, M. R., IBANEZ, M. & PONTE-LIRA, C. E.: *Canariella (Canariella) falkneri* new species (Gastropoda Pulmonata: Hygromiidae) from La Gomera (Canary Islands). 9 pp. • BANK, R. A., GROH, K. & RIPKEN, TH. E. J.: Catalogue and bibliography of the non-marine Mollusca of Macronesia. 147 pp. • DE WINTER, A. J.: Notes on the land operculates from Cameroon (Gastropoda: Cyclophoridae & Maizaniidae), including the description of two new species. 15 pp. • NEUBERT, E.: The Non-Alopiine Clausiliidae of Africa, with a note on *Clausilia giraudi* BOURGUIGNAT (Mollusca, Stylommatophora, Clausiliidae). 23 pp. • MAASSEN, W. J. W.: Remarks on the Pupinidae of Sumatra (Indonesia) with description of two new species (Gastropoda, Prosobranchia: Pupinidae). 14 pp. • NORDSIECK, H.: *Albinaria* taxa (Gastropoda: Pulmonata: Clausiliidae) on Folegandros island (Cyclades, Greece), subspecies or species? 9 pp. • VON COSEL, R.: Seven new species of *Solen* (Bivalvia: Solenidae) from the tropical Western Pacific, with remarks on other species. 41 pp. • NORDSIECK, H.: The Rillyini species from the Paleocene of the Paris basin (Gastropoda: Pulmonata: Clausiliidae). 19 pp. • BOGAN, A. E. & BOGAN, C. M.: The development and evolution of ISAAC LEA'S publications on the Unionoida. 13 pp. • SCHMID, G.: Der Bambus-Tick Oder *Paralaoma servilis*, die Gerippte Punktschnecke, in SW-Deutschland. 27 S. • MEIER-BROOK, C.: What makes an aquatic ecosystem susceptible to mollusc invasion? 13 pp. • REISCHUTZ, P. L.: Die in Osterreich eingeschleppten Molluskenarten - eine Übersicht. 10 S. • KITTEL, K.: Ein Beitrag zur Kenntnis der Molluskenfauna der Insel

Brae (Dalmatien, Kroatien). 20 S. • PIECHOCKI, A.: The fauna of pill-clams (*Pisidium* C. PFEIFFER) (Bivalvia, Sphaeriidae) at various depths in Lake Ostrowite (N. W. Poland). 13 pp. • KORNIUSHIN, A., JANOVIČ, L. N & MELNICHENKO, R. K.: Artenliste der Süßwassermuscheln in der Ukraine, mit Bemerkungen über taxonomischen Status, Verbreitung und Gefährdungskategorien einiger Arten und Formen. 16 S. • GLOER, P.: Die Molluskenfauna der Elbe bei Hamburg und angrenzender Gewässer vor 100 Jahren und heute. Ein vorläufiger Bericht. 39 S. • VON PROSCHWITZ, T.: Tierknochen als Kalkquelle für landlebende Mollusken. 6 S. • MULLER, D.-E.: Exkursion der TABULA MALACOLOGICA MONACENSIS in den Bayerischen Wald zum Schwaimberg bei Grafenau und in die Buchberger Leite bei Freyung. 6 S. • GARGOMINY, O.: Prospections naturalistes sur sites Natura 2000 - alters et retours entre systematique et conservation. 15 pp. • GARGOMINY, O.: Epilogue 3 pp.

35 new species and subspecies are described new to science, as well as two new tribes.

LORENZ F.. New Worldwide Cowries - Descriptions of New Taxa and Revisions of Selected Groups of Living Cypraeidae (Mollusca: Gastropoda). Conchbooks, 2002, 4+292 pp. with 422 b/w and 16 col. textfigs., 37 maps, 40 col.-pls. Price • 60,00.

In total 40 names of specific or subspecific rank are first times validated or introduced new to science. 6 names are elevated in their taxonomic rank. Together with the actualized illustrated check-list for the Recent members of the whole family this is an indispensable addition to the second edition of a "Guide to Worldwide Cowries" which is now out already in its second printing.

GLÖER P. Die Süßwassergastropoden Nord- und Mitteleuropas - Bestimmungsschlüssel, Lebensweise, Verbreitung. Conchbooks, 2002. Teil 73 der von F. DAHL 1925 begründeten Reihe "Die Tierwelt Deutschlands". 326 pp with 566 line drawings and 706 photographs. Price • 55,00.

Contents: Systematische Übersicht • Eidonomie • Anatomic • Ernährung u. Verdauung • Fortpflanzung • Ökologie • Ausbreitung u. Neubesiedlung • Neozoen • Gefährdung • Sammeln und aufbewahren • Spezieller Teil: Bestimmungsmerkmale • Bestimmungsschlüssel der 15 Familien, 58 Gattungen und 193 rezenten sowie 23 Quartar-fossilen Arten für das CLECOM-I-Gebiet auKer Frankreich. • Diagnosen aller behandelten Arten mit • Trivialnamen • Synonymen • Merkmalen • Biologic • Ökologie • Formen u. Unterarten • rezente und quartare Verbreitung • Literaturverzeichnis • Register

GROH K. & POPPE G. T. The family Acavidae excl. genus *Ampelita*. A Conchological Iconography, 2002, 65 pp., 81 figs., 44 col. plates. Price • 60,00.

SCHILEYKO A. A. Treatise on Recent terrestrial Pulmonate molluscs. Supplement 2, *Ruthenica, Russian Malacological Journal*. Published in separate issues:

Part 1, April 1998: 1-127, figs. 1-140.

Achatinellidae, Amastridae, Orculidae, Strobilopsidae, Spelaeodiscidae, Valloniidae, Cochlicopidae, Pupillidae, Chondrinidae, Pyramidulidae

Part 2, November 1998: 129-261, figs. 141-316.

Gastrocoptidae, Hypselostomatidae, Vertiginidae, Truncatellinidae, Addition To Vertiginoidea, Pachnodidae, Enidae, Sagdidae

Part 3, April 1999: 263-436, figs. 317-566.

Partulidae, Aillyidae, Bulimulidae, Orthalicidae, Megaspiridae, Urocoptidae

Part 4, December 1999: 437-564, figs. 567-732.

Draparnaudiidae, Caryodidae, Macrocyclidae, Acavidae, Clavatoridae, Dorcasiidae, Sculptariidae, Plectopyloidea, Corillidae, Plectopylidae, Megalobulimidae, Strophocheilidae, Cerionidae, Achatinidae, Subulinidae, Glessulidae, Micractaeonidae, Ferrussaciidae

Part 5, May 2000: 565-729, figs. 733-949.

Clausiliidae

Part 6, December 2000: 731-880, figs. 950-1154.

Rhytididae, Chlamydephoridae, Systrophiidae, Haplotrematidae, Streptaxidae, Spiraxidae, Oleacinoidea, Testacellidae

Part 7, June 2001: 881-1034, figs. 1155-1346.

Endodontidae, Thyrophorellidae, Charopidae

Part 8, January 2002: 1035-1166, figs. 1347-1524.

Punctidae, Helicodiscidae, Discidae, Cystopeltidae, Euconulidae, Trochomorphidae

Part 9, September 2002: 1167-1307, figs. 1525-1710.

Additions to Euconulidae (Kaliellinae), Additions to Trochomorphidae, Helicarionidae, Gymnarionidae, Rhysotiniidae, Ariophantidae

Review of all known genera and subgenera of recent pulmonates. Shell and anatomy (when available) is illustrated for every taxon. In total 13 parts are planned.

For more information and order contact:

D.L. IVANOV, ivanovdl@zmmu.msu.ru.

Books Reviews

SCHULTZ, O., 2001. *Bivalvia neogenica (Nuculacea-Unionacea)*. Catalogus Fossilium Austriae 1(1), xlviii + 379 pp., 1 tab., 8 figs., 56 pls. Verlag der Österreichischen Akademie der Wissenschaften, Wien (ISBN 3-7001-2982-3). Price • 149.

This weighty book (c. 2 kg !), vol. 23 in the well-known Austrian series *Catalogus Fossilium Austriae*, which publishes listings of all fossils on record from that country, presents the outcome of many years of literature studies. So far, volumes in this series had a complicated alphabetical/numerical numbering, originally intended to place them in a systematic order. This is now abandoned, triggered also by the fact that systematics have changed con-

siderably in recent years. That, however, is not the only change. The format now is A4, a good quality of mat printing paper is used, type setting is modernised, and the body text (Helvetica) appears in two columns, with headings and species names in bold. Photo plates are now included as well; no fewer than 56 in the present volume.

For many years now, the author has been a curator at the Naturhistorisches Museum Wien, having access to all those important and classic collections of species described from Austria, e.g. the Hoernes and Schaffer collns. Included also is material from other, mainly Austrian, institutes; it therefore comes as no surprise that numerous, if not most, of the illustrations in this volume are of types or figured specimens. This alone makes this volume a must for every European Cainozoic molluscan worker. The plan is that all Neogene bivalves from present-day Austria are listed and discussed in three volumes. The present one, volume 1-1, considers the Nuculacea up to and including the Unionacea. Taxonomy used, down to genus, is based on the *Treatise of Invertebrate Paleontology* (1969, 1971). In the References (p. xiv), the 1969 volume is erroneously referred to as '*Treatise on Vertebrate Paleontology*'. Other printing errors are rare, e.g. 'Anonalodesmata' (p. 1) and 'terrains teriaires' (p. 95) caught my eye.

Following upon Contents (p. iii), short introductions (pp. iv, v), explanatory notes on synonyms and distribution (p. vi), surprisingly few acknowledgements (p. vi), a stratigraphical table (p. vii) and a list of abbreviations (p. viii), is a very extensive list of references (pp. ix-xlviii), comprising c. 1,800 titles, mainly referring to Central Paratethys faunas, but also including important papers covering faunas from other basins. The author seems to have missed the recent revised edition of ICZN rulings, since only the 1985 issue is listed.

The most substantial portion (pp. 1-379) is 'Systematik'. Flicking through these pages soon shows that not only Neogene taxa are listed; species of Oligocene age are frequently discussed.

For each species, a comprehensive list of references is given, not restricted to papers on Austrian material. For instance, for *Anadara* (*Anadara*) *diluvii* (Lamarck, 1805) no fewer than 258 references are given; just six of these, however, are to taxa not referred to as *A. diluvii*, and many of them refer to papers lacking illustrations. This, and the fact that the author has seen the original material of only four of the works referred to (marked with 'v'), illustrates the level of criticism with which these lists have been compiled.

In places, following upon synonyms, there are notes on systematics, often inclusive of locus typicus and stratum typicum. For each (sub)species, stratigraphic and geographic distribution in Austria and abroad, is specified in detail.

For the Ostreacea, a notorious group of which a German fellow curator once said, 'Ich bedaure sehr daß die auch zu den Mollusken gehören', I was really impressed by the number of synonyms listed, e.g. under the heading 'Ostreaceae indet.'. No fewer

than 489 references appear here (pp. 304-308), including mention of just '*Ostrea* sp.', and many vernacular names such as 'Auster, Ostreen, Austerbank, kleine Austerscherben', etc., which indicates the great care with which the literature has been screened by the author.

The plates (b/w photographs) are of excellent quality, with specimens mainly illustrated at natural size. No fewer than 29 plates are reserved for pectinids, amongst which there are numerous type and illustrated specimens, also of species described by non-Austrian pectinid specialists such as Roger, and Depéret & Roman. The author has refrained from designating lectotypes in this book, which is a catalogue rather than a critical taxonomic revision. Yet, quite a lot of nomenclatorial decisions had to be made, and these will no doubt influence future literature.

The book is in German, and like in nearly all German work, subdivisions of time-stratigraphic units such as Miocene and Oligocene, are referred to as 'Unter-Miozän' or 'Ober-Oligozän'. Most modern papers in English have done away with 'upper' and 'lower', and subdivisions more appropriately bear the prefixes 'Early' and 'Late'. It is to be hoped that our German-speaking colleagues will one day realise that the 'Unter-Miozän' makes just as much sense as the 'Unteres Mittelalter', or Lower Middle Ages. The volume is not very solidly bound, lumb-backed in 16 page sections, with a weak cardboard cover. Yet despite this, its price is considerable.

I like to conclude this review by expressing my admiration to Dr Schultz, for the enormous quantity of dedicated work done by him, and by wishing him courage in finishing the two remaining volumes !

ARIE W. JANSSEN

Atlas of Bivalve Mollusks of the Far Eastern Seas of Russia / Compiler S.V. Yavnov. Vladivostok: Pacific Research Fisheries Centre (TINRO-Centre) and Duma Publ. House. 2000. 167 p., 79 color text-photographs (Series *Atlases of Commercial and Commercially Perspective Hydrobionts of the Far Eastern Seas of Russia*). (In Russian, title translated).

This book is the first in a series *Atlases of Commercial and Commercially Perspective Hydrobionts of the Far Eastern Seas of Russia* issued by the Pacific Research Fisheries Centre (Vladivostok) in 2000 for the wide audience of readers, such as teachers of biology, students and fisherman, as well as amateurs and shell collectors.

The Atlas contains brief descriptions of 79 bivalve species illustrated by good quality photographs showing outer and inner shell surfaces. The text includes data on geographical distribution, nomenclature, shell morphology, ecology — preferred bottom type, depth range, maximum population density and biomass, maximum age, shell length or height and weight, commercial size, reproduction, mode of life, and, in some cases, location of commercially important concentrations, and estimates of commercial stocks, mostly for Peter the Great

Bay in the northwestern Sea of Japan. For the majority of species, the method of harvesting is indicated. There are five pages with underwater landscape photographs and fisherman's nets and boats. Unfortunately, this valuable book does not include any general information necessary for non-professionals and fisherman, such as general information on shell morphology and anatomy or, at least, a glossary of morphological terms. The one-page introduction is too short, and no any references are provided.

Some errors in scientific names, taxonomy and nomenclature will restrict the utility of this book for students. Thus, in the genus *Chlamys* the species names must be spelled as *rosealba*, *albida* and *behringiana* instead of *rosealbus*, *albidus* and *behringianus*; *Modiolus difficilis* (Kuroda et Habe, 1950) is a preoccupied name, which has not been used since Bernard (1983) introduced *M. kurilensis* as *nomen novum*; the correct spelling of the broad smoothcockle is *Serripes laperousii* instead of *S. laperosi*; for representatives of some tellinids, genus name *Megangulus* should be used instead of *Peronidia*; *Macoma orientalis* Scarlato, 1967 is a preoccupied name; *Panomya norvegica* has priority over *P. arctica*; the correct spelling for «*Gari kawsensis*» is *G. kawsensis*. There are also errors with the authorship of some species: the author of *Clinocardium californiense* is Deshayes, not Keen; *Yagudinella notabilis* is G. B. Sowerby III, not Kabanov. *Dosinia angulosa* does not inhabit Russian waters in the Sea of Japan; the correct name to be used for this clam is *Dosinia penicillata*. These mistakes could have been eliminated through consultations with malacologists from the Russian Academy of Sciences or foreign colleagues.

It is doubtful, that rare *Trapezium liratum* and *Dosinia «angulosa»*, relics of the mid-Holocene warming in the northwestern Sea of Japan, as well as small *Thyasira gouldi* and *Septifer keenae* may be of economic importance, although they have been included.

In spite of its shortcomings, the book provides the first new and updated review of common bivalve species of Russian Far Eastern seas since *Atlas of Invertebrates of the Far Eastern Seas of the USSR* (1955), contains good quality photographs, and can be used by fisherman and amateurs for preliminary identifications of these animals.

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