

# The Compleat Mesoangler

A Newsletter About Mesozoic Fishes

Volume 1, Number 3

December 12, 1994

## Mesozoic Fishes – Second Meeting will be in Berlin in 1997

The second meeting on Mesozoic fishes is now in the planning stage and the first circular is out. Being organized by Gloria Arratia and Hans-Peter Schultze, it will take place in Berlin between July and September of 1997. The two main areas of concentration will be: (1) The fossil record: studies of (a) specific areas, and (b) specific groups; and (2) Systematics of Mesozoic fish groups. Gloria is hoping to get an indication of interest in this meeting, so please let her know if you think you might attend and/or make a presentation. As well, contact her with any questions you may have or suggestions about additional topics for the meeting. The address is:

Mesozoic Fishes – Fossil Record and  
Systematics  
Second Meeting, Berlin, 1997  
Institut für Paläontologie  
Museum für Naturkunde der H.U.B.  
Invalidenstraße 43  
D-10115 Berlin  
Germany ■

## Newsletter Named

As you can see at the top of this page, the newsletter now has a new name. The “winning” entry was submitted by Niels Bonde; the slightly revised spelling used here was suggested by several of those on the international panel of judges. Some of the other suggested names could very well appear as the titles of columns or articles in the future.

No logo suggestions have been received as yet. Perhaps the editor will have to use his own imagination! ■



*Specimen of Albertonia in UALVP collections from  
the Lower Triassic of Wapiti Lake*

## Mesozoic Fish Tales:

### News from Readers

**Arratia, Gloria**, Institut für Paläontologie,  
Museum für Naturkunde der Humboldt-  
Universität, Invalidenstraße 43, D-10115  
Berlin, Germany

*Current research:* 1) Fossils from northern Chile, mainly the Sinemurian Vaquillas Altas and the Oxfordian Quebrada del Profeta: a) many teleosts, most with preserved soft structures, were collected in Quebrada del Profeta, along with pachycormiforms, a pycnodontiform, some large unidentified “holosteans”; b) proleptolepid-like teleosts, pycnodontiforms, undetermined “holosteans,” a sarcopterygian (probably a coelacanth) from the Sinemurian; 2) Jurassic/Early Cretaceous fishes from Yemen.

Congratulations to Gloria for receiving a Research Award from the Alexander von Humboldt Foundation!

**Bardack, Dave**, Dept. of Biological Science,  
University of Illinois, Chicago, IL 60680, USA

*Current research:* 1) recently described a

(See “Mesozoic Fish Tales”: continued on page 2

new Mazon Creek shark; 2) working on a Mazon Creek tetrapod.

**Brito, Paulo**, Laboratoire de Paléontologie, Museum national d'Histoire naturelle, 8 rue Buffon, 75005, Paris, France

*Current research:* A study of the Lower Cretaceous Missao Velha Formation of Brazil, describing a taxonomically diverse fauna based only on broken specimens (scales, teeth and isolated bones) has just been finished.

**Case, Gerard R.**, P.O. Box 689, Ridgefield Park, New Jersey 07660, U.S.A.

*Phone:* (201) 963-1443

*Current research:* Just finished: 1) a study of mid-Eocene selachians of the White Mtn. Fm., Uzbekistan; 2) a study of the Late Maastrichtian selachians of the Kemp Fm., NE Texas (21 new species, of which 3 are new genera). Working on: 3) fossil fish remains of the Tusahoma and Bashi Formations of Mississippi (Paleogene); 4) selachians of the Hornerstown Fm., New Jersey (early

Paleocene); 5) selachians of the Tallahatta Fm., Alabama (middle Eocene).

**Das, Mrinal K.**, Department of Biology, Bishop's University, Lennoxville, PQ, Canada J1M 1Z7

*Phone:* (819) 822-9600, ext. 379  
(819) 822-9634 (off hours, weekends)

**Johns, Marji**, Geological Survey of Canada, Pacific Geoscience Centre, Box 6000, 94860 W. Saanich Rd., Sidney, BC Canada V8I 4B2

*Phone:* (604) 363-6422

*Fax:* (604) 363-6565

*E-mail:* johns@pgc.emr.ca

*Current research:* working on papers arising out of her thesis, "Taxonomy and biostratigraphy of Middle and Upper Triassic ichthyoliths from northeastern British Columbia."

Marji's M.Sc. thesis won the 1993 'Best M.Sc. Thesis' award from the Canadian Society of Petroleum Geologists.

**G. Arratia & G. Viohl, eds.**

## Mesozoic Fishes: Systematics and Paleoecology

### Proceedings of the First International Meeting, Eichstätt, 1993

**Approx. 700 pp.**, dealing with systematics, faunal assemblages, and paleoecology of worldwide chondrichthyans, sarcopterygians, primitive actinopterygians, and teleosts.

**Cost:** \$100 US or DM 150 (Credit cards accepted: Access, Eurocard, American Express, MasterCard, Diners' Club, VISA)

**Order from:** Verlag Dr. Friedrich PFEIL  
Postfach 65 00 86  
D-81214 München  
GERMANY

**Kemp, Noel**, Tasmanian Museum & Art Gallery, Hobart, Tasmania, Australia

*Current research:* With David Ward, used a National Geographic grant to carry out field work in the Cretaceous of western Queensland; now working up the sharks.

**Li Guo-qing**, Department of Biological Sciences, University of Alberta, Edmonton, Alberta T6G 2E9 Canada.

*Phone:* (403) 492-1252

*Fax:* (403) 492-9234

*Current research:* Awarded the Ph.D. degree in fall of 94; recently completed several manuscripts on fossil osteoglossomorphs of North America and Australia; currently interested in finding a postdoctoral position in fish paleontology or systematics.

**Mishra, V.P.**, Palaeontology Laboratory, Geological Survey of India, Lucknow-226020, India

*Phone:* 77056 (bus)  
39310 (res)

*Current research:* 1) Mesozoic-Tertiary microvertebrates of India; 2) Palaeozoic microvertebrates; 3) Carboniferous-Permian microvertebrates of Kashmir Himalaya.

**Murray, Alison M.**, Ichthyology Section, Macoun Nature Centre, Canadian Museum of Nature, P.O. Box 3443, Station D, Ottawa, Ontario K1P 6P4 Canada

*Phone:* (819) 953-6263

*Fax:* (819) 953-6220

*Current research:* awarded M.Sc. degree in fall of 94; working on manuscripts from thesis and on paracanthopterygian systematics.

("Mesozoic Fish Tales" continued from page 2)

**Pellerin, Nicole M.**, Department of Biological Sciences, University of Alberta, Edmonton, Alberta Canada T6G 2E9

Phone: (403) 492-1264

Fax: (403) 492-9234

E-mail: npellerin@gpu.srv.ualberta.ca

Current research: Just started an M.Sc.

program, supervised by Mark Wilson; interested in growth and histology of bone.

**Poyato-Ariza, F.J.**, Unidid de Paleontología, Departamento de Biología, Facultad de Ciencias, Universidad Autónoma de Madrid, Cantoblanco, 28049-Madrid, España. Until this month is in Berlin working with Gloria and Hans-Peter.

Current research: Beginning revision of the Spanish Mesozoic sharks (Montsec, Early Cretaceous); joined in field work at Las Hoyas and Montsec, Spain.

**Shimada, Kenshu**, Department of Geosciences, Fort Hays State University, Hays, Kansas 647601-4099, U.S.A.

Current research: especially interested in Cretaceous sharks.

**Siverson, Mikael**, currently c/o Department of Earth and Planetary Sciences, Western Australian Museum, Francis Street, Perth, WA 6000, Australia

Current research: Cretaceous sharks of Western Australia.

**Taverne, Louis P.**, can also be reached at this Belgian address: 51 rue Gachard (Boite 10), B-1050 Brussels, Belgium

**Taylor, Michael A.**, Vertebrate Palaeontology, Royal Museum of Scotland, Chambers Street, Edinburgh EH1 1JF.

Phone: 0 131-225-7534

Fax: 0 131-225-5811

Current research: curator of vertebrate paleontology; marine tetrapod adaptations.

### VIII International Meeting:

## Early Vertebrates/ Lower Vertebrates

Paris - France  
September 4-9, 1995

Contact:

Early Vertebrates/Lower Vertebrates  
Laboratoire de Paléontologie - URA 12  
8, rue Buffon  
75005 Paris, France

### Please send items for the next issue:

- news from your lab or reports of fieldwork
- statement of research interests, address changes
- meeting announcements
- hints or questions on techniques
- small photos of problematical fossils that someone else might be able to identify
- small photos of Mesozoic fish, localities, field parties, etc., please! (my supply is limited)
- employment and graduate school opportunities available or needed
- publications (last two years, not listed before)

Keep items short, ideally less than 100 words. Items such as photos should have no copyright restrictions.

### Send submissions to:

- e-mail: Mark\_Wilson@biology.ualberta.ca
- FAX: M.V.H. Wilson: 1-403-492-9234
- post: Dr. M. V. H. Wilson  
Dept. of Biological Sciences  
University of Alberta  
Edmonton, Alberta T6G 2E9  
CANADA

### Next Deadline March 30/95

Optional Contribution to defray expenses of production and mailing: \$5. U.S. per year or, send copies of publications with your news if you can.

*The Compleat Mesoangler* mailing list:

**112 People in 20 Countries.**

To join, send a Mesozoic Fish Tales item.

**Thomson, Keith S.**, Academy of Natural Sciences, 1900 Benjamin Franklin Parkway, Philadelphia, Pennsylvania 19103-1195, U.S.A.

Phone: (215) 299-1016

Fax: (215) 299-1028

Current research: Keith is president of the Academy of Natural Sciences, Philadelphia.

**Ward, David J.**, 209 Crofton Lane, Orpington, Kent BR6 0BL, UK

Current research: 1) Tertiary sharks; 2) Cretaceous microvertebrates from Queensland (with Noel Kemp).

**Watson, Peter**, 2/43 Querrin Street, Yeronga, Queensland 4101, Australia

Current research: 1) M.Sc. thesis at Univ. Sydney on Triassic fish deposits; 2) morphology of head of *Promecosomina*; 3) discovered a small, new hybodont shark that is being studied by Michael Leu.

**van der Brugghen, Wim**, Ketenstraat 22, 1316 NC Almere-Stad, Netherlands

Current research: Dutch Upper Maastrichtian vertebrate microfossils (very small shark teeth, denticles, etc.). ■

# ASIH 1995

## Edmonton, Alberta Canada

75th Meeting of the  
American Society of  
Ichthyologists and Herpetologists  
with  
American Elasmobranch Society  
and  
Herpetologists' League  
June 15-19, 1995

Symposia include:  
Interrelationships of Fishes Revisited

contact ASIH95, Dept. Biological Sciences,  
University of Alberta, Edmonton Alberta T6G 2E9  
Canada  
e-mail ASIH95@biology.ualberta.ca

## Squish Fisch Fiche: Recent Publications

**Arratia, G. 1994.** Phylogenetic and paleogeographic relationships of the varasichthyid group (Teleostei) from the Late Jurassic of Central and South America. *Rev. Geol. Chile*, **2** : 119-165.

**Case, G.R. 1993.** Probable occurrence of the shark genus *Palaeocarcharodon* (Neoselachii: Cretoxyrhinidae) in the Paleocene of New Jersey. *Mosasaur*, **5** : 73-73.

**Case, G.R. 1994.** Fossil fish remains from the late Paleocene Tusahoma and early Eocene Bashi Formations of Meridian, Lauderdale County, Mississippi. Part I: Selachians. *Palaeontographica A*, **230** : 97-138.

**Case, G.R. 1994.** Fossil fish remains from the late Paleocene Tusahoma and early Eocene Bashi Formations of Meridian, Lauderdale County, Mississippi. Part II: Teleosteans.

*Palaeontographica A*, **230** : 139-153.

**Gaillard, C., Bernier, P., Gall, J.C., Gruet, Y., Barale, G., Bourseau, J.P., Buffetaut, E., & Wenz, S. 1994.**

Ichnofabric from the Upper Jurassic lithographic limestone of Cerin, southeast France. *Palaeontol.* **37** : 285-304.

**Lambers, P.H. 1994.** The halecomorph fishes *Caturus* and *Amblysemius* in the lithographic limestone of Solnhofen (Tithonian), Bavaria. *Geobios* **16** : 91-99.

**Li Guo-qing. 1994.** New osteoglossomorphs (Teleostei) from the Upper Cretaceous and Lower Tertiary of North America and their phylogenetic significance. Ph.D. thesis, University of Alberta, 290 pp.

**Li Guo-qing. In press.** Comments on the systematic position of *Phareodus* (*Phareoides*) *queenslandicus* (Teleostei: Osteoglossidae). *Memoirs of the Queensland Museum*, **37**(1).

**Li Guo-qing. In press.** Elasmobranchs from the Lower Tertiary of the western Tarim Basin, China, and their biostratigraphic significance. *Science of China*.

**Murray, A.M. 1994.** Description of two new species of basal paracanthopterygian fishes from the Palaeocene of Alberta, and a phylogenetic analysis of the percopsiforms (Teleostei, Paracanthopterygii). M.Sc. thesis, University of Alberta, 175 pp.

**Taverne, L., 1991.** New considerations on the osteology and the phylogeny of the Cretaceous marine teleost family Dercetidae. *Biol. Jb. Dodonaea*, **58** : 94-112. ■



*Lunch on the field trip after the 1993 Mesozoic Fishes conference*

## *Ichthyolith Issues*

the IGCP 328 Newsletter  
on Palaeozoic Microvertebrates

Send \$20 (Australian) payable to "Queensland Museum (Microvertebrate Account)" to:

Dr. Susan Turner  
Queensland Museum  
PO Box 3300  
S. Brisbane, Qld 4101  
AUSTRALIA

## II International Symposium on Lithographic Limestones

Cuenca - Spain  
July 12-15, 1995

Expanded abstract deadline: Jan. 31/1995.

Contact: Bernardo P. Pérez-Moreno  
Unidad de Paleontología, Facultad de Ciencias, Universidad  
Autónoma de Madrid, Cantoblanco, 28049-Madrid, Spain.

FAX 34-1-2978344