

# *The Compleat Mesoangler*

A newsletter About Mesozoic Fishes

Volume 2, Number 2

December 15, 1995

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## Mesozoic Fishes On The Net!

Mesozoic fishes live again on the new Mesozoic Fishes Home Page. The World-Wide-Web part of the Net will increasingly be the place for announcements, exchanging data, and generally keeping in touch. Of course, not everyone has WWW access yet, so this newsletter still has an important role.

See the announcement on page 2 of this issue for more details. By all means, try it out if you have World-Wide-Web access, contribute something to its contents, and please bring any problems to our attention.

The address of the home page, to be entered in your Web browser, should be on one line with no spaces between the characters:

<http://gause.biology.ualberta.ca/wilson.hp/mesofish.html>



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## Mesozoic Fish Tales: News from Readers

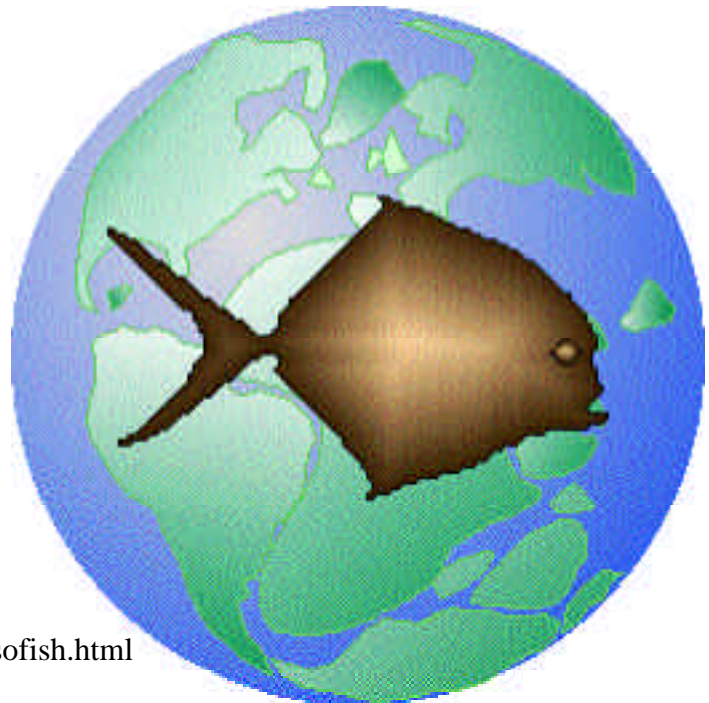
**Fishman, Susan E.**, Dept. of Geosciences, Sternberg Memorial Museum, Fort Hays State University, Hays, Kansas 67601 USA

*Current research:* Interested in Cretaceous fishes. Currently working on a project concerning the stratigraphic record of the genus *Enchodus*.

**Kemp, Anne**, Dept. of anatomy, University of Queensland, St. Lucia, Queensland 4072, Australia

*email:* anakemp@dingo.cc.uq.oz.au

*Current research:* I've been busy lately



*The Mesozoic Fishes Home Page uses this graphic. To see it in colour, get on the World Wide Web.*

doing lungfish stuff, and working with Bob Nicoll on conodonts. Most of my recent publications have been on Recent matters, or Palaeozoic. I gave a lecture on our conodont work to the Senckenberg Institute in Frankfurt.

**Lucas, Spencer**, New Mexico Museum of Natural History and Science, 1801 Mountain Rd. NW, Albuquerque, NM 87104 USA.

*Phone:* 1-505-841-8837

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*Current research:* Mesozoic vertebrate paleontology including faunas and stratigraphy.



*Kenshu Shimada, graduate student at University of Illinois (Chicago Circle) with his poster on Cretaceous shark anatomy at SVP, Pittsburgh*

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G. Arratia & G. Viohl, eds.

## Mesozoic Fishes: Systematics and Paleoecology

Proceedings of the First International Meeting,  
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# FISH NET

There is now a  
*Mesozoic Fishes*  
*Home Page*

on the

## World Wide Web!

Its address is:

<http://gause.biology.ualberta.ca/wilson.hp/mesofish.html>

From there, you can link to other sites related to fossil fishes and vertebrate paleontology, including the Paleozoic Microvertebrates page and various societies and museums.

To have a link to your personal home page or your museum's home page added to the Mesozoic Fishes page, send us its address.

**Mishra, V. P.**, Palaeontology Laboratory, Geological Survey of India, Sector E, Aliganj, Lucknow 226020, INDIA

Phone: 0522-77056

*Current research:* Mesozoic fishes of India including Triassic fishes from the Himalayas.

**Schultze, Hans-Peter, (& Gloria Arratia)**, Institut für Paläontologie, Museum für

Naturkunde der Humboldt-Universität zu Berlin,  
Invalidenstraße 43, D-10115 Berlin

Phone: 030 2897 2864

Fax: 030 2897 2868. (still no email yet)

Current research: **1.**) A *Vinctifer* specimen swam into my office. The collector thought it was a crocodile, a small one of course. It seemed to me that it would not take too much time to describe it on the slide, so I did. The specimen is not well preserved. On the other hand, the paleogeography became interesting by discussion with the geologists who found the specimen in Colombia. We prefer a connection

of the Brazilian basins with northern South America through the fledgling South Atlantic in contrast to Moody & Maisey (1994) who connect them over the continent. In any case, *Vinctifer* is not a Gondwana element.

See also announcement on this page about the proposed 1997 meeting.

**da Silva, Valéria G.** Departamento de Biologia Animal e Vegetal, Instituto de Biologia, Rua São Francisco Xavier, 524 - 20550-013 Maracaña, Rio de Janeiro, RJ, BRASIL

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e-mail: gallo@vmesa.verj.br

Current research: (1.) Mesozoic fishes: systematics and paleoecology; (2.) New Cretaceous/Paleocene fish remains from Pernambuco State, NE Brazil.

**Taverne, Louis P.**, Université Libre de Bruxelles, Faculte des Sciences, Département de Biologie animale, Laboratoire de Morphologie fonctionnelle (C.P. 160/11), Avenue F. D. Roosevelt 50, B-1050 Brussels, BELGIUM

Current research: (1.) the Lower Cretaceous teleost *Pachythrissops vectensis*; (2.) the Upper Cretaceous teleost *Histiothrissa*; (3.) the Upper Cretaceous teleost *Idrissia jubae*. Publications on these subjects are in progress or already in press.

**Tintori, Andrea**, Dipartimento di Science Della Terra, Via Mangiangalli, 34, I-20133 Milano, Italy.

e-mail: palvert@hp825.gp.terra.unimi.it

Current research: (1.) Recently collected Permo-Carboniferous vertebrates in Sardinia and a large reptile at the Endenn (Zogno) site in northern Italy. (2.) Began excavations at the Trebiciano lower Paleocene site with colleagues from Monfalcone, finding more than 100 fishes in four or five species.

**Turner, Susan**, Australian Research Fellow, Co-Leader IGCP 328, Queensland Museum, P.O. Box 3300, South Brisbane, Queensland 4101,

Phone: 61 7 3840 7677

Fax: 61 7 3846 1918.

email: S.Turner@mailbox.uq.oz.au

Current research: Gave a poster on Triassic marine microvertebrates from the Northwest Shelf of Australia at the 43rd VP & CA meeting in Newcastle upon Tyne. Meeting up with Chris Duffin and Detlev Thies again gave an opportunity to look over SEM photos of

## Second Meeting:

### Mesozoic Fishes - Fossil Record & Systematics

July 7 - 10, 1997

Bucknow, near Berlin, Germany

Buckow is a small village outside Berlin. There is a meeting place with inexpensive accommodations. The whole group will be together during the meeting, and people could enjoy the area around (lake and forest). Arrival on July 6, 1997 and departure either on July 10, 1997 at night or July 11, 1997 in the morning.

We may also plan a one day trip to Liassic fish localities in Northern Germany before or after the meeting, which is scheduled just before the Vertebrate Morphology meeting in Bristol.

Please respond to these questions:

1. Is the date acceptable: YES NO (WHY?)
2. Have you interest in an excursion to Liassic localities in Northern Germany? YES, NO, AFTER THE MEETING? BEFORE THE MEETING?

Please respond to:

Drs. Gloria Arratia or H.-P. Schultze

Institut für Paläontologie

Museum für Naturkunde der H.U.B.

Invalidenstraße 43

D-10115 Berlin, Germany

Triassic material from Italy found by conodont worker Claudia Spalletta. Chris and Sue also plan a joint paper on new Triassic fish remains from Pakistan.

At the VIIIth E/L Vertebrates meeting in Paris Sue and Andrea Tintori decided to cooperate on new Early Triassic fish from the Crater, Rewan looking at new *Saurichthys* skull material and scales as well as a new form - more perhaps at the Berlin meeting in 1997! ■

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## Squish Fisch Fiche: Recent Publications

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**Arratia, G. 1994.** Phylogenetic and paleogeographic relationships of the varasichthyid group (Teleostei) from the Late Jurassic of Central and South America. *Revista Geologica de Chile*, **21**(1) : 119-165.

**Arratia, G. 1995.** Temporal sequence and morphological variation in Jurassic fishes of southern Germany. *Ediciones de la Universidad Autónoma de Madrid, II International symposium on Lithographic limestones, Extended Abstracts* : 15-18.



### *The Compleat Mesoangler*

is edited and published by Mark V. H. Wilson. *TCM* is mailed to 123 People in 20 Countries. To join the list or to update your entry, submit a Mesozoic Fish Tales item:

- research interests, address changes
- news from lab or reports of fieldwork
- meeting announcements
- hints or questions on techniques or specimens
- photos of Mesozoic fish, localities, field parties, meetings, researchers, etc.
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- publications (since 1992, not listed before; reprints are greatly appreciated)

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University of Alberta  
Edmonton, Alberta T6G 2E9  
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Optional Contribution to defray expenses of production and mailing: \$5. U.S. per year.

**Averianov, A., & Popov, E. 1995.** A new species of chimaeroid fish from the Upper Cretaceous of the Saratov region, Russia. *Palaeontol.*, **38**(3) : 659-664.

**Fedorov, P. V., & L. A. Nessonov. 1994.** *Ostatki Ranneurskikh Riv i Droogikh Organiemov ie Oeernikh Otlojeniy Oorochischa Sogooti (Issik-Koovskayah Vpadina, Kirgizsgan). Vestnik Sankt-Peterboorgskogo Oonversiteta Geologiya Geografiya Vvipoosk*, **7** : 3-12.

*(Left:) J.D. Stewart (Los Angeles, USA) and Valéria da Silva (Rio de Janeiro, Brazil) at the 1995 SVP meetings in Pittsburgh, PA*



*Louis Taverne (L) and Dirk Nolf (R) in Brussels*

**Jin, J. 1991.** The Royal Tyrrell Museum of Palaeontology pp. 21-28. *IN: A field guide to the Paleontology of Southwestern Canada.* Smith, Paul L. (editor). The first Canadian Paleontology conference. University of British Columbia. Vancouver, British Columbia, Canada. 257 pp.

**Kemp, A. 1994.** Possible pathology in the snout and lower jaw of a Chinese Devonian dipnoan, *Sorbitorhynchus deleaskitus* (Osteichthyes: Dipnoi). *Journal of Vertebrate Paleontology*. **14**: 453-458

— **1994.** Disease in developing eggs and embryos of *Neoceratodus forsteri*. (Osteichthyes: Dipnoi). *Copeia*, **1994**: 435-443.

— **1995.** Marginal tooth bearing bones in the lower jaw of the Recent Australian lungfish, *Neoceratodus forsteri* (Osteichthyes: Dipnoi). *Journal of Morphology*, **225** :1-11.

— **1995.** Threatened fishes of the world: *Neoceratodus forsteri* (Krefft 1870) (Neoceratodontidae). *Environmental Biology of Fishes*, **43**:310.

— **1995.** Triassic lungfish from Gondwana. *In: Mesozoic Fishes: Systematics and Paleoecology. Proceedings of the First International Meeting, Eichstatt 1993.* Verlag Dr. Friedrich Pfeil: Munchen.

— **& R.S. Nicoll. 1995.** Histology and histochemistry of conodont elements. *Modern Geology*. 1995: 1-16.

— **& R.S. Nicoll. 1995.** Protochordate affinities of conodonts. *Courier Forsch. - Inst. Senckenberghiana*, **182**:235-245.

**Lambers, P. H., & Boekschoten, G. J. 1995.** Fish remains from the Aptian near Bentheim, Germany. *Geologie en Mijnbouw*, **74** : 35-41.

**Poyato-Ariza, F. J. 1994.** A new Early Cretaceous gonorynchiform fish (Teleostei: Ostariophysii) from Las Hoyas (Cuenca, Spain). *Occasional Papers, Museum of Natural History, University of Kansas*, **164**: 1-37.

— **1995.** *Ichthyemidion*, a new genus for the elopiform fish “*Anaethalion*” *vidali*, from the Early Cretaceous of Spain: phylogenetic comments. *C.R. Acad. Sci de Paris*, **320**: 133-139.

— **& S. Wenz. 1993.** *Naiathaelon okkidion* n.g., n. sp. (Teleostei, Elopomorpha) from the Early Tithonian of Canjuers (Var, France). *Géobios, Mémoire Spécial*, **16**:157-166.

**Schultze, H.-P. 1994.** Comparison of hypotheses on the relationships of sarcopterygians. *Syst. Biol.*, **43**: 155-173.

— **& D. Stöhr. (submitted).** *Vinctifer* aus der Unterkreide (oberes Aptium) von Kolumbien.

**Taverne, L. 1994.** Ostéologie et affinités du téléostéen crétacique *Elopopsis microdon* (Pisces, Crossognathiformes, Pachyrhizodontidae). *Biol. Jaarb. Dodonaea*, **61**, (1993):172-192.

— **1995.** Révision de *Paravinciguerria praecursor* Arambourg, 1954, téléostéen salmoniforme du Crétacé de la Mésogée eurafricaine. *Biol. Jaarb. Dodonaea*, **62**, (1994): 56-69.

— **(in press).** Description de l'appareil de Weber du téléostéen Crétacé de la Mésogée eurafricaine. *Biol. Jaarb. Dodonaea*, **62**, (1994): 56-69.

— **(in press).** Révision de *Tingitanichthys heterodon* (Arambourg, 1954) nov. gen. (Teleostei, Pachyrhizodontoidei) du Crétacé supérieur marin du Maroc. *Biol. Jaarb. Dodonaea*.

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**Thies, D. 1995.** Placoid scales (Chondrichthyes: Elasmobranchii) from the Late Jurassic (Kimmeridgian) of Northern Germany. *J. Vertebr. Paleontol.*, **15**(3): 463-481.

**Thomson, K. S. 1995.** Fossil Fish. book review of: The Rise of Fishes: 500 million years of evolution. by John A. Long. John Hopkins University Press. 1995. *Nature*, **376**(6540): 478.

**Wenz, S., & F. J. Poyato Ariza. 1994.** Les Actinoptérygiens juvéniles du Crétacé inférieur du Montsech et de Las Hoyas (Espagne). *Géobios, Mémoire Spécial*, **16**: 203-212. ■



*Model of hybodont chases model of ammonite in a display at the Musée d'Histoire Naturelle et de Géologie, Lille, France*