

The Compleat Mesoangler

A Newsletter About Mesozoic Fishes

Volume 5, Number 2

December 31, 1998

Announcements

The Third European Workshop on Vertebrate Palaeontology was organized in Maastricht from May 6-9, 1998, with nine sessions of presentations mainly on dinosaurs but also on fish (including microvertebrates), birds and mammals, one poster session and a field trip to the type Maastrichtian and the K/T boundary section at the Geulhemmerberg.

At the opening Niels Bonde (Copenhagen, Denmark) spoke in commemoration of Colin Patterson. The eight fish presentations were by Paul Lambers (Groningen, the Netherlands): Crushing teeth of fishes from the Maastrichtian type area, southern Limburg, the Netherlands; Michel Martin (Boulogne, France): African lepidosirenids (Dipnoi) during the Mesozoic and Cenozoic, with the description of a new species of *Lavacadotus* from the Eocene of Mali; Jo Vergoossen (Groningen, the Netherlands): late Silurian fish microfossils from OEvedskloster, Skane, southern Sweden; Jan Rees (Lund, Sweden): Sharks from the early Jurassic Hasle Formation, Bornholm, Denmark; Alexander Mudroch (Hannover, Germany): Fish

faunas from Upper Jurassic marine sediments of the Boulonnais, Nord-Pas de Calais, France; Kenny Monsch (Bristol, UK): Possible implications of fossil taxa for the phylogeny of scombroids (Teleostei); Lionel Cavin (Esperaza, France): A new Cretaceous fish fauna from southern Morocco. Niels Bonde: Tiny acanthomorph fishes of the marine Mo-clay (Paleocene/Eocene, Denmark), and the problems of using phylogenetic relationships for estimating palaeoecology.

The poster session included a poster on placoid scales of little known late Jurassic sharks by Armin Leidner (Hannover, Germany). Pro-

gramme and Abstracts, and Field Guide were edited by John W.M. Jagt *et al.*, Natuurhistorisch Museum Maastricht, de Bosquetplein 6-7, the Netherlands. E-mail: mail@nhmmaastricht.nl
Jo Vergoossen

Conodont listserver

Just a short message to announce the launch of con-nexus, a listserver

providing a forum for the rapid exchange of ideas and information concerning conodonts and conodont related research. For more information, check the con-nexus website at: <http://www.le.ac.uk/geology/map2/con-nexus/>



con-nexus.html

To subscribe to con-nexus send the following message to listserv@le.ac.uk

subscribe con-nexus xxxx@xxxx.xx.xx

(where xxxx@xxxx.xx.xx is your e-mail address)

con-nexus is associated with the Pander Society website, hosted by the University of Leicester.

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The Bob Savage Memorial Fund

Bob Savage established a fund in 1992 to assist students from Bristol to attend palaeontology conferences. Before he died, he asked that the proceeds from sales of his scientific books and papers should also be placed in that fund, and that its aims should be broadened to allow support of a wider range of student activity, including expeditions and field work.

We are happy to accept cheques in Bob's memory, payable to 'The University of Bristol', and in any currency (although preferably £Sterling, U.S.A. \$, or Eurocheques).

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The
Mesozoic Fishes
Home Page
on the
World Wide Web

is at:

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

Add a link to your personal home page, your museum's home page, or to a file that you are allowing others to download by sending us its WWW name and address.

Mesozoic Fish Tales: News from Readers

New Members:

Doug Nelson, 1405 Centaur Village Ct.,
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Associations: Department Associate, Earth Sciences Dept., Denver Museum of Natural History and partner Paleontological Investigations (a private company dedicated to the study and mitigation of Paleontological Resources on

public and private lands). Interests: The vertebrate fauna of the Western Interior Seaway. Currently working on a rich macro and micro fauna of the Juana Lopez Mb. of the Carlile Fm (Turonian) south of Colorado Springs, CO. I could use some help as to the i.d.'s of some of my specimens - the elasmobranchs are OK but I'm having some problems with isolated fish teeth. Also, as part of the same project, we have some interesting fish parts from the Smoky Hill Member of the Niobrara Fm.

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Interests: My first love and fascination for vertebrate morphology came in articulating reptile skeletons for display and teaching purposes as an undergraduate. Willy Bemis led me away from the "dark side", and showed me the need for good morphological studies of fishes (though I guess you never do completely forget your first love). I am interested in variation of the skeleton that may be found within a species. In particular, I have been working with shortnose sturgeon, *Acipenser brevirostrum*, from western Massachusetts. I am currently working on my Ph.D. at Univ. Massachusetts on the anatomy of basal teleost fishes, with the bulk of my work centered on the anatomy of *Hiodon*, including skeletal, muscular and nervous system anatomy. I have become a firm believer in the complementary relationship that exists between paleontology and neontology; that studies on living groups are necessary to understand fossils better, and in turn, fossils may help us understand the living world better.

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Squish Fisch Fiche: Recent Publications

Anderson, M. E. 1998. A Late Cretaceous (Maastrichtian) galaxiid fish from South Africa. J.L.B. Smith Institute of Ichthyology Special Publication **60**:1-12.

Arratia, G., and Chorn, J. 1998. A new primitive acanthomorph fish from the Greenhorn Formation (Late Cretaceous) of Nebraska. Journal of Vertebrate Paleontology **18**(2):301-314.

Benveniste, L. M. 1998. Phylogenetic systematics of *Gymnarchus* (Notopteroidei) with notes on *Petrocephalus* (Mormyridae) of the Osteoglossomorpha. Master of Arts in Biology, City College of New York, 1-88 pp.

Cuny, G. 1995. Évolution des faunes de vertébrés à la limite Trias-Jurassique: apports de la Lorraine. Bulletin de la Société belge de Géologie **104** (1-2):55-65.

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Gottfried, M. D., and Krause, D. W. 1998. First record of gars (Lepisosteidae, Actinopterygii) on Madagascar: Late Cretaceous remains from the Mahajanga Basin. *Journal of Vertebrate Paleontology* **18** (2):275-279.

The Compleat Mesoangler

is edited and published by Mark V. H. Wilson. *TCM* is mailed to 140 People in 21 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.
- employment & grad school opportunities available or needed
- publications (since 1992, not listed before; reprints are greatly appreciated)

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Next Deadline March 31, 1999

Optional contribution to defray expenses of production and mailing: \$5. U.S. per year.

Gottfried, M. D., L. L. Randriamiarimanana, J. A. Rabarsion, and D. W. Krause. 1998. Late Cretaceous fish from Madagascar: implications for Gondwanan biogeography. *Journal of African Earth Sciences* **27**(1A):91-92.

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Soler-Gijón, R., and López-Martínez, N. 1997.

ANSWERS TO CLIP-ART QUIZ (see page 6)

A - *Eusphenopteron*; B - *Harpagofututor*;
C - *Dunkleosteus*; D - *Hemicyclaspis*; E -
Falcatus; F - *Bothriolepis*; G - *Climacodus*;
H - *Aellopos*.

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Giacimenti Terziari di Bolca. Museo Civico di Storia Naturale, Verona **7**:67-158.

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Zinsmeister, W. J. 1998. Discovery of fish mortality horizon at the K-T Boundary on Seymour island: re-evaluation of events at the end of the Cretaceous. *Journal of Paleontology* **72**(3):556-571. ■

Fossil Fish Clip-Art Quiz

Fossil fishes have finally hit the big time - they've made it into clip-art collections for desktop publishing. Unfortunately, resemblances to the real fossils are slight. If you thought identifying real fossils was difficult, just try to

identify the genera to which these clip-art fossil fishes purportedly belong. Then, turn to page 5 to find out whether you agree with the publishers of Corel Gallery 2. By the way, they're in the section called "dinosaur" on that CD. ■

