

The Compleat Mesoangler

A Newsletter About Mesozoic Fishes

Volume 4, Number 1

April 27, 1997

Buckow Meeting, July 6-11, 1997

by Gloria Arratia

We are happy to announce that we have received very interesting abstracts, most of which deal with new information; therefore, we expect that the meeting will have important news.

Contributions on Holocephali and Elasmobranchii cover different aspects.

For instance:

B. J. Stahl will speak about Mesozoic holocephalians;

A. Cione will introduce the audience to the first Jurassic ray from South America and, in addition, he will present an overview of the Mesozoic record of the group in South America;

A. Leidner & D. Thies will present a catalogue for the identification of micro remains of elasmobranchs from the Late Jurassic of Europe;



and R. Mertiniene will present her results on the microstructure of teeth of Cretaceous elasmobranchs.

Contributions on actinopterygians cover a variety of aspects such as morphology, phylogeny, and biogeography. For instance:

J. R. Nursall will report on the anatomy of pycnodontiforms and on new aspects of the

Although the abstract deadline has passed, it is still possible to register to attend the meeting. See the announcement inside this newsletter for contact information.

family Mesturidae;

J. Waschkewitz & D. Thies will discuss the phylogenetic position of the Semionotiformes (Osteichthyes, Actinopterygii);

S. Wenz will introduce us to a new semionotid fish from the early Cretaceous of Gadoufaoua (Niger) and will comment on its phylogenetic importance; and

R. Hitchin (United Kingdom) will speak about the radiation of 'holosteans'.

Several contributions will deal with the actinopterygian caudal skeleton, for instance:

W. E. Bemis & L. Grande will present their results on the caudal fin of *Polyodon* and will comment on the evolution of the actinopterygian tails;

G. Arratia & A. Tintori will introduce the audience to the interesting caudal skeleton of the Triassic neopterygian *Prohalecites* and the interpretation of ural neural arches and uroneurals; and

P. M. Brito will discuss the caudal skeleton of aspidorhynchids and its phylogenetic implications.

Concerning more advanced actinopterygians:

G. Arratia will discuss the monophyly of Teleostei and stem-group teleosts;

G. Arratia & G. Viohl, eds.

Mesozoic Fishes: Systematics and Paleoecology

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Li Guo-qing & Mark V. H. Wilson will speak about early evolution of Hiodontiformes in East Asia;

Zhang Jiang-Yong & Jin Fan will present their results on the phylogenetic position of the osteoglossomorph *Tongxinichthys* from the Early Cretaceous of China;

Chang Mee-mann will introduce us to Cretaceous salmoniforms from China; and

M. V. H. Wilson & A. Murray will discuss the contributions of fossils to the phylogenetic relationships of percopsiform fishes.

Other papers deal with phylogenies and biogeography: For instance:

L. Grande & W. Bemis will discuss the biogeography, stratigraphy, and paleoecology of halecomorph fishes; and

T. Grande will present her results about the biogeography of gonorynchiform fishes.

There are also a few presentations on new taxa. Examples are:

a new teleost from the Late Cretaceous of North America (C. Fielitz, J. D. Stewart & J. Wiffen); and,

a new genus of Saurodontidae from the Upper Cretaceous of the western Interior of North America (J. D. Stewart)

We will also have information on the fossil fish record of different regions, such as:

the Spanish Mesozoic record of osteichthyan fishes (F. Poyato-Ariza & J. Cartanya-Marti);

the Middle Triassic marine fish faunas from Switzerland (T. Bärgin);

the Kalkschieferzone (uppermost Ladinian) of Ca' del Frate of N Italy (C. Lombardo);

the Upper Cretaceous Deccan volcanic-sedimen-

On July 5-6, in the same hotel as the Mesozoic Fishes meeting, there will be a two-day meeting of IGCP 406 on Biological and Geological Significance of Circum-Arctic Palaeozoic Vertebrates. People with interests in both the Palaeozoic and the Mesozoic are invited to attend both meetings. E-mail contact: mark.wilson@ualberta.ca.

tary sequences of peninsular India (G. V. R. Prasad);

the freshwater fish fauna from the Triassic of Central Asia, Southern Kirghizia, Madygean area (E. K. Sytchevskaya); and

the freshwater fish faunas of the Cretaceous of

Siberia and Mongolia (E. K. Sytchevskaya).

Evening activities, between 20 and 21 hrs., include slide shows of:

(1) some Triassic localities of Italy;

(2) Jurassic localities in the Atacama desert in Chile;

(3) the Jurassic locality of Cerin in France;

(4) new Jurassic localities in southern Germany;

(5) Las Hoyas, an Early Cretaceous locality from Spain; and

(6) certain Cretaceous localities in Argentina. ■

Second Meeting: Mesozoic Fishes - Fossil Record & Systematics

July 6 - 11, 1997

Buckow, near Berlin, Germany

Buckow is a small village outside Berlin. The meeting will take place at a hotel in the village.

The whole group will be together during the meeting, and people can 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.

A one day trip to Liassic fish localities in Northern Germany is planned for July 11.

For information:

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Mesozoic Fish Tales: News from Readers

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Current Research: I started my Ph.D. on pycnodontiform fishes with special references to jaws and dentitions under the leadership of Hans-Peter Schultze and Bernard Krebs. Other work in progress: 1) Microvertebrate remains from the early Bathonian of southern France (with O.W.M. Rauhut, Bristol, and U. Gloy, Berlin); 2) Early Coniacian sharks from north-

western Germany; 3) Neoselachians from the early Kimmeridgian of Portugal; 4) Neoselachians from the Late Jurassic and early Barremian of northeastern Spain; 5) Hybodontiform sharks from the Early Cretaceous of Spain; 6) Study on biomineralization and ultrastructure of elasmobranch egg capsules together with Dr. R. Kohring (Berlin) is in progress.

WEGMUELLER, Juerg, Talackerstraße 71, CH-3604 Thun, Switzerland

I am an amateur who is interested in fossil and living elasmobranchs, and am a member of the American Elasmobranch Society. ■

Squish Fisch Fiche: Recent Publications

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Carvalho, M. R. de 1996. Higher-level elasmobranch phylogeny, basal squalians, and paraphyly. Chapter 3. pp. 35-62 *In:* M. L. J. Stiassny, L. R. Parenti and G. D. Johnson (ed.), Interrelationships of Fishes. Academic Press, San Diego, California. 496 pp.

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is edited and published by Mark V. H. Wilson. *TCM* is mailed to 128 People in 21 Countries. To join the list or to update your entry, submit a Mesozoic Fish Tales item:

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- meeting announcements
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- 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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Symposium on Fish Paleontology

at the Ninth International Congress of European Ichthyologists

August 24-30, 1997

Trieste, Italy

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First Announcement

International Symposium:

**Palaeodiversifications:
Land and Sea Compared**

July 6-8, 1998

Lyon, France

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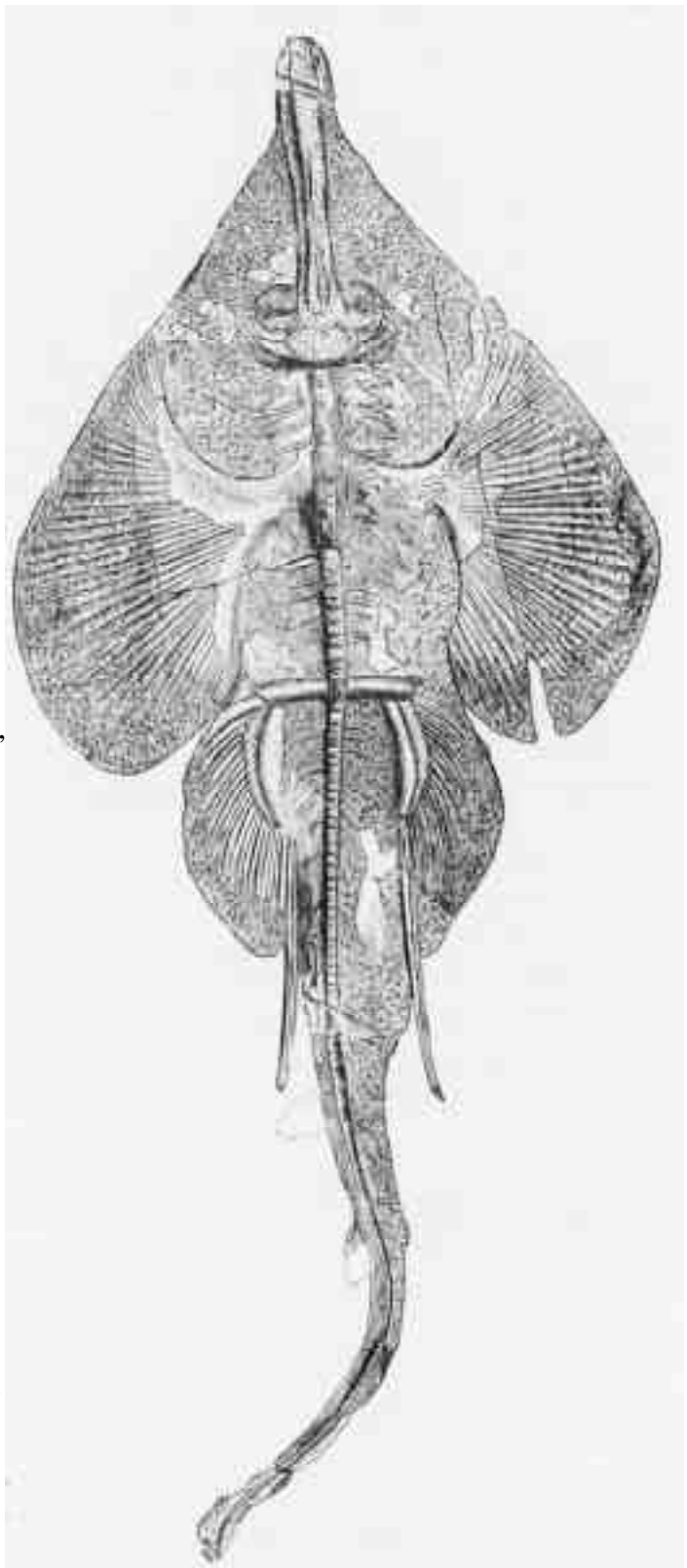
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Aellopos as figured in Eastman's 1902 translation of Zittel's "Textbook of Palaeontology"

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