

The Compleat Mesoangler

A Newsletter About Mesozoic Fishes

Volume 6, Number 2

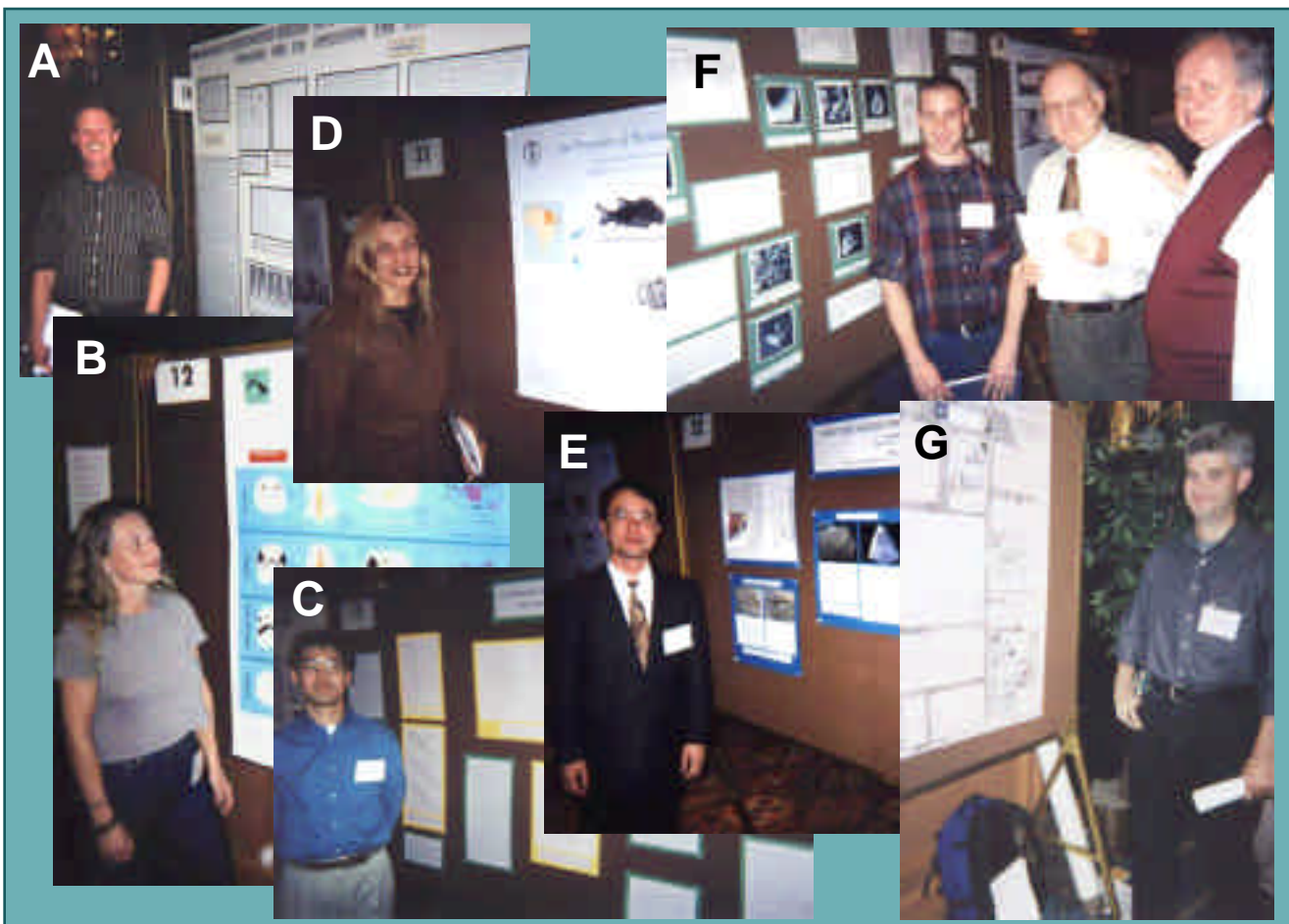
December 31, 1999

MesoFish Posters Accompany Fish Heads Symposium at SVP '99



Thanks partly to the Fish Heads Symposium organized by Gloria Arratia and Lance Grande, an unusually large number of people who study Mesozoic Fishes presented talks and posters at this year's Society of Vertebrate Paleontology

meetings in Denver, Colorado, USA. Some of these people are featured in the images below. ■



A. J.D. Stewart; B. Kathrin Dietze; C. Kenshu Shimada; D. Valéria Gallo; E. Yoshitaka Yabumoto; F. Josh Trapani with Jerry Smith and Hans-Peter Schultze; G. Jürgen Kriwet.

Mesozoic Fish Tales:

News from Readers

New Addresses/News:

Fielitz, Christopher, Department of Ichthyology, American Museum of Natural History, Central Park West at 79th Street, New York, NY 10024-5192, USA

Phone: 1-212-496-3669

Johns, Marji, Pacific PaleoQuest, P.O. Box 220, Brentwood Bay, BC, V8M 1R3, Canada

News: About two years ago, I left the Geological Survey of Canada to start my own business - Pacific PaleoQuest. Through Chris Barnes and the University of Victoria, I have been working on a two year project in northeastern BC (Trutch map area), partly supported by NSERC, LITHOPROBE/SNORCLE, GSC Vancouver, and the GSC's Central Foreland NATMAP project (Calgary). The project is an extension of my Triassic thesis work in the Halfway River map area (south of Trutch). I have just completed a second year of fieldwork in Trutch where Mike Orchard (conodont expert, GSC, Vancouver) and I made good microfossil collections. It was a real team effort with help from the GSC-Calgary mappers and a variety of student assistants. Mike is refining his excellent Triassic conodont biostratigraphy. I am working on 1) Triassic ichthyolith biostratigraphy, 2) thermal maturation studies, and 3) correlation between abundant ichthyolith beds, lag deposits, and transgressive/regressive events (mainly in the Charlie Lake, Baldonnel, and Pardonet formations NE B.C. (Carnian and Norian)). We plan to publish by late 2000.

Kirkland, James I., Utah Geological Survey, P.O. Box 146100, Salt Lake City, UT, 84114-6100, USA

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The

Mesozoic Fishes

Home Page

on the

World Wide Web

is at:

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

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

New design for the web site:

The Mesozoic Fishes Home Page was re-designed this year. Let us know if you experience problems with it. You can now submit [membership/news items](#) and [publication citations](#) via web forms.

News: I recently took over Dave Gillette's old job as State Paleontologist for Utah.

Kemp, Anne R., Center for Microscopy and Microanalysis, University of Queensland, St. Lucia, Queensland 4072, Australia

Phone: 61 7 3365 1889

Fax: 61.7.3365 1775

E-mail: a.kemp@mailbox.uq.edu.au

News: I have a research fellowship and have moved to a new department within the University of Queensland, the Center for Microscopy and Microanalysis.

Book at Special Price:

Long, Dr. John, Curator of Vertebrate Palaeontology, Western Australian Museum, Francis St., Perth, Western Australia 6000, Australia

Phone: (08) 9427 2757

Fax: (08) 9427 2882

E-mail: long@museum.wa.gov.au

Special: "Palaeozoic Vertebrate Biostratigraphy and Biogeography" edited by J. Long, Johns Hopkins University Press (1994, 369pp, softback). The regular retail price for this book is \$45 U (= \$60 Aus), but I can now offer it for one third the price - \$15 (plus another \$5 for postage, packaging). To order, send an international money order made out to John Long in equivalent Australian dollars - \$28Au. Sorry, no personal cheques can be accepted.

New members:

Breglia, S., Laboratorio de Paleontologia de Vertebrados, Dto. de Geologia, FCEyN, UBA, Pabellon II, Ciudad Universitaria, 1428 - Buenos Aires, Argentina

Phone: 54-11-4572-8085

E-mail: sbreglia@cpel.uba.ar

Interests: I am working in Triassic fishes from Argentina, especially with the stem-group of the neopterygians.

Campbell, Robert, Department of Geology and Geophysics, The University of Western Australia, Nedlands, W.A., 6907, Australia

Phone: +61 8 9380 3474

Fax: +61 8 9380 1037

Email: rcampbel@geol.uwa.edu.au

Interests: I am studying for a Ph.D. at the University of Western Australia in Perth. The focus of my study is Cretaceous foraminiferal and calcareous nannofossil micropalaeontology of the Bonaparte Basin in northern Australia. During the study I have become increasingly interested in the rare but consistent occurrences of shark scales and small teeth within the foraminiferal sand residues. I have also recovered microscopic shark scales and teeth from the late Aptian Wallumbilla Formation of the

Eromanga Basin, Queensland, Australia; the Cenomanian - Turonian Alinga Formation of the southern Carnarvon Basin, Western Australia, and the Late Santonian - Early

Campanian Gingin Chalk of the Perth Basin, Western Australia.

I would like to hear from workers who have studied microscopic Cretaceous shark scales and teeth, and would be grateful for reprints.

Doherty, Kristiaan James, 2425 Cromwell Circle Apt 1501, Austin, Texas 78741, USA

E-mail: Kajoran@Yahoo.com

Interests: I am interested in all facets of the shallow seas ecosystems of the late Jurassic and early Cretaceous Periods.

Dutheil, Didier B., Laboratoire de Paléontologie, 8, rue Buffon, F-75005 Paris, France

Phone: 33 1 40 79 30 48

Fax: 33 1 40 79 35 80

E-mail: dutheil@mnhn.fr

Interests: Freshwater fish fauna from Gondwana, especially from Africa.

Ekrt, Boris, Department of Paleontology of Charles University in Prague, Albertov 6, 128 43 PRAHA, Czech Republic

Email: ekrtb@natur.cuni.cz

Interests: I am student of paleontology at Charles University in Prague, studying fossil fishes from a Czech Cretaceous basin. Dr. M. Gayet suggested that I ask you for the Compleat Mesoangler. [He'll be grateful for relevant references and reprints.]

Francesco, Salfi, Via Popilia Lotto B, 87100 Cosenza, Italy.

Phone: 0984/481294

E-mail: santosal@tin.it

Interests: I am a geologist with a special interest in several fields of the Mesozoic Era.

Frias-Torres, Sarah, Dynamac, DYN-2, Fish Ecology Lab, Kennedy Space Center, Florida 32899, USA

Phone: 1 (407) 476-4116

Fax: 1 (407) 853-2939

E-mail: sfrias@fit.edu

Interests: I am interested in fish evolution.

Geerts, M., Burg. Heynenstraat 11, 6071 GK
Swalmen, The Netherlands

Phone: 00 31 475 502015

E-mail: mgeerts.plex.nl

Interests: I am primarily interested in the early
history of the Teleostei.

Hoffmann, Walter, Kiefernstraße 2, 55743 Idar-
Oberstein, Germany

Phone: 06781/28897

E-mail: walhoff@hotmail.de

Interests: sharks and their relatives.

Lu Liwu, National Geological Museum of
China, Xisi, Beijing 100034, P. R. China

Phone: 86-010-66165566 ext 8729

E-mail: lulw@163.net

Interests: Jurassic and Cretaceous fishes,
especially Chondrostei.

Mudroch, Alexander, Boecklinplatz 4, D-
30177 Hannover, Germany

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hannover.de

WWW: [http://www.unics.uni-hannover.de/
igp/mudroch.htm](http://www.unics.uni-hannover.de/igp/mudroch.htm)

Interests: The main topic of my work is
paleoecology of fishes, emphasizing Mesozoic
microvertebrate remains. Besides my taxonomic
work (mainly on tooth morphologies and denti-
tion patterns in Mesozoic actinopt), I try to
collect as much information as possible from
isolated teeth concerning the fossil environment
in which the fish lived (mainly geochemical
methods). The sediments I sampled in recent
years are mainly of Late Jurassic age, but I plan
to expand to other ages in the near future (Ger-
man Muschelkalk, Lower and Upper Cretaceous
of Germany). Apart from my work on
microvertebrate faunal assemblages, I am
interested as well in articulated specimens of

The Compleat Mesoangler

is edited and published by Mark V. H. Wilson.
TCM is mailed to more than 190 people in 25
Countries. To join the list or to update your
entry, submit a Mesozoic Fish Tales item:

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- meeting announcements
- hints or questions on techniques or specimens
- photos of Mesozoic fishes, localities, field parties,
meetings, researchers, etc.
- employment & grad school opportunities available
or needed
- publications (since 1992, not listed before; reprints
are greatly appreciated)

Send to:

- e-mail: mark.wilson@ualberta.ca
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Edmonton, Alberta T6G 2E9
CANADA

Next Deadline March 31, 2000

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

basal halecomorphs and pycnodonts.

I recently finished a poster on the dentition of
Dapedium Leach 1822 (Semionotidae) together
with Dominique Delsate (Luxemburg) and
Annette Herzog (Zurich), followed by a paper in
preparation. Our small working group in
Hannover (with D. Thies, A. Leidner and M.
Buchwald) is still busy with taxonomic work on
the Late Jurassic microvertebrates from North-
ern Germany and France. The material we have
is vast and we were recently able to get a reef
fish fauna from the Coral Rag (Lower
Oxfordian) of Northern Germany. We finished a
research report for the last 8 years of funding.
Some papers lie ahead.

Müller, Prof. Arnold, Universität Leipzig,
Institut für Geophysik und Geologie, Talstraße

35, D-04103 Leipzig, Germany

Phone: 0341 9732805

Fax: 0341 9732809

E-mail: gmueller@rz.uni-leipzig.de

Interests: Mesozoic and Cenozoic sharks' teeth and fish otoliths.

Murad, Mohamed, Gulf Petroleum Co., PO Box 13321, Khartoum, Sudan

Phone: 249-11-230008

E-mail: mamurad_98@yahoo.com

Interests: Freshwater fishes(lakes & rivers).

Mutter, Raoul J., Palaeontologisches Institut und Museum der Universitaet Zurich, Karl Schmid-Str. 4, CH-8006 Zurich, Switzerland

Phone: ++41 1 634 23 45; +1 312 76 12

Fax: ++41 1 634 49 23; +1 634 23 45

E-mail: rmutter@pim.unizh.ch

Interests: Triassic fishes. My Ph.D. project is on Perleidiformes.

Seeling, Jens, Geologisch-Paläontologisches Institut, Im Neuenheimer Feld 234, D-69120 Heidelberg, Germany

Phone: ++49-6221-544866

E-mail: Jens.Seeling@urz.uni-heidelberg.de

Interests: I am interested in Cretaceous fishes, in particular of the South Atlantic (e.g., Brazil, western Africa).

Underwood, Charlie J., Department of Earth Sciences, University of Liverpool, Brownlow Street, Liverpool L69 3BX, UK

Phone: (0151) 427 3540

E-mail: cju@liv.ac.uk

Interests: I have been working on the neoselachians of the British Jurassic and Early Cretaceous, especially the teeth from the Early Cretaceous of the North Sea Basin.

Von Linden, Dennis, 250 Colonial Ave., Union, New Jersey 07083 USA

Fax: 1-908-820-6891

E-mail: fossilboys@aol.com

Interests: I have a degree in geology and paleontology is my hobby.

Ward, Joe, 14 Brooks Ave., Nesconse, New York 11767 USA

Phone: 1 (516) 724-5687

E-mail: darwinsdog@yahoo.com

Interests: I am interested in phylogenetics of otophysan fishes, especially siluroids.

Requests for help:

Pereira, Ricardo, Faculdade de Ciências da Universidade de Lisboa, Geology, Campo Grande, Ed. C2 5 Piso, Lisbon, 1700, Portugal

E-mail: rpereira@fc.ul.pt

WWWeb: <http://correio.cc.fc.ul.pt/~rpereira>

I am working on Jurassic charophytes from Portugal and have found some good fossils of fish teeth and lizards (I suppose). I would like to know if there is a major publication or article that could help me to understand these fossils. If so, could you send the references by e-mail to the above address. ■

Squish Fisch Fiche: Recent Publications

Armstrong-Hall, J.G. 1999. Amiid and pycnodontid remains in the Cretaceous fauna of Missouri. *J. Vert. Paleontol.*, **19**(3S): 30A.

Arratia, G. 1999. Teleostean head and teleostean synapomorphies. *J. Vert. Paleontol.*, **19**(3S): 30A.

Brito, P.M. 1999. The jaw articulation in Aspidorhynchidae (Actinopterygii: Halecostomi): phylogenetic implications. *J. Vert. Paleontol.*, **19**(3S): 33A.

Burris, J.H. 1999. Reworked Cretaceous elasmobranch teeth and provenance of the Paleocene Hanna Formation. *J. Vert. Paleontol.*, **19**(3S): 34A-35A.

Cumbaa, S.L. 1999. Paleocological implications of a marine bonebed fauna from the Late Cretaceous (Cenomanian) of Saskatchewan, Canada. *J. Vert. Paleontol.*, **19**(3S): 40A.

Cumbaa, S.L., & Tokaryk, T.T. 1999. Recent

Discoveries of Cretaceous Marine Vertebrates on the Eastern margins of the Western interior seaway. *In*: Summary of Investigations from 1999, Vol. 1, Saskatchewan Geol. Survey, Sask. Energy Mines, Misc. Rep. 99-4.1, 1: 58-63.

Davis, S.P., & Martill, D.M. 1999. The gonorynchiform fish *Dastilbe* from the Lower Cretaceous of Brazil. *Palaeontology*, **42**(4): 715-740.

Everhart, M.J. 1999. Evidence of feeding on mosasaurs by the Late Cretaceous lamniform shark, *Cretoxyrhina mantelli*. *J. Vert. Paleontol.*, **19**(3S): 43A.

Fielitz, C. 1999. Character evolution of suspensorium teeth in fossil and living aulopiform fishes. *J. Vert. Paleontol.*, **19**(3S): 44A.

Fielitz, C., Stewart, J.D., & Wiffen, J. 1999. *Aethocephalichthys hyainarhinus* n. gen. and n. sp., a new and enigmatic Late Cretaceous actinopterygian from North America and New Zealand. pp. 95-106. *In*: Arratia, G., & Schultze, H.-P. (eds). *Mesozoic Fishes 2 - Systematics and Fossil Record*. Verlag Dr. Friedrich Pfeil, Munich, Germany. 604pp.

Figueiredo, F.J., & Gallo, V. 1999. First occurrence of *Rhabdichthys cf. ferox* (Teleostei: Enchodontoidea) in the Upper Cretaceous of Pelotas Basin, Southern Brazil. *J. Vert. Paleontol.*, **19**(3S): 44A.

Gallo, V. 1999. An overview of Western Gondwana Mesozoic semionotids. *J. Vert. Paleontol.*, **19**(3S): 46A.

Goto, M., Y. Date, & Kano, M. 1999. On two teeth of *Chlamydoselachus* sp. from the Upper Cretaceous in Yubari City, Hokkaido and Kaiduka city, Osaka Prefecture, Japan. Abstracts of the 1999 Annual Meeting of the Palaeontological Society of Japan, Vol. **275**: 20.

Goto, M., & Kimura, M. 1998. A summary of elasmobranch remains from Hokkaido, Japan. *Journal of Fossil Research* Volume **31**(1): 1-6.

Gottfried, M.D. 1999. Fossil shark vertebral centra: an overlooked data set? *J. Vert.*

Paleontol., **19**(3S): 47A.

Grande, L. 1999. Phylogenetic, ontogenetic and individual variation in primitive Actinopterygian head morphology. *J. Vert. Paleontol.*, **19**(3S): 48A.

Grande, L., & Grande, T. (In press). A new species of †*Notogoneus* (Teleostei: Gonorynchidae) from the Upper Cretaceous Two Medicine formation of Montana, and the poor Cretaceous record of freshwater fishes from North America. *Journal of Vertebrate Paleontology*, **19**(4): 34 ms pp.

Grande, T. 1999. Distribution patterns and historical biogeography of gonorynchiform fishes (Teleostei: Ostariophysii). pp. 425-444. *In*: Arratia, G., & Schultze, H.-P. (eds). *Mesozoic Fishes 2 - Systematics and Fossil Record*. Verlag Dr. Friedrich Pfeil, Munich, Germany. 604pp.

Grande, T. 1999. Evolutionary head patterns of Ostariophysan teleosts. *J. Vert. Paleontol.*, **19**(3S): 48A.

Hilton, E.J. 1999. Post-larval ontogeny of the skull of *Hiodon* (Teleostei; Osteoglossomorpha). *J. Vert. Paleontol.*, **19**(3S): 51A.

Hooks, G.E., III, , Schwimmer, D.R., & Williams, D. 1999. Synonymy of the pycnodont *Phacodus punctatus* Dixon, 1850, and its occurrence in the Late Cretaceous. *J. Vert. Paleontol.*, **19**(3): 588-590.

Johns, M.J. 1999. Regional thermal maturation patterns and biostratigraphy based on Triassic ichthyoliths, Trutch (94G) and Halfway River (94B) map areas, northeastern British Columbia (G.S.C. Central Foreland Project). *Canadian Soc. Petrol. Geologists, Abstract 99-560*: 1-2.

Johns, M.J. 1999. British Columbia Triassic fishes: geological setting and research progress. *Third British Columbia Paleontological Symposium, May 1999 Abstracts*, p. 21.

Johns, M.J., Barnes, C.R., & Orchard, M. J. 1999. Progress on Triassic ichthyolith biostratigraphy and regional thermal-maturation studies, Trutch and Halfway map areas, northeastern British Columbia. *Current Res. 1999-A*;

Geol. Survey Canada, Paper 1999-A: 51-59.

Johns, M. J., Barnes, C. R., & Orchard, M. J. 1999. Tectono-stratigraphic framework of Triassic strata, northeastern British Columbia: ichthyolith biostratigraphy and regional thermal maturation studies. Spring 1999 Lithoprobe Snorcle Report, U.S. summary report, February 3, 1999: 1-5.

Kriwet, J. 1997. Beitrag zur Kenntnis der Fischfauna des Oberjura (unteres Kimmeridgium) der Kohlengrube Guimarota bei Leiria, Middle-Portugal: 2. Neoselachii (Pisces, Elasmobranchii). Berliner geowiss., Abh. E25: 293-301.

Kriwet, J. 1997. Pycnodontid fishes from the Upper Barremian (Lower Cretaceous) of Uña (Cuenca Province, E-Spain). p. 23 *In:* G. Arratia and H.-P. Schultze (organizers), Second International Meeting, Mesozoic Fishes - Systematics and the Fossil Record. Institut für Paläontologie, Museum für Naturkunde der Humboldt Universität zu Berlin, Buckow, Germany.

Kriwet, J. 1997. Fish remains from the Lower Barremian (Lower Cretaceous) of the Central Iberian Range, NE-Spain. p. 24 *In:* G. Arratia and H.-P. Schultze (organizers), Second International Meeting, Mesozoic Fishes - Systematics and the Fossil Record. Institut für Paläontologie, Museum für Naturkunde der Humboldt Universität zu Berlin, Buckow, Germany.

Kriwet, J. 1998. Palaeobiogeography and palaeoecology of sclerorhynchid sawfishes (Chondrichthyes, Rajiformes). Comunicación de las XIV Jornadas de Paleontología, Paleontología y medioambiente Tenerife, Octubre 1998: 95-97.

Kriwet, J. 1999. Neoselachier (Pisces, Elasmobranchii) aus der Unterkreide (unteres Barremium) von Galve und Alcaine (Spanien, Provinz Teruel). *Palaeo Ichthyologica*, **9**:113-42.

Kriwet, J. 1999. *Ptychotrygon geyeri* n. sp. (Chondrichthyes, Rajiformes) from the Utrillas Formation (upper Albian) of the central Iberian Ranges (East-Spain). *Profil*, **16**: 337-346.

Kriwet, J. 1999. Evolutionary trends in the cranial anatomy of pycnodont fishes (Neopterygii, Pycnodontiformes). *J. Vert. Paleontol.*, **19**(3S): 57A.

Kriwet, J., & Oppermann, K. 1997. First articulated shark remains (Neoselachii, Lamniformes, Anacoracidae) from the Late Cretaceous of Spain. *J. Vert. Paleontol.* **17**(3S): 58A.

Kriwet, J., Rauhut, W.M., & Gloy, U. 1997. Microvertebrate remains (Pisces, Archosauria) from the Middle Jurassic (Bathonian) of southern France. *N. Jb. Geol. Paläont. Abh.* **206**(1): 1-28.

Kriwet, J., & Schultze, H.-P. 1998. Distribution of epicontinental fishes in the German Triassic. *Hallesches Jahrbuch für Geowissenschaften, Reihe B: Geologie, Paläontologie, Mineralogie*, **5**: 100-101.

Lillegraven, J.A., & Eberle, J.J. 1999. Vertebrate faunal changes through Lancia and Puercan time in southern Wyoming. *J. Paleontol.*, **73**(4): 691-710.

Lombardo, C. 1999. Sexual dimorphism in a new species of the actinopterygian *Peltopleurus* from the Triassic of northern Italy. *Palaeontology*, **42**(4): 741-760.

Martill, D.M., Frey, E., Caceras, R.P., & Diaz, G.C. 1999. The giant pachycormid *Leedsichthys* (Actinopterygii) in the Southern Hemisphere: further evidence for a Jurassic Atlanto-Pacific marine faunal province. *N. Jb. Geol. Paläont. Mh.*, **1999**(4): 243-256.

Meunier, F. J., and Zylberberg, L. 1997. The structure of the outer components of the scales of *Latimeria chalumnae* (Sarcopterygii: Actinistia: Coelacanthidae) revisited using scanning and transmission electron microscopy. pp. 109-116. *In:* a. S. Séret B., J.-Y. (ed.) Proc. 5th Indo-Pac. Fish Conf. Paris: Soc. Fr. Ichtyol., 1999, Nouméa, 1997.

Mutter, R.J., 1998. Tooth variability and reconstruction of dentition in *Acrodus* sp. (Chondrichthyes, Selachii, Hybodontoida) from

the Grenzbitumenzone (Middle Triassic) of Monte San Giorgio (Tessin, Switzerland). *Geol. Insubr.* **3**(1): 23-31.

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Northwood, C. 1999. Actinopterygians from the Early Triassic Arcadia Formation, Queensland, Australia. *Memoirs of the Queensland Museum*, **43**(2): 787-796.

Patchett, P.J., Ross, G.M., & Gleason, J.D. 1999. Continental drainage in North America during the Phanerozoic from Nd Isotopes. *Science*, **283**: 671-673.

Reis, R.E. 1998. Systematics, biogeography, and the fossil record of the Callichthyidae: a review of the available data. pp. 351-362. *In*: L.R. Malabarba, R.E. Reis, R.P. Vari, Z.M. Lucena and C.A.S. Lucena (eds.), *Phylogeny and classification of neotropical fishes*. Edipucrs. 603 pp., Porto Alegre.

Sageman, B.B., & Bina, C.R. 1997. Diversity and species abundance patterns in Late Cenomanian Black shale Biofacies, Western Interior, U.S. *Palaeos*, **12**: 449-466.

Schultze, H.-P. 1999. The homologization of head bones in fishes. *J. Vert. Paleontol.*, **19**(3S): 73A-74A.

Schwimmer, D.R., Stewart, J.D., & Williams, D. 1994. Giant fossil coelacanths from the Late Cretaceous in the eastern United States. *Geology*, **22**: 503-506.

Schwimmer, D.R., Stewart, J.D., & Williams, G.D. 1997. Scavenging by sharks of the genus *Squalicorax* in the Late Cretaceous of North America. *Palaios*, **12**(1): 71-83.

Shimada, K. 1999. Contribution of dental characters to elucidate the phylogeny of Lamniform sharks. *J. Vert. Paleontol.*, **19**(3S): 75A-76A.

Signore, M. 1999. The Pietrarroia Plattenkalk: new and old findings. *J. Vert. Paleontol.*, **19**(3S): 76A.

Stewart, J.D. 1999. A new genus of Saurodontidae (Teleostei: Ichthyodectiformes) from Upper Cretaceous rocks of the Western Interior of North America. pp. 335-360. *In*: Arratia, G., & Schultze, H.-P. (eds). *Mesozoic Fishes 2 - Systematics and Fossil Record*. Verlag Dr. Friedrich Pfeil, Munich, Germany. 604pp.

Stewart, J.D., & Bell, G.L. 1994. North America's oldest mosasaurs are teleosts. *Los Angeles County Museum of Natural History Contributions in Science*, **441**: 1-9.

Stewart, J.D., & Martin, J.E. 1993. Late Cretaceous selachians and associated marine vertebrates from the Dakota Rose Granite Quarry, Grant County, South Dakota. *Proc. South Dakota Acad. Science*, **72**: 241-248.

Underwood, C.J., & Mitchell, S.F. 1999. Albian and Cenomanian selachian assemblages from North-East England. *Special Papers in Palaeontology*, **60**: 9-59.

Underwood, C.J., Mitchell, S.F., & Veltkamp, C.J. 1999. Microborings in mid-Cretaceous fish teeth. *Proceedings of the Yorkshire Geological Society*, **52**(3): 269-274.

Uyeno, T., Goto, M., & Tanaka, T., (editors). 1998. Newsletter for Fossil Shark Tooth Research. 7-11. *The Japanese Club for Fossil Shark Tooth Research*, **7**: 1-10, **8**: 1-8, **9**: 1-8, **10**: 1-10, **11**: 1-12 ■

Mesozoic Fishes III (2001)

Systematics and Evolution of Paleoenvironments

Serpiano, Switzerland

Meeting Organizers:

Andrea Tintori <andrea.tintori@unimi.it>

Markus Felber

Toni Bürgin <t.buergin@bluewin.ch>