

M.A.P.S *Digest*

Official Publication of
Mid-America Paleontology Society

Volume 15 Number 5
May, 1992



MARK YOUR CALENDARS

18 JUL	THE CLEVELAND MUSEUM OF NATURAL HISTORY FOSSIL SOCIETY 10TH ANNIVERSARY, CLEVELAND, OH.
	Professional and amateur lectures, displays and demonstrations; tour museum.
23 JUL 24 25	1992 COMBINED AFMS & MWF SHOW, BRUNSWICK HIGH SCHOOL, RTE 303, BRUNSWICK, OH. (Includes fossils.)
	Contact: Rose Blue, 16155 Shumer Rd., Strongsville, OH 44136
19 AUG 20 21 22 23	LOST DUTCHMAN GEMBOREE, LEBANON, PA Fossil Day, Aug. 21: lectures and demonstrations emphasize paleontology. Dealers offer specials on fossil specimens.
	Contact: Gemboree, 217 Neven St., Lancaster, Pa 17603 (717)392-6825

2 OCT	9th ANNUAL BVFS FLORIDA FOSSIL FAIR: "ICE AGE MAMMALS OF FLORIDA, WINTER HAVEN COMPLEX
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	210 Cypress Gardens Blvd., S.E. corner of Cypress gardens Blvd., & U.S. 17.
	Fri.--10 am to 7 pm Sat.--9 am to 7 pm Lecture at 3 pm by Dave Letasi Auction around the clock Sun.--9 am to 5 pm
	Contact: Eric S. Kendrew 4436 Tevalo Drive Valrico, FL 33594-7343 813/681-4350 or Marcia Kehler, 813/644-3778

31 OCT 1 NOV 2	FOSSILMANIA X, OAKDALE PARK, GLEN ROSE, TX
	Fri.--10 am to 6 pm Sat.-- 9 am to 6 pm Sun.-- 9 am to 2 pm
	More info and application in next issue.
	Contact: Kenneth Smith, 8449 Sweetwater Drive, Dallas, TX 75228

***** 92/05 DUES ARE DUE *****

Are your dues due? You can tell by checking your mailing label. The top line gives the expiration date in the form of year followed by month--92/05 means 1992/May. Dues cover the issue of the *Digest* for the month in which they expire.

We do not send notices but will let you know if you are overdue by highlighting your mailing label on your *Digest*. We carry overdues for two months before dropping them from our mailing list.

Please include your **due date** and **name exactly as it appears on your mailing label**--or include a label.

Dues are \$15 per U.S./Canadian household per year. Overseas members may choose the \$15 fee to receive the *Digest* by surface mail or a \$25 fee to receive it by air mail. Library/Institution fee is \$25.

Make checks payable to MAPS and mail to:
Sharon Sonneleitner, Treas.
4800 Sunset Dr. SW
Cedar Rapids, IA 52404

ABOUT THE COVER

This month's cover, sent by John Perencevic, Milwaukee, Wisconsin, depicts three views of a large *Bumastus* trilobite John found in 1987. The pictures are actual size and were photocopied on a Kodak copier. See pages 4-5 for the story.

15 APR 1993 16 17	MAPS NATIONAL FOSSIL EXPOSITION XV--EXTINCT ECHINODERMS
	Fri., Apr. 15: 8am - 6pm Sat., Apr. 16: 8am - 5pm (Business meeting and auction following) Sun., Apr. 17: 8am - 3pm

****The next *Digest* will be the Summer edition, which will be mailed around the middle of July.**

EXPO EXPENSES

EXPO XIV - MOLLUSCS

EXPO XIV proved to be another successful show for all in attendance. Members who registered came from 22 states, Germany, Italy, England and Canada. There were many excellent displays, and show tables filled the ballroom and extended out into the hall.

Thanks to the many people who helped run EXPO--including the Board, Gil Norris, Allyn Adams, Doug DeRosear, JoAnn Good, Paul Rechten, Tom Witherspoon, Maggie Kahrs, Toni Verdi, Sharon & Theresa Sonnleitner, Jim Konecny, Tom & Peggy Walsh, Jim Brubaker, Gerry Norris, Alberta & Bud Cray, Bob Guenther, John Catalani, David Cassel, Mary Lou Pojeta, and Marv Houg.

John Pojeta, from the U.S. Geological Society, Washington, D.C., (not from the Smithsonian as printed earlier--sorry), gave the keynote address, "Early Molluscan Evolution as Shown by Fossils," Friday evening. His presentation of the recently revised classification of molluscs drew lots of interest and discussion. John's wife, Mary Lou, represented the Paleontology Society, and in her "spare time," helped stuff the EXPO mailing. Both were a delightful addition to the show.

At the business meeting Saturday night, President Marv Houg presented two awards: the President's Award went to Maggie Kahrs for her work as Editor of the EXPO *Digest* for the past three years, and the Don Good Award went to Sharon Sonnleitner for her work as Editor of the regular *Digest* and as Treasurer since 1988.

The business meeting was followed by the always-lively live auction. Jim Konecny and Maggie Kahrs served as auctioneers while Marv Houg and Ken Smith assisted. There were lots of good specimens and lots of bidders to go with them.

Sunday morning's workshop by Bruce Stinchcomb capped off another excellent EXPO.

And now it's time to start thinking about next year. The theme is "Extinct Echinoderms." Maggie Kahrs will again edit the EXPO edition of the *Digest*, so if you want to contribute an article, contact her.

The following are some statistics from EXPO:

- The cost of printing 750 *Digests* was \$4278.72.
- 775 Directories cost \$1880.47.
- Envelopes for the mailing cost \$64.86.
- Cost of mailing EXPO *Digest* packets was \$542.38.
- There were 631 paid members at the start of EXPO.
- 708 *Digests* were mailed or given out at EXPO, including about 50 to EXPO authors.
- Cost for the Ballroom, security and food was \$1299.30.
- Cards advertising next year's show cost \$75.88.

When we checked into moving to the University of Iowa last year, we found the cost prohibitive because of a per-table charge that totaled about \$10,000. That was in addition to room rental, security, food and other incidentals.

FROM THE PALEONTOLOGICAL SOCIETY

The following is another response to MAPS's donation to the Paleontological Society's scholarship fund.

Dear Sharon:

I'm sending my appreciation to you and members of the Mid America Paleontological Society on behalf of The Paleontological Society for the generous donation of \$500 for a scholarship award. We greatly appreciate your support of young paleontologists who are undertaking research. This award provides considerable stimulus and encouragement to graduate students.

Sincerely,
June R. P. Ross
Treasurer

BYU DINOSAUR POSTER ADDRESS

The March *Digest* carried a coupon for ordering dinosaur posters from Brigham Young University. The address, which was omitted, is:

Earth Science Museum
Brigham Young University
Provo, UT 84602

MISSING FOSSILS

Two fossils were lost at EXPO. Both were *Mesosaurus brasiliensis* and were about 2 1/2' x 8". If you have any information about them, please call Richard Heimlich at 313-647-9076.

PALEONTOLOGY AND REGULATIONS: THE NATIONAL ACADEMY OF SCIENCES

by John Pojeta, Jr.

(Sent by the author from PALAIOS, vol. 3, no. 2, April, 1988, Leo Laporte, ed.)

Paleontologists are highly individualistic; in any discussion we have more opinions than participants. All agree, however, that paleontology is based on specimens. Consequently, the report of the National Academy of Sciences Committee on Guidelines for *Paleontological Collecting* touches the soul of paleontology, because it provides guidance to land managers who control access to public lands.

Because paleontologists are unaccustomed to working in large groups or to reaching consensus, the report is a first for United States paleontology; it is a policy document from a committee that included representatives of all factions--four vertebrate paleontologists, three invertebrate paleontologists, a paleobotanist, a geological administrator, two geological businessmen, and two lawyers--who work for museums, universities, state and federal geological surveys, a coal company, and a business that sells fossils. They were chosen because their backgrounds would provide different points-of-view; they did not represent organizations or societies.

The urgency of the NAS Committee's task was underscored by developments among land managers, including: 1) placing paleontology under regulations designed for archeology; 2) rules potentially restricting university field camps, paleontological collecting trips, stratigraphical studies, non-paleontological studies using data from fossils, and activities of extractive industries; and 3) protection for fossils, which resulted in the arrests of a university professor and an amateur.

A sample of the range of ideas presented to the NAS Committee included: 1) free access for everyone to all lands to collect fossils; 2) absolute protection for fossils, including "every mammal tooth on every ant hill;" 3) protection of all type sections and type localities; 4) stopping the collection of sedimentary rocks, as they might contain microfossils; 5) prohibition of fossil collecting because part of the wilderness experience includes

the weathering of fossils; 6) requirement of 34 pages of rules and forms to obtain a collecting permit from one part of one of the 60+ federal land-managing agencies; 7) arrest of anyone without a collecting permit; 8) discontinuance of federal paleontological permits because there were only 24 applicants in fiscal year 1986; 9) objection to delegating paleontologists' right of access to land to bureaucrats who confuse paleontology with archeology; 10) "inventory, mitigation, and salvage of fossils" are good, as they provide contracts, employ students, and may turn up something interesting; 11) "inventory, mitigation, and salvage" of fossils are bad, because they are done with no scientific purpose in mind, and because contracts to do these are grants without peer review; and 12) that the only good commercial collector is dead or in jail.

The report contains 10 unanimous recommendations. On October 25, 1987, the Council of Paleontological Society unanimously endorsed the NAS report. On October 23, 1987, the Business Meeting of the Society of Vertebrate Paleontology decisively rejected the report; however, an unknown number of persons abstained.

The committee addressed two major concerns of vertebrate paleontologists first in the report's unequivocal statement, "Commercial collecting of fossils from the public lands should be regulated..."(p.24). Secondly, the committee opposes blanket inventories, stating that "The land is innocent of paleontological significance until a paleontologist demonstrates otherwise" (p.21), because inventories need a scientific rationale beyond the mere hope for discovery. In a strong statement of principle (p.2), the Committee asserted that land managers should facilitate scientists' access to fossils.

As a consensus document, the report creates a special dynamic, because it deals with the diversity of the profession of paleontology, and thus reflects what is possible in a universe of conflicting interests. The report will not solve every

special need, nor will it prevent unscrupulous collectors from poaching fossils; these are proper jobs for land managers.

I thoroughly agree with Frank Whitmore, a vertebrate paleontologist and friend of 24 years, who said "This report is long overdue--we should have had it 20 years ago." The report is FREE from the Board of Earth Sciences, 2102 Constitution Ave., Washington, D.C., 20418. PLEASE READ IT!

John Pojeta is a paleontologist, specializing in Paleozoic molluscs, for the U.S. Geological Survey, Washington, D.C. He has traveled widely to obtain specimens that document early molluscan phylogeny in the United States, Australia, Antarctica, New Zealand, Europe, West Africa, and China. John was a member of the National Academy of Sciences committee on Guidelines for Paleontological Collecting (1984-1987), President of the Paleontological Research Institution (1980-82), Secretary of the Paleontological Society (1982-88), and recently finished an invited lecture tour of China. He is the nominee for President-Elect of the Paleontological Society (1988-89).

(Ed. note: John has since served as President of the Paleontological Society.)

LARGE BUMASTUS TRILOBITE FOUND by John Perencevic, Milwaukee, WI

During an early spring thaw in April of 1987 I was searching around an old water-filled quarry. I noticed that the water level was down a couple of feet below normal and that the low water had exposed the top of some large rocks near the shore line. These rocks more than likely came from a long-gone quarry wall, since they lay in the sand far from any other existing rock formation.

The rock here is "Niagaran Dolomite" from the Silurian age, and it is normally very hard and not the best for extracting fossils. However, the winter ice had forced small cracks to open within some of the rocks, and I was able to break off

SEVEN GOVERNORS INVITED TO DISCUSS FOSSIL COLLECTING by John Boland

Seven Governors have been invited to a conference on fossil resources on August 24-26 in Rapid City, SD, by the Nebraska National Forest, Chadron, NE, office. Some of the agenda topics include registry, regional repository, short and long term opportunities, resources on private lands, permitting and enforcement.

Ms. Terri Liestman, an archaeologist in the Chadron NNF Office, and Dr. James Martin of the Rapids City School of Mines Museum put together the speaker roster for the three day conference. Ms. Liestman has released articles in area newspapers stating that paleontology regulation should be changed to be similar to archaeology regulations. Dr. Martin has issued letters stating that vertebrate fossils should only be collected by vertebrate paleontologists. It is no surprise that the speaker roster for the conference has no invertebrate paleontologists, amateurs, private landowners or commercial collector.

The seven governors should be informed that if they attend the conference, they will hear a one-sided viewpoint on fossil resources, or they should insist on speakers with other viewpoints. These other segments of paleontology provide larger numbers for the preservation of scientifically important fossils and contribute to each state's economy. The governors invited are:

South Dakota Governor George Mickelson
North Dakota Governor George Sinner
Nebraska Governor Ben Nelson
Montana Governor Stan Stephens
Colorado Governor Roy Romer
Kansas Governor Joan Finney
Wyoming Governor Mike Sullivan

If you live in or collect in any of these states, send your views to the governors at their state capital building. They could easily set a precedent for other states.

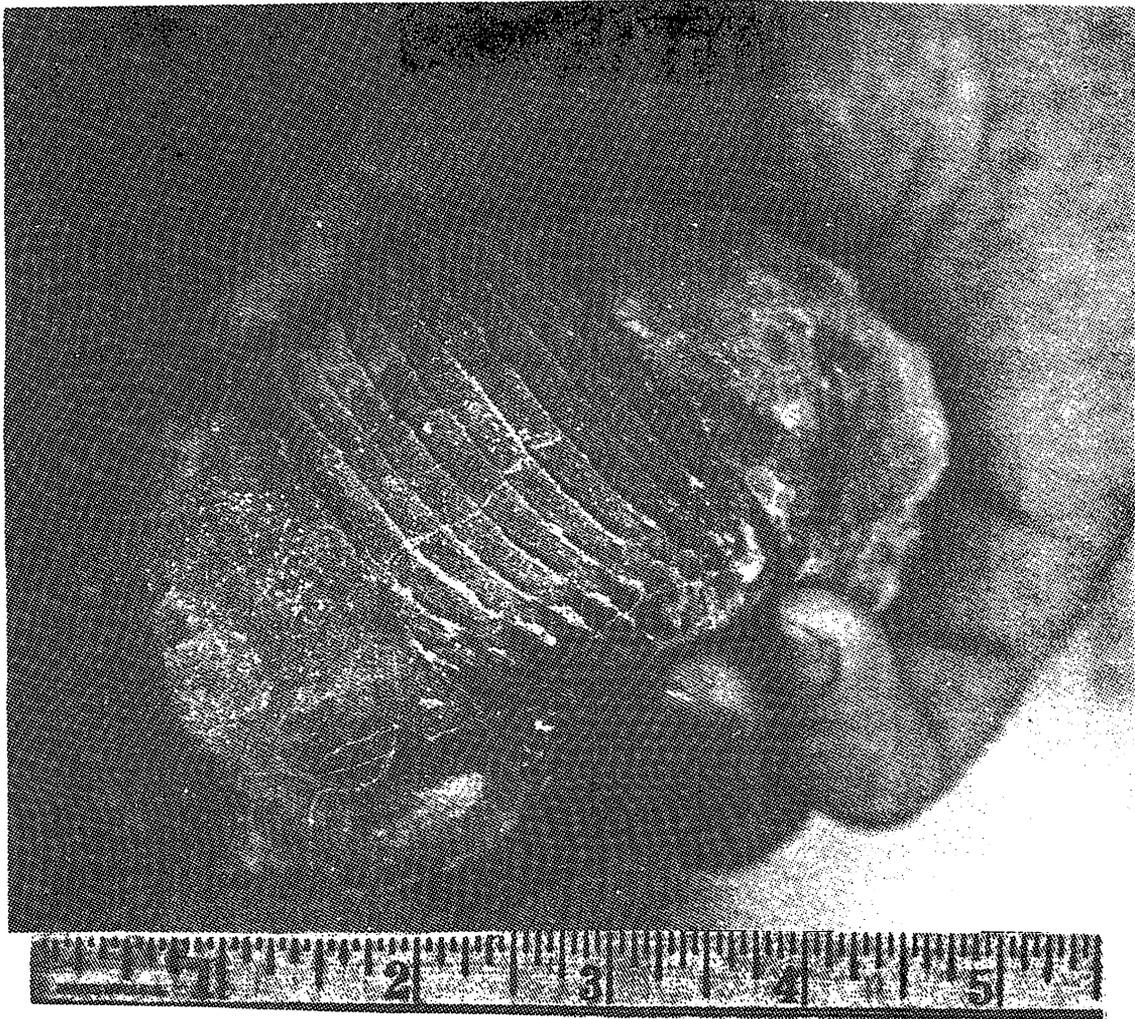
pieces with just my bare hands.

One large rock about 3 feet square lay submerged in the now shallow water at the very edge of a very deep dropoff. I

reached down to feel my way around and soon had my arm in the water up to my elbows. I felt some loose material and pulled on it. a large piece came off, but I was unable to catch it, and it fell into the dropoff. I again felt around in the same area with my now frozen fingers. I was ready to give up since my forearm was starting to get numb. As I pulled away, a small but heavy piece landed in my open hand. It literally broke off somewhere above and tumbled into my hand. I could feel the smoothness of a fossil and thought I had a section of a "cephalopod." I pulled my arm from the freezing water and was looking at the underside of this mystery rock. My lower jaw must have dropped a foot when I turned it over and saw what I was holding.

I have been collecting for over 10 years now and believe this to be a once-in-a-lifetime find. Complete Bumastus trilobites are very rare, and I consider myself extremely lucky since it could have just as easily dropped off into oblivion.

The Bumastus is 5 inches long, 3 $\frac{1}{4}$ inches wide and 1 $\frac{1}{2}$ inches in height. It is beautifully 3 dimensional and about 90% complete. Missing is a small lip-like mouth or chin under the head, $\frac{1}{3}$ of its tail and about $\frac{1}{4}$ inch of the lower thorax sections on both sides.



The picture is actual size and was photocopies on a Kodak copier.

Please **NOTE** the Following **NEW OR REJOINING MEMBERS** Who are listed in Your Directory:

<p>Terry L. Chase Allan & Jan Johnson Thomas Johnston Kenneth T. Kendrick Paul Kirkland Morrison-Reeves Lib N. Am. Fossil Collectors- NAFCA (See listing under Amateur Societies.) Brian Nelsen</p>	<p>Rick Schlereth Mark & Jane Snyder Helen Solomon Dorothy P. Sweitzer Michael Underwood Phillip Zink Steve Bromfield ENGLAND Od. Dipl. ing. Jindrich Stajnochr CZECHOSLOVAKIA</p>
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Please **ADD** the Following **NEW OR REJOINING MEMBERS** to Your Directory:

<p>Richard & Doris Ade 641 Crest Lane Lisle IL 60532 708-968-2397</p>	<p>Self-employed. Will not trade. Interested in all phases of Paleo. Member ESCONI, Downers Grove, IL. Wants to increase knowledge of Paleo.</p>
<p>Stephen Alexander 2212 Talunar Lane Wichita Falls TX 76301 817-767-2217</p>	<p>Surveyor. Will trade. Major interest vertebrates, Lower Permian, Pleistocent; also interested in early fish, plants and some invertebrates. Has for trade cast and bone frags. of L. Permian & Pleistocene. Locally collected. Wants fellowship with others with same interest & to learn more about the preservation & preparation of fossils.</p>
<p>John Ashburn, Jr. 95 Quail Hollow Naperville IL 60540 312-983-5503</p>	<p>Attorney. Will trade. Major interest trilobites & vertebrates.</p>
<p>John & Esther Avery 7621 Cecelia Dr. Chattanooga TN 37416 615-899-7061</p>	<p>Mining Engineer. Will trade. Major interest vertebrates. Has some trilobites for trade.</p>
<p>Johnnie Marie Barlow Rt. 1 Knob Noaster MO 65336 816-563-2120</p>	<p>Self-employed. Limited trade.</p>
<p>Biogenesis Roger Waterhouse 849 W. Tracy Springfield MO 65807 417-886-1390</p>	<p>3-D model maker. Will not trade. Major interest inverts./trilobites/echinoderms.</p>
<p>Jim Broadstreet 6415 Irwin Ct. Oakland CA 94609 510-654-3190</p>	<p>Teacher--5th grade. Needs all types of fossils for school science collection. Member Fossils for Fun, Sacramento, CA, Bone Valley Fossil Club, Lakeland, FL. Wants to meet other collectors; interested in preparation of fossils.</p>
<p>Connie Carpenter P.O. Box 46 Reeds Landing MN 55968</p>	

Albert J. Copley
NE Mo. State University
Kirksville MO 63501
816-785-4632

Univ. Prof. Will trade photos. Major interest photographing fossils.

Joe Devera
1500 Tina Drive
Murphyboro IL 62966
618-687-4505

Geologist. Will trade. Major interest trilobites, Penn cephalopods, trace fossils. Has for trade trace fossils *Conostichus broadheadi*.

Ralph, Diane Dirksen
Rebecca & Suzanne
24 Indian Trail Rd.
Macomb IL 61455
309-837-3493

Professor/Program Asst./students. Major interest fauna. Want to learn more about Paleo.

EASTERN MISSOURI SOCIETY FOR PALEONTOLOGY
10611 Jesskamp Dr.
Ferguson MO 63136
314-867-8392

Dr. Robert Fendrich
P.O. Box 252
East Thetford VT 05043

College Professor (psychology). Will trade. Major interest ammonites. Has Cretaceous ammonites for trade.

James Glick
4951 Glick Road
High Ridge MO 63049
314-677-1507

Cook. Member Eastern MO Soc. for Paleo.

Yale R. Goldman
4416 Osage Ave Apt C5
Philadelphia PA 19104
215-662-0236

Will trade. Major interest plants, insects, trilobites. Has for trade Penn.-ages plant material (some material from St. Clair, PA). Member Delaware Valley Paleo. Soc., Philadelphia. Wants to network with other collectors & find out about collecting localities in other parts of country.

Hal Halvorson
3512 McNair Dr.
Robbinsdale MN 55422
612-588-9023

Geology. Will trade. Major interest tracks, any type of dinosaur fossil or track. Has for trade trade tracks (cast & orig.), algae, Penn ferns, dino bone.

Michael Henderson
Burpee Museum of Nat'l Hist.
737 N. Main Street
Rockford IL 61103
815-965-3132

Paleontologist Museum Curator. Will not trade. Major interest Mazon Creek, M. Ordovician molluscs.

Gerald Hjelle
P.O. Box 31775
Oakland CA 94604
510-272-6573

Auditor. Will consider trade. Major interest vertebrates. Has for trade small collection of Pleistocene mammal fossils. Very interested in fossils.

Philip & Paulette Holler
911 Sunset Rd.
Morton IL 61550
309-263-2958

Purchasing agent. Will possibly trade. Major interest plants & sea creatures. Wants to learn more about fossils and to make his kids aware of the significance of fossils

Kim Hollrah
HC 75 Box 34-C
Chadron NE 69337
308-432-5877

Fossil hunter. Will sometimes trade. Major interest vertebrate fossils--turtles. Has misc. fossils for trade.

Martin Houdek
4606 Prairie Ave.
Brookfield IL 60513
708-387-9336

MFG engineer. Will trade. Has for trade Mason Creek. Member ESCONI.

Ralph Jewell
2225 W. Foster
Chicago IL 60625
312-334-6320

Security. Major interest Mason Creek fossils. Wants to learn more about the hobby.

Bev Johnson
108 36th Ave. SW
Cedar Rapids IA 52404
319-365-5336

Donald S. Johnson
109 W. 96 Terr
Kansas City MO 64114
816-942-303

Rock & fossil hound. Will trade. Major interest collecting, preparation, repairs. Has for trade MO, KS plants and invert. of Penn. age, sometimes Cretaceous and other. Wants to meet people with interest in fossils, learn, share info.

Dick King
P.O. Box 1141
Fairfield CT 06430
203-333-1480

Owner of an employment agency for teachers. Will not trade through mail. Major interest fish, insects, trilobites. Has for trade Green River leaves, insects & fish; trilobites. Wants to learn about new sites & to find out which shows are best for dealers

Jim & Linette Langhus
PO Box 124
Monona IA 52159
319-539-4670

Science teacher-Nat'l park ranger/Secretary. Wants to know more about fossils and have access to good specimens and enhance his teaching.

John R. Lansdowne
102 Las Huertas Rd.
Placitas NM 07043
505-867-4717

Patent Attorney. Major interest Cretaceous invertebrates. Has for trade various Cretaceous invertebrates from NM and Four Corners areas, including large ammonites; some Miss invertebrates from NM. Wants tips on collection and preparation of fossils.

Carl Lerstrom
110 S. Yorktown Rd.
Macomb IL 61455
833-1553

Retired. Will trade.

Peggy R. Ma
525 Meadow Dr.
Macomb IL 61455
309-837-3993

Science teacher. Major interest coalballs & invertebrate fossils for classroom. Does workshops for inservice teachers on "peeling" coalballs & fossil activities for classroom.

Morgan Masters
724 N. Grand
Chariton IA 52249
515-774-4461

Science instructor/Consultant. Will not trade yet. Beginner.

Betty McCoy
1103 Calhoun
Chillicothe MO 64601
816-646-1736

Science teacher. Will trade. Major interest microfossils. Has for trade washed detritus for microfossils.

Chris Miller
32 Harbor Dr.
Lk. Hopatcong NJ 07849

Accountant. Major interest vertebrate.

Merlynd Nestell
Dept. of Geology
Univ. of Texas at Arl.
Arlington TX 76019-0049
817-273-2987

Geology Professor. Will trade. Major interest microfossils, echinoderms.

Joe Daceton Pratt
BioDiversity Unlimited
Arlington IL 61721
217-705-9079

Biologist. Will trade. Major interest insects; Canidae; Hyena, amber ants. Has for trade Mason Creek material. Wants to learn more about, acquire, and trade fossils.

Dennis Reida
P.O. Box 83
Chariton IA 50049-0083
515-774-5783

Science teacher. Just starting.

John Reimann
186 Glenview
Elmhurst IL 60126
708-832-7911

Just starting.

Allan A. & Lory Scheer
W8104 CTHZ
Onalaska WI 54650

Geologist. Will trade. Major interest crinoids, ammonites, trilobites. Has for trade misc.

David T. Tegg
5813 N. Lindenwood Dr. #2512
Peoria IL 61615-3343
309-691-9375

ATM engineer. Major interest Cretaceous ceratopsians, pleisiosaurs. Wants to be kept up to date, informed of most recent finds and theories.

Doug Teramura
1026 K Rue De La Banquf
St. Louis MO 63141
314-997-6049

Research. Member Eastern MO Paleo. Soc.

Devon Vergiels
8358 Secor Rd
Lambertville MI 48144
313-856-5556

Sculptor. Member of Friends of the Univ. of Mich. Museum of Paleo., Ann Arbor.

Jacqueline S. West
End Of The Trail Rock Shop
7375 Sugargrove Rd.
Chandlersville OH 42727
614-674-4758

Auditor/Retail Rock Shop. Will trade. Has for trade Ohio fossils. Wants to obtain more information on collecting & preparing fossils to further improve her private collection and to learn about formation.

William H. White
5543 Dry Run Road
Milford OH 45150

William J. Zinsmaster
Dept of Earth & Atmos. Science
Purdue University
West Lafayette IN 47907
317-494-0779

Professor. Major interest molluscs.

Olivier Henquinet
Residence Micton
Apt 27, Ent A
12 Avenue Du Docteur Marcade
33600 Pessac FRANCE
56-45-04-94

Electronicien. Major interest gasteropodes du Tertiaire. Wants to exchange gasteropodes with "foreigners" (esp. Americans) ,

Michael Schwikert
Hebelstra B4
D 6751 Sulzbachtal 1
GERMANY

Fossil preparer.

Josef Trojan
Tuniska 633
Praha 6, CSFR
CZECHOSLOVAKIA 16000
300690

Will not trade now. Major interest trilobites.

PLEASE NOTE THE FOLLOWING CHANGES OF ADDRESS OR CORRECTIONS:

James D. Barnett
1-9 Amherst Ct.
Freehold NJ 07728
201-577-8641

Van Beall
8738 Carriage Hill Dr.
Columbia MD 21046
301-730-2254

Fossils Unlimited
Matty Swilp
205 Cavason Dr.
Summerville SC 29483

Wholesale Fossil Company--Supplier of Southeast shark teeth from 1" teeth to 6 1/2" Megaladons. Will purchase or trade for anything interesting or aesthetic. Wants well-mineralized elephant ivory & teeth, jewelry grade shark teeth. Has fish, bird, crocodile, whole and some strange small shark teeth, etc.

Steve Hess
Extinctions
303 Carlisle Ave.
York PA 17404
717-846-4111

Paleontologist. Will trade. Major interest trilobites, crinoids, cystoids, eurypterids. Member DVPS.

Allan & Jan Johnson
308 Monmouth St. S.W.
Cedar Rapids IA 52404
319-363-5419

Cleaning House Attendant--National Oats Co. Major interest Northeast Iowa.

Lyle E. & Colleen Kugler
& Family
Aledo IL 61231

Jim Merrett
Dallas TX 75209
214-358-3072

Paul George Schmidt
P.O. Box 8471
Rockford IL 61126

Tim & Margaret Sheffler
1102 Timea St.
Keokuk IA 52632-4660

ALBERTA PALAEOLOGICAL SOCIETY
PO/CP 35111 SARCEE POSTAL OUTL
CALGARY, ALBERTA
CANADA T3E 7C7

Kurt Henne
Moenchhaldenstr. 11
STUTTGART 1, GERMANY
711-2569585

Retired. Will trade. Major interest Palaeozoic fossils, especially fish. Has for trade German fossils, Bundenbach, Solnhofen, etc.

Hubert & Josee Huygens
10 Rue de l'Egalite
8319 OLM
GRAND-DUCHE de LUXEMBOURG
352/30 74 36

PLEASE NOTE THE FOLLOWING CHANGES IN SOCIETIES OR SHOWS:

ILLINOIS, CHICAGO

THE CHICAGO AREA PALEONTOLOGY SOCIETY (CAPS)

28644 Devonshire Lane, Glen Ellyn, IL 60137

Roger Bohn 708-858-2956
25644 Devonshire Lane, Glen Ellyn, IL 60137

Eugene Hartstein, Pres. 708-479-4549
17331 Highwood Dr., Orland Park, IL 60462

MEET: Second Saturday of each month unless otherwise indicated by the Newsletter...call first! Regular meetings at Illinois Benedictine College; Maple at Yackley/College Rd.; Lisle, IL; Room #138 at the Southeast corner of the Science Building.

PUBLICATION: Contact Gene Hartstein

SHOWS, SWAP-SELL, ETC.: Contact Gene Hartstein

FIELD TRIPS: Members only; however, contact Gene Hartstein for info: Membership is open, and dues are \$7 for individual, \$10 for family. (Members-only because of insurance.)

SPECIAL INTERESTS: CAPS is for the serious amateur who wants to actively participate and learn more about paleontology...WE SHARE.

(1992)

FLORIDA, GAINESVILLE

FLORIDA PALEONTOLOGICAL SOCIETY, INC. Florida State Museum,
University of Florida, Gainesville, FL 32611

S. David Webb (Curator of Vertebrate Paleontology) and
Roger Portell, Florida Museum of Natural History,
University of Florida, Gainesville, FL 32611

MEET: Annual meeting usually in October.

publication: "FPS Newsletter", Editor, Jeremy Setty
(Bimonthly). "Papers in Florida Paleontology, Editor,
Gary Morgan. \$10.00 per year.

(1992)

FLORIDA, PORT CHARLOTTE

SOUTHWEST FLORIDA FOSSIL CLUB

Mitchell Hope, President, 1428 Maple St., Nokomis, FL
34275 813-484-2369

Monique Schuchardt, Secretary, 11117 First Avenue, Punta
Gorda, FL 33955 813-637-1319

MEET: 2nd Saturday of each month at 7:00 P.M. Port Charlotte at First Federal Savings and Loan, on U.S. 41, next to Ramada Inn.

PUBLICATION: "NEWSLETTER", Editor, Roxanne Wilson, P.O. Box 1308, Arcadia, FL 33821.

FIELD TRIPS: Held periodically to regional fossiling places.

ACTIVITIES: We contribute to funding scientific publications covering current research in the field of historical geology. Sponsor a Junior fossil club. Hold raffles at meetings to raise money, and at the same time provide an opportunity for members to enhance their private collections. (1992)

INDIANA, INDIANAPOLIS

INDIANA SOCIETY OF PALEONTOLOGY (ISP), (Chapter of MAPS)
R.R. 7, Box 199 Hwy 50 E, Seymour, IN 47274

Luella Bond, Pres. 812-925-6616
1044 St. Hwy. 261, Boonville, IN 47601

Margaret Kahrs, Secretary 812-522-6093
R.R. 7, Box 199 Hwy 50 E, Seymour, IN 47274
(Send mail to Secretary, address above)

MEET: 2:30 pm, 2nd Sunday Jan., March & Nov., 1st Sunday May, Indiana State Museum, 202 N. Alabama St., Indianapolis, IN

PUBLICATION: "ISP Newsletter", Editor, Bradley S. Ream, R.R. 4 Box 70, Rockville, IN 47872

SHOW/SWAP: National Fossil Exposition XIV, April 24-26, 1992, Macomb, IL; Bloomington Show/Swap & meet June 19-21, 1992; Greenfield, IN, Show/Swap (& meet) Sept. 11-13, 1992; National Fossil Exposition XV, April 16-18, 1993, Macomb, IL

FIELD TRIPS: (Invitation Only) 4 per year (1992)

INDIANA, BLOOMINGTONPANDER SOCIETY

Department of Geology, University of Missouri - Columbia, Columbia, MO 65211

Dr. R. L. Ethington, Department of Geology, University of Missouri - Columbia, Columbia, MO 65211

MEET: Annual North American Technical meetings with open field trips are variable:
1992- Iowa City, IA
1993- Rolla, MO

PUBLICATION: "Newsletter" each January

(Note: The Pander Society, founded in 1967, has about 400 members and is an international organization of persons interested in the study of conodonts. The Society is the official working group on conodonts of the International Paleontological Society.) (1992)

BELGIUM, ANTWERP

BELGISCHE VERENIGING VOOR PALEONTOLOGIE V.Z.W. (B.V.P.)
(Belgian Association for Paleontology)

Prof. Dr. Joris F. Geys, President
Jan Moorkensstraat 24, B-2600 Berchem, Belgium

MEET: State University Center (RUCA), Dept. of Geology,
Groenenborgerlaan 171, 2020 Antwerpen; the 2nd Thursday
of every month, at 8:00 pm. Conferences.

FIELD TRIPS: 12 to 15 a year.

PUBLICATIONS: "NEWSLETTER--Spirifer" (11 issues a year)

BOOKS: Field Atlases for Belgian Fossils (2 vol.)
Guide to Ichnofossils
Fossils of Belgium
History of Life (4 vol.)

POSTER: Geological time table (Dutch and French editions)

SHOW/SWAP: Once a year. Place--Stedelijk Onderwijsinstituut
(Municipal School), Binnenstraat 157, 9300 Aalst; Date--
April 5, 1992. Yearly swap Fossils, Minerals, Shells--
(1992)

DENMARK, COPENHAGEN

INTERNATIONAL ASSOCIATION OF SEDIMENTOLOGISTS, IAS
(ASSOCIATION INTERNATIONALE DE SEDIMENTOLOGISTS, LABORATOIRE DE
PALEONTOLOGIE)

c/o the Office of the General Secretary

Professor Finn Surlyk Geologisk Institut, Oster Voldgade
10, DK-1350 Copenhagen K, Denmark.

Affiliated with International Union of Geological Sciences
(IUGS); Society of Economic Paleontologists & Mineralists

PURPOSE: To promote the study of sedimentology and the
interchange of research, particularly where
international cooperation is desirable.

MEET: Quadrennial International Sedimentological Congress 1994
in Brazil. The next annual meeting: 1992 in Germany.
(1992)

FRANCE, LYON

17th INTERNATIONAL MINERALS & FOSSILS EXHIBITION;
COMPETITIVE EXHIBITS--BEST OF SPECIES COMPETITION:

1. Vanadinite
2. Minerals from Panasqueira (Portugal)
(repas gastronomique et soiree darsarte)

DATE: 13-14-15 November 1992

PLACE: Espace Tete D'or, Lyon, France

CONTACT: Mr. Laverriere, A.S.E.M., 9 bis rue du Colombier,
69380, Chazay D'Azergues, FRANCE. Tel. (7) 843-11-28

(1992)

FRANCE, MILLAU (SOUTHERN FRANCE)

DATE: 18-19 July 1992

PLACE: Club Millavois de Geologie, B.P. 104, 12101 Millau
Cedex, France. Tel: 66-45-11-98 or 65-60-21-71

(1992)

ADVERTISING SECTION

Ads are \$5.00 per inch (6 lines x 1 column--43 spaces). Send information and checks payable to MAPS to: Mrs. Gerry Norris, 2623 34th Avenue Ct., Rock Island, IL 61201. Phone: (309) 786-6505. This space is a \$5.00 size.

To extend currently running ads, please send request and remittance to **Editor** by the 15th of the month. We do not bill. Ads do not run in the EXPO issue (April). Ads up to 8 lines by 54 spaces can be printed in smaller type to fit a 1" space.

FOSSIL AND MINERAL SHOW

Aug. 19-23, 1992, Lebanon, PA.

Sixth Annual Lost Dutchman Gembooree

At Lebanon Fairgrounds, 5 mi. north of Pa. Turnpike Exit 20 on Rt. 72. Dealers with fine quality fossils. Tailgate space, too. Collecting trips. Short courses. Lectures.

Information: Extinctions, 303 Carlisle Ave., York, PA 17404; (717) 846-4111.

INDEX FOSSILS OF NORTH AMERICA. \$65.00 postpaid. (Offer expires 6/30/92--limited supply.) We now stock Chicago Pneumatic and ARO air-powered scribes. PALEO BOOKS & PREP. SUPPLIES, PO Box 542, Hot Springs, SD 57747. 605/745-5446.

INSECT INCLUSION AMBER From the Dominican Republic. 35 Million Years Old (postpaid).
 12 Fossil Packet...\$100
 12 Smaller Fossils...\$75
 12 Mini Fossils...\$50
 12 Micro Fossils...\$30
 12 La Toca Tubes (no insects)...\$20
 12 Botanical...\$15
 12 Turdite (insect fecal debris)...\$15
ALSO INSECT INCLUSION NECKLACES
RICHARD TREXLER
 721 N.W. 14th Court
 Miami, Florida 33125
 Telephone (305) 649-9346

AUBURN CALIFORNIA Fossil Shop just off Interstate 80 Old Town. Wide variety of fossils from all over the world. Special request and trade invited. **NATURE'S ART**, 1568 Lincoln Way, Old Town Auburn, CA 95603; (916) 887-8710

FOSSIL BOOKS and fossil collection, preparation and display supplies. Over 100 paleo titles-including many state collecting guides. Air tools, flexible shaft machine, etc. Retail only. Catalog US \$2.00/Canada \$3.00. We ship only to US/Canadian addresses. **PALEO BOOKS & PREP SUPPLIES**, P.O. Box 542, Hot Springs, SD 57747. Tel 605/745-5446.

FRANCE, SAINTS MARIE-AUX-MINES, Alsace
29th EXPOSITION--BOURSE INTERNATIONALE
 The oldest and biggest Show-Bourse in France:
 Minerals, Gemstones, Fossils (large supply)
 250 Exhibitors, 10,000 visitors
DATE: 1992, Friday, 26 June, 9:00am-10:00 pm
 (Sales open to professionals).
 1992, Saturday, 27 June, Sunday, 28 June, 9:00 am-9:00pm
 (Sales open to the public).
PLACE: Sainte Marie-Aux-Mines, Alsace, Dans le theatre, Gymnasium, and exposition tents.
CONTACT: Michel Schwab, Rue de Balderheim, 32, F68110 Illzach, France. Tel. 89.57.44.33 (1992)

GERMANY, BERLIN
18th INTERNATIONALE MINERALIEN-FOSSILIEN-UND SCHNUCKBORSE
BERLIN
DATE: 6-8 November 1992
PLACE: Messe Berlin, Halle 11 am Pankturna,
CONTACT: Wolfram Pfundt, Altredler Weg 22, D-1000 Berlin 47, Germany. Tel. (030) 663 43 33
 Fax. 664 42 98
FUTURE SHOW DATES:
 6 - 8 November 1992--Internationale Mineralien-Fossilien-Schnuckbörse, Halle 15.1/16
 27, 28 March 1993--Berliner Schnuckbörse, Hallen 15.1/16
 13, 14 November 1993--Internationale Mineralien-Fossilien-Schnuckbörse, Halle 11.2
 26, 27 March 1994--Berliner Schnuckbörse, Hallen 15.1/16
 5, 6 November 1994--Internationale Mineralien-Fossilien-Schnuckbörse, Hallen 15.1/16 (1992)

GERMANY, HAMBURG
 Hamburger Mineralientage
DATE: 4-6 December 1992, 3-5 December 1993
PLACE: Messehalle/Ausstellungser-Fairs/Exhibitions
CONTACT: z. Hd. Herrn Fritz R. Mayer
 Jungiusstrasse 13
 2000 Hamburg 36
 Germany (1992)

ITALY, TORINO
20th MANIFESTAZIONE INTERNAZIONALE DI ROSEA E SCAMBIO MINERALI E FOSSILI
 (Approximately 25% Fossils)
DATE: 12, 13, 14 October 1991
PLACE: 5 Padiglione di Torino Esposizioni al Valentino Torino, ITALY
CONTACT: Anna Iglina, Via Tripoli 10/5, 10136, Torino, Italy
 1990 SHOW: 12, 13, 14 October (1991)

SWITZERLAND, LAUSANNE
BOURSE INTERNATIONALE DE MINERAUX
 (Approximately 25% Fossils)
DATE: 25-26 April 1992
PLACE: Palais de Beaulieu
CONTACT: Robert Briod, Route de Broye 1, 1008 Prilly, Switzerland Tel. 635.44.58 (1992)

The Mid-America Paleontology Society (MAPS) was formed to promote popular interest in the subject of paleontology; to encourage the proper collecting, study, preparation, and display of fossil material; and to assist other individuals, groups, and institutions interested in the various aspects of paleontology. It is a non-profit society incorporated under the laws of the State of Iowa.

Membership in MAPS is open to anyone, anywhere who is sincerely interested in fossils and the aims of the Society.

Membership fee: One year from month of payment is \$15.00 per household. Institution or Library fee is \$25.00. Overseas fee is \$15.00 with Surface Mailing of DIGESTS OR \$25.00 with Air Mailing of DIGESTS. (Payments other than those stated will be pro-rated.)

MAPS meetings are held on the 1st Saturday of each month (2nd Saturday if inclement weather). October & May meetings are scheduled field trips. The June meeting is in conjunction with the Bloomington, IN, Gem, Mineral, Fossil Show & Swap. A picnic is held the fourth weekend in July. November through April (except February) meetings are scheduled for 1 p.m. in the Science Building, Augustana College, Rock Island, Illinois. The February meeting is held at Monmouth College, Monmouth, Illinois. One annual International Fossil Exposition is held in the Spring.

MAPS official publication, MAPS DIGEST, is published 9 months of the year--October through June.

President: Marvin Houg, 3330 44th St. N.E., Cedar Rapids, IA 52402
1st Vice President: Lyle Kugler, 612 8 E. 3rd St., Aledo, IL 61231
2nd Vice President: Allyn Adams, 612 W. 51st Street, Davenport, IA 52806
Secretary: Jo Ann Good, 404 So. West 11th St., Aledo, IL 61231
Treasurer: Sharon Sonnleitner, 4800 Sunset Dr. SW, Cedar Rapids, IA 52404
Membership: Tom Walsh, 501 East 19th Avenue, Coal Valley, IL 61240



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FIRST CLASS MAIL

MID-AMERICA PALEONTOLOGY SOCIETY

Mrs. Sharon Sonnleitner
MAPS DIGEST Editor
4800 Sunset Dr. SW
Cedar Rapids, IA 52404

Dated Material - Meeting Notice