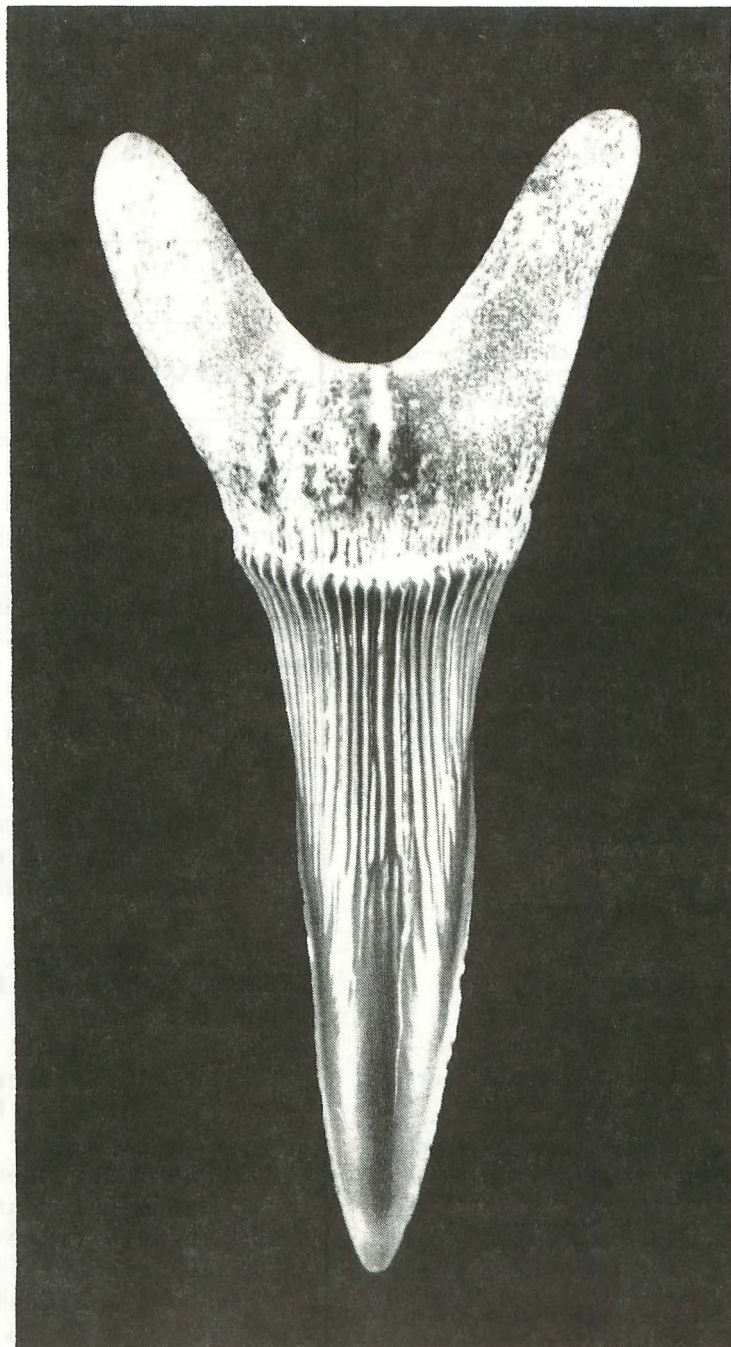


M.A.P.S. *Digest*

Official Publication of
Mid-America Paleontology Society

Volume 14 Number 7
October, 1991



MARK YOUR CALENDARS

<p>5 OCT NO MAPS MEETING WAS HELD BECAUSE most of the Board had other commitments at that time and most of the other weekends in Oct.</p>	<p>1 NOV FOSSILMANIA IX, OAKDALE PARK, 2 GLEN ROSE, TEXAS 3 Friday: 10 - 6 Saturday: 9 - 6 Sunday: 9 - noon</p>
<p>2 NOV MAPS MEETING. Augustana College, Rock Island, IL. 1:00 Board & General Meeting combined. 2:00 Program:</p>	<p>24 APR 1992 MAPS National Fossil Expo- 25 sition XIV--Mollusks 26 Table reservation forms, travel information, and motel information appear in the January issue of the <i>Digest</i>.</p>
<p>14 DEC MAPS MEETING. (NOTE CHANGE OF WEEKEND.) Augustana College, Rock Island, IL. 1:00 Board & General Meeting combined. 2:00 Program:</p>	

*** 91/09 & 91/10 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--91/09 means 1991/Sept. 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 Sonnleitner, Treas.
4800 Sunset Dr. SW
Cedar Rapids, IA 52404

ABOUT THE COVER

by: David Swann, Carrollton, TX

This photograph, enlarged 3.8 times, shows the shark tooth (anterior) of a *Scapanorhynchus texanus*. It has a forked root with a vertical groove. The striations are very pronounced. This tooth was found in July, 1983, in a sand and gravel bar on the North Sulphur River, Fannin County, Texas. This location is near the town of Pecan Gap. This sand and gravel bar was located beneath bridge #496 and Texas FM 904 (highway). The rock group in the North Sulphur River is Upper Cretaceous and is called the Taylor Group. I am not able to give the formation that this tooth came from. The age of this tooth is the Campanian.

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 REPRODUCTIONS UNLIMITED
RESIN & DEAIRED GYPSUM
PHOTOS & PRINTS (CATALOG \$2.00)
P.O. BOX 6650
ROCKFORD, ILLINOIS 61125

INSECT INCLUSION AMBER From the Dominican Republic. 8 Million Years Old (postpaid).
15 Fossil Packet...\$100
12 Smaller Fossils...\$75
12 Mini Fossils...\$45
12 Minier Fossils...\$30
12 La Toca Tubes (no insects)...\$20
12 Botanical--Partial Leaf, Stem...\$15
12 Turdite (insect fecal debris)...\$15

ALSO INSECT INCLUSION NECKLACES
RICHARD TREXLER
Box 655
Goulds, Florida 33170

LETTERS TO THE EDITOR

The following letters are in response to the question of how to ration tables at EXPO to accommodate all who want to participate. The question was raised at the MAPS business meeting at EXPO. (See Summer issue for related letters.

I am writing this letter in response to the letters about MAPS yearly show. I agree with DAN DAMROW. Your organization and the show have grown to an International level and needs to keep expanding. I would recommend that you rotate the show's location (different states) and possibly even have two shows a year to reach all the people interested in FOSSILS.

Alex Iwanow
MAPS Member

Dear Editor,

I am writing this letter in response to Dan Damrow's remarks in the summer issue of the MAPS Digest. I agree completely with Dan's feelings concerning the expansion of the EXPO Show. As he has said the organization has grown so much so quickly that it is difficult to keep up with the needs and wishes of the members. I do hope that somehow the board can come up with a satisfactory answer to the problem of EXPO expansion.

As an amateur paleontologist and an avid collector the EXPO has meant a lot to me. I don't do any trading or selling of fossils, but I do enjoy seeing all the collections at EXPO and being able to purchase a few for my personal collection. So really the EXPO doesn't bring in any money for me, but the joy of seeing all of the many fossils in one location is over-whelming. To me, the more the merrier to give me a greater choice to pick from and view.

The EXPO Shows which I have been attending for ten years now have allowed me to learn much about fossils and their collecting and to make many new friends.

Whatever the organization does in regards to this expansion problem, I want you to know that you have one of the greatest groups of people in the world and keep up the good work.

Sincerely,
Allen C. Yenerich

FROM THE PALEONTOLOGICAL SOCIETY

Dear Sharon:

On behalf of the Paleontological Society I want to extend our appreciation to the Mid America Paleontological Society for the \$100 contribution to the Strimple Award Fund...

The Paleontological Society is pleased to present the Strimple Award in recognition of the contribution of amateurs and hobbyists to paleontology. As you may know, this year's award will be presented to Mr. Melvin Ashwill of Madras, Oregon...

Sincerely,
Donald L. Wolberg
Secretary

EXPO TABLES

At the MAPS summer picnic the problem of insufficient table space at EXPO was discussed at length. Several options were considered and it was decided to pursue two of them at this time: check into moving EXPO to the University of Iowa and consider using the south-side lounge at Western Illinois U.

A committee visited the University of Iowa Memorial Union and discussed with the Union staff the rooms that would be available for the show, auction, and programs; food; housing; parking; access for loading/unloading; costs; etc. While the ballroom and surrounding sun porch are larger than our present facilities, the room is quite dark and additional rooms are available only on another floor. There are about 70 rooms available in the Union and lots of motels in the area. MAPS would be charged to reserve parking spaces in a ramp across from the Union--and reserved spaces would have to be paid for whether or not they were used; campers, etc. would have to be put on a storage lot. There is very limited space for parking to unload and a long way to cart things to the ballroom. Basic costs (with University sponsorship) were somewhat higher than at Macomb, but one cost--a charge of \$20 per table per day because ours would be considered a commercial show--essentially killed the idea of moving the show there. At that rate, assuming 200 tables, MAPS would be charged \$12,000 just for tables, which is a lot more than our entire show costs now; and tables would have to sell for at least \$60 each. (It would actually have to be more to cover the other higher costs.)

The other option for this year's show is to use the side lounge at Macomb and set up about 18 tables in it. These tables would be for people who can easily move their materials or want a table only for one day. Tables would sell for \$10 each. There would be no overnight security. In the future we may look into putting some of the large dealers in the "auction room," but that option is not open this year.

We are considering using the same rules for tables as last year: a limit of 2 per person; requests will be taken for more than 2 tables, and if any are available, they will be given out in rounds at the rate of 1 per person per round. We are also considering raising the cost of tables in the ballroom to \$15 per table because our costs for the show are rising.

If you have any comments on any of the above considerations, please send them by December 1 so they can be considered before any action is taken.

EXPO XIV--MOLLUSKS

The theme for the 1992 EXPO will be Mollusks. John Pojeta, from the Smithsonian Institute, will be the keynote speaker and give a presentation on Mollusk Evolution. Bruce Stinchcomb, from St. Louis Community College, St. Louis, Missouri, will give a short course on Mollusks. Maggie Kahrs again will be the EXPO Digest editor, so if you would like to contribute an article on Mollusks, contact her.

BLM LEGISLATION UPDATE
by John Boland, MAPS Member

Congress instructed rulemaking government bodies like the Bureau of Land Management (BLM) to use "negotiated rulemaking" to develop regulations for public land use. The National Academy of Science (NAS) was asked to study fossil collecting, which resulted in 10 recommendations in their report *Paleontological Collecting*.

The BLM brought together people from BLM, Forest Service, museums, paleontology societies, state paleontologists, amateurs, and commercial collectors to work together, using the NAS report, to develop a consensus. Two negotiating rulemaking sessions were conducted and a near 100% agreement (a consensus) was reached. BLM sent the agreement to its field offices where considerable controversy developed. Additional adverse comments came from some vertebrate paleontologists at museums and universities as the word spread through their meetings and communications.

Notification of members was attempted through the *Digest* and letters to clubs. Included was a petition, which all members were asked to sign, requesting the BLM to publish the consensus agreement in the Federal Register for public comment. Some petitions were sent directly to Washington; private letters were sent to Congressmen.

On May 31st a letter was received from the BLM stating "The BLM has decided that before proceeding further with the efforts to develop regulations, it would be more productive to use the efforts of the negotiated rulemaking sessions as a basis for restructuring the BLM's internal paleontology program. The development of policy, Manual instructions, and regulations to address such issues as planning and environmental analysis, criteria for hobby-collecting areas, and so forth can then be done increasingly, as appropriate. Steps will also be taken to increase paleontological staff capabilities in Colorado, New Mexico, Utah, and Wyoming--States where paleontological activities have been the heaviest and most visible. Once the basic policy and Manual system are in place, we will resume work on the

proposed rule on paleontological collection. We anticipate publication of the proposed rule early in 1993. The final rule would be published later in 1993 or in 1994.

"In the interim, the BLM will continue the current practice of allowing recreational collecting of common invertebrate fossils and petrified wood. Collection of vertebrate fossils will continue to require a permit. (*Amateur and professional*) Commercial collecting will not be authorized at any time.

"The collection of vertebrate fossils by amateurs remains one of the most controversial points. In order to make some vertebrate fossils available to amateur collectors, we will ask each BLM State Director to pursue the opening of one or more areas or sites in his/her jurisdiction to hobby collectors. Of course, we will have to comply with the requirements of applicable laws, including the Federal Land Policy and Management Act and the National Environmental Policy Act.

"Concurrent with the development and implementation of each of the steps in our program, the BLM will keep the interested public fully informed and seek public comment and support. our goal is to ensure that the needs of all interests will be met to the maximum extent possible."

If you plan to collect invertebrate fossils on BLM or US Forest Service lands, it is best to contact the land manager's office in that state. They have often been willing to give the amateur collector specific information on the best places to collect. More on collecting rules next month.

Alan Goldstein, Louisville, KY, sent a copy of "1991 Survey: State Regulation of Geological, Paleontological, and Archaeological Collecting," from *Curator* 32/4. A fully updated 1991 study, listing current regulatory agencies and their addresses, is available at cost (\$5.00), including postage, from the American Museum of Natural History, Central Park West at 79 Street, New York, NY 10024, Special Publications Department. Checks should be made payable to the American Museum of Natural History.

**EXCERPTS FROM: A MEMORANDUM ON THE PALEOECOLOGICAL AND GEOLOGICAL SIGNIFICANCE OF
THE GIANT WHITE CLAM FOSSIL BED AT IKEGO FOREST AND COMMENTS ON ITS PRESERVATION**

**by Dr. Kiyotaka Chinzei, Professor of Kyoto University, Japan
Department of Geology and Mineralogy, Faculty of Science**

(1) The Giant White Clam have been known as living exclusively on submarine ridges where a new plate is being created or along trenches where water is gushing out as a result of subduction of a plate. They serve not only as an evidence of a large scale tectonic movement of the earth, but also, through their peculiar living mode with associated biota, as an example of a different ecosystem not depending on solar energy.

Fossils of the Giant White Clam, internationally speaking, are very rare. Only nine species have so far been found in the world: in Japan, along the west coast of North America, and in the Panama region...

Out of nine fossils of Giant White Clam, six were discovered in Japan. To the eyes of the Japanese, Ikego fossils may not seem so valuable; still, I can remember no other place where fossils were found in such a good condition and in such a large quantity as in Ikego of Zushi City. This place could be called the most precious site in the world for the research of the Giant White Clam fossil...

(2) Many of the individual fossils are found with shell substances dissolved away and lost. However, in the upper part of the outcrop of the fossil bed, very well preserved individuals have been discovered. Such condition is very rare with the Giant White Clam, whose shell is too fragile when fossilized, and it is difficult to take them out of the rock...At this outcrop, strata are inclining steeply to the south, with the bedding plane nearly parallel with the cliff surface, and because of this, the configuration of Giant White Clams in the stratum can be observed three dimensionally.

At this outcrop, it is also possible to observe the cross-section of the fossil bed. This is not possible when we observe them on the sea floor from a deep submersible and collect creatures by

manipulators. Now we can know the process of colony development, or about other organisms, particularly burrowing bivalves.

(3) (Those who have observed the fossils)...found that they had been carried away by a strong current to be resettled and reassembled, although the number of individuals is large, and they are densely assembled similar to their living colony. If the colony in its original habitat had been discovered, the value would have been uncountable...

However, as the shells are hardly worn out, and few broken fragments are found, we can presume with certainty that they had not been transported over a long distance. This fossil bed must have been transported over a short distance when the shells were alive or just after their death, to accumulate in the place close to the colony. The fossil bed gives a very important clue to the paleoecological study of this group.

(4) The strata containing fossils probably consist of a giant block which had collapsed into the deep sea floor where the mudstone of the Zushi Formation was accumulating. Formation and collapse of this block was a part of the tectonic activity which took place about 3 million years ago, and information about the shape of this block with mode and direction of transportation would be a valuable hint to the knowledge of extent and speed of the tectonic movement.

The South Kanto Region (Large Tokyo Metropolitan Area) is located above the earthquake nest... Earthquakes happen as a process of subduction of the Philippine Plate beneath the Japanese Archipelago. All the phenomena such as the Giant White Clams coming to habitat, or a layer with fossils having turned into a block to collapse later, or the present-day seismic activities, are the result of the tectonic process. The block containing the fossil bed of Giant White Clam is, in this sense, very closely related with our present day lives.

U.S. MILITARY HOUSING
THREATENS JAPANESE CLAM SITE

Kiichiro Tomino, Mayor of Zushi City, wrote asking for help in saving "a very large and rare colony of Giant White Clam fossils. The most distinguished paleontologists and geologists is Japan inform (him) that this may be the largest and most significant discovery of such beds in the world. But before the year is out, they may be destroyed--unless there is a strong and immediate expression of concern by the international scientific community."

According to Tomino, "Ten years ago the Japanese government decided to build a major housing facility within the Ikego Forest (which is part of the City of Zushi) for United States military personnel stationed in Japan. At that time, we knew only that this huge facility of 850 housing units would devastate the last remaining green space and ancient forest in the entire vicinity surrounding Tokyo. Sanctuary for many species of birds, both rare and endangered, the forest is also a stop-over point on migratory routes. Numerous archaeological specimens have been found in the area."

A citizens' movement elected Tomino, an astronomer and mathematician, mayor; but both Japanese and American governments are sticking to their plan. Recently, the threat to the Giant White Clam fossil beds came to light. The Clam beds "provide geological evidence regarding the formation of the Japanese archipelago and offer new discoveries in the field of plate tectonics. The strata of intact fossil colonies are accessible to public view."

The following page contains four post cards that can be removed and sent in support of saving this site. Postage to Japan is \$.50 for the first half ounce. Notes can also be sent to: Hon. Lawrence H. Garrett III

Secretary of the Navy
Room 4E686, The Pentagon
Washington, D.C. 20301

Hon. Yutaka Inoue
Minister of Education
3-2-2 Kasumigaseki
Chiyoda-ku
Tokyo, JAPAN

CONTINUED FROM PAGE 8

Tom Welch
6741 Fair Meadows Drive
North Richland Hills, TX 76180
817-498-7519

Judith Wright
Webb Wright & Associates, Inc.
5045 Gregory Road
Dexter, MI 48130
313-428-8266

PLEASE NOTE THE FOLLOWING CHANGES OF ADDRESS OR CORRECTIONS:

Ken Burke
3744 Central Park Cir. 4
Las Vegas, NV
702-733-5869

President of Clark C. Fossil Club. Will show you local collecting sites. Will trade brachiopods and other fossils.

Loyd F. Crawley
BELGIUM
02-640-42.85

Collecting many years. OMIT wishes to make collectors. ADD UNABLE TO EXCHANGE FOSSILS AT THIS TIME

Norbert von Lipinski
Kleiststr. 8 2000
Hamburg 76
GERMANY
040-2006987

Chemical Technician. Will trade. Major interest: teeth and artifacts. Has for trade stone age artifacts from Germany and Denmark.

Ken Olson
514 6th Avenue N.
Lewistown, MT 59457
406-538-5123

Thomas Servais
4431 Chinkapin Drive
Stephens City, VA 22655

Richard Trexler
721 N.W. 14th Court
Miami, FL 33125

Keith Wheeler
115 Wilson Point Dr.

Dear Prime Minister Toshiki Kaifu,

The destruction of the Ikego Forest in Zushi City, Japan, is of deep concern to me as a scientist. In addition to the ecological and archeological importance of the forest, is the recent discovery of one of the largest and most significant colonies of Giant White Clam fossils in the world. Please collaborate with U.S. officials to protect this unique and fragile fossil bed for further research. I support the designation of the Giant White Clam fossil bed as a national monument for the study and enjoyment of future generations.

Sincerely,

NAME _____

ADDRESS _____ CITY _____ STATE _____ ZIP _____

Dear Hon. Yukibiko Ikeda,

The destruction of the Ikego Forest in Zushi City, Japan, is of deep concern to me as a scientist. In addition to the ecological and archeological importance of the forest, is the recent discovery of one of the largest and most significant colonies of Giant White Clam fossils in the world. Please collaborate with U.S. officials to protect this unique and fragile fossil bed for further research. I support the designation of the Giant White Clam fossil bed as a national monument for the study and enjoyment of future generations.

Sincerely,

NAME _____

ADDRESS _____ CITY _____ STATE _____ ZIP _____

Dear President Bush,

The destruction of the Ikego Forest in Zushi City, Japan, is of deep concern to me as a scientist. In addition to the ecological and archeological importance of the forest, is the recent discovery of one of the largest and most significant colonies of Giant White Clam fossils in the world. Please collaborate with U.S. officials to protect this unique and fragile fossil bed for further research. I support the designation of the Giant White Clam fossil bed as a national monument for the study and enjoyment of future generations.

Sincerely,

NAME

ADDRESS

CITY

STATE

ZIP

Dear Hon. Richard Cheney,

The destruction of the Ikego Forest in Zushi City, Japan, is of deep concern to me as a scientist. In addition to the ecological and archeological importance of the forest, is the recent discovery of one of the largest and most significant colonies of Giant White Clam fossils in the world. Please collaborate with U.S. officials to protect this unique and fragile fossil bed for further research. I support the designation of the Giant White Clam fossil bed as a national monument for the study and enjoyment of future generations.

Sincerely,

NAME

ADDRESS

CITY

STATE

ZIP

Affix
correct
postage
here

President George Bush
The White House
1600 Pennsylvania Avenue
Washington, D.C. 20500
U.S.A.

Affix
correct
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here

Hon. Richard Cheney
Secretary of Defense
The Pentagon
Washington, D.C. 20301
U.S.A.

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here

Prime Minister Toshiki Kaifu
Prime Minister's Office
1-6-1 Nagata-cho
Chiyoda-ku
Tokyo, JAPAN

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here

Hon. Yukihiko Ikeda
Secretary of Defense
Defense Agency
9-7-45 Akasaka, Minato-ku
Tokyo, 107 JAPAN

Please ADD the Following NEW OR REJOINING MEMBERS to Your Directory:

- Doris F. Currington
201 Phyllis St.
Las Vegas, NV 89110
702-452-3737
Retired (airlines). Will trade. Major interest tracks, plants, anything. Has for trade tracks (Miocene), fair to good fossils. Member Southern Nevada Fossil Club, Las Vegas.
- James Earman
5107 South Cabin Dr.
Huntingtown (Plum Point), MD
20639
301-535-1312
Computer Tech. May trade. Major interest Miocene era vertebrates. Collected since ab. 1971--has never traded or bought fossils. Member Calvert Marine Museum/Fossil Club, Solomons, MD.
- James D./ Donna L. Fackenthal
1113 Tulip Tree
Bloomington, IN 47406
812-857-5843
Graduate Student. Chiefly interested in going on organized digs. Member Indiana Soc. for Paleo.
- Ronald S. Gladhill
834 Forest Glen Rd.
Lusby, MD 20657
301-326-6763
Oil Burner Tech. Will trade. Major interest sharks teeth. Has for trade sharks teeth, vertebrates. Member Calvert Marine Museum Fossil Club, P.O. Box 97, Solomon's MD 20688. Wants to learn more about different fossils.
- Alton Hallauer
6209 Acres Rd.
Ottawa Lake, MI 49267
313-888-1164
Has a major interest in fossils.
- Daniel Holt
409 E. Grant
Fowler, CO 81039
Major interest in collecting dinosaur and early reptile fossils, particularly teeth. Likes mammal teeth and fossils also. Minor interest in shark and invertebrate fossils. Will trade. Has for trade an assortment of late cretaceous dinosaur teeth and some other late Cretaceous fossil material.
- Roy Hurlburt
2348 Hempline Ct.
St. Louis, MO 63129
314-846-0711
- Hector Ibarra
1940 Bohret Ct.
Iowa City IA 52240
319-337-3590
Science Educator. A beginner interested in any fossils. I will accept help from those interested in assisting me so that I may get my students interested in fossil collecting. Interested in education and field trip opportunities.
- Stephen Lory
10814 Valmay Ave. N.W.
Seattle, WA 98177
206-367-3207
Professor. Will not trade. Major interest trilobites. Wants to receive Digest.
- Dick Lutin
5353 N. College #112
Indianapolis, IN 46220
317-465-4377
Sign Salesman. Will trade. Major interest Cenozoic vertebrates and Mesozoic vertebrates. Has for trade Oligocene vertebrates. Rejoining MAPS.

Betty & Bill Myers
R.D. 4, Box 157
Newport, PA 17074
717-567-7433

Vincent P. O'Donnell
100 Crest Place
Coatesville, PA 19320
215-383-6023

Annette Parks
3209 E. 10th #7Y
Bloomington, IN 47408
812-855-6067

Brian & Barbara Poelker
103 Colony Ct.
Manito, IL 61546
309-968-7683

Mark E. Porinsky
9535 North Territorial Rd.
Dexter, MI 48130
313-426-8442

Alan Saltsman
312 North Third Street
Jeannette, PA 15644
412-523-6319

Tony Schuster
5840 W. Warwick
Chicago, IL 60634
312-283-1909

Connie Snapp
Neil Snapp
1325 Orlando
Haslett, MI 48840
517-339-2863

Jack Stanton
8600 Shore Front Pkwy. Apt. 4M
Rockaway Bch., NY 11693-1843

David L. Thompson
3389 Braeburn
Ann Arbor, MI 48108
313-973-9027

Retired. May trade. Major interest Mazon Creek fossils and Dinosaur fossils. Original members who lost track because of moving, illness, etc.

Science Teacher. Will trade. Major interest Miocene sharks teeth, vertebrates, trilobites, Florissant fossils. Has for trade Florissant fossils, St. Clair plant fossils. Member Tampa Bay Fossil Club, Delaware Valley Paleo. Soc. (Past Pres.). Rejoining member of MAPS.

Postdoctoral Research Assoc. in Biology at Indiana U. Major interest invertebrates. Member Indiana Soc. of Paleo. Enjoys finding, cleaning examining and staring at fossils. Wants to know more.

Teacher. Major interest Mazon Creek. Wants to learn more about fossils.

Lutheran Minister. Major interest crinoids or whatever able to find. Will trade or give away brachs, Phacops fragments, etc. Wants to gain access to new collecting sites for self and children; wants to meet people with similar interests.

Security guard, geologist. Collecting since 1976. Will trade. Major interest microfossil shark teeth of Pennsylvanian age. Has for trade Penn. conodonts. Wants to find out about fossil collecting in other parts of the U.S.

Major interests trilobites and crinoids, dinosaur tracks and fish.

Retired. Major interest trilobites; cephalopods. Has for trade Petoskey stones, Cretaceous oysters (Exogyra). Want to find avenues of adding to their collection.

Therapist. Will trade. Major interest Cambrian-Pennsylvanian invertebrates and plants. Archeogastropod/crinoid combination. Has for trade Devonian invertebrates--Arkona & Silica Shale. Wants to expand contacts with others who are working with fossils of the Midwest area to trade/purchase specimens.

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: Gil Norris, 2623 34th Avenue Ct., Rock Island, IL 61202
1st Vice President: Marvin Houg, 3330 44th St. N.E., Cedar Rapids, IA 52402
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



CYATHOCRINITES

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