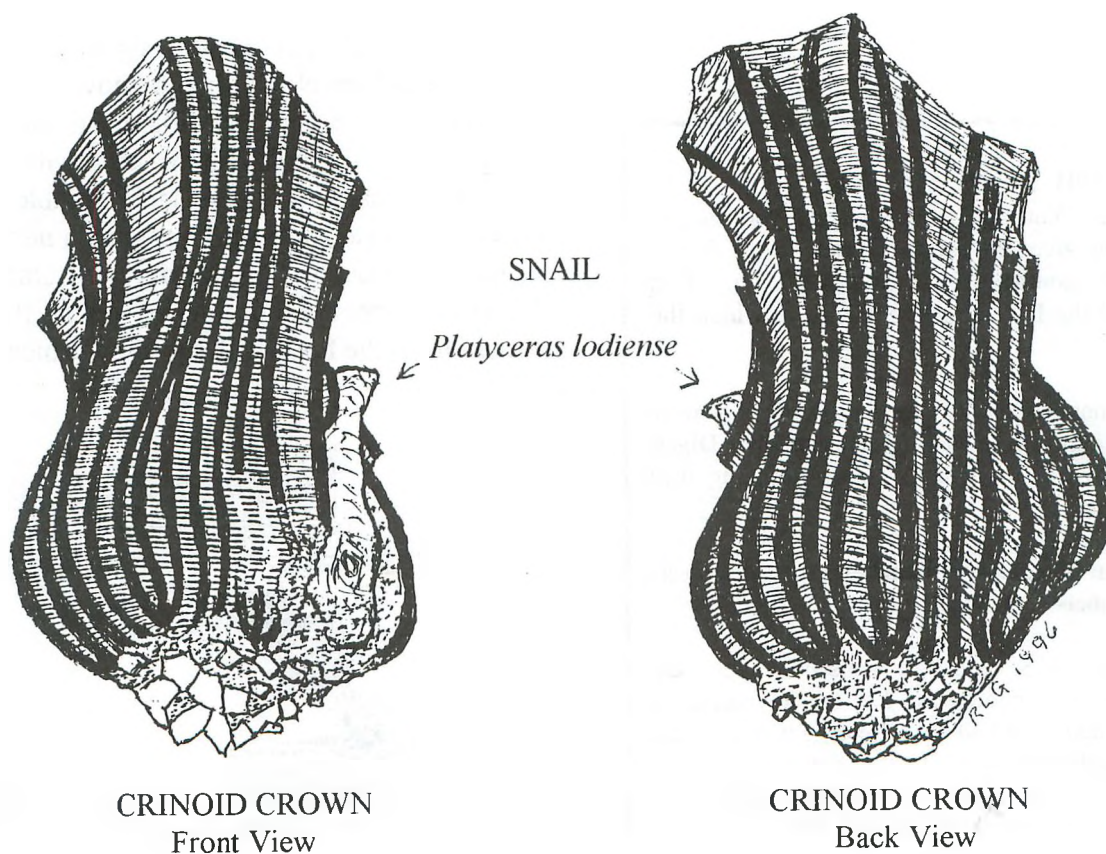


M.A.P.S. *Digest*

Official Publication of
Mid America Paleontology Society

Volume 20 Number 1
January 1997



MARK YOUR CALENDARS

Jan 11 MAPS MEETING. The Cove Restaurant near Tipton, Iowa. On the south side of I-80 at Exit 266.

12:30 Luncheon Meeting
Board and Regular Meeting Combined
There will be no program.

Feb 8 MAPS MEETING. Trowbridge Hall, the University of Iowa, Iowa City, Iowa.

1:00 Board and Regular Meeting Combined
2:00 Program: Jeff Schabillon will speak about "What's New in the Coal Swamps."

Apr 18, 19, & 20 MAPS NATIONAL FOSSIL EXPOSITION XIX--EXTINCTIONS

Fri., Apr. 18: 8am - 5:00pm
Sat., Apr. 19: 8am - 5pm
Sun., Apr. 20: 8am - 3pm

97/01 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--97/01 means 1997/Jan. 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 \$20 per U.S./Canadian household per year. Overseas members may choose the \$20 fee to receive the Digest by surface mail or a \$30 fee to receive it by air mail. (Please send a check drawn on a United States bank in US funds; US currency; a money order; or a check drawn on an International bank in your currency.) 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 Bob Guenther, Shelby, Ohio

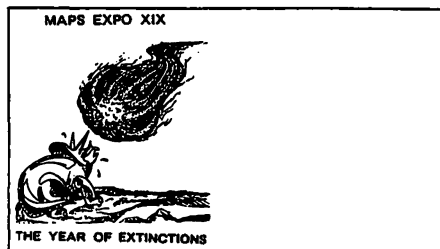
The fossil crinoid and snail specimen depicted on this month's cover is from the Mississippian period rocks of the Cuyahoga Formation of Hayesville, Ohio. It is one of the best fossils that I was able to collect in 1996, and as yet I have not been able to locate the correct name for it. So if any of you crinoid collectors have information that would enlighten me as to the identification of this fossil, I would appreciate your help.

The arms formula is - 2,3,3, - 2,3,3, - 2,3,3, - 2,3,3, - 2,3,3, for a total 40 arms making up the rays, with the sketch showing its full size. The snail is a *Platyceras lodiensis* variety.

See Related Article on Page 3

MAPS EXPO POSTAGE CANCEL

Tony Verdi has once again designed a postage cancel and cacheted envelope for our show. The post office will set up a station next to the main entrance for you to get your letters postmarked with the special extinctions cancel. You will be able to get the cacheted envelopes from Tony's table next to the post office. (He usually has appropriate stamps, too.) All *Digests* which are not picked up at the show are mailed from the floor with the show cancel.



Those of you who want the cancel and envelope but cannot attend the show can send a request to: Tony Verdi, 1225 Ledge Rd., Hinckley, OH 44233.

Include \$1.25 for each envelope, plus a self-addressed, stamped #10 envelope. Deadline for requests is March 31.

EXPO XIX REGISTRATION INFORMATION

This month's issue of the *Digest* contains all the information necessary for getting tables and rooms at EXPO, April 18-20. See pages 6-7. Hotel rooms sometimes fill up at EXPO time because of other events at the University, so it's a good idea to make reservations early.

This year's keynote speaker is Warren Allmon, Director of the Paleontological Research Institution (PRI) in Ithaca, New York. Prior to the program, the PRI will present its Kathryn Palmer Award to an amateur who has made a significant contribution to the field of paleontology. To give MAPS officials who close the floor enough time to eat before the program, we will be closing the show at 5:00 Friday. This is a change from previous years. New this year will be a silent auction on Friday afternoon and Saturday. This idea was suggested to shorten the live auction and to make auction items available to all the attendees during show hours.

Once again we will be using just the main ballroom and the adjoining lobby, so we must limit tables to 2 per family/membership (with rare exceptions) so that all members can be accommodated. Materials can be stored under tables, but no material is allowed in the aisles. Also, EXPO is a fossil and fossil-related only show—no other types of materials are allowed on the floor.

SECOND INTERNATIONAL TRILOBITE CONFERENCE

by Stuart Milliken, Ontario, Canada

I am currently involved in the organizing of the "non professional" portion of the Second International Trilobite Conference at Brock University, St. Catharines, Ontario, August 22-25, 1997.

Traditionally, these conferences are geared towards high level professional Palaeontologists, but with a persuasive argument, I have managed to arrange a concurrent conference for casual collectors and non-professionals. Ideally, we would like to have field trips, "round table" discussions, displays and debates, designed to get the public-at-large interested in Geosciences and exposed to

MAPS BADGES AVAILABLE

MAPS name badges are available. To order:

- Request a MAPS name badge.
- Print your name exactly as you want it to appear.
- Include your city and state.
- Be sure to include your return address.
- Send the above information along with a check in the amount of \$6.36 to:

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Ph. (319) 326-2222

The price includes postage, handling and tax. MAPS is not directly involved in the sale of the badges; however, please let us know if you have any problems.

SEND DIRECTORY INFORMATION NOW

A supplemental update to the *Directory* will be published year. It will include new members and changes of address, etc. Please be sure any changes that have not yet been sent to the editor are in by February 15. A complete *Directory* will be published in 1998.

these high-level professionals. The educational opportunities are unparalleled.

... We are totally unfunded at this point and are relying completely on fellow collectors and volunteers to make this event happen. ...

If you would like more information on this upcoming conference, I would suggest you e-mail:

- myself for information at SMilliken@aol.com
- for the professionals and for the "official" word, contact Dave Rudkin, Paleobiology Department, Royal Ontario Museum, Toronto
-Davidru@aol.com

RECYCLING, 350 MILLION YEARS AGO

by Bob Guenther, Shelby, Ohio

Recycle. My dictionary states that the meaning of this word is "to extract and reuse useful substances found in waste." To us modern people it is a necessary way of living to preserve the limited resources that make life so enjoyable for the human race. Whole new industries have been formed to create new products out of what materials are waste products of this civilization.

This process of recycling has been in use for many millions of years before the *Homo sapiens* race appeared on this earth and figured out the word that describes this process. The plants, insects, and animals that have lived on this earth since the beginning of life on this planet have been using this process in the many controls that exert an influence on the complicated science of evolution, which has given us such a wide and wonderful assortment of life form that are found on this beautiful planet that we call Earth.

One of the first examples came to my attention while I was collecting from the Devonian Period, Silica Formation of the Medusa Cement Company Quarry fossils. A few of the *Arthroacantha carpenter* crinoids had *Platyceras bucculentum* snails snugly ensconced over the anal vent of the crinoids. Here they fed upon the waste excrements, which gave them the nourishments they needed. These well-preserved examples of recycling were delightful bonuses in my fossil collections.

How and when this process started is way back in time. Perhaps the snails in the planktonic stage settled on the crinoid crowns, or maybe the snail, crawling a path along the ocean's bottom, came to the stalk of the columnals and decided to climb up it just because "it was there," and as a result found the location a good source of edible food to enjoy. Maybe this is one of the secrets of evolution that keeps us looking for answers and makes the collecting of fossils interesting.

Another example of these snails using this process came to my attention when a little over a month ago while checking out a shale bank to see what kinds of fossils had weathered out, my attention, due to my healthy eyeballs, was called to several crinoid arms in the mud along the small creek. When I fished out this piece of fossil material, I realized it was the center section of a large crinoid crown. This was Mississippian Period Formation, and since I had found complete crinoids at this location before, I checked

the mud very closely, and there, partially buried in the mud, I could see a couple more crinoid arms. This time I hit the "jackpot," for when I reached down in the mud, I could feel that this crinoid was a complete crinoid crown. When I washed the mud off the crown, I could see that there as a bonus was a *Platyceras lodiense* snail securely imbedded in the crinoid crown with its point sticking out through the delicate arms of the crinoid. Yes, this is a good example of what keeps the "Old Fossil Picker" happy with the bonuses that nature in its own beautiful way provides for my enjoyment.

T. REX TO BE AUCTIONED

source: *The Daily Courier*, Prescott, AZ, 11/17/96
sent by Jim & Sylvia Konecny

Sue, the 50-foot Tyrannosaurus rex unearthed in 1990 by Pete Larson and others from the Black Hills Institute in South Dakota, will be sold to the highest bidder. Discovered by a woman walking her dog on Sioux Indian Maurice Williams' reservation ranch, Sue was excavated and partially prepared after Larson paid Williams \$5,000 for the rights to her. News of Sue, described as the most complete and detailed fossil of a T. rex ever found, spread quickly among paleontologists. Some criticism of Larson's company's excavating on federal land led to a government raid on the Institute and the seizure of Sue. After a four year battle among the Black Hills Institute, Williams, and the federal government, title to Sue was awarded to Williams.

Now she is slated to be sold by Sotheby's in the spring in Manhattan on behalf of Williams. The exact date will depend on when Sue is prepared. Sotheby's is paying to have the bones cleaned, and some paleontologists predict that she could bring as much as \$5 million. Others, such as Donald Wolberg, disagree, suggesting the auction house will be lucky to cover its expenses. The preparation will cost about a half million dollars, according to Wolberg. "And the dinosaur bone market has been depressed by a lot of recent tyrannosaur discoveries. They'll never get \$1 million, and it's really sad that Sue has come to this," said Wolberg.

ADVERTISING SECTION

Ads are \$5.00 per inch. 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 can be printed in different sizes of type to fit a 1" space.

MICROSCOPIC FOSSIL PREPARATION SERVICE

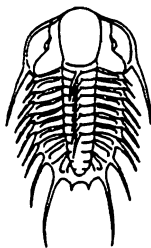
\$10/Hour. For Trilobites, Crinoids, Small vertebrates, etc.

Contact: Charles Isbon

P.O. Box 431701, Houston, TX 77243-1701

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www.Renaissance-Fossils.com

FOSSIL NEWS

JOURNAL OF AMATEUR PALEONTOLOGY

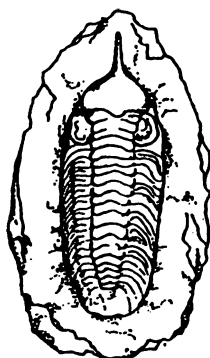
We are pleased to begin our third year of monthly publication for enthusiastic amateurs. We begin 1997 with subscribers in all 50 states and in 14 countries. Our commitment to the amateur community continues with original articles from fellow enthusiasts, a review of current literature, and more. In addition, "Children's Corner" (a regular feature for parents and educators) presents paleontology in a language children can understand, and adults can appreciate.

We thank you, current Fossil News subscribers, and welcome those of you who decide to join us during our third year of exciting amateur paleontology.

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WESTERN ASSOCIATION OF VERTEBRATE PALEONTOLOGISTS

info sent by David Jones, Worthington, MN

For some MAPS members who plan a trip to the Tucson show, here is some news that may help start the New Year right. The Western Area Vertebrate Paleo. meeting will be on the University of Arizona campus in Tucson, just as the Tucson show is ending.

The show runs February 15-17. Activities include presentations, a field trip and a group dinner.

For those interested, the contact is :

WAVP 1997 Annual Meeting

c/o Everett Lindsay

Dept. of Geosciences

University of Arizona

Tucson, AZ 85721

ph: 520-621-5086

fx: 520-621-2672

e-mail: <ehlind@geo.arizona.edu>

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

William (Bill) E. Everett
Meg & Mike
3400 Meridian Way
Reno NV 89509
702-329-1344
fx. 702-329-1344

Project Controls Engineer. Will trade. Major interest Oligocene/Miocene mammals. Member of Soc. Vert. Paleo, NV Paleo Assn, Pecarry Soc. (Clairemont, CA), Tampa Bay Fossil Club (FL), Dry Dredgers (Cincinnati). Wants to extend contact with others interested in paleontology.

Stuart Milliken
121 Eastwood Ave.
Scarborough, Ontario
M1N 3H4
CANADA
SMilliken@aol.com

Hui Siang Pang
5 Jalan Chermat
Singapore 809316
REPUBLIC OF SINGAPORE

Remisier. Will not trade yet (96). Interested in all fossils. Wants to learn more about fossils.

Jack Pizzo
325 Ashland Ave
River Forest IL 60305
708-209-1603
fx 708-209-1531

Landscape Architect. Will trade later(96). Major interest flora--Gymno and Angiosperms. Wants help in locating and exchanging information.

Bryan Ritchie
4 Nipissing cres.
Brampton Ontario
CANADA L6S 5A6
905-455-1175

Air Traffic Controller. Will trade. Major interest arthropods. Penn. fossils. Member of Kawartha Rock & Fossil Club (Peterborough, Ont.) Wants to obtain knowledge in prep., localities, etc. and to interact with like-minded individuals.

PLEASE NOTE THE FOLLOWING CHANGES OF ADDRESS OR CORRECTIONS:

Michael & Yvonne Albi
7001 Vista Del Mar Lane
Playa del Rey CA 90293
<http://members.aol.com/scpaleo/index.htm>

Don & Dorothy Auler
623 East Highland
Villa Park IL 60181-2708
630-832-0479

Miguel & Fernanda Barbosa
AVE. JOSO CRISOSTOMO 91-2
LISBON, 1000
PORTUGAL 40793
ph 3140793

Rick Batt
170 Keil Street
North Tonawanda NY 14120

Mark B. DuBois
116 Burton Street
Washington IL 61571-2509
309-444-2999
voice ph 309-444-7261
fx 309-444-7261
mdubois@heartland.bradley.edu

Ronald Garney
35 Cottage St.
Amherst MA 01002
413-549-1351

Has Devonian material from New York & Ontario
(including microfossils) as well as Paleozoic
material from several areas in the US.

Andy Howard
830 Wicklow Road
Campobello SC 29322

Alexander Iwanow
2800 N. 5 Mile Rd.
Midland MI 48642
517-687-5895

Eugene A. Kindt
Box 134
Put-in-Bay OH 43456

Greg Kuss
356 Highgate Ave.
Worthington OH 43085
614-885-3051
614-761-3888

Display cabinet manufacturer owner/artist. Will
trade. Interested in all fossils--mostly Paleo
zoic. Member of Cincinatti (OH) Dry Dredgers.
Wants to make contact with others interested in
fossils.

Bob Levin
117 Ewing
Smith Center KS 66967-3217
913-282-6904
fx 913-282-6904
boneman@ruraltel.net

Jean-Guy Pellerin
2288 De Lorimier
Montreal, Quebec
CANADA H2K-3X3
514-524-786-36

William J. Tattrie
3269 Schubert Road
LAMLOOPS, B. C.
CANADA
V2B 6Y4
250-579-9344

Thomas C. Witherspoon
6611 Miller Road
Dearborn MI 48126-1915
313-582-3139

NATIONAL FOSSIL EXPOSITION XIX - 1997

LOCATION AND TIME EXPO will be held at the Student Union, in the Grand Ballroom, on the campus of Western Illinois University, Macomb, Illinois. The simplest way to the site is to turn off IL 67 west on University Drive, then go south to the Union. (Follow the signs.) Set-up is permitted on Friday, April 18, at 8:00 a.m.

EXPO HOURS: Friday, April 18 - 8:00 a.m. - 5:00 p.m.
 Saturday, April 19 - 8:00 a.m. - 5:00 p.m.
 Sunday, April 20 - 8:00 a.m. - 3:00 p.m.
 (Many people leave early Sunday)

TRANSPORTATION

There are 2 highways leading into Macomb -
IL 136, an east-west route, and **IL 67**, a north-south route.

There is **no plane service to Macomb** at this time, but we will **help to arrange transportation from Moline, IL**, airport if you will make ADVANCE arrangements with **Mrs. Gerry Norris, (309-786-6505)** 2623 34th Ave. Ct., Rock Island, IL 61201. Or you can fly into **St. Louis, MO, or Peoria, IL**, and rent a car and drive to Macomb.

LODGING

Macomb area code - 309, Macomb zip code - 61455

★ **CAMPERS**

Persons traveling in self-contained camping units may park on the parking lot.
 See Public Safety located in the Union. **IDENTIFY WITH M.A.P.S.**

★ **MOTELS**

We have been informed that most motels now have two prices, one for weekdays and one for weekends.
 When you call for reservations, it may be a good idea to ask for prices, if you are concerned about costs.

Motels are listed according to what has generally been the highest-priced one to the lowest-priced one in order to give you a general idea of the price range. It has been reported that some of the hotels are raising the price for EXPO weekend, so you might want to check prices.

Ameri Host	1646 N. Lafayette	837-2220
Macomb Inn(Days Inn)	1400 N. Lafayette	833-5511
Super 8	313 University Drive	836-8888
Pineapple Inn	204 Jefferson Street	837-1914
Travel Inn	Hwy 136 West	833-4521
Time Out Motel	Hwy 67 North	837-4838
Star Motel	Hwys. 67 S. and 136 E. 1507 E. Jackson Rd.	837-4817

If you plan to stay at a motel, we urge you to make your reservation early.
 Local motels are generally filled during the weekends.

★ **MOBILE HOME PARKING** is offered at **TIL JORDAN MEADOW MOBILE PARK** by calling **309-837-2883**, for those who wish utility hook-up.

★ **UNION**— Contact **Gilbert Norris, (309-786-6505)** 2623 34th Ave Ct., Rock Island, IL 61201 to see if rooms are available. *(There are a limited number.)* Rooms are to be paid directly to the University Union when you check in or out. These rooms must be rented for both Friday & Saturday. You must request rooms early. You may wish to be on standby.

DO NOT CONTACT Western Illinois University for UNION rooms.

★ **OLSON HALL**— Dormitory-style housing is available at the University in Olson Hall—Dorm rooms with community bath on floor. **CONTACT THE UNIVERSITY directly at 309-298-3500 for reservations**

DON'T FORGET - In all cases identify with M.A.P.S.

PARKING For those living in the Union, parking will be east of the Union with room permits. For others, get visitor permits from Public Safety. Parking in specified lots. After 5:00 p.m. Friday ample parking. Before 5:00 p.m. - patience needed.

MEALS Meals are available in the Union: fast food in the lower level and a deli in the basement. Ice cream is also available! There are many restaurants in town and a deli bar in a nearby grocery store.

EXPO REGULATIONS Everyone is requested to make advance registration by March 30, 1997. Mark your calendars now so you don't forget! Registration forms are found on page 8 in the Digest for your requests for tables, display space, etc. Send these forms and your check made payable to MAPS to: Doug DeRosear, Box 125, Donnellson, IA 52625. Please send dues to Treasurer before EXPO--it is a lot of extra work for us to accept them at EXPO.

ALL TABLES WILL BE ASSIGNED Cost of the tables is \$15.00 each for a 6' table in the Ballroom for the weekend; \$15/table in the Lobby. (Lobby tables will be used only for overflow.) **MAXIMUM of 2 tables per person/membership initially.** Over 2 tables wanted? You may request extra tables, and if they are available you will be notified after March 15th (pay for these at EXPO). Requests for extra tables will be filled in rotation--one table per person per round until all space is gone. Also, those with special needs for more than 2 tables may apply to the Board by March 1 for an exception. All decisions will be made as soon as possible, with all decisions made by March 7. MAPS memberships will have first chance at all tables requested before March 1. **(No more than 4 tables will be allotted to a person, family or group, whichever is the larger unit.)**

The Committee insists that all materials be fossil or fossil related. Mountings, gemstones, minerals, Indian relics, etc., are not permitted! Aisles must be kept clear at all times.

DISPLAYS EXPO is special because of displays. They are a gift. They give us all a look at the ancient epochs of the world. Display tables are provided at no cost - 8 ft. limit. Bring your own lights, if you need lighting.

ALL RESERVATIONS WILL BE ACKNOWLEDGED

OTHER ACTIVITIES EXTINCTIONS will be this year's theme. Friday's Keynote Speaker will be Dr. Warren Allmon, Director of the Paleontological Research Institution, Ithaca, New York. His program will be on extinctions and will be preceded by the presentation of the Kathryn Palmer Award by the Paleo Research Institute. A live auction will follow a short business meeting and awards presentation on Saturday evening. New this year will be a silent auction Friday afternoon and Saturday. Proceeds from the auctions go to a geology scholarship. Each dealer is encouraged to contribute a specimen/specimens equal to or greater than the cost of the tables he/she has rented in order to assure consideration for table space at the next EXPO. Include full data and the name of the fossil donor. Specimens can be left at the information desk until 3:00 p.m. Saturday. If you wish to mail a specimen, send it with pertinent information to Paul Rechten, 7405 Shields, Harvard, IL 60035. Paul will send a postal acknowledgment on receipt of specimen.

Show Chairman -----Karl Stuekerjuergen, 1503 265th Ave., West Point, IA 52656.----- (319) 837-6690
Co-Chairman -----Allyn Adams, 612 W. 51st Street, Davenport, IA 52806 ----- (319) 391-5443
Table Reservations-----Doug DeRosear, Box 125, Donnellson, IA 52625 ----- (319) 835-5521
Auction-----H. Paul Rechten, 7405 Shields, Harvard, IL 60035 ----- (315) 943-4178
Publicity -----Tom Witherspoon, Sr., 6611 Miller Road, Dearborn, MI 48126 ----- (313) 582-3139
EXPO DIGEST editor -Maggie Kahrs, 9145 U.S. Hwy 50 East, Seymour, IN 47274----- (812) 522-6093

EXPO AUCTION INFORMATION

A live auction will be held Saturday evening of EXPO following a brief business meeting and awards presentation. Also during show hours, a silent auction will be held to shorten the live auction. As part of your table fees, you are **encouraged** to donate a correctly labeled, quality fossil(s) or fossil-related item(s) to the Auction. Information to include with the specimen is as follows: Brief description and common name, species information, location, and time period. A minimum guide to the value of your donation would be something equal to your table fee. In other words, if you have one table, the donation should have a minimum value of \$15; two tables, \$30; and so on.

Preference on future table assignments will be given to those who make a donation to the auction as suggested above.

Most proceeds from the Auction go to the Paleontology Society Scholarship Fund. As an interesting note, a number of Auction donations are made by individuals who do not have tables, or who are unable to attend EXPO or the auction.

The many generous donations in preceeding years have allowed us to contribute two \$500 to the Paleo Society each of the last several years. We hope to continue the trend or even increase the number of scholarships we can give.

NATIONAL FOSSIL EXPO XIX--REGISTRATION FORM

Please complete the form below, enclose a check payable to MAPS, and mail to **Doug DeRosear, Box 125, Donnellson, IA 52625**, before March 30, 1997.

NAME: _____ PHONE NO.: (____) _____ - _____

ADDRESS: _____

_____ Yes, I will provide a display for EXPO. It will require _____ linear feet of table space--8ft. maximum display.

_____ I request _____ (number) of 6 ft. tables for selling and swapping. Cost is \$15.00 per table. 2 tables/person/membership maximum initially; maximum limit of 4/family or group in all (assigned only in special need cases or if extras are available).

Check enclosed: \$_____ (Only send payment for up to two tables per person. Any extras assigned through request will be paid for at time of notification or at EXPO.

_____ Number of chairs I will need.

_____ Yes, I will help run EXPO:

Front desk--Fri. _____ a.m. _____ p.m.; Sat. _____ a.m. _____ p.m.; Sun. _____ a.m. _____ p.m.

NO ONE EXCEPT THE GUARD IS ALLOWED ON THE FLOOR FOR ANY REASON AFTER HOURS!

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 \$20.00 per household. Institution or Library fee is \$25.00. Overseas fee is \$20.00 with Surface Mailing of DIGESTS OR \$30.00 with Air Mailing of DIGESTS. (Payments other than those stated will be pro-rated.

MAPS meetings are held on the 2nd Saturday of October, November, January, and March and at EXPO in April. A picnic is held during the summer. October through March meetings are scheduled for 1 p.m. in Trowbridge Hall, University of Iowa, Iowa City, Iowa. One annual International Fossil Exposition is held in April.

MAPS official publication, MAPS DIGEST, is published 9 months of the year--October through April, May/June, July/August/September.

President: Marvin Houg, 3330 44th St. NE, Cedar Rapids, IA 52402
 1st Vice President: Dale Stout, 2237 Meadowbrook Dr. SE, Cedar Rapids, IA 52403
 2nd Vice President: Karl Stuekerjuergen, 1503 265th Avenue, West Point, IA 52656-9029
 Secretary: Alberta Cray, 1125 J Avenue NW, Cedar Rapids, IA 52405
 Treasurer: Sharon Sonnleitner, 4800 Sunset Dr. SW, Cedar Rapids, IA 52404
 Immediate Past President: Gil Norris
 1 yr. Director: Tom Walsh
 2 yr. Director: Blane Phillips
 3 yr. Director: Allyn Adams
 Membership: Dale Stout, 2237 Meadowbrook Dr. SE, Cedar Rapids, IA 52403

Dated Material - Meeting Notice

CYATHOCRINITES



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 MAPS DIGEST Editor
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