

M.A.P.S. Digest



Volume 3 Number 1

September, 1979

Official Publication of the
Mid-America Paleontology Society

FROM GIL'S DESK

Because of the support and untiring efforts of many members, MAPS has reached new heights during my year as President. I wish to thank everyone for his efforts and ask each of you to continue this support for our incoming President.

MAPS has grown beyond anything we could project when we started. For me the high point of my year was Expo I when there were more fossils on display and available for purchase or trade than I have seen in any location before this time. The second high point was at the Bedford Swap where there were 20 fossil collectors who had been brought together by MAPS.

FEEDBACK NEEDED

Gil has been approached about having Expo III at Indiana State College, Terre Haute, IN, in April, 1981. The facilities are equal to Western Illinois and the only cost would be to hire a person to open the Union on Sunday morning. The question is-- would such moving around strengthen the club and Expo, or weaken them?

The decision on this will need a recommendation from the Board of Directors at their November meeting. There are many pros and cons to be considered to this question.

In order that the Board make a recommendation in the best interests of the MAPS membership, feedback from you is essential. Send an expression of your feeling to Gil Norris, 2623 34th Avenue, Rock Island, IL 61201-- Should the location of Expo III, 1981, be changed from Western Illinois, Macomb, IL, to Indiana State College, Terre Haute, IN?

MARK YOUR CALENDARS

- 6 Oct. MAPS meeting -- Field Trip
Lehigh Quarry, Kankakee, IL
 - 7 Oct. MAPS Field Trip, Pit 11,
Braidwood, IL
- *****
- 29 - 30 Sept., Elgin Rock & Min. Soc.
Hemmens Exh't. Hall, Elgin, IL
 - 12 - 14 Michigan Minerology Society,
Oct Lightguard Armory, 4400 E. 8 Mi
Road, Detroit, MI
 - 22 - 23 NATIONAL FOSSIL EXPO II
Mar Western Illinois University
Macomb, IL

MAPS MINUTES -- JULY

The Mid-America Paleontology Society met at the Edwards River Swap which was held at Joy, IL, July 14 & 15.

The meeting was called to order by the Pres., Gil Norris. He inquired if there were any additions or corrections to the minutes as printed in the Digest. There being none, they were approved as printed.

The treasurer's report showed a balance on hand of \$117. It was noted that it costs approximately \$60 for printing and mailing the bulletin each month.

There was a discussion of the Midwest Federation Show to be held in Ohio, in August. A MAPS meeting is scheduled to be held there; however, there is a question as to the availability of gas. Helen Asher will be our delegate. The Wallace Harrises and the Osterbergers indicated they were planning to attend. Gil asked that those going to Ohio push Nat'l. Fossil Expo II which will be held in Macomb, IL, at Western Illinois University, March, 1980.

Gil reported the MAPS meeting in WI was not held due to the poor attendance.

A field trip was discussed for the October meeting rather than our regular monthly meeting. Several sites were discussed. Nothing definite set up.

Gil introduced Madelynne Lillybeck, our new editor of the MAPS Digest. She stated the bulletin will continue to be educational much the same as Dick has done in the past.

The birth of Daniel DeRosear, July 12, to Doug & Cheryl DeRosear, was announced. Doug was present to receive congratulations; however, Cheryl was still in the hospital.

Don Good, Chairman of Nat'l. Fossil Expo II, stated he felt we should reconsider the cost for renting a table

per day at the Expo. Consensus of opinion was that we charge \$5 for 1 day and \$8 for the two days.

The mailing list was discussed. It was thought perhaps we could qualify for non-profit mailing.

It was announced that Dennis Kingery has purchased a rock shop in Rock Springs, WY, and would be moving there in about a month.

Meeting adjourned.

Respectfully submitted
Alberta Cray, Secretary

MAPS MINUTES -- AUGUST

MAPS met at Midwest Federation Show, Wonderful World of Gems '79, in Veteran's Memorial. Eight members and three guests attended.

Wallace Harris chaired the gathering in the absence of the Pres., Gil Norris. Wallace told when MAPS began and its progress. He gave reflections of the all Fossil Show and Swap in Macomb, Mar. '79 in Tanner Hall on WIU Campus. He also announced that the Show will be held in the same place March 22-23, 1980. Announcements were handed out.

Some discussion as to advertising this year's show followed. One view was that if advertised as a fossil show, those interested in fossils only would attend. If people interested only in minerals, they would not attend. Some thought advertising in local areas needed. Others agreed that word of mouth was best advertising.

Lloyd Millhorn announced that Roger Pabian of Lincoln, NE, said he would like to see an hour and a half discussion at their show in Lincoln, NE, next year (1980)--some sort of educational symposium.

Lloyd Millhorn brought a fossil display of jelly fish of the Mississippian age.

Respectfully submitted
Esther Harris
Secretary Pro Tem

MAPS MINUTES -- SEPTEMBER

The September MAPS meeting was called to order in Exposition Gardens, Peoria, IL, by the Pres., Gil Norris. In the absence of the Secretary, no minutes were read.

The treasurer's report was read and approved. Balance on hand \$137.18.

Ray Fairbanks, nominating committee chairman, presented the following slate of candidates for office to be voted on at the October meeting: President, Don Good; Vice President, Wallace Harris; Secretary, Cheryl De Rosear; three new directors, one to fill the normal yearly vacancy, one to replace Lloyde Rose who is moving to North Carolina, and one to replace Don Good new candidate for President. Nominations for new directors included Gil Norris, Ray Fairbanks, and the third candidate to be announced pending acceptance.

Wallace Harris reported on the Midwest Federation Show. Two things: next year (1980 Show) do not list chemical components on samples, only group; also, MAPS is invited to present a 3-pronged seminar--regular, children's, and senior citizen. The club voted to be responsible for such a seminar and to hold the 1980, June, MAPS meeting at the Nat'l Show, Lincoln, NE.

The club voted to join with Cedar Valley and Old Capitol Clubs on a field trip for the October meeting. Charles Shoemaker, host, asked that anyone planning to attend meet at the gate to Lehigh Quarry, Kankakee, IL, by 10 a.m. for the Saturday, October 6, field trip. (Editor's note--see elsewhere in the Digest for further details). MAPS meeting will be held Saturday evening, meeting place to be announced in Kankakee. Sunday's field trip into Pit 11 will be crystallized at that time.

It was voted to hold the August, 1980, MAPS meeting in New Bedford, IN, in conjunction with the New Bedford Swap. Two invitations were received for the

September, 1980, MAPS meeting: Greenfield, IN, Show and the Peoria, IL, Show. The club voted to hold the September meeting at the Peoria Show. MAPS expresses thanks to the Greenfield, IN club for its invitation.

A discussion followed as to the location of Nat'l. Fossil Expo III, MAPS own Swap. The campus at Terre Haute, IN is available as is the present location at Western Illinois Campus, Macomb, IL. After some discussion it was decided to table the decision until November with the Board of Directors assembling pros and cons for membership vote.

Helen Asher introduced the speaker, Dr. Merrill Foster, Bradley University, who enlightened us about-- "Eyes of Trilobites".

Respectfully submitted
Peggy Wallace
Secretary Pro Tem

SOMETHING NEW

Prominently relocated--our Logo, Cyathocrinites, a crinoid living from Middle Ordovician to Upper Permian, a span of some 220 million years. You will know immediately when your MAPS Digest arrives; there, with your name you will spot the club Logo.

MAPS Digest, page 1, has had some changes, also, along with the addition of a picturesque, imagined scene of a floor in an ancient sea.

Many thanks are in order to commercial artist, and fellow MAPS member, Bob Kenyon, for a most generous contribution. Bob has also produced some illustrations found elsewhere in the Digest.

FOR YOUR ENJOYMENT

"An Ocean Is Born," condensed from GEO, in the September issue of Reader's Digest.

A RECAP

"Eyes of Trilobites"

Dr. Merrill Foster, Prof.
Geology Department
Bradley University
Peoria, Illinois

Trilobite eyes are the oldest eyes known on earth--600 million years. They are the best known structure for study from Cambrian to Permian, covering a span of 400 million years.

Trilobite species have 2 kinds of eyes--holochoreal, having a common membrane, and schizochoreal, having a separate or split membrane.

Trilobites had a variation of field of view. Some had a whole panoramic view, some a lateral view, some had a field downward. Most species could not see much below the horizontal.

The trilobite eye is a calcite eye--most unusual. A good eye has 120 thousand lenses, comparing favorably with the eye of the dragonfly, the best eye for scientific study.

The eye is raised in a log rhythm spiral. The optic nerve probably protrudes around the eye.

No one can actually say exactly what the trilobite could see--perhaps there was a micro-mosaic of the image present in each lens.

Physicists were able to accomplish only in the last 200 years what was accomplished in a lens system in the trilobite eye.

Probably the major use of the eye was not to find food since the trilobite was a mud grubber, but was for defense. The trilobite has the biggest eyes and the best enrollment--2 survival mechanisms.

(Editor's note: Science is marvelous. That little sea animal with those pop eyes--and what amazing eyes they were. Excellent, Dr. Foster.)

NATIONAL FOSSIL EXPOSITION II

An overview of National Fossil Exposition I may be the way to head into this. About 250 persons participated in the all Fossil show - swap - sell at Macomb last Spring. Forty individuals filled 600 feet of tables with fossils. Without a doubt, it was the single largest assemblage of fossils anywhere, any time. Too, the variety and quality of the fossils were outstanding. To all who were there "it was the greatest," exceeded in wonder only by the anticipation of what next year's show would be like, when it will surely double in size.

Already 30 cards requesting the additional information have been received, including those from 2 foreign collectors. The packet of additional information will be mailed in late January.

The charge per 6 foot table at Expo II will be \$5 per day or \$8 per weekend. Depending on the advanced reservations, it may be necessary to limit the number of tables per individual to 2 or 3.

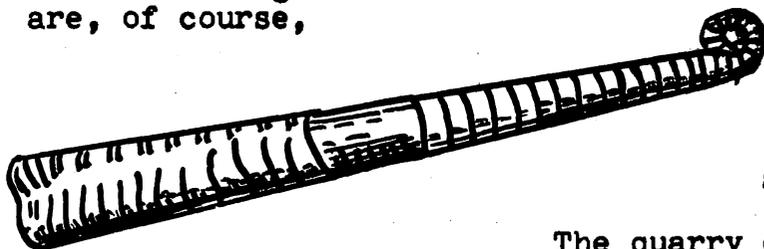
One area in which I would appreciate some input is: Do we want local advertising. I felt that as a non dealer I preferred to not have a large general public to contend with. My 2 reasons were: 1) I preferred to spend my time with serious collectors, and 2) We had no problems with pilfering. On the other side of the coin: Dealers may have sold more and a better awareness opportunity, including the loss of more potential club members may have been sacrificed. What are your thoughts?

I am in need of names and addresses of persons who can help disseminate the flyers, especially in areas outside the midwest. If you are in a position where you can and will aid in this, let me know how many flyers you wish. Every one of us is on the advertising committee.

Don Good
410 N.W. Third St.
Aledo, IL 61231

OCTOBER MEETING -- FIELD TRIP

We wish to thank Charles Shoemaker, our host for the day, October 6, and Lehigh Quarry operators, Kankakee, IL who have been so cooperative in making the exposure available to us. Please respect their concern for safety: stay off faces of the quarry, do not climb directly over other member participants and avoid overhangs of loose rock. Hard hat and safety shoes are, of course,



the order of the day. Take I-57 south to Illinois 17, west on Ill. 17 approximately 5 miles. Look for Lehigh Road. The quarry is located just south of Ill. 17 and can be seen from the highway.

The quarry exposes a Silurian (Niagaran Fm.) inter-reef. The exposed rocks are lower Racine and upper Joliet--early to middle Silurian. The Silurian of the Mid-continent is perhaps the most geologically perplexing of all systems. Lithologically, Silurian strata are composed almost entirely of buff to yellow dolomite. This situation is difficult to explain, since field evidence suggests that in excess of one hundred thousand square miles of limestone approximately 200 feet thick was dolomitized at essentially the same time throughout the Mid-continent region.

Another curiosity of the Silurian is that almost all fossils are preserved as internal or external molds. For some unknown reason, solution of the shell material preceded replacement by dolomite.

You will be looking for both coiled and straight cephalopods, gastropods, 3 species of trilobites, and other fauna.

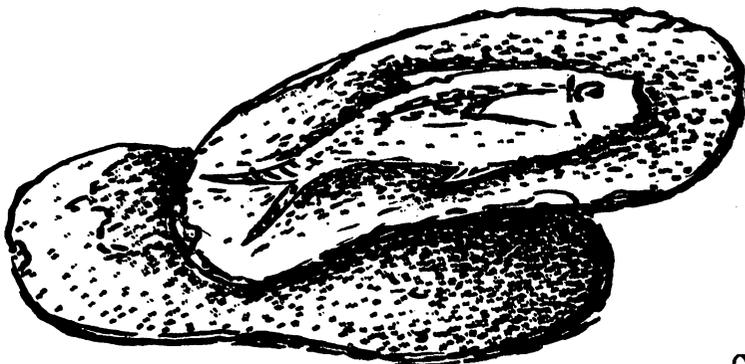


There will be 3 clubs enjoying this field trip so two requests are in order: Please, no children under 16 years of age; and, sorry, but no guests. Thank you very much.

A MAPS meeting will be held in the evening of October 6, at 7:30 p.m., the place to be announced at the quarry. A second field trip is planned for Sunday, October 7, to Pit 11, Braidwood, IL. Specifics as to time, and place to meet will be crystallized Saturday at the MAPS meeting.

The discovery of collecting site, Pit 11 (operated from 1945 to 1974 by the Peabody Coal Company near Essex), led to an advance in the Mazon Creek studies. Before the discovery the biota of Mazon Creek was about 95 percent plants.

In addition to



flora, Pit 11 yields a most unusual and extensive marine fauna. It includes soft-bodied animals not otherwise represented in the fossil record. The most celebrated is the "Tully monster" (Tullimonstrum gregarium) named for its discoverer, Francis J. Tully. A cracked concretion may yield a shrimp, a blade, a neuropteris, a (blob)--newly named jellyfish, or one of a number of other specimens.

Good luck! Find a museum specimen!

MAZON CREEK FOSSILS

Matthew H. Nitecki, Editor
Academic Press, New York, 1979
ISBN 0-12-519650-4

A Book Report
Submitted by John J. Fagan

Book Price: \$29.95

This book brings together the papers presented at the MAZON CREEK FOSSILS SYMPOSIUM held at Ann Arbor, Michigan, May 1, 1978. Nitecki divides the volume into four sections: I) Introduction and papers on sedimentation, fossil distribution, and the origin of the concretions; II) Paleobotany; III) Invertebrate paleontology, and IV) Vertebrate paleontology.

The amateur collector will probably be most interested in sections III and IV where several organisms are described for the first time. The common "blob" from Pit 11 is described as a Coelenterate belonging to the Order Rhizostomeae? and is given the name Essexella astherae Foster.

Other organisms described:

- a. A new species of gastropod: Euphemites Richardsoni
- b. A new species of centipede: Mazoscolopendra richardsoni
- c. Five new species of fish: Polysentor gorbairdi,
Similihariotta dabasinskasi, Jimpholia erinacia,
Dabasacanthus inskasi, and Bendringa herdinae.

The chiton from Pit 11 which was described by Dr. Richardson as Helminthochiton coninnus has also been renamed Pterochiton coninnus.

A list of all the articles that are in the book follows:

1. Mazon Creek Fauna and Flora: A Hundred years of Investigation
2. Pennsylvanian Sedimentation in Northern Illinois: Examination of Delta Models
3. Lithology and Fossil Distribution, Francis Creek Shale in Northeastern Illinois
4. The Occurrence and Origin of Siderite Concretions in the Francis Creek Shale (Pennsylvanian) of Northeastern Illinois
5. Evidence of Soft-Sediment Cementation Enclosing Mazon Plant Fossils
6. High Diversity and Stratigraphic Age of the Mazon Creek Flora
7. The Mazon Creek Flora: Review of Research and Bibliography
8. The Mazon Creek Biotas in the Context of a Carboniferous Faunal Continuum
9. Soft-Bodied Coelenterates in the Pennsylvanian of Illinois
10. A Reappraisal of Tullimonstrum gregarium
11. Gastropoda of the Essex Fauna, Francis Creek Shale, Northeastern Illinois
12. Polyplacophoran Mollusks of the Essex Fauna
13. Middle Pennsylvanian (Desmoinesean) Cephalopoda of the Mazon Creek Fauna, Northeastern Illinois
14. The Centipedes (Chilopoda) of the Mazon Creek
15. Evidence for Subaerial Activities of Euproops Danae
16. New Chondrichthyes from the Mazon Creek Fauna
17. Fishes of the Mazon Creek Fauna
18. Amphibamus grandiceps as a Juvenile Dissorophid: Evidence and Implications

Second article by John, addressed to Pit 11, next issue.

A new column is born. There is an increasing amount of material being published every day, and each of you have special sources of reading. The more contributions the more exciting this column will become. So begins.....

TREASURE CHEST OF KNOWLEDGE

As recently as 6,000 or 7,000 years ago much of the North Sea floor and English Channel formed a low, swampy land connecting Britain with the Continent. At the end of the last glaciation about 10,000 years ago...easy migration of plants, animals, and early humans was possible across this area from the Continent to Britain for at least 3,000 years.

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The most important early record of a careful interpretation of fossils was that left by the Italian genius Leonardo da Vinci, one of the most original natural philosophers of the early Renaissance. About AD 1500 he recognized that fossil shells in north Italy represented ancient marine life even though found in strata exposed many miles from the nearest seashore. In opposition to the popular view that fossils had been washed in by the biblical Deluge, he argued that clams could not travel from the Adriatic Sea to Lombardy, a distance of 400 Kilometers (248.4 miles) in 40 days. Many of the shells certainly could not have been washed inland great distances because they were too fragile. He also pointed out that the associations or assemblages of different kinds of fossils found in these ancient strata were still intact and resembled living communities of organisms that he observed at the coast. Leonardo further noted that there were many distinct layers that were fossil-rich and that these were separated by completely barren nonfossiliferous ones.

(continued page 9)

 These shells (fossil) are the greatest and most lasting monuments of antiquity, which in all probability, will far antedate all the most ancient monuments of the world, even the pyramids, obelisks, mummies, hieroglyphicks, and coins.... Nor will there be wanting media or criteria of chronology which may give us some account even of the time when (they formed).

Robert Hooker (1703)

THREE CHEERS FOR PEORIA-AREA FOSSIL HUNTERS

(Reprint from Crystal-Lines, August - September, 1979, Peoria, Illinois)

A few dedicated Peorians and LaFayette "hunters" have finally received the recognition they deserve. I think of them as "the old timers of Pit 11 and Astoria 'lode-luggers gang'". They are Mildred Scheffel, Helen Asher, Leonard Lasco, and Jock Ingels.

A recent publication called Mazon Creek Fossils edited by Matthew Nitecki, Academic Press has two abstracts by Dr. Merrill Foster, Geology Department, Bradley University. One is on the jellyfish of Pit 11 and Astoria; the other on the tully monsters - same locations. The former has given names and descriptions to the (blobs) jellyfish of Pit 11 and Astoria. Of interest to most Peorians are Essexella aspherae named for our own Helen Asher of Peoria, Illinois and Lascoa mesotaurate named for our own Leonard Lasco of Peoria, Illinois.

Also in his publication were beautiful specimens from Mildred Scheffel's collection.

An earlier publication from Fieldiana (Field Museum of Natural History) by Dr. Frederick Schram, formerly of Eastern Illinois University at Charleston, Illinois, Volume 35, No. 3, Publication 1227, a new shrimp was named for our good friend Corliss "Jock" Ingel's family of Lafayette, Illinois. It is called Anthraconhausia ingel-sorum.

We should be very proud of these friends and give credit to Dr. Merrill Foster for his job well done and

(continued page 9)

Please add the following to your list of members:

William D. Beck
5117 N. Indiana Avenue
Terre Haute, IN 47805
812-466-6318

Collecting 10 years. Offset press mechanic. Will trade. Interested in all types of fossils. Would like to meet other collectors.

Mr. & Mrs. Dan L. Cooper
5732 Lake Huron
Fairfield, OH 45014
513-863-1304

Collecting 5 years. Computer Programmer. Will trade. Interested in edrioasteroids, ammonoids, crinoids, trilobites. Would like fossil collector contacts.

George J. Foral
3510 North 58th Street
Omaha, NE
402-553-3440

Collecting 12 years. Appliance Technician. Cuts and polishes petrified wood, bone, and silicified shell coral. Fascinated with stone prehistoric life.

Mr. & Mrs. R. F. Gingras
Granby Dinosaur Museum
194 West State Street
Granby, MA 01033
413-457-7822

Collecting 10 years. Curator. Will trade. Interested in dinosaurs, trilobites, crinoids. Love of fossils

Mary Pat Helmus
4856 N. Lowell
Chicago, IL 60630
312-282-2979

Collecting 3 years. All fossils from Cambrian to Permian. Loves fossils and wishes to learn as much as possible. Will trade.

Irene K. Joyce
246 N. Rensselaer Avenue
Griffith, IN 46319
219-924-1959

Collecting 14 years. Teacher. Collects all vertebrate fossils. Will trade.

Ken Karns
302 Knollwood Drive
Lancaster, OH 43130
614-653-9309

Collecting 5 years. Specializes in trilobites, interested in all areas. Will trade. Student (college). Joined because the club is strictly fossil.

Gerald J. Kloc
82 Shirley Avenue
Buffalo, NY 14215
716-833-5562

Collecting 7 years. Teacher. Will trade. Interested in brachiopods, ammonoids, corals. Would like to trade and meet new fossil collectors.

Ruth M. Landry
4803 Benning Drive
Houston, TX 77035
713-729-2267

Collecting 5 years. Secretary--retired. Will trade. Likes field trips and courses. The club sounds interesting.

Mr. & Mrs. Walter H. Lietz
305 Daniels Street
Wilmington, IL 60481
815-476-6377

Collecting 6 years. Will trade. Retired. Collects Mazon Creek fossils. Interested in all kinds of fossils.

Paul & Bernice Marshall
416 W. Armstrong
Peoria, IL 61604
309-688-4070

Collecting--embryo. Sales Engineer. Possibly trade. Interested all trilobites horned corals, cephalopods, all fossils.

Mrs. Irene D. Offeman
5306 Pine Forest Rd
Houston, TX 77056 --713-622-8489

Collecting 15 years. Catalogs & organizes Houston Museum. Paleozoic invertebrates. Exchange information with other members.

Charles E. Oldham
7405 W. Hwy. 22
Crestwood, KY 40014
502-241-8755

Rick and Kathy Poropat
5553 Golf Ridge Dr. Apt E
St. Louis, MO 63128
314-843-9449

Mrs. Jennie R. Smith
4400 San Carlos Drive
Fairfax, VA 22030
703-273-1468

Raymond Staniz
2508 Garfield Avenue
Terre Haute, IN
812-466-1768

Diana W. Tors
2311 Donella Circle
Los Angeles, CA 90024
213-472-7191

Tom, Peg, & Tim Walsh
501 E. 19th Avenue
Coal Valley, IL 61240
309-799-3626

Has 3500 specimens. Will trade. Geologist. Likes all fossils, special interest in Ordovician. Would like to know other collectors and trade.

Collecting 8 years. Will trade. Cartographer-DMAAC. Collects all types of fossils. Meet new people similar interests, share, learn more about fossils.

Collecting 9 years. Will trade. Housewife. Midwest fossils and Miocene fossils of Maryland. Wants to know other people with a common interest in fossils.

Collecting 5 years. Will trade. Printer. Interested in all fossils. Wants to contact other people with common interest.

Collecting 10 years. Fossil dealer. Will trade. Interested in fossils from WY, UT, Baja, CA. Wants to exchange and compare information on fossils and sites.

Collecting 30 years. Computer specialist. Does not want to trade yet. Interested in all fossils. Wants to learn about fossils and sites.

THREE CHEERS FOR FOSSIL HUNTERS, Con.

ridding us all of that degrading word, "blob". Let's all start using the words Essexella and Lascoa or at least "our" jellyfish.....

Bob Cooper

(Editor's note--4 of the above mentioned names, Helen Asher, Jock Ingel, Mildred Scheffel, and Dr. Foster, are MAPS members. Although Leonard Lasco is not one of our members, we include him and MAPS gives three cheers to each of you. Three more cheers for "amateur" collectors. Who among you will be next?)

DUES ARE DUE

If you are a new member, here is a schedule of payment: October - March, full payment; April - June, half payment; July - September, your dues are paid until October, 1980. For all the rest of us--Send Checks. We're off to another exciting year.

TREASURE CHEST OF KNOWLEDGE, Con.

This suggested to him, by inductive reasoning, from seasonal flooding of rivers that there were many events recorded rather than a single, worldwide deluge.

EVOLUTION OF THE WORLD

Robert H. Dott, Jr.

Roger L. Batten

Well, that's it for Volume 3 Number 1. There was simply not enough room for another article submitted by John Fagan relative to Pit 11. It seemed appropriate to use Mason Creek related articles this issue. Another page would skyrocket the postage rate, so there is something to look forward to in October.

Next issue should see more articles from you who have been doing your homework. Many thanks and keep them coming.

For the few remaining weekends before cold weather -- get out and collect.

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 materials; 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.

MAPS IS AFFILIATED WITH THE Midwest Federation of Mineralogical and Geological Societies, and with the American Federation of Mineralogical Societies. Membership in MAPS is open to anyone, anywhere who is sincerely interested in fossils and the aims of the Society.

Family membership \$6.00; individual membership \$5.00; junior membership \$3.00 (between ages 8 and 16); dealer membership (non voting) \$20.00.

MAPS meetings are held on the 1st Saturday of each month (2nd Saturday if inclement weather) October thru May at 2 PM in the Science Building Augustana College, Rock Island, Illinois.

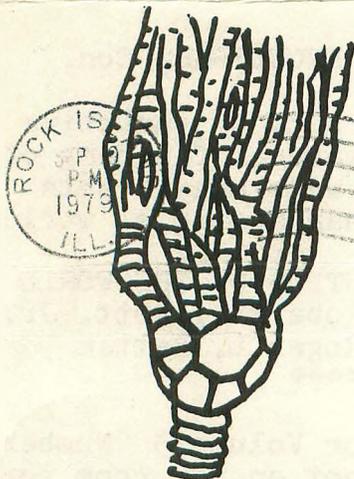
President: Gil Norris, 2623-34th Ave. Ct., Rock Island, IL 61201

Vice President: Doug DeRosear, P. O. Box 125, Donnellson, IA 52625

Secretary: Alberta Cray, 1126 J Avenue, NW, Cedar Rapids, IA 52405

Treasurer: JoAnn Good, 410 NW 3rd Street, Alledo, IL 61231

DIGEST Editor: Madelynne Lillybeck, 1039-33rd St. Ct., Moline, IL 61265



FIRST CLASS MAIL

CYATHOCRINITES

MID-AMERICA PALEONTOLOGY SOCIETY
 Madelynne Lillybeck
 MAPS DIGEST Editor
 1039-33rd St. Ct.
 Moline, IL 61265

Allyn Adams
 612 W. 51st. Street
 Davenport, IA 52806

Dated material - meeting notice