

# THE ROCKFINDER

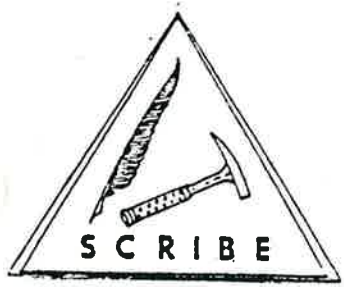


ED MILLER, EDITOR  
MICHIANA GEM & MINERAL SOCIETY  
3431 EAST 18TH B RD.  
TIPPECANOE, IN 46570



**FIRST CLASS MAIL**

LARSON, JOYCE  
144 Spruce Drive  
Westville, IN 46391



# THE ROCKFINDER

REGULAR MEETING - Sunday September 23, 1990

WestministerPresbyterian Church, Cleveland Rd., South Bend

Program- Bob & Margaret Heinek will present a slide program of the Natural Bridges National Monument of South Eastern Utah.

Doors open 1:30, meeting 2 PM.

Hostesses: Joe Fashbaugh, Mary E. Miller and Sister Georgia.

## MARGARET'S COLUMN

My thanks to all who worked in making our show a success. Everyone tells me it was a good show. As most of you know I was confined to the Memorial Hospital with a broken hip. I couldn't talk the nurses into putting me into a wheelchair and taking me to the show!

My special thanks to all who worked and especially to Marie Crull and my Bob for taking over and seeing that things went well and smoothly. I know many members worked and put in a lot of hours at many jobs, so "THANKS" to all.

Come to the meeting next Sunday and we will give you a report on the show. There will not be a meeting in October due to our trip to the Cleveland Museum to see the exhibit "Gem Fire". We must have your reservation and money by Oct. 1st in order to reserve the bus.

We will leave South Bend about 7:00 AM from the 1st Source Bank on US 31/33 N and Cleveland Rd. The cost will be \$18.50 per person per member and \$28.75 for non members. We will "brown bag" our lunch and will stop on the way home for supper. If you would like to go, let Margaret know at the meeting and pay if full, as this is your confirmed reservation.

We have some new members and some new addresses for some of our old members: Ed and Marsha Miller, 3431 East 18th B Rd. Tippecanoe, IN 46570. Will give you others at the meeting.

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I sincerely hope everyone has had a good summer: it sure has been a busy one for many of us. And a bad one for some. Several of our members have had surgery, Fred Niebauer for one. Fred had a valve replacement about 6 weeks ago, and Addie tells me she is recovering quite well; walks 2 miles a day. Addie is walking with him. Jim Russell will go to Memorial in August to take care of a blockage. We wish him well. Paul Karsarda has returned home from a nursing facility after a siege of illness. Talked to Gertrude Orrell, and she is about the same, still do not know what is causing her leg pain. Katie and Stew Biek are now residing in St. Pauls retirement home, and they like it real well. If you know of more illness, please let us know.

Jess Wise is "under the weather", and we wish him well. How about cards to our our ill people?

Sister Jean, our treasurer, has been to Europe, should return late July. Catherine McHugh took a trip with her daughter and a grandson to Hungary. What a traveler! Bob and Kathy Miller, Bob and I (Heineks) were in Ventura, Calif. for the National Gem Show, where Bob Miller took the national Trophy for his carving, Sampson...HURRAY....We are proud of him. If you had seen his competition, you would know why he took the award. But the other carvings were outstanding too.

Our trip was about 6000 miles, taking 4 weeks, to Ventura and home. On the way there we went to the Petrified Forest, the Tar Pits in Los Angeles, Sequoia Park to see the big trees, San Francisco, Reno (we lost \$10.00) and all points in between. We visited friends we had not seen for years, and had beautiful weather until we started to leave Des Moines where it rained. Ventura was cool enough for a jacket some of the time.

On to August- the ANNUAL CLUB PICNIC will be Aug. 5, at the Lakeville Conservation Club. As usual the meat will be furnished, as well as the rolls, punch, mustard and ketchup. Bring a covered dish to share, but if you want coffee or tea, bring that too. Also bring your plates and silverware.

It is time to be thinking about what you will do at the club show Aug. 31, Sept 1 & 2. We neek help in set up, take down, club booth, door, silent auction and DISPLAYS. We really need displays, so get them ready. We will have sign up papers for the jobs. SEE YOU AT THE PICNIC and definitely at the show.

Our Editor, Ed Miller and Marsha will be married on Aug. 4, and we all wish them luck and happiness.

The Shoemakers have a new address: 1803 Oak St. Bettendorf, Iowa.

*Margaret*

MARILYN MEIER (McHUGH) HAS ANOTHER  
ARTICLE IN LAPIDARY JOURNAL - AUG. 90

MINUTES OF THE MICHIANA GEM & MINERAL SOCIETY CLUB PICNIC FOR AUGUST.

The club picnic was held August 5, 1990 at the Lakeville Conservation Club. There were 27 attending.

Margaret Heinek opened the meeting at 1:50 P.M.

The club show will be Labor Day weekend at Century Center. Sign up sheets were passed for workers to donate their time at the show. If you would like to work and have not signed up, please contact Kathy Miller.

President Heinek has made arrangements for a bus trip to Cleveland, Ohio on October 21st. We will be given a personal tour of the Gem Exhibit there.

We will leave South Bend about 7:00 A.M. from the 1st Source Bank on U. S. 31 North & Cleveland Road. The cost will be \$18.50 per person per member and \$28.75 for non members. We will "brown bag" our lunch and will stop on the way home for supper.

If you would like to make a reservation, send your check in full to Margaret Heinek as this is your confirmed reservation by October 1st. This will be a first come basis on reservations, so don't wait to sign up!!

Bill Crull, delegate for the 1990 Midwest Federation Show gave a report on the meeting there. Margaret Heinek was elected president & Kathy Miller was elected 2nd vice president.

Some of us attend the wedding uniting Ed Miller and Marsha Kreft. It was a very beautiful wedding and also a very large wedding of about 600 people. We wish them much happiness.

Rev. Calhoun has rejoined our club and donated a book to our club.

PLEASE MARK YOUR DIRECTORY!!!!!!

New Members:

Rev. Lawrence Calhoun  
7841 Reseda Blvd, Apt 320  
Reseda, CA 91335-no phone yet

Margaret Schultz  
2117 Hollywood Place  
South Bend, IN 46616--234-1371

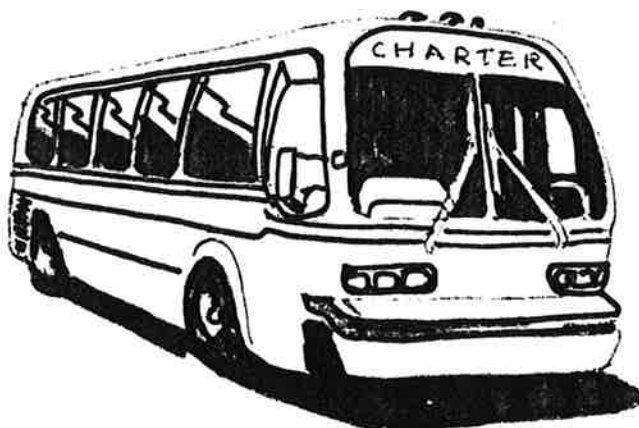
Stanley J. Jacobs  
9307 W. Pals Road  
Michigan City, IN 46360--8723849

Sister Margie Parkers, Sister Jeanne Finske and Sister Georgia Costin have a new address also, which is:  
Basil Hall II  
St. Mary's College Convent  
Notre Dame, IN 46556--284-5696

See you all at the club show Labor Day weekend and September 23rd meeting at Westminster Church at 1501 Cleveland Road, South Bend, IN

Respectfully Submitted,

Marie Crull, Secretary



DON'T MISS  
THE CLEVELAND  
TRIP - OCT. 21

"GEM FIRE  
EXHIBIT"

Mississippian age fossils in Hoosier Rocks

Middle Mississippian Formations:

1. Harrodsburg Limestone - Washington County

crinoids and bryozoans in upper 15 ft of formation.

2. Salem Limestone - Washington County

foraminifera and small crinoid stems

Endothyra baileyi (Hall)

3. St. Louis Limestone - Lawrence County

Lithostrotonella castelnaui (Lithostroton canadense)

4. St. Genevieve Limestone - Lawrence County

Platycrinus penicillus

5. Paoli Limestone - Orange County (fossiliferous)

Spirifer leidei

Composita trinucula

Talocrinus (rare)

6. Mooretown sandstone - Lawrence County

contains thin coal beds with fossils below coal

seams and on top of sandstone

Lipidodendron casts

Stigmara carbonica

7. Beaver Bend Limestone - Putnam County

Productus elegans

Talocrinus (rare)

8. Reelsville Limestone - Putnam County

Shark's teeth

Endothyra

Pentremites

Productus inflatum (rare)

9. Beech Creek Limestone - Greene County

large crinoid stems

Martinia contracta

Pentremites godini

Productus inflatus (rare)

10. Golconda Formation -

Pterotocrinus plates

Pentremites

many Archimedes

11. Glen Dean Limestone - S.W. Indiana

Pentremites spicatus (in Limestone)

Archimedes meekianus (Hall) (Bryozoa)

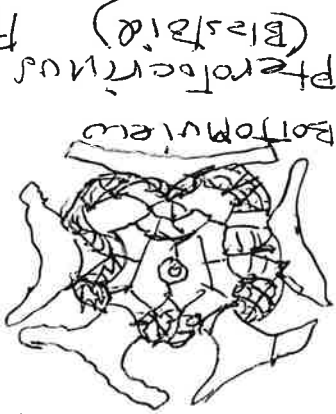
Archimedes meekianus McFarlan



Archimedes distans (Ulrich)



Pterotocrinus (Bassler)



Shark tooth

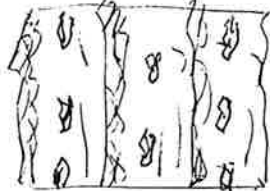


side view

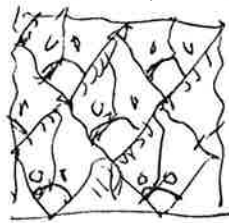


Pentremites godini (Bassler)

Stigmara root of scale tree



Lipidodendron portion of trunk

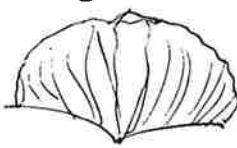


Plant fossils

Composita (Burchipod)



Spirifer (Burchipod)



crinoid stems



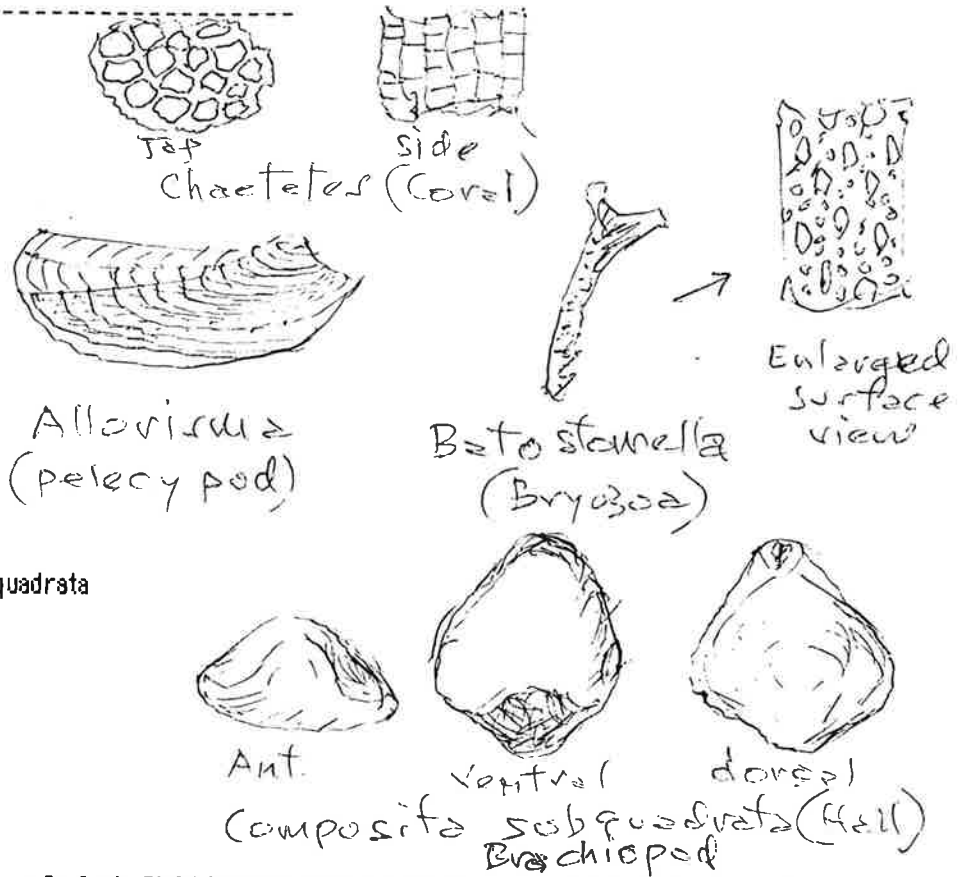
Endothyra baileyi (Hall) (Foraminifera)



Prismopora serrulata in shale above.

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Upper Mississippian Formations

1. Tar Springs sandstone - scanty plant remains
2. Vienna Limestone
3. Waltersburg Sandstone
4. Menard limestone  
Allorisma (abundant)  
bryozoans  
crinoid stems
5. Clore limestone -  
Bastostomella nitidula  
numerous Composita subquadrata
6. Degonia sandstone
7. Kinkaid limestone -  
Spirifer increbescens  
Chaetetes



BIBLIOGRAPHY:

1. Cir 3. Guide Book - "Indiana Geologic Field Conference" - 1948 - Upper and Middle Mississippian Formations of Southern Indiana.
2. "Excursions in Indiana Geology" - by Burger, Rexroad, Schneider and Shaver, Indiana Department of Natural Resources Geological Survey Guidebook
3. Crinoids from the Glen Dean Limestone (Middle Chester) of Southern Indiana & Kentucky Geological Survey Bulletin # 34, 1965.
4. Fenestrate Bryozoans from the Glen Dean Limestone of Southern Indiana Geological Survey Bulletin # 19, 1960
5. Bryozoans from the Glen Dean Limestone of Southern Indiana and Kentucky Geological Survey Bulletin # 26, 1963.

MIDWEST FEDERATION:

Russell and Doris Kemp, South Holland, Illinois



Russell and Doris Kemp need no introduction to the members of the AFMS as they have been active in the hobby for many years. Russell is a Past-President of the Midwest Federation, the AFMS Scholarship Foundation, and fulfilled the term as AFMS President in 1979

after the death of Ellis Courter. Doris has served as president of hobby organizations in the Chicago area and has been a volunteer consultant and lecturer for the Lizzadro Museum for many years. They have given over 700 programs to clubs and at shows where they have also provided exhibits many, many times. They have both written articles for the hobby magazines and club bulletins; Russell has been the editor of the Lizzadro Museum's publication for 27 years. Doris is an Honorary Member of the Midwest Federation and has served on many of the Federation's committees.



## REPORT ON BLM RULEMAKING FOR FOSSIL COLLECTING ON PUBLIC LANDS

Last month's AFMS Newsletter outlined the ten National Academy of Science recommendations used by the negotiators at Boulder, CO to draft an agreement for collecting fossils on federal lands. The final draft (except for #5 on commercial collecting) has obtained concenses agreement. Item #5 will be negotiated in the next several months. Once a regulation or regulations for BLM or USFS have been developed, the Federal Interagency Paleo Group will urge other Federal land management agencies (Corps of Engineers, Bureau of Reclamation, US Fish & Wildlife, National Park Service, etc.) to adopt (as far as possible) consistent regulations.

Before these recommendations become approved federal regulations, the final draft will be submitted to the Department of Interior (Secretary Manual Lujan), Office of Management and Budget, Legislative Council, other Federal Agency review (see above)(reviewed in 30 days by law), and filed in the Federal Register for public comment. The BLM agrees to provide a 60-day comment period and USFS will provide 90 days. NOTE-ALL BULLETIN EDITORS SHOULD PUBLISH LAST MONTH'S ARTICLE WITH TEN NAS RECOMMENDATIONS to inform our 50, 000 membership.

The BLM will provide the participants of the negotiating group with the date and content of regulations that will appear in the Federal Register. It is important that we NETWORK to inform all clubs so comments can be sent within the time limit. There are organizations that will be providing negative comments about amateur collecting particularly surface collecting of vertebrate fossils without a permit. Final draft rules on fossil collecting for scientific, recreational, and educational purposes (not for resale) will be discussed in detail next month. Collecting fossils for resale will be discussed when the final negotiated rules are completed.

The BLM will circulate to its State and District offices a memo which provides names, addresses, function, and expertise of various professional and regional amateur paleontological societies which may be useful to land managers. The basis of this list will be Appendices G and H of the NAS report Paleontological Collecting. Of the 63 known fossil societies and study groups, 36 clubs are members of the AFMS. (Some additional clubs were added from regional directories).

Added details on several of the 10 NAS recommendations approved,-

ITEM #4 FOSSILS OF SCIENTIFIC SIGNIFICANCE SHOULD BE DEPOSITED IN ACCREDITED INSTITUTIONS WHERE THERE ARE ESTABLISHED RESEARCH AND EDUCATIONAL PROGRAMS IN PALEONTOLOGY. THESE REPOSITORIES WILL ENSURE THAT SPECIMENS ARE ACCESSIONED, MAINTAINED AND REMAIN ACCESSIBLE/AVAILABLE FOR STUDY AND EDUCATION. "ACCREDITED INSTITUTION" REFERS TO A PUBLIC OR PRIVATE ORGANIZATION WHICH HAS ESTABLISHED FOSSIL COLLECTIONS SUCH AS COLLEGES, UNIVERSITIES, STATE GEOLOGICAL SURVEYS, AND MUSEUMS.( not required to be deposited in state where found, ie, in conflict with current state laws in UT, MT, WY, ND, and IL)

ITEM # 7 IN SPECIFIC AREAS WITH KNOWN FOSSIL RESOURCES AND WHERE THERE WILL BE SIGNIFICANT DEVELOPMENT OR DISTURBANCE, THE FOSSILS SHOULD BE INVENTORIED AT APPROPRIATE INTERVALS.( ON THE 270 MILLION ACRES OF BLM LAND, THE ESTABLISHMENT OF QUARRIES, MINES, POWER LINES, GAS AND OIL LINES, AND ROADS REQUIRES IDENTIFYING FOSSIL RESOURCES. AREAS CONTAINING FOSSILS OF SIGNIFICANT SCIENTIFIC VALUE THAT REQUIRE SPECIAL MANAGEMENT ATTENTION WILL BE DESIGNATED "AREAS OF CRITICAL ENVIRONMENTAL CONCERN" - ACEC. SPECIAL RULES WILL BE DEVELOPED, SUCH AS CLOSING THE AREA TO COLLECTING EXCEPT UNDER PERMIT.

ITEM # 10 THE PALEONTOLOGICAL SOCIETIES OF THE NATION SHOULD DEVELOP PERMANENT AND BROADLY-BASED EDUCATIONAL PROGRAMS TO INFORM LANDOWNERS AND COMMERCIAL AND AMATEUR COLLECTORS OF THE RESEARCH NEEDS OF PROFESSIONAL PALEONTOLOGISTS. THE FEDERAL INTERAGENCY WORKING GROUP WILL LOOK INTO WAYS OF EDUCATING THE PUBLIC AND DISSEMINATING AVAILABLE MATERIALS. POSSIBLE MEANS INCLUDE SHORT COURSES OFFERED BY FEDERAL AGENCIES AND PROFESSIONAL SOCIETIES, ARTICLES IN AMATEUR GROUPS' NEWSLETTERS, AND PROGRAMS IN MUSEUMS.

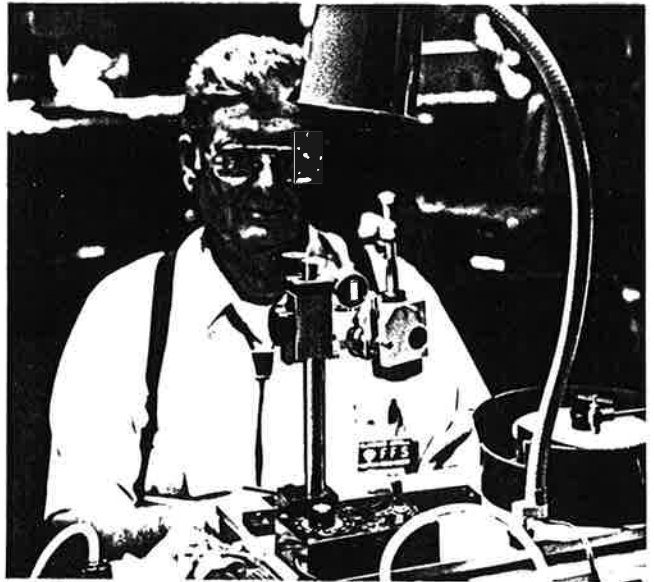
The bottom line---NETWORK\* NETWORK\*NETWORK INFORM YOUR MEMBERS

John Boland Conservation/ Legislation Committee



Here are a few photos I wanted to share with all of you. These were taken at the most recent Michiana Gem and Mineral Society Show.

I'm sure you will all find some memories on these pages.





THIS IS OBVIOUSLY NOT A  
PHOTO FROM THE SHOW !!