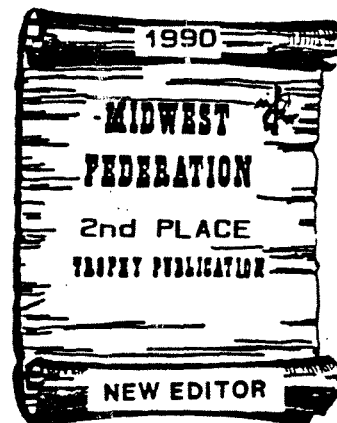




# PICK & SHOVEL

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Nature Center Displays  
MWF Show Report  
Junior Trips



Volume 31, Number 1  
September, 1990

Lincoln Gem and Mineral Club, Inc.

P. O. Box 5342

Lincoln, Nebraska 68505

# 1990 ELECTED OFFICERS

President: <b>Fred B. Holbert</b> , 2822 S. 13th St., Lincoln, NE 68502	423-5639
1st Vice President:	
2nd Vice President: <b>C. David Heffelbower</b> , 1819 Washington St., Lincoln, NE 68502	475-4713
Secretary: <b>Vera Lyman</b> , 420 N. 56th St., Lincoln, NE 68504	464-6089
Treasurer: <b>Phyllis Parks</b> , 2435 So. 19th St., Lincoln, NE 68502	476-6798
Board Member: <b>Francis Belohlavy</b> , 1919 "K" St., No. 4, Lincoln, NE 68510	477-4337
Board Member: <b>Roger Pabian</b> , 315 "D" St., Lincoln, NE 68502	474-2034
Board Member: <b>Sandra McNiff</b> , 2542 Colonial Dr., Lincoln, NE 68502	483-1165
Board Member: <b>Shirley Rockel</b> , 1134 West Avon Lane, Lincoln, NE 68505	464-3059

## NOMINATIONS COMMITTEE

3 Years: Kevin Schwartman, Chair.  
James Null  
Michael Smith  
2 Years: Roger Pabian, Eddie Ridge  
1 Year: Phyllis Parks, Janet Wright

## LONG RANGE PLANNING AND BY-LAWS COMMITTEE

3 Years: To be announced.  
To be announced.  
2 Years: Kevin Schwartman  
Jim Marburger  
1 Year: Bob Wright  
Linda Parks

## STANDING COMMITTEES

Calling: Shirley Rockel  
Education: Roger Pabian  
Field Trips:  
Historian: John & Lillie Lewis  
Hospitality: Wilma (Billie) Heffelbower  
Membership:  
Housing/Property: Jim Parks  
Junior Activities: Janet Wright  
Librarian: Jim Parks

MWF Liaison: Vera Lyman  
Programs: Francis Belohlavy  
Scholarship: Marie Taylor  
Christmas Party: Billie Heffelbower  
1990 Rockhound/Year:  
Charles Wooldridge  
1990 Show: Roger Pabian  
1991 Show: Gerald Moore

## AUDITING COMMITTEE, 1987-1988

Shirley Rockel  
Don Phillips  
Francis Belohlavy

## YOUR PICK & SHOVEL STAFF

Publisher: Lincoln Gem & Mineral Club, Inc., P. O. Box 5342, Lincoln, Nebraska 68505  
Editor: Roger Pabian, P. O. Box 5342, Lincoln, NE 68505  
Business Reporter: Vera Lyman  
Financial Reporter: Phyllis Parks  
Circulation : C. David and Wilma Heffelbower

The Pick & Shovel is the official publication of the Lincoln Gem and Mineral Club, Lincoln, NE. Articles and items appearing within may be reproduced in other club bulletins provided that proper credit is given to the Pick and Shovel and the author, and that a reprint of the bulletin is sent to the editor of the Pick & Shovel.

CALENDAR OF EVENTS

SEPTEMBER MEETING: Saturday, September 22, 7:30 PM  
 Nebraska Center for Continuing Education, 33rd & Holdrege.  
 Norfolk Room.

PROGRAM: Lapidary Cameos From the MWF Program Library. Not on cameo making but short features on techniques such as doublets, triplets, spheres, carving, etc.

JUNIOR MEETING: 7:00 PM.

COMING EVENTS: SHOW: Omaha, NE  
 Nebraska Mineral & Gem Club  
 Holiday Inn, 72nd & Grover  
 October 6, 7

September		1990	
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9	10	11	12 13 14 15
16	17	18	19 20 21 22
23	24	25	26 27 28 29
30			

SHOW: Topeka, KS, Topeka G & M Society,  
 Ag Hall, Expocentre, 17th & Topeka  
 October 13, 14

SHOW: Grand Island, NE  
 Grand Island Earth Science Society  
 Fonner Park  
 October 20, 21

SHOW: Tulsa Rock & Mineral Society,  
 Tulsa, OK, October 27, 28, County Fairgrounds

SHOW: Fort Kearney Rock & Mineral Society  
 Kearney, NE, November 3, 4, Hilltop Mall

REGIONAL SHOWS:

1991

San Jose, CA June 14-15-16	Tampa, FL Sept. 19-22	South Bend, IN Aug.30-Sept.1	Seattle, WA July 26-28	Salt Lake, UT June 14-16	Lubbock, TX June 7-9
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FUTURE MEETING DATES, PLACES: October 27, 1990.

DISPLAY MATERIALS Bring items that relate to September (Sapphire) or summer field trip finds or whatever you like. Cases will be furnished.

### PRESIDENT'S MESSAGE

**STUDY GROUP RESUMPTION:** The study of the quartz family will resume October, 8, 1990. We will meet at 7:30 P.M. in room #115 of Nebraska Hall. Please be advised that the parking lot entrance has been relocated to a slightly more northern location on the west side of the parking lot.

We anticipate continuing our study of quartz through year end at which time we will discuss future subjects of study. One possibility to be considered is reconstruction of the club display for the newly remodeled state museum.

**ROCK HUNT IN THE RAIN:** The early morning of last June 16th was overcast and ominous. Despite the threatening weather, we proceeded to the cafe in Ashland to meet club members for a summer rock hunt at a local sand and gravel pit. We ate breakfast as we waited for the group to assemble. It started to rain. We ate on. More members arrived. It rained harder. We ate on. It poured harder. By then, twenty of us had assembled in the tiny cafe along with the regular customers.

Filled with resolve, we struck out for the pits. Our resolve won out for within one half hour of our arrival, the rain had stopped. In fact it later got so hot, that we received a sunburn from the intense sun. Most of us would say that we had a productive day. The best specimens that I saw collected were found by the Wells' and Rockel's. When not prospecting, we brown bagged it.

Our good fortune with the weather was repaid to us in kind later that night at the club hotdog cookout and general Bingo-Rama. During the middle of a game, some mysterious voice was heard to say, "I'll huff and I'll puff and I'll blow your house down." You never saw so many people try to batten down the hatches so fast. That was a wind and rain that the folks from Grand Island and Omaha certainly could relate to.

**WITH REGRETS:** We note the passing of John Page and Lyra Jeanette Ashmun. John Page was associated with Page Trophy Shop which has tended to our award and show ribbon needs for many years. Mrs. Ashmun was the mother of deceased former club member, Todd. She had donated funds to our club for scholarship awards in Todd's memory on numerous occasions.

**ONE ATTA BOY:** To Henry Hohnholt passing his heart bypass with flying colors.

**KUDOS:** To Roger Pabian for awards received for the "Pick & Shovel" at the Midwest Federation and National Federation club bulletin competitions; to Don Phillips for his award for for an article written for the "Pick & Shovel"; and to the Grand Island Earth Society for the excellent showing with it's club bulletin.

**SUPPORT:** Your local sheriff. If that's not possible, find it in your heart to attend the fall gem shows.

**AND NOW THE REST OF THE STORY - "THE ROCKS IN YER HEAD AWARD":** We will relay a true story to you as it was told to us, however the names of the parties involved have been changed to protect this reporter from any law suits. During the evening, the manager of a nearby business dropped into the shop to catch up on some unfinished work and discovered the scene of break-in. After calling the police, it was determined that only a radio was taken.

The following day the company dispatcher heard the voice of a stranger calling on the radio, "10-4. Have we got any good buddies out there? Come on back to me, ya hear". It was obviously the burglar who thought that he had in his possession a multi-frequency radio. Little did he know that the radio was a single crystal, fixed frequency radio with which he could communicate only with the people from whom he stole it.

The dispatcher put on his best CB radio lingo and replied, "That's a big 10-4 good buddy, what's yer 20"? The culprit would not give his location, but did tell the make and model of the car that he was driving. This information was passed on to the company manager, who then went cruising in an attempt to locate the vehicle. Meanwhile, the dispatcher kept up the "good buddy" talk and learned the approximate area of town in which our desperado was driving. This nugget of information was given on to the manager via their second radio channel, who then shortly thereafter spied a car matching the description. The clincher was the antenna protruding through an open sunroof. The car had a Nebraska prestige license plate which, for the purposes of this report, we will say was emblazoned with the name "Crook".

The manager called the police, explained the situation, gave the license plate name, relayed his present location and asked for help. While the manager waited vainly for the cavalry to arrive, the dispatcher continued to chat with "Crook" and once inadvertently called him "Crook" by name. The rather long silence on the radio was followed by the inquiry as to how the dispatcher knew that he was "Crook". "Crook" quickly spotted the manager following him and "hit the leather". After some high speed travel and the running of a red light, the manager called off the chase and once again appealed in vain to the police for help.

The plea was overheard by a county sheriff's deputy who found the address of "Crook" through the state department of motor vehicles and promptly drove to that residence. Within seconds our friend, "Crook", drove up the drive and was nailed with the goods. It turned out that "Crook" got the stolen radio from his cousin, who is a neighbor of the business and actually did the break-in. We will leave it up to the reader to supply their own "moral to the story".

FRED B. HOLBERT

## IN PASSING

Long time member, Dr. Harold Krieger, passed away in May, 1990. Our deepest sympathies are extended to his family and friends.

Linda Lambert, 80, Mother of long time member Ray Lambert, passed away on July 5, 1990, in Lincoln. Our sympathies are extended to Ray and his family.

Lyra Jeanette Ashmun, Mother of Tod Ashmun, passed away on August 28, 1990, in Lincoln. The Ashmun Family has been very generous in its support of the club since the passing of Tod. We extend our deepest sympathies to the Ashmun family.

## NEBRASKA GRADUATE WINS EASTERN FEDERATION SCHOLARSHIP AWARD

R. M. "Matt" Joeckel who has received his BS and MS degrees from the University of Nebraska was selected as one of the Eastern Federation AFMS scholarship nominees by honorary scholarship awardee, Dr. Robert E. Woodruff, University of Florida. Joeckel will work toward his PhD at the Department of Geology, University of Iowa. Joeckel has done research in vertebrate paleontology and on paleosols (fossil soils) in Nebraska.

## CLUB SCHOLARSHIP RECIPIENT COMPLETES MASTERS DEGREE

James Borovich, 1987 LG & MC scholarship recipient successfully defended his MS thesis Evolution of the Late Pennsylvanian crinoid Apographiocrinus Moore and Plummer from the North American mid-continent on August 31. In addition to receiving one of our club's scholarships, Borovich also received an American Federation of Mineralogical Societies scholarship. Congratulations, Jim!

A copy of Jim's thesis will be repositied in the club's library, and Jim has been invited to a future meeting to make the presentation.

## THE POWER OF CRYSTALS

Originally published in the Conglomerate, Michigan Mineralogical Society, October, 1987

There has been a great deal written over the years concerning the power of crystals: A 1987 Time magazine article attributes the following marvelous properties to crystals: enhancing concentration; improving health; calming nerves; accelerating cooling in the refrigerator; and saving gasoline.

Being a die-hard agate cynic, I immediately rejected any notion that crystals could possess any great powers. However, after some time spent in my usual practice of omphaloskepsis, (look it up), I came to realize that crystals really do exhibit great powers.

The greatest power by far is the power to open the wallet. I think everyone of us has been subjected to that power. The second great power is the power to punish those who try to remove a crystal from its natural resting place in the earth.

Even ordinary rocks have great power as many a saber-toothed tiger and even Goliath found out. How about the power to turn a group of usually fairly reasonable people into a bunch of "loonies" who will go miles in the worst of weather, risk damage to their vehicles and life and limb in the hopes of finding a pretty rock or crystal.

Yes, crystals do have amazing powers. Those who are selling crystals for their alleged powers are probably best demonstrating the power to open the wallet. DAVEAT EMPTOR!

Author unknown,

LINCOLN GEM & MINERAL CLUB, INC. - BOARD OF DIRECTORS - May 7, 1990

President Holbert called the meeting to order at 7:30 P.M. Minutes of the previous meeting and the Treasurer's report were read with a motion for approval by Roger Pabian; 2nd by Dave Heffelbower. Carried.

BILLS:

Two Show bills and all Club bills were presented. Motion for payment and approval by Vera Lyman; 2nd by Sandy McNiff. Carried.

A motion was made by Phyllis Parks and 2nd by Dave Heffelbower to raise the amount of \$ 43.85 of collected funds to equal \$ 1.00 per member (76) to American Federation Scholarship Foundation. Motion carried unanimously.

Board decided to hold off until Sept. on NAS contribution.

By decision of the Board, it was agreed to pay Sandy McNiff \$ 50.00 if she plans to attend the delegate meeting at MWF Show.

FIELD TRIP:

Field trip discussed at Club Meeting not feasible. Permission would not be granted by owner even though considered by leasee.

SHOW CONTRACTS:

The '91 Show contract is signed.

March 20-21, 1992      Motion by Roger Pabian that we renew and sign contracts

March 21-22, 1993      for all 3 years to guarantee site and price. 2nd Dave

March 19-20, 1994      Heffelbower. Motion carried.

JUNE PICNIC:

Hot Dogs, baked beans, potato salad, etc., etc. and desserts, goodies etc.

MEMBERSHIP:

New Family Membership - Michael & Kaye Jurgens, Brett & Janelle

14111 Guildford Waverly, NE 68462      786-2756 (no toll)

Motion for acceptance by Vera Lyman, 2nd by Roger Pabian. Carried.

MISCELLANEOUS:

Summer break from Study Groups.

Board Meeting Monday Aug. 27, 1990, 7:30 P.M. NE Hall - Rm 115.

Club General Meeting dates as follows: September 22; October 27; November 17.

Christmas Party - Question of location.

Question of Science teachers in schools (Elementary/Jr. High) on P & S mailing list.

Respectfully submitted,

*Vera Lyman*  
Vera Lyman, Secretary

JUNE PICNIC:

Excellent attendance - 32! A delicious supper - a fun evening playing "Rock & Gem Bingo" and winning prizes - - until the RAINS came. There's something about LGMC Meetings in the park AND storms!!!!!!

LINCOLN GEM & MINERAL CLUB, INC. - General Meeting, May 19, 1990

Minutes of the April General Meeting were not available so will be subject to approval at the September meeting. The April Treasurer's Report was approved as printed in the Pick & Shovel.

Old Business:

The Quartz Study Group will suspend meetings for the summer.

We will have a picnic at the Antelope Park Shelter on Saturday, June 16, Hot Dogs and buns will be provided.

Change of destination for our Field Trip - President Holbert will lead us to Western Sand & Gravel at Ashland on June 16th, a letter to be sent to interested club members.

Sandra McNiff has accepted the position of Midwest Federation Delegate for the MWF Show and Convention to be held in Evansville in July.

New Business:

Jerry Moore has asked to be replaced on several club committees. Volunteers or suggestions are requested, especially someone to take care of Membership.

1991 Show:

John Harrison has accepted the challenge to become Chairman with Roger Pabian heading up Publicity and Promotion and Fred Holbert as Dealer Chair. More committees will be announced as plans are made.

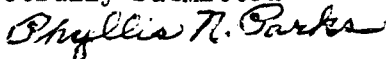
Announcements:

MWF Raffle Tickets are available tonite only. (All 10 tickets were sold and money forwarded to Evansville.)

Our Pick & Shovel Editor has received an urgent request to attend the 1990 MWF Editor's Breakfast so that he can accept some awards for 1989 editions.

The Board announced a decision to sign contracts for three more years (1992, 1993, 1994) at Pershing Auditorium with our same basic contract as for 1989, 1990 and 1991.

Respectfully submitted



Phyllis Parks, acting for Secretary Vera Lyman

LINCOLN GEM & MINERAL CLUB, INC. - GENERAL MEETING - April 28, 1990  
Nebraska Center Norfolk Rm. 7:30 P.M.

President Holbert called the meeting to order. The minutes and the Treasurer's report were approved as printed.

Hospitality reported 31 members present, and a large group of Juniors (20+)

OLD BUSINESS:

President thanked Roger and everyone who participated for a wonderful Show.

NEW BUSINESS:

Janet Wright would like to hand out fliers for new Science/Math recruits for UNL under W.I.S.E. program.

Summer Field Trip: Show of hands for Agate Hunt sometime this summer - to be arranged. Possibly adult members only. More details later.

MWF Delegate Meeting: Roger planning to go, but already has a vote, so could not serve as delegate. (July 21) Will check with Board and at May Meeting to see if anyone is going to MWF Show & possible delegate.

June 16 - Fun & Picnic - Antelope Park - 7-10 P.M.

Show Site: President to discuss with Board (5-7-90) regarding contract. President will recommend 3-year contract to reserve date/price.

'90 Show Report: Chairman Pabian thanked all who participated and helped. Announced Gate admissions, income & expense accounts, etc.

ANNOUNCEMENTS:

General Meeting - May 19 - at Nebraska Center - not at park.

All materials for May Pick & Shovel to Roger by Monday April 30!!

Quartz Mineral Study Group - Tuesday May 8 - Rm 115.

Current issue of Lapidary Journal - May 1990, p.82 "Shop Helps" mentions hint from Pick & Shovel.

President announced with deep regret that Gerald Moore had submitted his resignation as Membership chairperson, 1st Vice President & as 1991 Show Chairman. For personal reasons. He was an excellent member and worked very hard for the Club. He will be missed.

Respectfully submitted,

*Vera Lyman*  
Vera Lyman, Secretary

Treasurer's Report May 1 through August 25, 1990

NBC Checking Balance 5/1/90 \$ 812.51

No Cash Received .

Cash Paid Out:

Nebraska Center May Meeting	53.00	
MWF Film Library-May Program Rental	5.00	
Evansville Lap.Soc.-Suspense Raffle Tickets	10.00	
UNL Printing & Duplicating-May P & S	93.89	
Stephenson Big Apple-Library supplies	7.44	
Am. Fed.Schol.Fund-Collected funds	43.85	
Donation	<u>32.15</u>	76.00 (This equals \$1.00 per adult)
Pick & Shovel copy and program ret.	6.26	
Treas. Postage	5.00	
Secy. minutes/copies	4.39	
June Picnic program preparation	8.21	
City Park & Rec.-Bethany for Oct.	25.00	
Astro's Copy Center-91 Show Fliers	<u>19.97</u>	314.16

Natl. Bank Commerce Checking Balance 8/25/90 \$ 498.35

The Midwest Federation of Mineralogical and Geological Societies  
1990 Delegates Report

**CALL TO ORDER** The annual Midwest Federation delegates meeting was called to order at 9:05 AM, Sat. July 21, 1990 by President Glen Hanning. A Silent moment was observed, the chaplain offered a prayer, and the Pledge of Allegiance was given. President Hanning announced that the order of reports on the agenda would not be followed. Committee reports would be given whenever committee members were present to give them.

**SHOW REPORT** There was very good media coverage in the paper and on television provided by the Vanderberg County Visitors Bureau. Estimated show expenses will run about \$4,000.

**INTRODUCTIONS** Fifteen past presidents, six honorary members, and all club presidents attending were introduced.

**MINUTES** Secretary Jean Reynolds did not read the minutes as everyone received a copy in the mail. They were approved as printed.

**TREASURER'S REPORT** Approved for audit as printed.

**STATE DIRECTORS REPORTS** Eight directors were present at the State Directors meeting. State reports as follows:

Indiana--Director and several delegates present

Iowa--Director not present, three delegates present

Michigan--Director and several delegates present. They report 42 clubs in the state, 2 of which are new this year.

Minnesota--Director Larry Costigan introduced two delegates and extended an invitation to visit Minnesota.

Nebraska--Director not present, one delegate

Missouri, Arkansas, & Kansas--Four delegates present

Ohio--Director and several delegates present.

North & South Dakota--No director or delegates present.

Wisconsin--Director and several delegates present. 50 Year Anniversary certificate awarded to the Wisconsin Geological Club and 5 other anniversary certificates.

**COMMITTEE REPORTS**

Endowment Fund Chairman Larry Costigan introduced Financial Director Bill Cook and Fund Treasurer Ben Moulton. The present total in the fund is approximately \$18,000. \$3,083 more is to be presented at the banquet on behalf of 52 clubs. The money raised at the silent auction will go into the fund. To encourage further donations, member clubs will receive a certificate in the mail by mid-September. It should be framed and put on the head table at shows. Each time a club donates \$1.00 for each member they will receive a sticker that is placed on the certificate until it is filled. Smaller certificates will be awarded to non-members who make donations. Marvin and Kitty Starbuck are to be given a plaque for their efforts in establishing the endowment fund.

Archeology John Washburn requested that people send him articles and information to publish.

Bulletin Aids Kathy Miller reports that they are using new scoresheets. She attended the American Federation editor's breakfast where the MWF was awarded 40 out of 161 awards.

Credentials There is a forum. Fifty-eight delegates from 29 clubs are present.

Directory Nellie Claxton will send one directory to each club. She requests that correct, complete, and timely information be sent to her by Jan. 31. Too many forms meant for directory are going to the program chairman. Updated by-laws are published in the back of the directory.

Education No report.

Legislation Concern expressed over new state laws limiting surface collecting on public lands. The AFMS would like to receive 20,000 letters by the end of Sept. expressing our views on this matter. (Current Illinois legislation states that one does not need a permit to collect fossils on public lands as long as an already exposed specimen can be removed without digging up an area of more than 18 sq. ft.)

Geology There have been no requests for information this year.

Historian Diane Dare reports that she has received several complaints from members who feel they are due anniversary certificates. Her information is only as good as we make it. Each club has a certificate showing the date they joined. They should find it, verify the date, and let her know. She would like clubs to send her any special anniversary publications they have printed.

Junior Activities No report.

Lapidary Arts We have received 600 pounds of donated publications. They are being given away in a booth.

Membership The files are incomplete.

Merit Awards There were ten entries at the show. They would like to see more.

Micromounts No report. A chairman is needed for this committee.

Minerology No report.

Newsletter Editor Deadlines for the Sept. 1990 through May 1991 are published in the May newsletter. A committee has been appointed to revise the "scope and content" portion of the newsletter procedure manual.

Paleontology Pep talk on how interesting this field is.

Public Image No Report

Safety No report.

Scholarship Report previously published.

Special Displays Stamps on display at the show.

Uniform Rules A case of carvings by Bob Miller received 100 points at the AFMS show in Ventura, CA. The new uniform rules book for faceting will not be done for at least another year. An old rules book can be purchased for \$2.50. We only have ten competitive cases at this show and would like to see more in future. Please send in the names of anyone you feel would qualify as judges.

Boundary Previously published.

Commemorative Stamps Previously published.

Education Through Sharing Received three entries and want to see more.

50th Anniversary The book is complete and one will be mailed to each club. Committee dissolved.

Nominating Previously written. (Attached) All nominees have agreed to serve.

Parliamentarian No other nominating petitions were received.

Advisory Committee All past presidents serve on this. They recommend that Calvin and Harriet George be made honorary members.

Silent Auction No report.

Scholarship Selection Two-year scholarships are awarded to students working on post-graduate degrees in an Earth Science field. The committee selects an individual who in turn selects the scholarship recipients. Doris and Russ Kemp were chosen this year and will announce their choices at the banquet.

SPECIAL REPORT AFMS has been approached to have a VISA card issued to members with the logo on it. The AFMS would receive \$1.00 for each card approved. AFMS voted to accept with MWF voting against. The credit card company needs a list of individual members, which the MWF does not have and does not wish to provide. The executive committee passed a motion not to participate except to the extent of publishing the information in the newsletter. If individual clubs in the MWF want to participate, they can send their membership lists directly. Delegates council passed a motion to adopt the same policy as the executive committee.

CONVENTION REPORTS The 1991 convention will be in South Bend, Indiana at the Century Center. It will be held Aug. 30, 31, and Sept. 1. Packets will be out the first of the year. The number of meals has been cut to reduce costs.

The 1992 convention will be held July 23-26 in Brunswick, Ohio. It will be the first time that a junior group will co-host the convention, namely, the Geological Society of Brunswick High. The show will be held at the

Brunswick High School. There will be a field trip to the Museum of Natural History in Flint Ridge, Ohio.

Osh Kosh, WI has bid for the 1993 show. A motion was made to authorize the executive committee to accept bids and choose the 1993 site and dates. Motion carried.

ELECTION of OFFICERS There were no nominations from the floor. Motion made to accept the slate submitted by the nominating committee. Motion carried.

ELECTION of NOMINATING COMMITTEE Candidates were Robert Heinek, Robert Miller, John Washburn, and Lloyd Brown. John Waxhburn and Lloyd Brown were elected by closed ballot.

MOTION made to accept Calvin and Harriet George as Honorary Members. Motion carried. (The only nay was Harriet.)

NEW BUSINESS Announcements as follows.

Directories will be mailed one to a club as the multiple mailing cost is prohibitive.

There will be an executive committee meeting in conjunction with the fall jamboree in Stowe, Ohio. Detail in the newsletter.

The Smithsonian is going to build a new hall for gem, mineral, and geology displays. They will need matching funds of \$6,000,000. Clubs should consider donations. Details in the newsletter.

The Cleveland Museum of Natural History will feature a huge display of gems through Feb. 17, 1991.

Earth Science videos are available from Niel Reeder, 638 Statler Road, Piqua, Ohio 45356.

MEETING ADJOURNED at 12:05 PM.

Submitted by Sandra McNiff

Lincoln Gem and Mineral Club, Inc.

P. O. Box 5342

Lincoln, Nebraska 68505

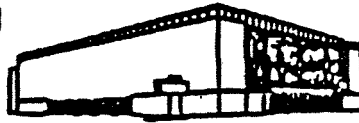


*Invites you to attend its*

**Big 33rd Annual**

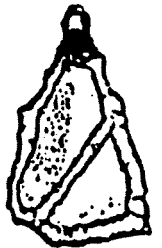
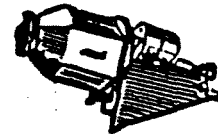
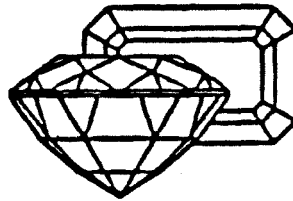
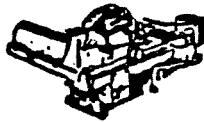
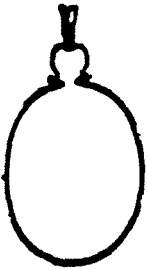
# **Gem & Mineral Show**

**MARCH 16, 17, 1991**

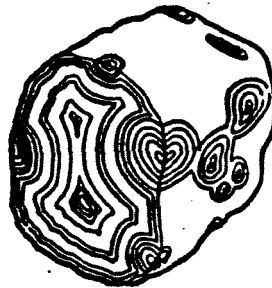
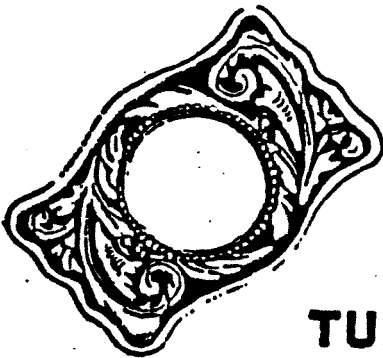


**Pershing Auditorium**

**226 CENTENNIAL MALL SOUTH**



**TUMBLERS-DEALERS-PROGRAMS-JASPER-ROUGH-  
AGATE-JADE-FOSSILS-MINERALS-SAWS-**



**TURQUOISE-DISPLAYS-FINDINGS  
JEWELRY MAKER'S SUPPLIES- and MORE**

**SHOW HOURS:**

Saturday, March 17, 9:00 - 8:00  
Sunday, March 18, 10:00 - 5:00

**ADMISSION:**

Adults.....\$2.00  
Children, under 8,  
free with adult.

## ROCK HOUND TRIVIA

In the summer of 1973, a movie called **Paper Moon** starring Ryan O'Neal and daughter Tatum was released. The movie credits stated that the chase scenes were filmed in Doniphan County, Kansas, and the village of White Cloud, still, today, has a large sign proclaiming that fact. While recently viewing this movie on late night television, it dawned on me that the rock outcrops along the road were late Pennsylvanian strata of the Scranton Formation. A quick check of the Kansas Geological Map (1964) shows that the exposures visible from the road in Doniphan County, Kansas, are of the older Deer Creek Formation, whereas the geologic map of Richardson County, Nebraska shows the Scranton Formation composes the outcrops that are visible from the road in Richardson County, Nebraska. Conclusion: much of the chase scene was actually filmed in Richardson County, Nebraska.

My suspicions were confirmed when a small cabin along the river was passed by the chase vehicles. The cabin is 1.5 miles south and 2.5 miles east of Rulo, Nebraska, about 3 miles north of the Nebraska-Kansas border. The shack burned down in May of 1990. RKP

## ROCK HOUND TRIVIA WANTED

I am looking for **ROCK HOUND ORIENTED TRIVIA** that will make good filler material for both **Pick & Shovel** and our exchange bulletins. The trivia should have national or regional significance and not include esoteric anecdotes or nostalgia of only local or club interest.

Can some bit of knowledge that only a rockhound is likely to know either prove or disprove something on a national scale such as the above item on the chase scenes. Has some well known person in sports, entertainment, arts, literature, etc. made some lasting contribution to the hobby? Has someone through the hobby made some long lasting contribution to sciences, arts, letters, sports, entertainment, etc.?

## TESTED LAPIDARY TIP

A **servant** is any piece of material, equipment, tool, that is designated to do a particular chore or duty. Many advanced lapidarists do work with incised cuts and operations that require the stone be held by hand. Hence, the stone can be dropped to the floor, causing breakage or other severe or irreparable damage. An old towel can be tacked to the work bench and laid over your lap while you are working on the stone. If you drop it, it will be caught in the **servant** and many lapidary catastrophes can be avoided. Just be sure the working wheel is centered above the **servant**. RKP

## COMING IN FUTURE ISSUES

**Crystals...**

**Book Reviews**

**Lapidary Techniques**

**...and much, much more**

## BOOK REVIEW

**Wonderful Life, The Burgess Shale and the Nature of History.** Stephen Jay Gould. W. W. Norton & Company, New York, London. 347 pp. \$14.95, paper.

If you are at all interested in paleontology and the meaning of fossils, this book is a must for your library. The book begins with a section dealing with evolutionary patterns of various animals and compares the ladder and the cone. Earlier thoughts on organic evolution suggested that many species arose from a single common ancestor and this caused early paleontologists to shape their thinking to a gradualistic model. "Not so!" says Gould. Three words introduced in the first section become key to understanding the rest of the text; these are diversity, disparity, and decimation. **Diversity** is used in its traditional biologic sense of number of species. **Disparity** relates to the number of body plans of the animals that lived in the Middle Cambrian sea that was where we now find British Columbia. **Decimation** refers to destruction and extinction of living forms.

The Burgess Shale is a Middle Cambrian rock formation that is exposed in Yoho National Park in British Columbia. Charles D. Walcott, then Secretary of the Smithsonian Institution, in 1909 discovered a largely soft-bodied marine fauna of many hitherto unknown creatures. The deposits are thought to have originated from submarine mudslides that trapped many organisms and preserved them in exquisite detail.

Walcott described many of the animals and forced all of them into some modern group or into one of the known extinct groups such as the trilobites. Gould refers to this as Walcott's Shoehorn and explains the social, political, economic, and religious restraints that made it impossible for Walcott to have done otherwise. Many of Walcott's interpretations were far off; for example, the jellyfish Peytoia turns out to be the mouth of a large, carnivorous arthropod called Anomalocaris. Although Gould admits that he did not like the Walcott persona, he still considered Walcott to be a man of great strength and integrity who was a great credit to paleontology.

The unfolding of the Burgess Shale drama is presented as a 5 act play, with the main characters being Harry B. Whittington, Cambridge University, and his students, Simon Conway Morriss and Derek Briggs. Walcott had considered the fossils in the Burgess Shale to be merely imprints, whereas Whittington and his students found that they were three-dimensional and body parts crossed bedding planes. Skillful laboratory preparation of these fossils showed features that were not common to existing or other known fossil animals. Whittington and his associates learned that it was not necessary to place these animals in known groups, especially since none fit within them. What they discovered, then, was what Gould earlier in the text referred to as disparity, that is, a great variety of animals, each of which belonged to a separate arthropod phylum.

Near the end of the book, Gould discusses the concept of contingency, that is, one event being contingent upon another, and how we might not have come to be. The history of the Burgess Shale fauna shows the lack of predictability, even when one has a rich fossil record to view. For example, the modern chelicerates may have arisen from Sanctificaris, an "endangered species" of its day, whereas the abundant, trilobite-like Marella and its descendants became extinct shortly after the middle Cambrian.

To explain how contingency works in simple terms, Gould goes to the Frank Capra's classic James Stewart Christmas movie "It's a Wonderful Life," from which Gould titled his own book. How does George Bailey and his failing building and loan association and an apprentice angel, Clarence, relate to a bunch of animals that have been extinct for millions of years. The answer to that lies within the pages of the book. Read for yourself, and enjoy.

Although some people of strict fundamentalist convictions may find some parts of the text abrasive, the book is not without humor and not without some crude to coarse language, but none is used to excess and none is used that does not help to tell the story better. An amusing anecdote relates to the naming of the fossil arthropod Sancticaris. Many arthropods have claws and their generic names include the Latin suffix caris for claws. Desmond Collins discovered a rather bizarre, spiny arthropod which he informally christened "Santa Claws." When the fossil was officially named by Derek Briggs and Collins, they called it Sancticaris, the latinized name for "Santa Claws."

"Wonderful Life" is entertaining and educational, fascinating and frightening, sometimes cynical, sometimes heart warming, and excellent reading for any fossil buff.

At the end of the book, Gould admits to using the pedagogical trick of saving the best to last, and he does. You will have to read the book to find out what it is. If you like fossils, you will like this book.

by Roger K. Pabian

## NOTES ON 1990 MWF SHOW

### My Trip

My mom and I drove to Evansville, Indiana because she was a delegate to the Golden Jubilee Gem and Mineral Show. Mostly she was a delegate because I wanted to go the the show pretty bad.

It was a pretty boring ride and I was surprised at how smoggy the air is farther east, even in the country. I didn't really like Evansville very much either, but I sure liked the Midwest Federation Show.

The first day, Friday, mom and I wandered around and looked at everything. I especially looked for displays of people I knew-- namely, Bill and Betty White. I spent a lot of time trying to get my mom to look at faceters. One member of the Faceters Guild let me try faceting and another member sponsored me so I could join the guild. I'll get a newsletter with faceting tips in it. I was really impressed with a display of tiny musical instruments carved from different rock. I enjoyed a program about flourescent minerals.

The second day I went alone while mom was in the meeting. It was neat because people remembered me from the day before. I got to spend more time faceting. I bought some supplies for polishing cabs and a necklace for mom. I won a door prize and bought a moss agage at the silent auction.

We started home as soon as the meeting was over. I enjoyed the two days at the show very much.

By Russ McNiff

**BULLETIN CONTEST**

At the Editor's Breakfast at the 1990 50th Anniversary Midwest Federation of Mineralogical Societies Convention at Evansville, Indiana, our Pick and Shovel received second place in the New Editor/New Bulletin division of the contest. I was very pleased with the high showing of our "Pick & Shovel," especially since there were quite a few entries in the Division.

In addition to the second place finish in the Midwest Federation Contest, our bulletin finished in fifth place in the American Federation New Bulletin/New Editor division at the American Federation of Mineralogical Societies Convention at Ventura, California.

Many thanks are due to the contributors to the "Pick & Shovel" who helped to make it a timely,, informative bulletin that serves the club membership well. RKP

**ORIGINAL ARTICLES CONTEST**

Don Phillips' article on the field trip to the Cretaceous outcrops in Jefferson County received a sixth place finish in the Midwest Federation Original Articles contest at the Evansville convention. Our hats are off to Don for his good showing in a division that had many entries.

Thanks to all of the writers who contributed material to this part of the bulletin. I hope for many more for the rest of 1990. RKP

**NATURE CENTER DISPLAY**

The old rock display at the Chet Ager Nature Center at Pioneer's Park was recently knocked off of its pedestal and Center Director, Carol Crosby, asked for me to bring it back to a functional state. Carol arranged for the display to be brought to my office where I found it in pretty rugged shape. The map of Nebraska was over 20 years out of date and most of the stones had lost their numbers, and the labels were all badly faded.

Jerry Leach of our cartography section arranged to get a new, laminated Nebraska map and the numbers were put on raised tacks on the map. A new label was printed and a club credit with address was added. Most of the original specimens were retained and a few new items were added to bring the display up to date.

Carol hopes to establish a larger geology display at the nature center as soon as the new construction is completed and she would like for the club to assist in that project. Carol also hopes that we will have another geology day in February of 1991. +++



Michael & Kaye Jurgens,  
Brett & Janelle  
14111 Guildford  
Waverly, NE 68462  
786-2756 (no toll)

**NEW PUBLICATION**

Cenomanian Angiosperm Leaf Megafossils, Dakota Formation, Rose Creek Locality, Jefferson County, Southeastern Nebraska. Garland R. Upchurch, Jr., and David L. Dilcher. U. S. Geological Survey Bulletin 1915, 55 pages, 31 plates. \$6.00.

Although this is a professional paper, it is a definitive guide for most of the fossil plants that have been collected at the now world-famous Rose Creek Locality. Possibly the oldest fossil flowers in the world have been collected at this site although they are described in another publication. The Rose Creek Flora contains not just the imprints of the leaf fossils but also their cuticles, Upon bleaching, the cuticles pass light and show their microstructures.

Many of the leaves illustrated in the text are also found in the sandstones of the Dakota Group and many fine illustrations and plates show excellent examples of of these fossils.

Upchurch and Dilcher described several new genera and their names might ring a bell: Landonia, Reynoldsiphyllum, and Pabiania. The publication should be in the club's library. +++RKP

**LGMC JUNIORS**

This summer was an active one for the Juniors. Spring activities were canceled in May because of rain, however we hope to stil make that field trip to Humboldt sometime this fall. The June field trip to an abandoned quarry near Weeping Water was a great success again this year. Thirteen juniors and seven adults spent a Sunday afternoon collecting wonderful fossil specimens. I actually found trilobites this time! I had always thought Roger must have salted the area with them since he was the only one who could ever find them. Everyone's sacks had horncorals, crinoid pieces, fusilinids, brachiopods, and bryozoans. We owe a special thanks to Ed Whyrick for setting up permission to hunt at this quarry. We couldn't find a free weekend in July for a fieldtrip but we did get together in August for a quick run out to the Garland Quarry. We were disappointed to see that a portion of it is now being used for dumping. This is such a nice place to take beginning collctors. There were five adults and ten Juniors for our second field trip. Bivalve fossils and shark's teeth were collected.

OUR SPETEMBER AND COTOBER MEETINGS WILL BE HELD JUST PRIOR TO THE ADULT MEETINGS. THE FIRST ONE WILL BE SEPTEMBER 22 AT THE CONTINUING EDUCATION BUILDING AT 33rd AND HOLDREGE. WE WILL MEET AT 7:00 O'CLOCK. COME PREPARED TO TELL US ABOUT YOUR SUMMER FUN AND BE SURE TO BRING AT LEAST ONE SPECIMEN THAT YOU COLLECTED OVER THE SUMMER. START THINKING NOW ABOUT YOUR COSTUME FOR THE LGMC FALL DESSERT AND COSTUME PARTY. IT WILL BE AT THE BETHANY PARK SHELTER ON OCTOBER 27TH AND THE JUNIOR'S PORTION STARTS AT SEVEN O'CLOCK.

**THE BULLETIN EDITORS BOOTH**



The gathering place ... a place available for bulletin editors and many others to glean information from exchange bulletins, rest tired feet, visit with other editors, and exchange ideas. The Booth, as in the past, will have a backdrop showing all of this years winning bulletins/articles. It will have exchange bulletins from all over the Midwest, not to mention quite a few from across the United States. All of the bulletins go fast. EDITORS bring or send to the booth as many exchange bulletins as you can. We always seem to run very low by Sunday of the show. If you cannot attend, send them with someone who is. Also - if you cannot attend, be sure to have someone pick up some exchange bulletins for you.

If your bulletin/author/article is on the winners backdrop - CONGRATULATIONS! You have earned it! Applause to you who entered for your club. I, my assistants, or volunteers will be in attendance at the Bulletin Editors Booth. If you have any questions, that is what we are there for. BE SURE TO PICK UP LAST YEARS GRADED SCORE SHEETS, new score sheets, exchange bulletins, or, just stop and visit.

Kathy Miller, BAC  
Bulletin Editor Aids Chairman  
Robert Miller, Ast.  
Catherine McHugh, Ast.  
Ed Miller, Ast.

Please plan to attend, participate, compete, exchange, and enjoy this years convention in Evansville, Indiana.

**ASIAN CULTURE CENTER DISPLAY**

Our Pick & Shovel series on Eurasian nomads and their uses of gems and minerals has led to an interesting opportunity for our club. Our bulletin is mailed monthly to the museum office where it finds a place on the reading rack. I was recently contacted by Velma Lentz of the Asian Culture Center and Peter Bleed of the Anthropology Department about a temporary display showing gems and minerals of Asian cultures. This temporary display to be at the Asian Culture Center in Morrill Hall will be gems and minerals that have been used in Asian cultures, both nomadic and sedentary, and will show examples of and sources and routes that these stones might have traversed to reach their current homes. Much of this display can become a club project through loans of gem and mineral specimens to the Asian Culture Center. The culture center has all of the finished products and the items needed are the uncut stones.

The display is scheduled to open in the Spring of 1991, possibly in conjunction with our club show. The display will stay up for a period of three to six months. We need the following items of uncut rough. Items in parentheses are the items now available for the display.

Gold from Siberia  
Smoky Quartz (Bottle),  
Coral, red, branching variety from Italy,  
Moss agate, India  
Lapis Lazuli, Afghanistan (Bottle),  
Tiger's Eye,  
Snow Flake Obsidian,  
Tourmalinated Quartz, India,  
Jadeite, Lavender,  
Jadeite, Mutton Fat,  
Eye Agate  
Aventurine  
Jadeite, Green,  
Jadeite, White (Goose)  
Malachite (Bottle),  
Amethyst,  
Turquoise,  
Rose Quartz (Chatoyant),  
Rhodonite,  
Cinnabar,  
Smaltite,  
Skutterudite.

We will be able to utilize examples of most of the above gems and minerals. Please contact me if you have examples you can loan for this display. Thank you.

Roger K. Pabian

**Mazonia-Braidwood State Preserve**

The Illinois Department of Conservation will soon be leasing land from Commonwealth Edison for a state preserve. The land that they will be leasing is currently administered by Northeastern Illinois University - Mazon Creek Project. Northeastern issues passes and permits for collecting on this land.

The Mazon Creek Project has embarked on a program to make fossil collecting a priority at the Mazonia-

Braidwood State Preserve. They hope to ensure continued collecting as they demonstrate the true paleontological, geologic, and scientific value of the preserve as well.

The Mazon Creek Project would like the support of those who have visited this area and have had the fun of collecting there. They would like these clubs and individuals to let both the Department of Conservation and Commonwealth Edison know how they feel about this area and its continued use as a collecting site.



**LAPIDARY ARTS ...**  
1990 Show/Convention - Evansville, Indiana

Once again the Lapidary Arts Booth will be available with as much information as possible. Material will be for the novice, experienced lapidariest, and for the general public that might be considering joining our great hobby.

If there is anyone who plans to attend the show and has information on their special club or a specific part of the hobby, please feel free to bring this to the show and leave it at the booth to be given away.

This is a **SELF-HELP** Booth where the material is to be given to anyone who is interested in a certain part of the hobby whether it be lapidary, micro-mounts, faceting, archeology, paleontology, carving, or the need for equipment and supplies.

With your help, it can be provided. If you are not able to attend the show and you would like to donate material, please send it to me at least one (1) week before the show and I will see that it is distributed to those who are interested.

Send material to Bob Miller, 1106 Clayton Drive, South Bend, Indiana 46614  
Lapidary Arts Chairman  
Bob Miller  
Co-chairman  
Doris Kemp



**ARCHAEOLOGY COMMITTEE**  
1990 Show/Convention - Evansville, Indiana

The Archaeology Committee will be setting up a display at this year's Convention and Show. We will include literature on significant archaeological sites throughout the Midwest. While it is easy to obtain material from one's own state, it is often difficult to find literature on sites in other areas. If you can get brochures that describe archaeological sites in your state, please send them to me and I will see that they are put out on the display table. The more the better - we would like a well-rounded sample that covers the Federation states.

Send literature on sites and/or field schools in your area to:

John Washburn, Chairperson  
Archaeology Committee  
107 Deer Creek Road  
Rochester, IL 62563



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# Bulletin Aids Report



All Midwest Federation entries for the Bulletin Editors Contest have been judged, the top five winners are now in the hands of the AFMS judges. Ten new editors entered this year from a wide area of the MWF.

Now is the time to be thinking about next year's contest. Many editors could be, and should be entering but have not because of a wide variety of reasons. If some of those are lack of input from club members, poor printing, time pressure...start now to get your members involved...correct that printing problem...and by starting now the time pressure for meeting the contest deadline will not be so bad, as every future bulletin you put out this year will be a winner!



There are only nine categories available, your bulletin can be entered in one, leaving five other categories open for you to enter for your club authors. (If you really do not wish to enter your bulletin, only wishing to enter club authors, no problem, you may do that too). **REMEMBER COMPETITION IS HEALTHY, FUN, AND IT KEEPS YOUR BULLETIN UPDATED AND INTERESTING.**

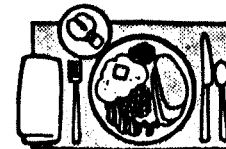
To get your **NEW UPDATED 1990 SCORE SHEETS - 5 IN ALL** - you may pick them up at the MWF show/convention in Evansville, IN, at 3 different locations. They will be available at the Editors Workshop, the Editors Breakfast, and the Bulletin Editors Booth. If you are unable to attend the MWF show/convention, please have your Club Officer, Delegate, State Director, or anyone else you know that may be attending pick up some score sheets for you. **AS MANY AS NEEDED MAY BE TAKEN** as all entries must be in **DUPLICATE**. **SCORE SHEETS ARE THE ENTRY FORMS.**

By now all show packets have been mailed out. Please thumb through yours and notice two important registrations.

**BULLETIN EDITORS WORKSHOP/SEMINAR** You the editor, are the club's communicator, probably the most vital member in your club. I can only repeat what I wrote last year -- you are responsible for the image of the society through the bulletin. With this in mind a workshop once again has been planned for you with excellent speakers, updates, exchanges and handouts, all toward a single goal - improvement in your bulletin. Plan on attending.



**BULLETIN EDITORS BREAKFAST** Editors work hard through the year, and this is **YOUR** part, an important part, of the convention, just for you. Editors/authors will be recognized and awarded for their efforts in 1989. Regardless if you are eligible for an award or not, please plan to join us. The food and fellowship with other MWF editors,



(see in person who you exchange bulletins with) are well worth going. It just might be the incentive for you to enter next year, and of course, your presence will support and honor your fellow members who have reached their goal this year with achievement awards.

*CONTINUED ON PAGE 9.*

NEWSLETTER



Published monthly  
Except  
June, July, August

MAY 1990 - Issue 297

Judith Washburn, Ed.  
107 Deer Creek Road  
Rochester, IL 62563

Editor's Note



Summer is almost here - although the weather here in Illinois has some of us believing we're going to have a perpetual spring! I hope you got all of your winter projects completed, and all of your rock-sorting done, so that you'll be ready to face the new collecting season. Remember to box up all those "extra" specimens and bring them to the auction in Evansville. It will really help them out a great deal.

We are planning another Editors' Seminar for this year's Convention. We hope many of you can attend. So many of you have such great ideas, we need this gathering to share with one another - to broaden our resource base and continue to develop better communications. Bring along a copy of your club's newsletter/bulletin to the Seminar so we can see all the different format styles that are out there.

We'll be back on track in the fall - with the newsletter out during the first week of each month. I apologize again for any inconvenience the delays of the last few months may have caused. The following is the schedule for copy due:

Sept. Copy due	8/20/90	Feb. Copy due	1/21/91
Oct. Copy due	9/17/90	Mar. Copy due	2/18/91
Nov. Copy due	10/22/90	Apr. Copy due	3/18/91
Dec. Copy due	11/19/90	May Copy due	4/22/91
Jan. Copy due	12/17/90		

Clip this box and tape it to your calendar. Committee chairpersons, let's have a blurb about what your committee is up to; editors, let's have some tips to pass along to your peers.

Tips for Editors:

Many editors are making their mailing labels do "double duty," and it serves its second purpose well. Try including the date your members' dues run out right on their mailing label. An upper or lower corner works well. It serves as a great reminder to everyone when their dues are due - and when they're past due. It also makes the job easier for the person in charge of mailing.



EDITORIAL NOTE

HB 3242, the amendment to the Antiquities Law discussed, has passed in the Illinois House and is now up for review in the Senate. We should have an update on its status by Convention time.



NEW ILLINOIS FOSSIL LAW REVIEWED

Many fossil collectors read the new law (SB 467) and concluded that the State of Illinois required a permit to collect fossils on state-owned lands and that most of the fossils would end up in the state museum. At the MAPS EXPO, Dr. Russ Graham, Curator of Geology, Illinois State Museum was invited to explain the new law. He wrote the law draft and is now writing the guidelines to accompany the law.

Dr. Graham stated that amateurs are free to collect fossils on state-owned lands without a permit if they are picked up on the surface. He explained that most of these fossils would deteriorate and they realize that in the past, amateurs have saved them for museums, schools, and private collections. The state wants to preserve the fossils that are below the surface and obtain the scientific data when they are collected. A permit is required to excavate fossils in known paleontological sites and most permits will be reserved for geologists and paleontologists. The fossils become the property of the state and may be studied before submitting the fossil and report to the State Museum. The location of known sites (past and future) will be published in many periodicals (incl. Illinois Register) and hobby magazines and the sites may also be posted (for out-of-state collectors and the un-informed). Local law-enforcement will patrol the sites and violators shall be subject to imprisonment and a fine not in excess of \$5000.

It will take about 2 months to prepare the guidelines and Dr. Graham welcomes your comments. A copy of the guidelines can be obtained by writing to him at the Illinois State Museum in Springfield, IL 62701. There was some concern by fossil collectors that local law enforcement may not have a copy of the guidelines when they check you at roadcuts etc. It would be wise to carry a copy of the guidelines until they are well understood.

Some of the teaching geologists are concerned that fossils dug during field trips, do not become part of the school property. For this reason, they are backing a revision (HB 3242) to the current law that will eliminate the reference to "paleontological resources".

JOHN BOLAND ENVIRONMENT/LEGISLATION

President's Message...

Dear MMF Members,

The American Federation Convention and Show will be held at Ventura, Calif., June 28 thru July 1. Their show committee asked for a display from each of the regional federations. Margaret and Bob Heinek are putting together an exhibit representing the MMF states, and will transport it to the show and take care of it. We appreciate the extra work they are doing. Thanks to all who have responded to their requests for loaned specimens.

The MMF's own Diane Dare will take office as AFMS President following the convention at Ventura. This is the same busy lady who has been assembling MMF history for our 50th Anniversary Show. Have you sent your registration to Evansville? In the meantime, attend and support the shows in your own area.

At the MAPS Fossil show, we sat in on a discussion with Russ Graham of the Illinois State Museum. Dr. Graham is drawing up the guidelines for administration of the new paleontological resources law in Illinois. He assured the group that there is no intention to limit surface fossil collecting by amateurs. He (and other professional paleontologists) are very much aware of the important contributions made by amateurs to paleontological knowledge. There are NOT (and will NOT be) any provisions for confiscating existing collections, no matter where they were collected. Effective January first, the law forbids collecting fossils on public lands such as state parks and nature preserves, or those found in direct association with archaeological remains. Dr. Merrill Foster of Bradley University, Peoria, spoke at this meeting on behalf of amateurs. A large group of rockhounds attended this discussion, and everyone who wished to do so had a chance to ask questions or make comments. More on this as the final guidelines are completed.

It is mushroom season in Illinois as I write (late April), so I've been hunting morels instead of rocks. However, my favorite Mississippian village site was disced up for the first time in two years, so I skipped mushrooming for a day of surface collecting. Had real good luck!

I hope everyone else is enjoying spring as much as we are. We'll see you at Evansville in July!

*JLW*



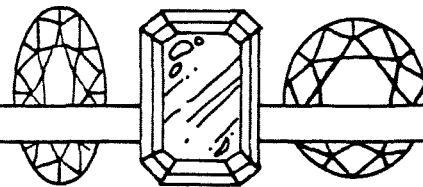
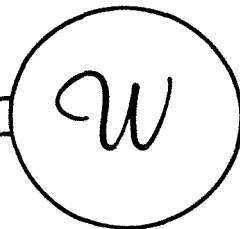
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1/2 page, \$7.50; 1/3 Page, \$5.00; 1/4 page, \$3.75 (Min). These ads will be placed throughout the bulletin as space permits.

Subscriptions to the PICK & SHOVEL ARE \$10.00 per year mailed.

Dues to LINCOLN GEM & MINERAL CLUB are as follows:

Adult membership fee \$10.00 (age 16 and over)

Junior membership fee \$2.00 (age 12-16)

Family membership fee \$22.00 (husband, wife, and all children under 16---permanent residents of household).

New memberships must be approved by the Board, after applicant attends at least one (1) regular meeting of the club, and pays the above dues plus \$5.00 registration fee.



**H.E.L.P.**

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