



PICK & SHOVEL

INSIDE THIS ISSUE...

Asian Culture Center Display

Attracting New Members

Volume 32---Number 5
January, 1992

Lincoln Gem and Mineral Club, Inc.

P.O. Box 5342

Lincoln, Nebraska 68505

1992 ELECTED OFFICERS

President: C. David Heffelbower , 1819 Washington St., Lincoln, NE 68502	475-4713
1st Vice President: Charles Wooldridge , 836 S. 31st St., Lincoln, NE 68510	475-9034
2nd Vice President: Francis Belohlavy , 3015 Orchard St., Lincoln, NE 68503	477-4337
Secretary: Vera Lyman , 420 N. 56th St., Lincoln, NE 68504	464-6089
Treasurer: Phyllis Parks , 2435 So. 19th St., Lincoln, NE 68502	476-6798
Board Member: Pam Killion , 3425 "N" St., Lincoln, NE 68510	477-1780
Board Member: Kevin Schwartzman , 1226 So. 24th St., Apt D, Lincoln, NE 68502	474-9441
Board Member: Craig Ten Hulzen , 167 Mormon Trail, Lincoln, NE 68521	475-4713
Board Member: Shirley Rockel , 1134 West Avon Lane, Lincoln, NE 68505	464-3059

NOMINATIONS COMMITTEE

3 Years: Dwight Miller
Janet Wright
2 Years: Gerald Moore
Don Phillips
1 Year: Michael Smith
James Null

LONG RANGE PLANNING AND BY-LAWS COMMITTEE

3 Years: Fred Holbert
Roger Pabian
2 Years: Kevin Schwartzman
Jim Marburger
1 Year: Bob Wright
Linda Lundgren-Parks

STANDING COMMITTEES

Membership: Shirley Rockel
Education: Roger Pabian
Field Trips: Kevin Schwartzman
Historian: John & Lillie Lewis
Hospitality: Eddie "Lightning" Ridge
Study Group Coordinator: Ralph Ulrich
Housing/Property: Jim Parks
Junior Activities:
Librarian: Jim Parks/Charles Wooldridge
"Gem Palette" Correspondent: Pam Killion
"Geology Day" Coordinator: Francis Belohlavy

Programs: Charles Wooldridge
MWF Liaison: Vera Lyman
Scholarship: Dwight Miller
Christmas Party: Billie Heffelbower
1991 Rockhound/Year: Ewald Paul
1992 Show: Phyllis Parks
1993 Show:
1992 Swap: Roger Pabian
1993 Swap:

AUDITING COMMITTEE, 1991-1992

Charles Wooldridge
Francis Belohlavy
Shirley Rockel

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 : Phyllis and Jim Parks

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CALENDAR OF EVENTS

JANUARY MEETING: Saturday, January 25, 7:30 PM
 Nebraska Center for Continuing Education
 33rd and Holdrege Streets.

PROGRAM 35th Annual Celebration of LG&MC.
 Refreshments to be served afterwards.

JUNIOR MEETING: Field trip to Department of Geology,
 UN-L, to view research and teaching
 facilities, 3:00 PM - 4:00 PM.

COMING EVENTS: ANNUAL MEETING, Friends of the Museum,
 Morrill Hall, January 11, 1992, 6:00 PM.
 Dinner by reservation.

ANNUAL SWAP, January 25, 1992, Norfolk-
 Minden Rooms, NCCE, 33rd & Holdrege,
 Noon-5 PM. Regular meeting begins at
 7:30 PM.

GEOLOGY DAY, Sunday, February 16, 1992,
 Prairie Interpretive Center, Pioneers Park.

SHOW, March 13-15, 1992, Greater Kansas City
 Annual Show, Trade Mart.

SHOW, March 21, 22, Lincoln, Nebraska, Pershing
 Auditorium. LG&MC 34th Annual Show.

SHOW, April 24-26, Wichita, Kansas, Rocky
 Mountain Federation Show.

REGIONAL SHOWS:

1992		AFMS			
HAYWARD, CA Aug. 21-23	HARRISBURG, PA SEPT 19-20	CLEVELAND, OH JULY 23-26	WICHITA, KS Apr. 24-26	ALPINE, TX Apr. 17-19	BUTTE, MT (NO DATE)

FUTURE MEETING DATES, PLACES: REGULAR MEETING, February 22,
 1992, Scottsbluff Room, NCCE, 33rd &
 Holdrege, 7:30 PM. Faceting program.

REGULAR MEETING: March 28, 1992.
 NCCE, 33rd & Holdrege, 7:30 PM.

DISPLAY MATERIALS Tired of the birthstone theme? So am I. Lets
 have a general lapidary display of any material
 you have worked in recent months. Bring finished
 stones, rough, whatever is lapidary. Cases will
 be furnished.

1992 DUES Dues for 1992 are now payable and can be paid
 until January 31, 1992, at which time membership
 becomes inactive. Please make the treasurer's job
 a bit easier by paying your dues promptly. Ed.

FROM THE PRESIDENT'S DESK

Once again the march of time has brought a new year, with its promises and problems and a sense of a new beginning. As usual it is time to review our club activities and directions and determine where we want to go and how we get there.

My tenure in office will of course tend to reflect my personal philosophy on what the club means to its members and to the community. I will be looking for ideas from all of you (because I don't know everything) and participation from as many of you as are able to help. This year is going to be as much fun and as busy as we can manage.

You will all be hearing from me at times in addition to meetings and I will be giving you homework assignments also! Needless to say, if you have friends who are interested, drag them along; one thing we really need is interested people. They do not need to be proficient in the art---only interested. It's up to us to increase their proficiency and pleasure.

In light of the above it was my pleasure to speak and exhibit to a group of boy scouts at Zeman School on December 9. About ten scouts and their leaders were there to study toward their geology badge. Although it will probably never be known if I helped them get their badges, I did get their attention and perhaps awakened a permanent interest in the earth sciences.

Here's to a good new year!!

Dave Heffelbower

IRL EVERETT HOSPITALIZED

Word has been received that Irl Everett suffered a heart attack in Texas on December 7, 1991, and was hospitalized until December 16. He is now out of the hospital and on medication. Take care, Evvy! +++

VIDEO REVIEW

Opal Mining in the Virgin Valley, Nevada. Motivation Publishing Company. 40 minutes.

If whatever could be a fascinating subject could be turned into a hodge-podge of disconnected and uncoordinated outtakes, Motivation Publishing has managed that. The video begins with about 10 minutes of several more-or-less still life scenes that can't be saved by the incongruous musical score of Vivaldi.

There are some interviews with miners that could have been very interesting if the background noises of wind and machinery could have been edited out. None of the interviews really connected into a story and I am still wondering what it was all about.

The tape suggests the perils of one setting up a production company as soon as you get a camcorder. The producers pretended to be professionals and don't rate a good review for that reason. RKP

HOSPITALIZED

Helena Baegl is currently in Bryan Memorial Hospital recovering from hip injuries received in a recent fall. Helena would appreciate your cards and letters. +++

DECEMBER MEETING

The club's annual Christmas Party was a pot-luck style affair with the club furnishing the turkey, ham, and drinks, and the members bringing their favorite salads, casseroles, breads, desserts, etc. The affair was attended by over 40 members and guests, and a gift exchange followed the delicious dinner.

Junior activities included a real-live pinata and all of the youngsters present got a chance to break open Pam Killion's turquoise nugget-shaped and -colored creation. The gems inside included various treats for the junior set.

The program following the dinner and gift exchange dealt with field trips and mineral collecting in Arizona and was presented by Ed Pedersen. Everyone really enjoyed Ed's slides showing specimens in his own as well as friend's and museum's collections.

Shirley Rockel and Billie Heffelbower arranged the festivities and they did a super fine job of decorating the shelter house in a very nice holiday manner. Thank you, Shirley, Billie. +++

DEADLINES

Because of extra turnover time needed in the print shop, it is necessary to get the Pick & Shovel to them earlier than ever before. In 1992, I will require copy for the next month's bulletin at the previous month's meeting. That is, February copy will be due at the January meeting, October copy at the September meeting, etc. RKP

DURABLE EQUIPMENT

Heavy duty lapidary work, especially sawing slabs on a large diamond saw, requires durable equipment. The most failures of equipment that I have experienced when using a very large saw is the pulley on the motor powering the saw. Pot metal pulleys will gradually fail because they are pulling the load of the saw and are attached to the hottest part of the saw, the motor. I have tried to solve this problem by using steel or cast iron pulleys whenever I could find this vanishing breed in a hardware store.

At last, I have found an unending supply of steel pulleys: farm stores. I have never seen such an array of pulleys in so many sizes, shapes, and metal compositions. I have begun to replace all of the pot metal pulleys with steel ones. They have other heavy duty equipment that might also apply to lapidary work.

MOVING

Ed Pedersen moved back to Colorado with his new job right after the Christmas Holiday. Ed contributed some excellent articles on minerals to the bulletin and headed up the mineralogy study group. Ed's efforts will be missed. Good luck on your new job, Ed. +++

CONGRATULATIONS

Bob Fixter recently became a fellow of the Gemological Association of Great Britain. Bob is one of but nine candidates of 265 in the U.S. to receive the distinction in 1991. The exam took some 9 years of preparation and 15 hours to write. Bob also has the title of Graduate Jeweler from the Canadian Jewelers Institute. Congratulations, Bob! +++

**While Looking for Fossils
by the Roadside**

Empty farmsteads look out hollow-eyed at the highway

Cars whoosh by and people in them may or may not glance

at these reminders of fortune and chance.

We, too, planted and worked the soil of our lives

interweaved, reached out, grew and maybe

fell or failed.

We had a part in the battles against human suffering.

Our hollow eyes and graying bones are stories from the past.

We lived in those times.

Dorothy Slaughter Miller

GORYTOS TO GOUPINS, AND BACK

In the November/December Pick & Shovel, I described the quaint indefinite measure, goupin, discovered when searching for the word gorytos. At that time I did not find out what a gorytos is, but I can now reveal its meaning. A gorytos is a combined bow case-arrow quiver. Gorytos were carried by Scythian horse soldiers and Scythian nobility were often buried with gorytos made of very finely done gold work. Some were bejeweled with such stones such as agates and amethyst. Some of these artifacts are extremely well crafted by great artists. In my own opinion, gold work has been going down hill since the finest of these were crafted in about 500 BC. +++

LINCOLN GEM & MINERAL CLUB, INC. - BOARD OF DIRECTORS - Nov. 4, 1991
at Reunion 7:30 P.M.

Minutes were approved as read after the following correction:

Article 6 Sec 2 (By-laws as follows) Buying, soliciting, selling
or trading can take place after the adjournment of the meeting.

Treasurer's report approved as read.

BILLS: All paid except 3 which were presented. Motion for approval
by Charles Wooldridge, 2nd by Dave Heffelbower, Carried.

OLD BUSINESS: Adeline Nolde Retirement Scholarship @ \$ 340. Phyllis
to contact Adeline re; when & how selection to be made.

Friends of Museum: No mention of LGMC contribution or work.

Charles Wooldridge to negotiate on our film deal with Sartar Hamann.

Installation of new Board at Christmas Party.

Vera to contact Don Phillips re: awarding of "Rockhound Of The Year"
award. Board chose Ewald Paul for recommendation to Don.

RE: ADVERTISING

RE: Soliciting/advertising
Discussion

Business cards - Identification sign

Show - Swap Meeting - Club function

may disperse their business cards for sales after function

Noone may sell at any Club function without permission of Chairperson

II. Signage

At Swaps - Shows (with permission of Chairperson)

Signage may be used that includes name, address, phone &
type of business (? of hours) (? including by appointment)

? of size of sign.

Signs will generally not be permitted at any other Club functions
including General Meetings and special expositions.

NEW BUSINESS: MWF Film Library in need of Quartz Program. Contacted
Club to see if interested in such a project. Not at this time. Roger
P. feels we should continue working on Quartz case & complete that pro-
ject first.

SHOW: Phyllis Parks, Chairperson Due to oversight, extended 3 invita-
tions to 3 Club dealers. Motion by Phyllis Parks, 2nd by Roger Pabian
to leave invitations as extended. Carried.

GEOLOGY DAY: Charles Wooldirdge Plans well under way for Feb. 16, 1992
from 1-4 P.M. New Geology Day Chairperson is the elected 2nd Vice
Pres. as decided by the Board of Directors at the beginning of 1991.

JAN. SWAP: Roger Pabian, Chairperson Flyers to Gem Palette Tables
awarded on first come, first served basis with limit of 1 per person.
(more later if space provides or @ discretion of Chairperson)

MISC: Dawes School requested material as prizes for Fun Night activity
4/24/92. Pres. Holbert to call school & decline and state difficulties
or refer to Club dealers.

Respectfully submitted,

Vera Lyman
Vera Lyman, Secretary

LINCOLN GEM & MINERAL CLUB, INC. - GENERAL MEETING - Nov. 23, 1991
 NE Center, Scottsbluff Rm 7:30 P.M.

Minutes and treasurer's report approved as published
 Hospitality reported 23 members, 3 Juniors and 3 guests in attendance.

ELECTION: Motion by Roger Pabian, 2nd by Shirley Rockel to suspend rules as follows: Pres. to read names of present nominees. Then will make two calls for additional nominees for each office.

Kevin Schwartman nominated from floor for Board of Directors by Jim Parks.

Motion to close nominations by Tom Simmons, 2nd by Gerald Moore. Carried. In light of no opposition for any positions, Motion by Billie Heffebower, 2nd by Roger Pabian that slate of nominees be accepted. Carried.

Two nominees needed for 3-year positions on Nominating Committee. Those nominated were Jan Wright & Dwight Miller. Motion nominations cease by Charles Wooldridge, 2nd by Lester Hunt.. Carried. Motion for acceptance by Phyllis Parks, 2nd by Gerald Moore. Carried.

CHRISTMAS PARTY: Shirley Rockel 58 confirmed to attend. Sun. eve Dec. 8 at 6:00 P.M. Antelope Park Shelter House.

SWAP. Roger Pabian Jan. 26 Noon to 5:00 P.M. Scottsbluff/Minden rms at NE Center 1 table per person; may take more tables later if space available.

Quote: "Buy, sell or trade; your chance to do some tail-gating". RP

Board Meeting Dec. 2 7:30 P.M. at Reunion. Old & new Board members attend.

Meeting adjourned.

Respectfully submitted,

Vera Lyman
 Vera Lyman, Secretary

LGMC Treasurer's Report December 1991

NBC Checking 11-3-91 \$2186.67

Receipts:

Prepaid '92 Membership Dues	122.00	
Susp. Prepaid '92 Gem Palette	4.00	
Donation LGMC Schol/Ed Fund	15.00	
'92 Show Dealer Space	<u>1250.00</u>	1391.00

Payments:

Trophies Rouckhound & Pres.	99.59	
December Program	25.00	
Christmas Dinner Meats/Dress.	127.79	
Christmas Decor/Favors	20.17	
Youth Christmas Entertainment	7.85	
November Meeting Site	45.00	
Nov-Dec Pick & Shovel Prtg.	102.84	
'92 P.O.Box Rent	49.00	
'92 Bulk Mailing Permit	75.00	
'92 Storage Rent for	<u>360.00</u>	912.24

NBC Checking December 31, 1991 \$ 2665.43

LGMC POLICY:**PARTICIPATION, SELLING, & ADVERTISING @ LGMC SPONSORED EVENTS****DEMONSTRATING & EXHIBITING:**

No person, persons, company or other entity may demonstrate, exhibit, or display at any club sponsored event without the express written permission of the event chairperson, anyone so empowered by that chairperson, or the Board of Directors. However, permission will generally not be required of any club member seeking to demonstrate, exhibit, or display at any regularly scheduled general meeting nor will written permission be required of any non-member who is solicited by the club to demonstrate, exhibit, or display as part of a program at any regularly scheduled general meeting.

SELLING:

No person, persons, company or other entity may sell, trade, swap, tailgate, or engage in any form of barter at any club sponsored event without the express written permission of the event chairperson, anyone so empowered by that chairperson, or the Board of Directors. This rule specifically includes club general meetings where selling is prohibited unless such a meeting is a special event and selling is expressly permitted by the Board of Directors.

Except for swaps, permission to sell at a club sponsored event is normally granted only upon the payment of a fee to the club or the tender of other meaningful consideration. Such meaningful consideration might be: i.e., where a special events demonstrator is allowed to sell without a fee at the annual gem show in lieu of their receiving an appearance fee for their demonstration; or where permission is given to governmental, educational, or philanthropic organizations to sell products and publications. Only an event chairperson or the Board of Directors may waive fees for the privilege of selling.

It is permissible, however, for any event participant to make arrangements for sales in the future at a time after and/or location other than that of the sponsored event.

ADVERTISING & SIGNAGE:

Only those who have officially received permission to sell at a club sponsored event, or who otherwise have been specifically exempted (i.e., featured demonstrators or exhibitors and participants at a swap), may be allowed to place advertising media or signs in or around their display area.

"Advertising" is construed to mean any reference to commerce or implication of a commercial nature (i.e., any sign, poster, catalog, or price list which indicates that a product or service is for sale; the inclusion of a related professional name or title; the inclusion of a business name, place of business, or a phone number).

The size, type of construction, and content of such advertising or signs are to be reasonable and in keeping with the standards, scale, and acceptability that a reasonably prudent person would deem appropriate for a family or community event as determined by the event chairperson or Board of Directors. There are no prohibitions against other signs or similar devices as long as they don't contain advertising and conform to the standard of reasonableness.

A non-exempt exhibitor may, however, firmly attach one business card to each of their display cases for identification purposes only; no other forms of advertising may be used. No non-exempt exhibitor may distribute business cards, brochures, catalogs or other advertising media, nor passively leave such material unattended within the reach of others.

A bonafide demonstrator who has not paid a fee for nor has been exempted from selling at an event may not erect or post any advertising, but may personally distribute business cards and descriptive brochures for future sales.

LINCOLN GEM & MINERAL CLUB, INC. - BOARD OF DIRECTORS - DEC. 2, 1991
@ Reunion 7:30 P.M.

REPORTS:

Treasurer's report of November was read and approved and approved as read by unanimous consent. The November minutes were not read because of the absence of Vera Lyman.

Current bills were presented by Phyllis Parks and paid by the motion of Charles Wooldridge and the 2nd of Francis Belohlavy.

OLD BUSINESS:

Adeline Nolte Fund in memory of Jim Taylor: Final tally is \$340.00. The recipient is to be selected by Roger Pabian and the award presented at the time of presentation of our club grants.

A cash stipend was approved to pay Ed Pedersen for the Christmas program and that payment is to be part of the regular program budget.

LGMC film trade with Sartor Hamann Jewelry: Wooly will check possibility of them providing a subscription to "GEMS & GENEALOGY" to the public library.

NEW BUSINESS:

Associations: A motion was made by Roger Pabian and 2nd by Francis Belohlavy maintain our membership in the Midwest Federation; a motion was made by Billie Heffelbower and 2nd by Roger Pabian to maintain our membership in NAOESCI; a motion was made by David Heffelbower and 2nd by Billie Heffelbower to maintain our membership in Friends of the Museum with a \$50 contribution; - all motions passed unanimously.

Storage unit: A motion was made by Charles Wooldridge and 2nd by Billie Heffelbower to pay our \$360 annual rent was passed unanimously.

LGMC policy regarding participation, selling, and advertising @ LGMC sponsored events: After lengthy and lively discussion, a motion was made by Charles Wooldridge and 2nd by David Heffelbower to accept the policy as it appears herein on a separate page. The motion carried with one "No" vote.

COMMITTEE REPORTS:

Swap: Roger Pabian distributed fliers and requested donations for Asian Culture Center for a display of gemstones and the lapidary arts.

Show: Phyllis gave an update and discussed special features.

Christmas Party: All systems are "Go".

Program: Wooley was soundly congratulated for the slide program that he selected and presented at the November general meeting. The slide program, produced by others, was so amateurish and poorly produced that we are sure that Wooley will not be asked by the incoming president, Heffelbower, to continue as program chairman for 1992. Good planning, Wooley.

Submitted by Charles Wooldridge & transcribed by Fred B. Holbert for Vera Lyman

AT THE ASIAN CULTURE CENTER

by Roger K. Pabian

On January 2, 1992, the temporary show: "Dragon's Tears: Minerals and Oriental Art" will open at the Lentz Center for Asian Culture on the third floor of Morrill Hall. Thanks are due to the club and several members who have given bulletin space and have provided materials for the display, respectively.

The display is in a way an outgrowth of some of the materials about Asian Nomadic Peoples and their uses of gems and minerals in their culture and their role in history that have appeared in "Pick & Shovel." Peter Bleed of the Department of Anthropology suggested this project and we had originally planned to set up the show in December of 1990. Along came a big bad wolf called Sadaam Hussein and one of the exhibits principal contributors, Linda Plock, had to go over to Saudi Arabia where she remained until June of 1991. Peter Bleed then had to go on sabbatical leave to Japan for about the first half of 1991 so the show went into Limbo for the duration.

With the geopolitical scene returning to normal, Linda returned safely from Saudi Arabia and Peter returned from Japan. In the fall of 1991, Peter and I decided to resurrect the show from Limbo, so a call was sent out to all of the previous donors and, luckily, most of them had not even unwrapped the materials they had wrapped for the first postponed exhibit.

The show was set up on the last working day in 1991 at the Lentz Center for Asian Culture and will open on the first working day of 1992, so I guess it qualifies as the last official club event under Fred Holbert's administration and the first official club event of David Heffelbower's administration. Thanks are due for their moral and material support of the event.

The theme of the show is not original, namely, showing finished gems, rock and mineral products along with their rough counterparts or ores. The educational part of this display was learning some of the sources even the very ancient peoples of Asia used to obtain gem and mineral resources. Each label with the display contains a bit of information about lapidary uses of gems or about sources of gems, both ancient and modern.

Each artifact is displayed along with a piece of rough material from which it was produced. Some items are pretty ordinary such as a modern soapstone utility box from India. Some are more extraordinary such as lapis lazuli in a gold bracelet along with a gold nugget from the Lena River in Siberia. Some pieces are very new such a rapidly produced, crude snuff bottle and a piece of rough malachite, and some are pretty old such as silver coins issued by Genghis Khan and silver crystals from Kazakhstan.

There was a false fire alarm while setting up the show. It brought back memories of a bomb scare when I had my lab and office in Morrill Hall. I had used explosives cases picked up in quarries to store my samples. I spent the bomb scare in terror that the bomb squad would dump all of my work all over the lab. The big, red, danger, high explosives labels on the boxes never registered with the bomb squad and my samples were untouched, and there would have been enough explosives there to take Morrill Hall, Memorial Stadium, and Bessey Hall had they been for real.

Go see the show---you will like it.

RKP

GEOLOGY DAY, 1992

The Club's annual Geology Day will be on Sunday, February 16, at the Pioneer's Prairie Interpretive Center, Pioneer's Park, from 1:00 PM to 4:00 PM. Francis Belohlavy is coordinator of this event this year. As usual, demonstrations and displays will be needed to make this event a success. The size and attendance of this event has grown the past several years and it is a good stepping stone to the annual show in March. All members should plan on participating in this event not only in 1992 but in every year to follow. +++

BARTELS' MUSEUM

New displays at the Bartels' Museum located in the basement of Link Library at Concordia College, Seward, Nebraska, include Lake Superior Agates, Mexican Agates, Tiger Eye, Spheres, Thunder Eggs, and Brazilian Agate. Many more displays from this large collection will be erected as soon as additional display cases are installed. +++

ROCKHOUND OF THE YEAR, '91

Ewald Paul received the Rockhound of the Year (RHY) award at the club's Christmas Party on December 8, 1991. Ewald was cited for his exemplary attendance record and his active participation in many club activities, especially his participation as an exhibitor at annual shows. Congratulations, Ewald. +++

MARIAN SCHULTZ

Marian Schultz, wife of Honorary Member and former State Museum Director, C. Bertrand Schultz passed away on Friday, January 3, 1992 at the age of 82. We extend our sympathies to family and friends. +++

NEW MEMBER

Katherine Pavlisch
Apt. 216, 1215 Arapahoe
Lincoln, NE 68502

Welcome to LG&MC. We hope you will enjoy your membership.

1992 STATE SHOW

The 1992 state show will be hosted by the Grand Island club and the theme for this event is "Gemstone Gemboree." The show will be held at Fonner Park on Saturday, October 17, and Sunday, October 18.

OTHERS WRITE

Reprinted from THE ROCKPILE, Midwest Mineralogical and Lapidary Society of Dearborn, Michigan, January, 1992.

A MMLSD Original Article

What Price Beauty?



Mineral Cosmetics That Ruined the Skin and More

The story of mankind's quest for beauty has included the use of minerals and rocks in cosmetics — sometimes with lethal results, and although early cosmetics were largely composed of animal and vegetable fats, herbs and other organic materials, minerals and rocks did play a small, but colorful, role.

The earliest evidence of such use involved decorating the skin with colorful clay or earth. A more sophisticated and unique use of minerals for cosmetic purposes was undertaken by the Mayans of Mexico, who filed their teeth to sharp points and inlaid them with jade or turquoise.

Modern ideas about beauty originated with the ancient Egyptians, who handed down their cosmetic customs to the Greeks, who passed them on to the Romans. Eventually the cosmetic practices of these cultures found their way into the European culture and established a pattern for present-day beauty standards.

For example, the current practice of women to wear eye liner and eye shadow make-up began with the custom of prehistoric desert dwellers. Desert nomads found that a black paste applied to the eye area would deflect the glare of the sun's blinding rays. (Baseball and football players today do the same thing when preparing for daytime games.) Even children wore this garish make-up to protect their eyes. The paste, containing hydrosilicate of copper, also had remedial medicinal properties for eye strain.

MALACHITE

Even after the nomadic life style was no longer necessary, some societies continued the tradition of outlining the eyes. As urbane city dwellers, the Egyptians were no longer trying to reduce the sun's glare, but to beautify themselves, when they used powdered malachite as a green eye shadow. Lapis lazuli was also pulverized into a fine powder and used for blue tones. Galena, a blackish form of lead ore, was applied to the eyebrows to darken them. Antimony was also used for this purpose. Red lip color was not mineral-based, but came from dried insects (cochineal) or other organic dyes.

CINNABAR

Vermilion, also known as cinnabar, was probably

used for cheek color. This principal ore of mercury was mined as early as 2500 B.C. in the Middle East. Since modern medicine now warns that all forms of mercury are poisonous if absorbed, it's possible the users of this cosmetic shortened their lives in their quest for beauty.

The Greeks, who were the next dominant culture, took over former Egyptian territories and adopted the Egyptian custom of using facial make-up. Though initially cosmetic use was the symbol of a prostitute, many Greeks overcame that stigma and used powdered red ochre, an earthy mineral oxide of iron, to give them an artificial blush.

CERUSSITE

Later, when the Romans came into power and were introduced to the fading Greek empire, they, too, began painting their faces. Despite the fact that in the Roman world a painted face with a blond wig was the trademark of a prostitute, cosmetics still became popular with Roman women. Eventually, many men began using facial adornment, much to the dismay of other, more hardy, Roman males. The masculine use of cosmetics prevailed for many years, however, and Roman emperors such as Nero and Tiberius were known to wear them. It was also the Romans who introduced the use of ceruse (or cerussite) in cosmetics. (It was the Roman trading routes and military expansion which made it possible for them to obtain ceruse from Germany and Sardinia.) This whitish ore of lead, when used as a powder and mixed with vinegar, was applied to the face to give it a much coveted, pale complexion. Unfortunately, its corrosive effect also ruined the skin.

With the fall of the Roman Empire, facial cosmetics went out of fashion. The invading barbarians were a wild and woolly bunch who felt masculine interests should be limited to looting, pillaging, lifting heavy objects and not looking wan and pale. The later raiders — the Norsemen, Saxons and Teutons — were covered in blue tattoos to terrify their enemies and as a talisman against evil forces. They were not trying to beautify themselves. It is not known what substance

CONTINUED FROM PRECEDING PAGE

they used for the blue dye, but it more likely was organic and not mineral.

During the Middle Ages, a naturally fair complexion was the hallmark for great feminine beauty. The use of cosmetic artifice was associated with former Roman times and considered to be sinful and decadent. Freckles were regarded as physical flaws, and women with them suffered greatly from this bias. Illness-related facial blemishes such as those caused by smallpox or venereal disease were also considered abhorrent, and it's possible that the endemic nature of such diseases led to the return of ceruse and rouge for cosmetic purposes once again during the 1500's. "Venetian ceruse" was considered to be the foremost skin product of the time, its name being derived from the fact that it was imported through that busy, Spanish-controlled port city. The best rouge, a red ochre wrapped in a rough, steel wool pad, also was imported there. Known as "Spanish wool," it was rubbed over cheeks for that desired flash of color.

Portraits of women during that period show them as having rose and cream complexions, but red and white might have been more accurate because their facial coloration was achieved with paint pots and not a natural endowment. Noticeably, the women in these portraits are rarely smiling, a sternness partially due to a lack of dental care, but largely to their cosmetics. The phrase, "Don't smile, you may crack your face," may have originated as a valid beauty tip: As the ceruse and vinegar mixture dries on the skin it hardens, forcing the wearer to keep a stiff, immobile expression.

Queen Elizabeth may have been the most famous advocate of facial cosmetics. She even applied ceruse on her liberally exposed bosom, a custom reserved for unmarried women. Although plunging necklines were meant to attract suitors, the scabrous sores caused by the ceruse mixture may have done otherwise. Flour or powdered calcium carbonate from fossilized seashells,

an everyday item known as chalk, was used by poorer women to lighten their complexions. These economical alternatives to ceruse may have saved their skins as well, in more ways than one: Two famous beauties of the 1700's were reported to have been victims of lead poisoning from ceruse.



MERCURY AND ARSENIC

Other mineral uses in skin applications proved to be harmful, though unsuspected at the time. One such popular concoction for skin blemishes was mercurial wash, which caused allergic dermatitis and took the skin off as well. Perhaps the deadliest practice in search of naturally pale skin was the eating of arsenic. Women who ingested this toxic metallic element in small quantities achieved an ethereal quality to their skin, while simultaneously courting death. And well into the 1850's, physicians prescribed "Fowler's Solution" for acne; it too was arsenic-based.

By the end of the 1800's obvious cosmetic use was considered to be in poor taste, and women generally restricted their facial toiletries to white rice powder and ointments made from herbs and plants. And although today's beauty rituals evolved from ancient times, the composition of cosmetics is now relatively safe because medical science has a broader understanding of the dangers of certain minerals and the U.S. Food and Drug Administration prevents harmful ingredients from being used.

REFERENCES: 1) Angeloglou, Maggie. *A History of Makeup*. NY: Macmillan, 1970. 2) Banner, Lois. *American Beauty*. NY: Knopf, 1983. 3) *Encyclopedia Americana*, 1984 ed., s.v. "Cosmetics."

— Kathryn Allen
Member, MMLSD

SHOW ITEMS

Phyllis Parks has reported that show plans are rapidly shaping up and that most of the dealers have now been contracted and that the committee's special display chairman, Norman Balliet, is looking for some extra-special feature display to highlight the show.

We should all be formulating our own plans for exhibiting, working, or demonstrating at the show. Many hands make light work. +++

ATTRACTING NEW MEMBERS TO A GEM AND MINERAL CLUB

By Ed Pedersen

Over the last twenty years I have been a member of four gem and mineral related hobby organizations in three different states. Members of each of these groups, and members of similar groups from other states, expressed concern over two trends. Those trends are: 1) The declining number of members, and 2) the increase in the average age of the membership. Nationally these two trends have been observed since the early 1970's. During that period of time it was reported that the number of "rockhounds" exceeded the number of stamp collectors. Part of this decline is due to a "passing of the fad" (as those with marginal interest dropped out). Another part of the decline is due to "burn out" suffered by hobbyists after a number of years of intense interest in one area. Some of the decline is due to clubs, and their members, "getting in a rut" and dropping or de-emphasizing the activities and actions that attract new members.

On a whole rockhounds are among the friendliest people you will ever meet. They are willing to teach, share, or just talk about their hobby to anyone, at any time. So why don't the clubs attract new members, especially younger ones? I feel that part of this is due to the basic nature of any hobby or social organization. One aspect of any organization is that only 10% to 25% of the "card carrying" members actually work to support the organization. The other 75% to 90% of the members pay their dues and expect to benefit from the club. If these members are asked to work (other than occasionally) many of them will leave. Also those that are willing to work will be able to give only what time they can. Those with the most time are usually the older members who are retired. These members, being the most active, are the most visible to the public and therefore do most of the actual recruiting. The members they recruit are often those with common backgrounds and interests.

To understand how the interests affect the type of new members acquired we need to look at some generalizations about our hobby. The following statements are gross oversimplifications based on the real and perceived attitudes of rockhounds and the general public. The first is that mineral collecting is only for people with money. The second is that lapidary work is the only part of rockhounding that you don't need a college degree for (The "I'm not smart enough to collect fossils or minerals" syndrome). Third that lapidary work, especially faceting, takes a lot of expensive equipment (and space). The fourth, and most nearly true, is that you have to be retired to have enough time to cut and polish rocks.

The net result of these attitudes is that many individuals who might be prospective club members are "scared off". Combining this with a club structure and activities schedule determined by a club leadership composed mostly of older members (those that are willing

to work and have the time) further reduces the chances of attracting new members. According to my unofficial survey, the most valuable and desirable new members are young adults and middle aged adults (ages 20-50). If this is true a club effort to target these individuals is required.

What factors are important to these individuals?

1. A wide range of hobby activities (minerals, fossils, lapidary) and an opportunity to learn (study groups, classes, field trips, etc.). Club meeting programs that are diverse and colorful.
2. Club meeting times that fit the schedules of working people, especially those with smaller children. This means meetings that don't last too late and meetings on nights that conflict with the fewest number of other activities (just try to catch a teenager or college student on a Friday or Saturday night!).
3. A minimum of work requirements (requests).
4. A maximum of field trips and other "more exciting" events.
5. A minimum of "club business" conducted at meetings (use the K.I.S.S. principle). Members come to visit and see the program, not hear something that they can read in the newsletter.
6. A strong emphasis on "show and tell" at the meetings (display tables for before and after meeting discussions).

What are the best sources of new members (of all ages)?

1. The club show or other annual or semi-annual event that draws local citizens with a common interest.
2. Offering classes or study groups to the local community. Classes at senior centers, and through recreational agencies (local Parks and Recreation districts).
3. Word of mouth from members of their age group. Especially in areas where people with a geologic background are employed.
4. Displays at local schools, libraries, museums, and visitors centers.

What about youth groups?

Youth groups are a very worthwhile and satisfying activity but will not contribute members. The youth members are a by-product of adults bringing their kids, not the other way around.

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P. O. Box 5342

Lincoln, Nebraska 68505



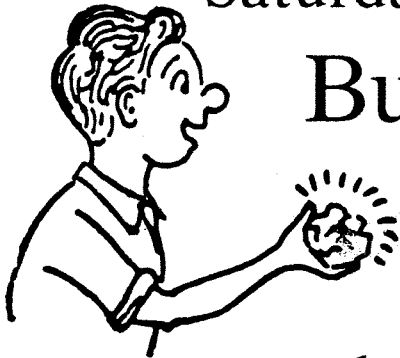
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NEWSLETTER



Published monthly
except
June, July, August

NOVEMBER, 1991 - Issue 306

Kitty Starbuck, Ed.
7636 V Avenue East
Vicksburg, MI 49097

PRESIDENT'S MESSAGE.

I would like to begin the new year by thanking the carry-over TEAM members for agreeing to continue in their jobs. Seventeen positions were due for reappointment this year; many of those people have accepted another three-year term, and several new members of the MWF Executive Committee TEAM have been appointed.

New State Director for Iowa is Roland Ramin; new Micromounts Committee chairman is Lester Wilson; new Mineralogy Committee chairman is James Gibb; new Endowment Fund Committee chairman is Chester Coleman; new Scholarship Chairman is Luella DeVoe. I will ask Editor Kitty to publish their addresses elsewhere in the Newsletter. Don't hesitate to contact them, or any of the carry-over TEAM members, with your ideas, suggestions, or problems.

It is a pleasure to welcome a NEW CLUB, the Mikenauk Rock and Gem Club of Roscommon, MI. Membership Chairman Mary Edwards has informed me that their paperwork is in order, and dues have been received. As she said, "How nice it is to have a new club come into the MWF after having so many clubs drop out."

With the present snow and cold bringing rock hunting to an abrupt halt, it becomes a good time to start working on your display for the next season of shows. I would like to see every State in the Hall of States, and every Committee have some kind of exhibit or booth at Brunswick, Ohio next summer when MWF hosts the AFMS. Let's show the whole country what TEAMWORK can do in the Midwest! Watch your mail for exhibit registration information, and make copies for all your club members. Think about putting together a Club exhibit which will show the interests of your group or things collected in your area.

I look forward to meeting old friends and finding new friends as the year progresses.

Sincerely yours,

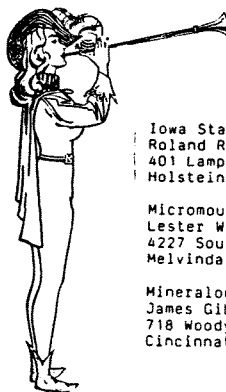
Kitty

1992 Combined AFMS & MWF SHOW

July 23rd thru July 26th, Brunswick High School, Brunswick, Ohio

ANNOUNCING!!!

NEW APPOINTMENTS...



Iowa State Director
Roland Ramin
401 Lamp Kastner Drive
Holstein, IA 51025

Micromounts
Lester Wilson
4227 South Dearborn Drive
Melvindale, MI 48122

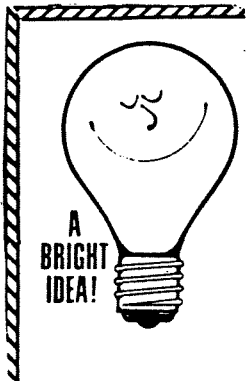
Mineralogy
James Gibb
718 Woodyhill Drive
Cincinnati, OH 45238

Endowment Fund Chairman
Chester Coleman
215 W. Main
New London, IA 52645

Scholarship
Luella DeVoe
Rt 1 Box 218
Tomah, WI 54660

Junior Activities
Jean Schoen
530 S. Woodlawn
Wheaton, IL 6 0187-4755

(You might have missed Jean's name published back in May!)



TRY THESE IDEAS!

I know it's too late for this year, but keep this in mind for NEXT YEAR!!!

A member of my club, Winona Favorite, gives out polished rocks for "Trick or Treat". She has done this for a couple years, and the kids start coming around about August asking "Are you gonna give out polished rocks again this year?"

She went on to say that out of the 133+ bags she handed out, 3/4 of the kids, when given a choice of rocks or candy, took rocks!!!

A good way to help build attendance at your show... Have a grand prize, then the next year, send each person who signed the slips, a flyer stamped with "COME AND BRING A FRIEND". They are happy to receive this 'special' invitation!!!

WHOOOPS!!! I GOOFED!!! The name of the Shell Booklet is: "Let's Collect Rocks and Shells"

ARCHAEOLOGICAL LEGISLATION

by John Boland E/L Committee

The Archaeological Resources Protection Act of 1979 prohibits collecting or disturbing any "material remains" of human life or activity over 100 years old of archaeological interest including any site or location in which the material is found, on or below the surface. Also included in the Act are prohibitions on sale, purchase, exchange, transportation or receiving of archaeological resources under the Act. The only exceptions are with written permission, and permits are to be issued only to qualified persons for the purpose of "further archaeological knowledge". "Material remains" is defined to include: whole or fragmentary tools, implements, containers, weapons, projectiles, bottles, baskets, bones, teeth, ivory, shell, metal, wood, grinding surface, mortar, coprolites, rock carving, rock painting, shipwreck, and more.

Not included in the Act are paleontological (fossil) remains, coins, bullets, and unworked minerals and rocks, unless they are found in direct relationship with any archaeological resources protected under the Act.

The complete rule and definitions can be found in CFR 36, Ch. 11 part 296.1 to 296.18, which can be found in most public libraries. (Via CFMS Nitr 5/91 -Dusty Rocks 4/91)

A new law, the Native American Graves Protection and Repatriation Act, signed by President Bush in November 1990, requires museums and federal agencies to inventory their collections of Native American human remains and associated funerary objects. And, then, where a close connection to living Indians or extant tribes can be shown, to return the items to them. Certain sacred and other important objects also will have to be turned over to tribes where a cultural affiliation can be shown.

Federal agencies manage nearly 947 million acres of land, and more than 90 percent of these holdings haven't been surveyed says Ruthann Knudson, an archaeologist with the National Park Service. In the Four Corners area, official estimate there may be almost 2 million archaeological sites. Only about 136,000 have been identified and recorded, and of these, a third or more are thought to have been looted. (Via Evansville Courier -3/31/91 by R.K. Lander's)

To Thank Each One of You



A very special Thank you
That's as warm as it can be
For as nice a group of people
As this world will ever see!

Mid West Federation

Please accept my thanks for your kindness and the honor in dedicating the 1992

Mid West Federation Show in memory of Harold.

Harold was looking forward to serving as president. He will be missed by many people in the tri state area and the

Mid West Federation. He loved his rocks and all of you.

Sincerely,

Jan McClure

DNR CLOSES COLLECTING SITE IN WISCONSIN

A field trip by the Badger Lapidary & Geological Society of Monroe, WI to northern Wisconsin for pink tourmaline was lead by Janet Blabaum, Environmental Geologist in late October. While the collecting site is well known, the DNR attempted to issue a citation for collecting on this state forest land. After some consultation, the citation was rescinded because the site was not posted. However we are assured that it is now.

Many people have heard of the mining plans of the British giant Rio Tinto Zinc and their subsidiary Kennecott Copper for an open pit copper/gold mine near Ladysmith. Over 400,000 acres of land are under lease for mining and exploration activities in northern Wisconsin. It is possible that 10 full fledged mines could be in operation by 2000. Leases describe mining for gold, copper, silver, zinc, vanadium and titanium.

Apparently, the DNR wants to discourage reconnaissance of the northern Wisconsin area for mining purposes. Since surface collecting is supposed to be legal without a permit, the legality of the posting is being investigated by this committee. The Ladysmith and Rhinelander offices of the DNR are aware of this incident.

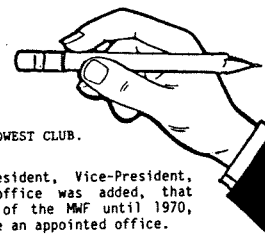
MIDWEST FEDERATION OF MINERALOGICAL AND GEOLOGICAL SOCIETIES

Member of The American Federation of Mineralogical Societies

NEWSLETTER



THERE'S NO MISTAKE ABOUT IT...



WE WOULD LIKE A HISTORY, SOME BACKGROUND, ON EACH MIDWEST CLUB.

The MMF was formed in 1940, and officers were a President, Vice-President, Secretary and Treasurer. In 1947 another elected office was added, that of Historian, and the Historian was an elected Officer of the MMF until 1970, when a 2nd Vice-President was added and Historian became an appointed office.

The operations procedures for the Historian and Archives Committee say... "solicit material for the Archives from member clubs, especially club histories".

In 1950 there were 20 MMF clubs: ten are still active, marking 40 or more years. They are - Akron Mineral Society, Ohio; Central Iowa Mineral Society; Chicago Rocks & Minerals Society; Cincinnati Mineral Society; Heart of America Geology Club, Missouri; Illowa Gem & Mineral Society; Independence Gem & Mineral Society, Missouri; Michigan Mineralogical Society; Minnesota Mineral Club; Wisconsin Geological Society.

We have 50th year publications from Wisconsin Geological Society and from Michigan Mineralogical Society in the Archives. Have the other eight clubs put out a history?

A "Club History" should list all your past officers, charter and honorary members, editors, date and place of organizational meeting, awards, activities such as shows, special projects such as scholarships, and so on. We would like a history, some background, on EACH Midwest club.

Diane Dare, Historian & Archives Chairman



KIDS ARE OUR FUTURE

AND, if we wish to celebrate another 50th Anniversary, we need to 'zero' in on these 'kids'.

An excellent booklet for kids is put out by the Shell Oil Company. A year ago, I told the chairman of our "School Kids Day", that I would find out where these could be ordered, and let him know so he could order some. Well, by the time I found out, I had them ordered and on their way!!!

Simply call the Corporate Headquarters of Shell Oil Company in Houston at: 1-713-241-4552 and ask for Sally Palzer

These are free, and you may order as many as you want. I ordered 1,500, and they were here within a week. AND, I am happy to report we have only about 200 left. Thirty of them went to school with our oldest granddaughter Monday... they are starting their "Earth Science" studies this week.

Kitty Starbuck

PRESIDENT'S MESSAGE.

Dear Federation Members:

The American Federation of Mineral Societies held their forty-fourth Annual Convention in Tampa, Florida. I represented the MMF as Director, with Jean Reynolds substituting for Glen Hanning.

AFMS Officers for 1991-1992 were nominated and elected:

- | | |
|-------------------|---|
| President: | Ed Romack - Northwest Federation |
| Exec. V-Pres: | James Hurlbut Rocky Mountain Federation |
| Treasurer: | Ruth Bailey California Federation |
| Secretary: | Fred Schaefermeyer Eastern Federation |
| Sr. Reg. V. Pres. | Ed Ries South Central Federation |
| Jr. Reg. V. Pres. | Margaret Heinek Midwest Federation |

The Uniform Rules Committee met Monday, September 16, and Tuesday the 17th. Three members serve as chairmen of this committee, this year it was Jack Hannah (Eastern Federation), Margaret Heinek (MMF), and George Noble (Rocky Mountain Federation). Each Federation has their Rules Chairman, and one other person on the Committee, with Anna Cook, MMF Chairman, and Cal George representing the MMF.

Several Divisions in the Rules Book were revised. The current revision of the Rules is the result of the continuing efforts of the Regional Federation Uniform Rules Committees, and the AFMS Rules Committee. It was voted to print the 8th edition of the Rules, and it will be on 8 1/2 x 11" loose leaf format. When revisions to any Division have to be made in the future, only that Division will be printed. The 8th Edition will be ready for printing by January, 1992, and will be used at the 1992 Convention in Ohio. If you have plans to compete at that convention, purchase or borrow the new edition.

I want to thank all committee chairmen, their assistants and everyone that helped during my year as President of the MMF. As most are aware, it takes many helpers to make things work. It was a sad year losing our friend Harold McClure, but he will be remembered with good thoughts for many years. We have lost some clubs, but hopefully in the future we will regain them and add new ones. We should work hard to interest young families with children to join our clubs and societies, helping to insure the future of our hobby. A discussion was held at the Eastern Federation Cracker Barrel on how to interest youngsters in this hobby, but it was not brought out that we must also get the parents involved in order to get the children.

So, THANK YOU ALL AGAIN, and good luck Glen on your return to the "rank of president."

Margaret Heinek

OFFICERS 1991-1992

- | | | | | |
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Canton, MI 48107
313-454-4996 |
|--|--|---|--|---|

Hats off

At the Midwest Convention and Show in South Bend, August 30-31 and September 1, 27 competitive exhibits were entered. Of these 19 won blue ribbons in their classifications...

- 90 points or more for masters or societies
- 80 for advanced
- 70 for novices or juniors,

and 11 were given trophies at the banquet. These were:

- Elizabeth Schwartz in the open division
- Charles Kelly in miniature minerals
- James Sharp in thumbnail minerals
- Carolyn Manchester in restricted thumbnail minerals
- William Horton, one in cabochons and a second in cabochons of one material
- William Stehouer in specialized lapidary
- Richard Lindner in junior lapidary
- Robert and Margaret Heinek in petrified wood
- Margaret Collins in education (concept for a general audience)
- Mineralogical Society of Cleveland in education (concept for a general audience)

Congratulations go to all those who won, and to all others who competed. They were a beautiful group of cases.

Now is the time to think about next year, when the AFMS show, the National, will be held in conjunction with the Midwest. Plan now to put in your case; read the rule book to be sure you plan your exhibit to follow the rules for the class you want to enter; build or borrow a case if you do not have one, and make liners to show off your material; allow time for someone else to proof-read your labels after you have made them. If you have questions, ask any members of the Uniform Rules Committee (listed in the 1991-92 directory). If your club or show wants a program on exhibiting, get in touch with me, and I will try to arrange one.

Anna Cook, Uniform Rules Chairman

FOSSILS ... PREHISTORIC LIFE

...Mary Boland
Paleontology Chairman

The scientists from the College of Eastern Utah, Price, Utah, made a very significant find during the summer of 1991. They excavated a huge pelvic bone of a dinosaur called *Camarasaurus* (chambered lizard). Curator of the Museum supervised the removal - Don Burge. The specimen had to have a special sled of steel constructed in order to remove it from the quarry. In its plaster jacket it was estimated to weigh about 3,600 pounds. It was found in the San Rafael Swell, in a wash. Burge is being aided by Dr. Dave Gillette, past state paleontologist, and Dino Lab owner, Dave Madsen and a group of dedicated volunteers. In books the *Camarasaurus* is described as a beast of heavy build, with a large, blunt head, big eyes, and about 4 dozen teeth. The chambered lizards are known to be up to 60 feet long and weigh up to 20 tons. We were privileged to be on the scene & photograph the find in the parking lot. From the SUN ADVOCATE, of Price, Utah.

THE WORD IS OUT

FOSSIL COLLECTING LEGISLATION By John Boland E/L Committee

In 1990, Illinois amended the Archaeological and Paleontological Resources Protection Act (HB 3242) which would restrict the collection of fossils on state lands similar to the artifacts. Dr Russell Graham, Curator and Head, Geology of the Illinois State Museum stated that the State wanted to preserve important fossils found in the State and catalog them in Springfield for study. He is responsible for writing guidelines recent inquiry indicated that progress is being made but they may not be ready until the end of the year. The guidelines will indicate that surface collecting for personal use may continue using hand tools. Rare fossils should be sent to the State Museum. As of 1990, they did not have a Tully Monster--the new State Fossil. Until the guidelines are published, local law enforcement may want to stop collectors along roadways etc. If you have any legal difficulties, call Dr. Russell Graham 217-782-7386.

South Dakota is in the process of developing a bill to restrict fossil collecting. Of course, all vertebrate fossil collecting is restricted without a permit on the large areas of the federal grasslands. Invertebrate and plant fossils can be collected in reasonable quantities for personal use. Some groups are trying to make the State requirements more restrictive.

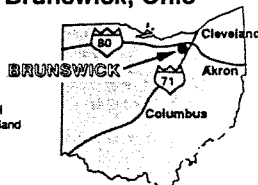
Other states are also in the process of writing fossil collecting rules. North Dakota state paleontologist completed the preliminary draft of their proposed regulations covering all fossils. A recent letter from the state paleontologist of Utah stated that all fossil collection is restricted without a permit. He is in the process of writing guidelines for publication

JOIN OUR DOWN-TO-EARTH GROUP OF YOUNG ROCKHOUNDS FOR THE

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July 23rd, 24th, 25th, and 26th, 1992
at Brunswick High School, Brunswick, Ohio

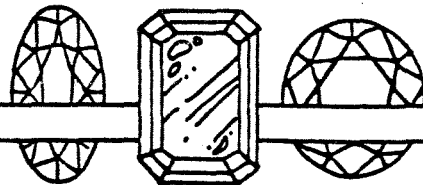
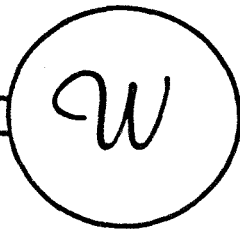
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 - Micromineral Society of CMNH
 - Mineralogical Society of Cleveland
 - Parma Lapidary Club
 - Rockport Lapidary Club



For information, write to:

SHOW CHAIRMAN:
Rose Blue
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EXHIBITS CHAIRMAN:
Dick Green
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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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