

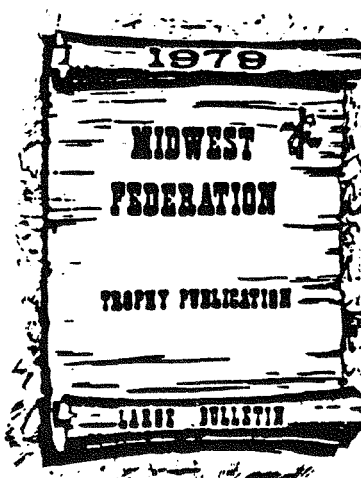
THE PICK & SHOVEL



May
1984

In this issue . . .

MOTHERS ARE PEOPLE
BIRTHSTONES-May, June, July
THE OLYMPIC GAMES
Junior Safety
Odds 'N' Ends
4 LETTERS



OFFICIAL PUBLICATION OF

Lincoln Gem and Mineral Club, Inc.

P. O. Box 5342

Lincoln, Nebraska 68505

LINCOLN GEM AND MINERAL CLUB, INC.
P.O. BOX 5342, Lincoln, NE. 68505-0342

The purpose of this corporation shall be to study, promote an interest in, and disseminate knowledge of lapidary and various earth sciences including but not necessarily limited to geology, paleontology, and mineralogy. It shall be a particular purpose of the corporation to provide education in these fields to its members and the general public, particularly youth and student groups.

MEMBER: American Federation of Mineralogical Societies (AFMS)
Midwest Federation of Mineralogical and Geological Societies (MWF)
Nebraska Association of Earth Science Clubs, Inc. (NAOESCI)
Nebraska Academy of Sciences (NAS)
Community Arts Council of Lincoln (CAC)

Regular Meetings: 4th Saturday of the month, September thru May; 7:30 P.M.
At Nebraska Center, 33rd & Holdrege

1984 ELECTED OFFICERS:

President	Howard Taylor, Jr.	910 New Hampshire	Lincoln, 68508	476-3707
1st Vice Pres....	Claude Scott	4917 Normal Blvd.	Lincoln, 68506	488-0739
2nd Vice Pres....	James Null	6515 Fremont	Lincoln, 68507	467-2763
Secretary.....	Vera Lyman	420 N. 56th St.	Lincoln, 68504	464-6089
Treasurer.....	Phyllis Parks	2435 S. 19th St.	Lincoln, 68502	476-6798
Board Member....	Linda Parks	2435 S. 19th St.	Lincoln, 68502	476-6798
Board Member....	Jim Stewart	1339 Eastridge Dr.	Lincoln, 68510	489-2867
Board Member....	Marie Taylor	910 New Hampshire	Lincoln, 68508	476-3707
Board Member....	Janet Wright	3715 S. 33rd St.	Lincoln, 68506	488-1884

NOMINATING COMMITTEE -- 3 years: Jim Parks, Ervin Marshall
2 years: Richard Haney, Wilfred Wittman
1 year: Vera Lyman, Frank Rule
Roger Pabian, Chairman

LONG RANGE PLANNING AND BY LAWS COMMITTEE:

1 year - Jim Parks, Phyllis Parks 3 years - John Abel, Roger Pabian
2 years - Marie Taylor, Vera Lyman Roger Pabian, Chairman

STANDING COMMITTEE CHAIRPEOPLE:

Calling.....	Marie Taylor	Membership.....	Linda Parks
	Phyllis Parks, Marie Wells	MWF Liaison.....	Marie Taylor
Education/Publicity...	Roger Pabian	Programs.....	James Null
Historian.....	John & Lillie Lewis	Scholarship.....	Marie Taylor
Hospitality.....	Susan Taylor	1984 Rockhound-of-yr..	Roger Pabian
Housing/Property.....	Claude Scott	1984 Annual Show.....	Roger Pabian
Junior Activities.....	Ron McColery	1985 Annual Show.....	
	Janet Wright	Christmas Party.....	Marie Taylor
Librarian.....	Jim Parks		

AUDITING COMMITTEE 1983.....Virginia Green, Vera Lyman,
Ervin Marshall, Phyllis Parks, Treas.

PICK & SHOVEL STAFF:

Editor.....Judy McColery 2928 S St. Lincoln, NE 68503
Asst. Editor.....Vera Lyman 420 N. 56th St. Lincoln, NE 68504 (NAOESCI)
Sunshine Corner..Susan Taylor
Reporters.....Julius Young, Roger Pabian, "CLUB MEMBERS"

DEADLINE: 1st of Month of Issue. Original articles may be reprinted if credit is given the author and THE PICK & SHOVEL and a copy of the publication is sent to the Editor.



Club Calendar

- * JUNIOR MEETING:
Sat. May 19, 1984 7:00 P.M.
NE Center, 33rd & Holdrege
- * GENERAL MEETING:
Sat. May 19, 1984 7:30 P.M.
NE Center, 33rd & Holdrege
With Silent Auction -
Proceeds to AFMS Scholarship

PROGRAM:
"Fossil Elephants"
by Dr. Michael Voorhies, UNL

MEETING: June 14, 1984
Organize Membership Material
Board to be notified-place

BOARD MEETING:
Thur. Sept. 6, 1984 7:30 P.M.
910 New Hampshire (Taylors)

Swaps & Shows

- June 2 & 3 Fort Butler Rock Club
Hebron - SWAP
- June 9 & 10 Northeast NE Rock &
Norfolk - SWAP Gem Club
- June 16 & 17 Homestead Gem &
Beatrice - SWAP Mineral Club
- July 21 & 22 Loup Valley Gem &
Schuyler - SHOW Mineral Soc.
- Sept. 1 & 2 Northwest NE Rock Club
Crawford - SWAP
- Sept. 8 & 9 Fort Kearney Rock Club
Kearney - SWAP
- Sept. 15 & 16 GI Earth Science Soc.
Grand Island - SWAP
- Sept. 15 & 16 Plains Rock & Mineral
Kimball - SHOW Club
- Sept. 22 & 23 NE Mineral & Gem Club
Omaha - SHOW
- Sept. 28, 29 & 30 Platte Valley Rock
N. Platte - SHOW & Mineral Soc.
- Oct. 20 & 21 GI Earth Science Soc.
Grand Island - SHOW

* * * * *

Chicagoland Gem & Mineral Show - May 26, 27, & 28
Dupage County Fairgrounds Wheaton, Illinois

MIDWEST FEDERATION SHOW/CONVENTION - July 5, 6, 7, & 8
Wisconsin State Fair Park West Allis, Wisconsin

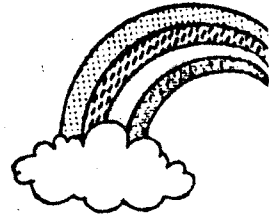
* Please note change in weekend

Regional Show Schedule

CALIFORNIA	EASTERN	MIDWEST	NORTHWEST	ROCKY MOUNTAIN	SOUTH CENTRAL
San Diego	Tidewater Beach, VA	Milwaukee Wisconsin	Anchorage Alaska	Tulsa, OK	Waco, TX
July 12-15	Aug. 10-12	July 5-8		June 8-10	March 30-31 April 1

GREETINGS FROM THE SUNSHINE CORNER

The place where two friends
first met is sacred to them all
through their friendship, all the
more sacred as their friendship
deepens and grows old.



-- Phillips Brooks

No get-well cards have been sent this past month which is
good news. Let's all work on getting spring here--and
keeping it here!

If anyone in the Club hears of anyone being ill or in
the hospital, please let me know!

Til next month!

Suze Sunshine

* * * * *
MOTHERS ARE PEOPLE

Mothers are people who cook things,
Like breakfast or lunch or a snack;
Dexterous people who hook things
Which button or zip up the back.
Mothers are people who blow things,
Balloons and kisses and noses;
Green-thumbish people who grow things,
Like ivy and puppies and roses.
Mothers are people who send things,
Like letters and strawberry tarts;
Magical people who mend things,
Like blue jeans and elbows and hearts,
Mothers are people who find things,
Like mittens and homework and germs;
Fuss-budget people who mind things,
Like slang and snowballs and worms.
Mothers are people who sweep things,
Like porches and cobwebs and rugs;
Soft-hearted people who keep things,
Like art work, report cards and hugs.
Mothers are people who nurse things,
Like a boy or a girl or a spouse.
And all in all there are worse things
Than mothers to have in the house.



"HAPPY MOTHER'S DAY"
to all Mothers

-Unknown
Submitted by the Editor

President's Message

May is the month that signifies to everyone that Summer is just around the corner. It is the time when many of us begin to plan our summer vacations and other summer-time activities. I hope that rock collecting trips and attending many of the shows and swaps sponsored by other Nebraska clubs will be a part of everyone's plans.

The May meeting is our last regularly scheduled meeting until September. To avoid any problems due to the Memorial Day holiday weekend, the meeting has been moved back to May 19th. Please remember to mark your calendars, and attend our last meeting before summer.

A silent auction will be held in conjunction with this meeting. The proceeds from this auction will go to the AFMS Scholarship Fund. I hope that all of you will bring some material for the auction.

I hope that all of you have an enjoyable summer doing the things that you have planned. Happy Rock-Hunting!

JIM

BIT OF HUMOR!!

At the Show Awards Breakfast, the topic of "patience" came up. Mrs. Scott remarked that Claude had very little "patience"! His reply was, "I still have all the patience God gave me; I just haven't used any of it yet!"

(If the truth is known, Mr. Scott; I think that's the case with most of us.)

- via your Ass't. Ed., V.L.

LAST MONTH'S PROGRAM:

An excellent Program was presented by Frank Rule, assisted by his son, Tom. This particular program had been aired previously on Cable Television. It was entitled, "Frank Rule and His Hobby".

The program included displays of Brazilian Agates, Fossil Fern Leaves, Gem Trees, and a piece of Montana Agate with "Mount St. Helens", which Frank found near Glendive, Montana.

Another was "Rule's Folley". It's a toilet seat inlaid with rocks he had cut and polished --- and even a little Gold. He indicated he would need at least \$400. to break even, if he were to sell it! But it's one of a kind and not for sale.

The program also included a display of his ribbons and awards which were many in the 25 years he has been a "Rockhound".

At the close of the program, he left us with something for all to ponder.

"A Rockhound has a privilege no other person has. That is, the Rockhound who cuts that rock is the very first person to see the beauty that God put there!"

A special Thanks, Frank and Tom, for such a splendid program.

WHO'S WHO

The following have been reinstated in Club Membership. Please be sure to add them to your Who's Who and keep your listings up to date.

Mrs. Orma Paulson
422 Dale Dr. 68510
488-2030

George Foral
3510 N. 58th St.
Omaha, NE 68104
(Toll) 553-3440

Richard & Joyce Haney
1705 East Avenue
York, NE 68467
(Toll 402) 362-5329 (unlisted)

When you want to take a bottle of soft drink along on an outing, put two ice cubes in the bottom of one of those round potato chip cans. Put the unopened drink can in and add two more ice cubes. Cover with the plastic lid. It stays cold for quite a long time.

SMOKE SIGNALS--OCTOBER 1983
via ROCKHOUND TALES & ROCK TALK

* * * * *

"Anything will give up its secrets if you love it enough."

GEORGE WASHINGTON CARVER

LINCOLN GEM & MINERAL CLUB - Board of Directors - Apr. 12, 1984

Meeting was called to order by President Jim Taylor, Apr. 12, 1984
7:30 P.M. at the Taylor home. Seven Board members were present.

Minutes of the March meeting were read and approved.

Treasurer's report was read. Motion for approval by Janet Wright,
second Linda Parks. Motion carried.

BILLS: '84 SHOW: Paid but presented for approval:

\$ 13.80	Bob Walker - Repair glass for Club Case
142.20	The Pantry - Awards Breakfast Guests
107.13	Action Ad - Sign at 17th Street Gate
34.91	Accent Copy Center - 1000 Handout Programs
26.86	" " " - 300 " " (Sunday)
40.00	Roger Pabian - Postage for Flyers & Rock Race Pro- motion
23.00	Roger Pabian - Printing Show Flyers & Rock Race material to take to K.C. Show
	SHOW PROGRAMS:
25.00	Sue Kirby - Saratoga School
25.00	Don Johannes - Naperville, IL
25.00	Prof. Lloyd Tanner - UNL
25.00	Prof. Walter Erbach - UNL
25.00	Dr. Michael Voorhies - UNL
25.00	Janet Wright - LGMC
222.00	Harry Stewart - Security for Fri. & Sat. night
46.95	Journal/Star - Classified Ads
387.59	Journal/Star - Display Ad
120.00	Sun Newspapers - Display Ad
30.40	Schwartz Paper Co. - Table Covering
3.78	Copying Show News Release (36 copies)
77.41	Page Trophy - Ribbons
33.06	Copy letters/contracts (2.88) Telephone calls (30.18)
14.70	Marie Taylor - Printing Certificates of Appreciation
75.00	Ron Vance - Dealer cancellation refund

Motion for approval by Vera Lyman, second Marie Taylor. Motion
carried.

Motion for approval by Jim Stewart, second by Janet Wright. Motion
carried. (Bill for Security)

BILLS: '84 SHOW: Presented for approval and payment:

\$ 12.24	Journal/Star - Ads
12.10	UNL - Printing Show Flyers
26.71	Journal/Star - Display Ad - Sunday, April 1
35.00	Allen D. Moeller - P.A. System at Show

Motion for approval by Linda Parks, second Vera Lyman. Motion
carried.

CLUB BILLS: Paid but presented for approval:

\$ 47.00	Reynolds, Simons, Nelson Ins. - Officer Performance Bond
32.64	Vera Lyman - Mar. Mailing P & S (24.64) Postage Stamps (4.00) Copies (4.00) (Mar. Board Mins.; Mailing Labels, Mar. Apr. May; 2 reductions)

Board of Directors - Apr. 12, 1984 - continued

\$ 11.00 San Juan Gems - Jr. Activities - Magnifying Glass
10.97 Linda Parks - Coffee & misc.
30.72 Donut Stop - 12 Doz. donuts (Show setup)
14.60 Margee Plastics - 8 Membership Badges
17.55 Margee Plastics - Membership Badges
67.49 NE Center - March Meeting - (30.00 - Rent)
(37.49 - Refreshments)

Motion for approval by Marie Taylor, second by Vera Lyman. Motion carried.

CLUB BILLS: Presented for approval and payment:

\$ 5.25 Jim Taylor - Rent 2-wheel cart to move file cabinet
85.46 UNL - Printing P & S (41.68 - Feb.) (43.78 - Mar.)

Motion by Janet Wright, for approval, second by Jim Stewart. Motion carried.

OLD BUSINESS:

Of the 6 speakers at Show - 2 returned \$ 25.00 check. (Janet Wright & Lloyd Tanner) Prof. Tanner suggested we purchase some item the Club can use. Janet would like to see hers used for Junior activities. Referred back to Show Committee since that was original source.

Scholarship Funds:

\$ 300.00 UNL Foundation /1985 Show Scholarship Awards
Preapproved at Jan. Meeting (Budget)

\$ 241.05 NE Academy of Sciences already collected.
Motion by Phyllis Parks to raise to \$ 250.00 (\$ 8.95 from Club Treasury) Second by Vera Lyman. Motion carried.

\$ 50.60 American Federation Scholarship - Postpone 'till May Board meeting for additional Show receipts.

NEW BUSINESS:

(Phyllis Parks) Comment on Jr. Activity Silent Auction at Show. Receipts = \$ 48.85

Junior Activities Account = \$ 50.00 Budget
48.85 Show Silent Auction
- 11.00 Magnifying Glass

Balance of \$ 87.85

(Linda Parks) Report on Name Badges. Order taking longer than promised. There is place on membership application for ordering name badges.

(Janet Wright) Had a nice field trip to New Mexico. Thanks to Marie for special ribbons for Juniors at Show.

(Jim Stewart) Try to get people out to Fairgrounds rather than Pershing.

(Vera Lyman) No new business.

(Marie Taylor) Read special "Thank You" from Linda Rankin for Scholarship Award at Show.

Indicated Johannes' would like to join Club. Sending Application if they would like joining.

- continued

LINCOLN GEM & MINERAL CLUB - General Meeting - Apr. 28, 1984

Meeting was called to order by President, Jim Taylor April 28, 1984, 7:30 P.M. at the NE Center.

Minutes of the March meeting were approved as printed in the Pick & Shovel. Motion for approval by Virginia Green, second by Fred Holbert. Motion carried.

Treasurer's report was approved as printed in the Pick & Shovel. Motion for approval by Virginia Green, second by Paul Brauch. Motion carried.

Hospitality Chairperson Susan Taylor reported that 42 Adult and 3 Junior members were present. She introduced the following guests:

Aletha Pflueger - friend of Adeline Nolde
Sue Kelley - friend of Mark Mercier
Garold V. O'Haver - wintering in Lincoln (from Washington)
Richard, Nelia & Garen Miller

REINSTATED MEMBERS:

Announcement was made of the following:

Mrs. Orma Paulson
George Foral

Richard and Joyce Haney returned and requested reinstatement.

NEW BUSINESS:

Tom Simmons read letter from Kay Young thanking Club for its part in getting 1 of several large rocks to Museum, which had been donated by Mr. & Mrs. Lee Halstead and Mr. & Mrs. Don McBride. (Copy of letter in Pick & Shovel) (moved by LGMC)

SHOW REPORT:

Show Chairman absent but the President reported that the Show was a success - financially.

Janet Wright announced that the sands from every state in the Junior display were donated by the Pfeiffer's. Inadvertently printed in last month's Board minutes. Apology in Pick & Shovel.

GIFTS RECEIVED AT SHOW:

The following donated gifts were presented to the Club for placement in the Club Library by Marie Taylor, Scholarship Chairperson.

Copy of his thesis - by Mohammed Ghazi - Scholarship Recipient at our Show in 1983

An excellent Book - The Scrimshaw Connection - by Mr. & Mrs. Claude Dawson - Dealers at our Show this year in appreciation of our fine hospitality.

ANNOUNCEMENTS:

Since Show, urgent plea from Jim Parks - Nebraska Gems Oh Location needs lots of specimens.

The 2 Club cases (Gems on Locations) are getting some minor overhauling so we can display again.

"Minerals of the World" chart - Tom Simmons mounted his in glass case. He is willing to put on display and will bring to club meeting next month.

Board of Directors - Apr. 12, 1984 - continued

(Jim Taylor) 2 Large Club cases - unable to get from NE Center to Show. Now removed from center - need ideas where to put on display. Question of Capitol; State Office Bldg.; Encounter Center, etc. Display permanently - with understanding we can remove at any time for our use and then return.

Order plates for both Gem Cases.

Hold off until May for further study on matter; but to be moved to Club Library for present time.

COMMITTEE REPORTS:

Membership (Linda Parks)

Approval for reinstatement: Mrs. Orma Paulson
George Foral

Motion for approval for reinstatement by Janet Wright, second by Jim Stewart. Motion carried.

Audit (Vera Lyman, Chairman) - Recommendations:

#2 That the word "local" be struck from the title of the Club Scholarship/Education Fund.

Board= Be sure to designate LGMC Scholarship/Education Fund.

#3 Any monies appropriated or raised for a specific account, be turned over to the proper chairperson for deposit in that specific account; namely scholarship accounts.

*Any monies appropriated for a definite purpose should not be spent for other purposes.

(*Specifically - advance Show receipts)

Board= Phyllis strongly objected to this recommendation. Decided not workable until CD's are changed in Jan.; perhaps not ever, depending on Club Budget.

Keep in mind 4 Scholarships =
American Federation
Nebraska Acedemy
Lincoln Foundation
LGMC Scholarship/Education Fund

Decided on Silent Auction at May General Meeting. Proceeds from Auction to go to American Federation Scholarship. Motion by Janet Wright, second by Marie Taylor. Motion Carried.

Next Board Meeting May 3, 1984, 7:30 P.M.

Respectfully submitted,

Vera Lyman
Vera Lyman, Secretary

General Meeting - Apr. 28, 1984 - continued

Janet Wright mounted her "Minerals of the World" chart in a notebook. She will be bringing hers also to the May meeting.

The 4th Saturday of May falls on Memorial Weekend so the May Meeting was moved to May 19th. The President extended an invitation to all members to think of some programs or activities for the Summer months.

The Board of Directors also decided to include a Silent Auction with the May Meeting, with proceeds going to the American Federation Scholarship Fund.

Announcements of several Shows and Exca-Vacations- South Dakota School of Mines. Dinosaur excavation effort in 2 sessions. College credits applied for those interested.

Board Meeting on May 3, 1984, 7:30 P.M. at Taylor Home.

Motion for adjournment by Jim Stewart, second by Fred Holbert. Excellent Program followed. "Frank Rule and His Hobby" presented by Frank and son, Tom.

Respectfully submitted,

Vera Lyman

Vera Lyman, Secretary

TREASURER'S REPORT: 3-31-84 NBC Checking Balance \$ 578.80

April Receipts:

Membership renewal dues	\$ 17.00
Suspense- Name Badges	7.00
Donation- Jr. Activities	1.00
Show-Silent Auction-Jr. Activities	48.85
Show Rock Races(Scholarship)	20.18
Show Dealer Space	300.00
Show Gate Receipts	2,146.50
FNB Cert. Dep.-Change/Show	500.00
Check #1700-Returned to Club(Tanner)	25.00
	<u>\$ 3,065.53</u>

April Payments:

Performance Bond	47.00
NE Center-March meeting/Refresh.	67.49
Printing-Feb. & Mar. Pick & Shovel	85.46
Mail April Pick & Shovel/Misc. copy	26.51
UNL Foundation/'85 Scholarship Dep.	300.00
NE Academy Science Scholarship	250.00
Show Expenses	<u>1,063.05</u>
	<u>\$ 1,839.51</u>

New NBC Balance

\$ 1,804.82

April 4, 1984



Mrs. Marie Taylor
Lincoln Gem and Mineral Club, Inc.
P. O. Box 5342
Lincoln, Nebraska 68505



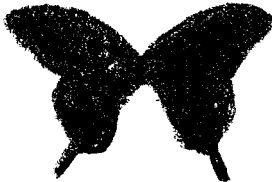
Dear Mrs. Taylor:

I would like to thank you and the Lincoln Gem and Mineral Club for selecting me as a recipient for your annual scholarship.



The funds will be put to good use this summer when I buy chemicals for dissolving my rocks and concentrating my microfossils.

I enjoyed having breakfast with you and again would like to express my thanks.



Sincerely,

Linda V. Rankis

Linda V. Rankis
Graduate Student
University of Nebraska - Lincoln

Mary Rebone
433 Morrill Hall
University of NE
Lincoln, NE
68588

Mrs. Howard Taylor, Sr.
Scholarship Chairperson
Lincoln Gem and Mineral Club
P.O. Box 5342
Lincoln, Ne
68505

Dear Mrs. Taylor,

April 11, 1984

I would like to thank you and the club for selecting me for one of your scholarships. The money has given me the opportunity to join the Geological Society of America, and the Society of Economic Paleontologists and Mineralogists, something my finances did not previously allow. Also, thank you for the delicious breakfast, and the opportunity to look at the mineral and gem displays.

Sincerely yours,

A handwritten signature in cursive script that reads "Mary Rebone".

Mary Rebone

San Juan Gems

BOX 1077
CORTEZ, COLO. 81321
(NORTH ON HIWAY 145)

J. B. & GERALDINE SANCHEZ

PHONE 303 - 565-9854

4-6-84

Lincoln Sen. & Mineral Club

P.O. Box 5342

Lincoln Ne 68505

Dear Howard & Club members.

We would like to thank you for a
good show. It was very good for
us and everyone so very nice as usual.

Our trip home was good - we stopped south
to Salina Kc and across so didn't hit the
bad weather.

Hoping you all have a good year, we
are looking forward to being with you
next year.

Sincerely
J.B. & Gerri

The Gem Shop, Inc.

Eugene Mueller, Pres.

W64 N723 Washington Avenue
Cedarburg, Wisconsin 53012
414/377-4666

Custom Cabbng and Faceting
Rough Gem Material
Import — Ex
Cut Stone

April 27, 1984

Lincoln Gem & Mineral Club, Inc.
P.O. Box 5342
Lincoln, Nebraska 68505

Dear Jim:

Thank you for inviting us to participate in your last show. It was a successful show for us, as I hope it was for you. Please keep us in mind for your next one. We will be looking forward to it.

Sincerely,

THE GEM SHOP, INC.



Eugene Mueller
President

clg

BIRTHSTONES OF THE MONTH:

EMERALD..MAY BIRTHSTONE

Emerald (green beryl) is one of the most highly prized gemstone. Fine emerald have a velvety body appearance. Their value lies in their even distribution of color like other stones of the beryl group are usually most valuable when free of flaws. Best emerald comes from Columbia, South America. The name is from the Greek word beryllos. Indicating any green gemstone Beryl is also valuable; industrially as a source of beryllium for use in the manufacture of alloys.

THE AUDUBON SOCIETY
Field Guide to
North American Rocks
and Minerals

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ALEXANDRITE..JUNE BIRTHSTONE

Dark yellow-green to slightly bluish-green chrysoberyl that appears red, purplish, or purplish violet under artificial light is called Alexandrite. All other colors, including yellow to greenish-yellow, yellowish-brown, and bluish-green to green, are known simply as chrysoberyl. Some pale yellow to dark bluish-green and golden brown stones exhibit a floating billowy light, which moves as the stone is rotated, an effect called cymophane. When the cymophane effect is confined to a narrow band, precious catseye or chrysoberyl (also in alexandrite) catseye is produced. Alexandrite and chrysoberyl are faceted, whereas catseye and cymophane must be fashioned as cabochons. Most gem-quality chrysoberyl comes from foreign sources, including Brazil, Ceylon, China, Rhodesia, and Russia.

The finest alexandrite comes from near Sverdlovsk, in the Ural Mountains, of the USSR.

The name is from the Greek chrysos and beryllos, in allusion to its golden-yellow color.

THE AUDUBON SOCIETY
Field Guide to
North American Rocks
and Minerals

Birthstones continued on page 6

* * * * *

MOONSTONE: ANOTHER BIRTHSTONE FOR JUNE

Orthoclase, Adularia is transparent or opalescent (moonstone) is one of the potash feldspars. Commonly occurs in granite pegmatites and are usually in volcanic rock. They are widely distributed in North America. The potash feldspars are used in gemstones and in ceramics.

THE AUDUBON SOCIETY
Field Guide to
North American Rocks
and Minerals

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RUBY..JULY BIRTHSTONE

Blood red corundum is called Ruby and is the rarest and most valuable gemstone. Some Ruby's are faceted but most are worked into cabochons. Thailand, Ceylon and Burma are the principal sources for Ruby but some have been found in North Carolina and Montana. The name is from Kuruntom, a Tomil word derived from Sanskrit, Kurwinda. Some Riby corundum is used as an abrasive.

THE AUDUBON SOCIETY
Field Guide to
North American Rocks
and Minerals

* * * * *

SHOP HINTS

Quite often, in lapidary work one has a need for epoxy cement. It is difficult to find a suitable container for mixing it. Chester Dyl, Niagara Falls, NY, has come up with the idea to use the plastic tops from coffee cans. There is no chemical reaction and when dry can be popped off by flexing the lid and the lid is ready to store or reuse..

via Rock Rattler and Calumet Gem
Smoke Signals January 1984

Keep polished cabochons in photo-slide "protector pages." The pages fit in a 3-ring notebook and each page has 20 individual pockets. The cabs are easily visible but are protected.

(Submitted by Ray Kunc
via Rear Trunk & Rock Talk)
Smoke Sognals
January 1984

THE OLYMPIC GAMES

Los Angeles will host The 1984 Summer International Olympic Games, July 28 - August 12. The subject is currently popular, but there are some misconceptions about their history; and opinions differ over rules of eligibility. "Amateurism" and "professionalism" seem to pose great problems, as they often do in athletics.

Admission to most of the events is already "sold out", by the millions. Food, housing, health and traffic problems are "natural" in any such gigantic affair. The issue concerning eligibility probably will never be solved to please everyone, and many people do not care.

The Ancient Greek Olympics began in 776 B.C., and ended over 1,000 years later. The Summer Games were revived in 1896 at Athens, and they recur every four years (Olympiad) in a different country. The winter Games began 28 years later, and follow the same 4-year schedule. Problems have increased over the years.

Some people have believed all ancient Greek athletes were amateurs. Our youngest son, Dr. David C. Young, Professor of Classics in the University of California, Santa Barbara, has made a profound study of the amateur question, and has written extensively for publication. He has lectured in several educational institutions in America and in Oxford, England. His latest book's title is, The Olympic Myth of Greek Amateur Athletics. Time magazine, April 30, 1984, p. 81, column 1, quotes him briefly; "The Greeks didn't even have a word for "amateur"!

David's graduate studies at University of Iowa gave inspiration that led to his International recognition in the field of Olympic history. His dissertation subject for a Ph.D. degree in 1963 featured the ancient Greek poet, Pindar, whose poetry honored the winners in the Olympic Games. Knowledge of Greek language and history, coupled with athletic sports enthusiasm are a rare combination.

David's extensive research indicates the Greek athletes were rewarded with more than "just an olive crown" and some fame. He finds, in recent summers' work in Greece, that they received many valuables that were worth thousands of dollars, measured by modern standards. (In some foreign countries athletes are richly paid.) He stresses that he is not crusading to throw open the modern olympic gates to professional athletes, but he feels "a serious study of the eligibility problem should be made." "The amateur athletic tradition (traces) to late 19th century England, where the sport-modern Olympics were perceived as a competition for gentlemen in the British amateur mould."

Much of the above paragraph and this one relate to a feature article in the "Santa Barbara News-Press," April 5, 1984 by John Zant, derived from a recent interview in which David related

THE OLYMPIC GAMES - continued

many aspects of the Olympics. The 5 interlocking rings in the Olympic symbol was discussed. David indicated he had not yet published all of his findings, but he believes the design meaning is more modern than ancient, though a somewhat similar figure is found near the ancient Olympic venues. The colors are chosen because at least one of them appears in the flag of every nation in the world, according to the official U.S. Olympic committee. David concludes the 5 rings were invented by a Frenchman, Baron Pierre de Coubertin who was instrumental in 1896 revival of the Games. (anyway, it is an attractive "logo")

The Americana Annual, 1984, p. 146 states some facts about 46-year-old Peter V. Ueberroth, "as president of the Los Angeles Olympic Organizing Committee (Laoc) has responsibility for organizing the biggest, most elaborate sporting event ever held. The Games of the XXII Modern Olympiad will attract more athletes (12,000) from more countries (140) than any previous Olympics." About 2.5 billion people will see them on worldwide television. Financing is not a Los Angeles problem.

Below are several factual items from U.S. News and World Report of Feb. 27, 1984: "About 300,000 daily visitors are expected in Los Angeles during the summer competition." Mayor Tom Bradley wants the city to ban hotels from jacking up charges. Officials realize that America will be on display for the world to see. He believes "that the city will be ready." The Jan. 30, 1984, p. 47 issue had a map of the widely scattered places for the events. There may be some transportation problems. Possible heat and smog cause some scheduling of strenuous outdoor events for coastal areas, late in the day when air quality may be better.

Carrying the symbolic Olympic Flame from Greece to the current Games site is an interesting part of Olympic traditions. Certain organizations have paid \$3000 to have one of their members carry the famous torch for one kilometer length of its journey, .621 mile!

The amount of high technology involved in things relating to the Games is staggering; physical, chemical, electrical, biological—yes, and of course, computers and strobe lighting etc. etc. The ancient Greeks did not have everything, but got along.

There are unbelievable numbers of attractions in California, for rockhounds as well as sports fans, so take along your pick and shovel, and bags for some "leaverite."

The summer Olympic Games in 1988 will be in Seoul, Korea. Calgary, Canada will host the winter games in 1988. So, start planning.

- Submitted by J.D. Young



.. JUNIORSLAPIDARY...JUNIOR SAFETY

When working with juniors in and about your lapidary shop, keep in mind they are subjected to all the same hazards as an adult, (plus) many more because of their size and inexperience. Chips from trim saw, fingers into grinding wheels, tool rest, hooking stone on moving machinery causing stone to be knocked free of dop stick and becoming a high speed projectile with a mind of its own, are examples.

These flying stones will more often than not end up either under or behind a piece of operating machinery. I know not to reach in with my hand or a piece of wood while the machine is moving. I shut off the power and wait until all energy is gone from the machine. However, I have been working with and about machinery for many years, but this may be a junior first exposure to energized machinery and the instructor should keep the little people's (all persons for that matter) safety as the number one priority.

Juniors take instructions well and will pick up on both good and bad habits readily. Each home lapidary shop is a world of its own and with this in mind I suggest each of us take some time to evaluate and establish in addition to basic safety rules, any potential hazard unique to our individual shop.

In my case I have these kinds of problems: concrete floors, city water piped to all wet grinders (hazard being electrical shock), turning water on with one hand and energizing electrical supply with other hand, and congested work area. My trim saw is set at a good height for me but is eye level for my 13 year old grandson. He works on a stable platform and I insist he wears goggles. These young people have super eye sight and I intend to protect them.

Safety is an ongoing thing that must be worked at and never ends. Set up a rigid safety program for yourself and expand on it for your junior counterpart's sake.

Field safety is equally important as home workshops. Hazards here include striking stones with hammers, lifting heavy weights, cave-in of overburden, slides, falling from ledges and so on, including many unknowns.

I would appreciate hearing from anyone on this subject of Junior Safety.....

Bill White
Lapidary Technical Chrm
Junior-Program Chrm RMFMS
via THE GEMROCK
March 1984

* * * * *
"If at first you do succeed-try to hide your astonishment."

LOS ANGELES TIMES SYNDICATE

The puzzle for May is a story with about 85-90 words relating to rocks, minerals and rock classification. Some of the words are mixed to sound like the word that is needed for that story, some will be hyphenated to make it easier to find, some may not sound quite right, and some are repeated. Try to get them all. Have fun and enjoy the story. No key this time, that would make it too easy.

A ROCKY ROMANCE

BY

Lou Bourdon

Asbestos we can, we shall attempt to describe the rocky romance that flared and flamed between our gal-lena and a desert rat named cal-cite.

Now our gal-lena was a gneiss little desert rose who would bake a puddingstone py-rite this minute, if she so much as guessed that you had an apatite.

But cal-cite was a jasper who was adept at adventurine and did not want to give up his precious opal, or rhodo chrosite, or even rose quartz, for that matter!

One night he approached the pueblo of our gal-lena calling in his most igneous voice:

"Hematite! Wood you like to go to the cinna-bar and have a couple of quartz of old phosfate magma (beer) that flows there?"

"I would not zinc of such volcanism" our gal-lena retorted. "And you'd better not agate-tate me again by such erosive ge-odes, or I'll schist have to call a copper!"

Now this was an onyx-pected answer! Anyway, he'd ask rhodo-chrosite to accompany him instead!

True to her reputation as a gold-digger, rhodo-chrosite said to herself- "I'll get this fools-gold and maybe I'll have a chance to gypsum-body else, if these septaria take me too much for granite! And, who knows? I might just lead him on till we have a tiff. Maybe then I can work him for a dike-ful of antimony too!"

So they decided to go to the arsenic and old lead cafe. Here, bud geiger counter man understanding rhodo-chrosite's glacial character, called dan-drite, the owner, who told bud not to serve them anyting stronger than chryso-cola at their marble topped table.

Realizing that her plans were foiled, rhodo-chrosite gave dan-drite the tiger-eye and left in a cloud of gold dust.

So, cal-cite saddled up old flint and rhode-a-nite and a day toward the silver hills, zincing it all over.

"Garnet!" he thought, "I shoulda known that them gals wood albite if they can get you petrified. It slate, but I'm gonna show them that I'm worth my salt and I'll save every nickel so's I can buy the bar-ite ranch. Then I'll ask that gal-lena to marry me!"

Finally he bought a diamond ring and after polishing it on his bola-tie, he showed it to her.

She told cal-cite coal-ly that unless he threw away his mica book with all the addresses of such sedimentary gals as rose quartz and ruby cullet and pearl the indian bead maker, that he'd better percolate right out of her life.

(Continued to next page)

A ROCKY ROMANCE- continued

To this metamorphosis cal-cite did agree. He swore that from this era on, he wood look at her ruby lips and her azure eyes only. Also he vowed that she could sic her old dog gabbro (who is old but he can stil-bite) on him if he seamed to ever show an apatite for any other gal's pies. To tell the truth, he was afraid that she might fracture his dome if they ever had another tiff. In the end, our gal-lena decided that cal-cite was a good cache. So they were married by Rev. chert who was a flinty character before he received "the call." His wife and daughter precious opal shed apache tears as cal-cite and his gal-lena rode off into an amethyst sunset to bar-ite ranch. Moral: Notice how-lite the world seams when you don't ber-yl toward anyone.

Printed in the 1/74 ROCKFINDER from the ROCKFINDER Feb. 1965 via Bulletin Editors' News Jan. 1984

* * * * *

JUNIORS!!PLEASE ATTEND OUR MAY MEETING

We are happy to have with us a new Junior Club Member. Garen Miller, the son of Richard and Nelia Miller is 11 years old and very interested in rocks, archiology, and fossils. His favorite is a dinasaur tooth and he likes his cave rocks very much also.

I, as well as Janet was very pleased with Junior attendance at the April meeting, but it could be better. PLEASE! I was planning a field trip in May, but so many of the southeastern quarries have changed hands recently (13 out of 17), that its been difficult to get anything accomplished. You have my apologies for no May field trip, but we'll try and make up for it in June. We are tentively working on three field trips in June. Hope to see you all at the May meeting and the field trips in the summer. Please remember, our May meeting is scheduled a week early. It is planned for May 19th. PLEASE TRY TO ATTEND!!

Ron McColery & Janet Wright

* * * * *

FROM THE EDITOR:

I hope everyone has a safe and happy summer. I know the McColery family is looking to a vacation. Whether you stay at home or go afar, PLEASE DRIVE CAREFULLY!!

Judy

THE VACATION ROCK
by
Ted Marikos

Have you ever laughed at your child when he or she gave you that bit of something fashioned by their hand as a token of their love?-----I THINK NOT!

Have you ever laughed at your friends (close or "just" friend), when on returning from an outing or vacation, they made their offering of some, obvious to us, useless rock?-----I HOPE NOT!

What do the above have in common?-----READ ON!

Imagine a grown adult picking up a rock, that looked interesting to them just because he or she thought you may like it. Again imagine the reaction of their family or friends---"Your not going to carry that all the way home just so Ted can laugh at you---tisk! tisk! at your age!"

But undaunted they still pack this bit of nature all through their vacation so that Monday morning they can place it before you so that-----THEY CAN BE LAUGHED AT?

The child knows no difference between high or low value, THE ADULT DOES.

I was once offered, by a friend, a broken piece of a ceramic bathroom fixture and a bit of broken concrete. These items were carried from the coast and were one of the first items unpacked---and just for me. To my great shame I wasn't big enough to understand the offering. I'm getting better at it but it takes an awful lot of practice. The person who brought those "rocks" to me is no longer with us, so I cannot make up for bursting their bubble.

We rockhounds may have learned so much that we have forgotten what it is like not to "know."

The one thing that the child and the adult have in common is a high regard (if you are afraid to use the word "LOVE") for you-----Thousands of miles away they see this rock and who do they think of?

Next time someone, anyone, offers you a "rock" nursed through their vacation---try to react in a positive way---THEY THOUGHT OF YOU. You will have to think for a while to see how you can handle it. If you start now you won't be caught off guard.

The Geode
Nov. 1983

* * * * *

"Love cures people-both the ones who give it and the ones who receive it."

DR. CARL MENNINGER

ODDS 'N' ENDS

MY APOLOGIES - to Rev. & Mrs. Pfeiffer. In the April issue of the Pick & Shovel (page 4b) while typing the Board minutes, I inadvertently lead the reader to believe the sands from every state were donated by Mr. & Mrs. Young. They were, however, donated by Rev. & Mrs. Pfeiffer and we do THANK YOU, for your thoughtfulness. Mr. & Mrs. Young were kind and offered to store them at their home until the Junior Committee could pick them up, since the Pfeiffer's were moving. Thanks to all of you for your kindness and please accept my sincerest apologies for causing this misunderstanding.

Your Secretary & Ass't Ed., Vera

WELCOME BACK "TRILOBITE"

Last month the Wisconsin Geological Society contemplated the demise of their bulletin "Trilobite". But I was very please to read in their May issue that Dennis and Mary Manning have accepted the duties of the editorship, beginning with the June issue.

Welcome to the 'club of Editors' and Good Luck in your new and exciting adventure.

The Wisconsin Geological Society is hosting the MIDWEST FEDERATION CONVENTION/SHOW, Wisconsin State Fair Park; West Allis, Wisconsin, July 5-8, 1984.

* * * * *

Tours unravel Lincoln's secrets - By Mary Kay Roth

If you're in a drowsy sort of mood as spring fever nestles over your soul, put on your walking shoes some dappled day and head on out.

Sunshine will make the sidewalks sparkle and they'll lead you meandering through town, lured by several self-guided tours offered by the Lincoln Convention and Visitors Bureau.

There's gold under them thar streets! Gold was discovered - but left unmined - beneath Lincoln's downtown streets in 1875 when the federal government sank a well around 10th and P streets. Drillers hit gold, but the government was concerned only with water and the find was ignored forever after.

- A small excerpt via
The Lincoln Star, p. 9
April 27, 1984

- Contributed by Fred Holbert, CM

VACATION

It's that time of year again when everyone is thinking about taking vacations. The Pick & Shovel staff is going to do just 'that'; take a vacation! This will be the last issue until we come back to our desks and typewriters in September. We will be refreshed and ready to work harder than ever.

In the meantime, have a SAFE AND HAPPY SUMMER!
HAPPY ROCKHOOUNDING!

Your Pick & Shovel Staff

- continued

ODDS 'N' ENDS - continued

SPECIAL THANKS:

Tom Simmons received a letter from Kay Young at the Encounter Center and wanted to share a small excerpt from that letter with fellow Club members.

"Legacy Garden"

To help visitors learn to recognize and better appreciate our area's wild plants, the Museum has begun planting a "Legacy Garden" in the space just east of the main entrance.

Additionally, we hope visitors will consider the importance of our native flora in a more general way and come to appreciate plants that lived before us. Thus, two pieces of petrified trees have been placed in the garden. The first, donated by Mr. & Mrs. Lee Hallstead of Crawford, NE., was brought to the garden last fall. The second weighing some 1,600 pounds, was donated by Mr. & Mrs. Don McBride of Orchard, NE., and kindly delivered to the Museum by Mr. Tom Simmons. (The Lincoln Gem and Mineral Club comes through again!)

Dedication of the garden is planned for September, but visitors are encouraged to watch its progress through the summer.

--Kay Young

* * * * *

Did you know...?

MONETARY VALUE OF THE OLYMPIC MEDALS

While you were watching the medals being placed around the necks of the winners during the Winter Olympics, did you wonder how much they are worth?

The value is more symbolic than real. Organizers of the Winter Games estimate the price of the gold medal at 34,000 dinars, or \$ 278. Much of that value is in the workmanship, because the 0.21 ounces of 99.99% pure gold and the 4.3 ounces of silver that go into the "gold" medal would fetch about \$ 120. at today's market prices. Pavle Lukac, spokesman for the Organizing Committee, said the silver medals, made of 99.99% pure silver, are worth about 17,000 dinars, or \$ 139. The bronze medal, made of a copper-based alloy called Tombac 90, is valued at just 750 dinars, about \$ 6.

From the Plain Dealer of 2-20-84
Via the Elms News, March 1984
Via April Chip & Lick

FIELD TRIPS

Many of us will be taking summer field trips for the purposes of collecting gem, mineral, and fossil specimens. Our aims should be to make the trips as productive, as safe, and as much fun as is possible.

Productive trips begin by defining the scope of the trip. Where will we go to collect? What will we be looking for? How will we look for it? When we define where we will go for the trip, it is possible to take measures to do some advance preparation if it is for either a lengthy vacation trip or for a day's trip to a near-by collecting site. One may purchase necessary maps and literature that pertains to the collecting area and brief oneself as to what quarries and horizons might prove to be productive. One may call ahead to seek permission to enter private grounds or to see if an area will be accessible at the time one plans to be there. Other fundamental prerequisites include motel or campground reservations. If you know any collectors in the area one plans to visit, contact them for latest information. If one does not know any collectors, clubs in various areas can be contacted if one has a Federation Directory.

Do we know what we will be looking for when we get there. Are we going to look for gemstones from glacial till or are we going to look for minerals or fossils in the underlying sedimentary rock? Many trips fail because the collectors have no ideas of what they will be looking for when they arrive at the collecting site.

Once we have established what kind of material will be the sought after material, then we can define what kind of tools and equipment will be needed. Will we just surface collect and have no need for special tools? Will hard rock mining tools be what we need to remove crystals from a solid matrix? Will we need a nest of sieves for collecting facetable stones or microfossils? Are all of the needed tools in a good, safe operating condition? Are all of the burrs ground off of the chisels and wedges? Are the picks and shovels sharp and clean and are the handles in good shape, without cracks or splinters?

Is the vehicle for the trip in safe operating condition? Are the fan belts in good condition? Are the tires in a safe, sound condition. Are the brakes in good condition. They may appear to be in sound condition at the outset of the trip, but one must keep in mind that several hundred pounds of rock will place more strain on the tires and reduce the braking power of the vehicle. Be familiar with the traffic laws of the states you drive in.

Remember, too, nobody can tell you where you will find a nice fossil, gem, or mineral. One can only tell you where they have been found before. Accessibility to a collecting area is no guarantee that you will find anything.

Roger Pabian,
Education Chairman

PARTING SHOTS

With this issue I will be ending my monthly column. It has been a pleasure to have done this for nearly 5 years. Although I will not give up writing about gems and minerals, the amount of public domain material I have had stored in my mind has become exhausted.

I have many ideas that have not yet been published. These will be submitted to journals that will afford professional credit and/or copyright protection.

I wish to thank my readers both in and outside of Lincoln Gem and Mineral Club for their comments, criticisms, and support of these monthly items. Some of the correspondence that these short notes have generated has been most enlightening.

Thank you.

Roger Pabian

Education Chairman

Midwest Federations NEWSLETTER

Published monthly except July and August as a service to member clubs. All news and articles should be sent to the Editor, Mrs. BETTE Smith, 10807 Mary Ann, Zeeland, MI 49484. All subscription orders should be sent to Parrot Printing Service, 2125 Forest Ave., Des Moines, IA 50311.

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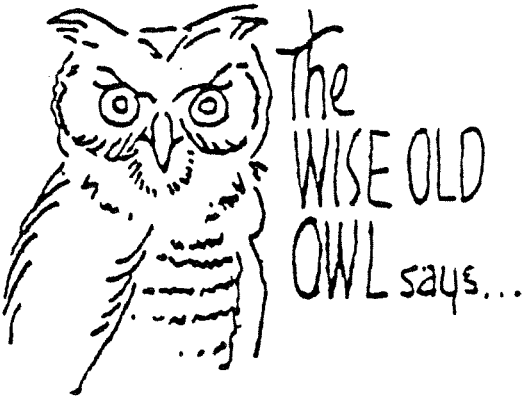
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MAY 1984 - Issue No. 244



One of the great pleasures that I get from this job is receiving the bulletins from all of the member clubs. It's enjoyable and educational to read what all of your plans and projects are, and what trips the members have been on. The programs you are having at your club meetings, the educational seminars and the show reports of the shows you have. Since I can't make all your club meetings and shows it's great to read all these, so thank you for sending me your club bulletins.

Maybe at this time I should encourage each of you Bulletin Editors to exchange your bulletins with other clubs, this way you get ideas from other clubs and, with proper credits, use some of their articles in your bulletin. Again use your MWF Directory, as each editor is listed with their bulletin names under their club in the Green

Pages of the Directory. Write to them and ask to exchange bulletins, most of them are very happy to do so.

See you in West Allis, Wisconsin, in July.

Ref

HOLOTYPE PROGRAM HONORS MWF CLUB MEMBERS

A color slide program based on the MWF 1974 Holotype display, "MWF Fossil Finders' Honor Roll", will premier at the Milwaukee MWF Show, and should be ready for clubs to begin scheduling in the fall of 1984. This program honors members of Midwest clubs who have found fossil specimens which were previously undescribed, and have had the new species named in their honor. A fossil name is made up of a genus (generally based on characteristics of the life form) and species (which may denote anything from the locality of origin to the Latinized name of the person who found it). For example, a new shrimp found by MWF Honorary Member, Eugene S. Richardson, was written up in a professional paper by Dr. Frederick Schram, who named it Kallicedthes richardsoni in Gene's honor. In a few cases, the describing author may decide that the genus is so new that it should be named for the finder. Such is the case with the very recent naming of Pabianocrinus seminolensis in honor of MWF Geology Chairman, Roger Pabian.

The original Holotype display, which in 1974 consisted of several large panels, has been put on color slides, with close-ups of the fossils and locality shots, where available. It honors 28 members of Federation clubs from nine clubs and the MWF Honorary members' list. They are: from the Earth Science Club of Northern Illinois, Lincoln, June & David Douglass, Francis & Terry Wolff, Mr. & Mrs. James Konecny, B. H. Beane, Thomas Edes and Francis J. Tully; from Badger Lapidary & Geological Society, Walter & Suzanne Dabasinskas; from West Suburban Lapidary Society, Levi Sherman; from Michigan Mineralogical Society, Hugh Wing, Ruth Chilman, Mel & Charlene Berry; from Grand Rapids Mineral Society, Marguerite Petersen; from Richland Lithnic & Lapidary Society, Dwayne Stone; from Dallas County Rock Club, Amel Priest; from Lincoln Gem & Mineral Club, Sally Heald; from Midwest Mineralogical & Lapidary Society of Dearborn, Leo Nieman, Jerry & Cecilia Duluk, Thomas Witherspoon, Millard Widener and William Hebert; and MWF Honorary member Dr. Richardson.

Since 1974 there have undoubtedly been several more new species named for MWF club members.

...continued next page

Thus, the 1984-85 project for the Holotype committee will be gathering information for an addenda to the slide program. We already have Roger's new crinoid and Pat Rutkowski's sponge, and have leads on (but need more information on, including the name of author, paper and author's and honoree's addresses) fossils named for: William Bode of the Wisconsin Geological Society; Kathy Catalani, Helen Asher of Esconi & Esconi itself. The committee needs your help on further information, please contact either co-chairman, Cecilia Duluk, 6700 Amboy, Dearborn Heights, MI 48127 or Janice Root, 6861 Desmond, Waterford, MI 48095.

1985 will also see the program expanded to become "MWF Fossil and Mineral Finders' Honor Roll", adding those minerals, such as McFallite and Binghamite, which have been named in honor of MWF members who first found them. If you know of any additional minerals so named, please contact us.

Cecilia Duluk, Holotype Display Chairperson



The packets for the 1984 Midwest Federation show were mailed to all Midwest individual club presidents, liaison officers, MWF committee persons and state directors in mid-January. Anyone wishing information on the July 5th thru 8th, 1984, MIDWEST FEDERATION SHOW/CONVENTION which will be held at the Wisconsin State Fair Park in West Allis, Wisconsin, should contact show chairperson, Lloyd Brown, 2446 North 69th Street, Wauwatosa, Wisconsin 53213, (414) 258-5761

Margaret M. Pearson, Publicity 1984 MWF Show

ARCHAEOLOGY: Western Illinois University is having a summer Archaeological Field School at the Banner site in west central Illinois. The Banner site exhibits three distinct pre-historic occupations: 1) a controversial Red Ochre/Marion burial ground, 2) a late Woodland occupation evident from arrow points and pottery fragments, and 3) a Mississippian farmstead or hamlet consisting of burned house remains, refuse/storage pits and probably burials. This field school could very well play an important role in the resolution of a significant issue in Midwestern prehistory. Part of the site has been recently damaged by removal of soil for road construction and it seems important to salvage remaining information before further damage occurs. Registration closes May 15, 1984. For further information write: Archaeological Research Laboratory, 201 Tillman Hall, Western Illinois University, Macomb, IL 61455.

Submitted by Glen Hanning, Chairperson Archaeology

ENVIRONMENT: In our midwest area, we are unwillingly exposed to air contaminated by sulfur dioxide from coal burning industries and utilities. In these days of high deficits, the Administration is not supporting limited acid rain control advanced by EPA. Their plan calls for a 3 million ton reduction of sulfur dioxide over 12 states. This would cost up to \$36 billion at a price of \$10,830 per pound of fish population protected. A congressional approach suggested \$220 billion at a cost of \$66,160 per pound of fish population protected. No one has estimated the cost of human population protected.

Submitted by John Boland, Chairperson Environment

The 1984 dates and locations for all Regional Shows and Conventions:

CALIFORNIA	EASTERN	MIDWEST	NORTHWEST	ROCKY MOUNTAIN	SOUTH CENTRAL
San Diego	Tidewater Beach, VA	Milwaukee Wisconsin	Anchorage Alaska	Tulsa, OK	Waco, TX
July 12-15	Aug. 10-12	July 5-8	Aug. 2-5	June 8-10	March 30-31 April 1

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Advertising by a rock-hobby business or interest is permitted with approval of the Board, at a rate now set at \$15.00 per full page per insertion, paid in advance.

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 \$5.00 per year mailed.

Dues to LINCOLN GEM & MINERAL CLUB are as follows:

Adult membership fee \$5.00 (age 16 and over)

Junior membership fee \$1.00 (age 12-16)

Family membership fee \$11.00 (husband, wife and all children under 16 - permanent residents of household)

New membership must be approved by the Board, after applicant attends at least one (1) regular meeting of the club, and pay the above dues plus \$1.00 registration fee.

DON'T FORGET: General meeting, Saturday, May 19th, 7:30 P.M.
at NE Center, 33rd & Holdrege

Junior meeting at 7:00 P.M. preceding
general meeting

Please note the May meeting is moved up one week due to the
Memorial Day Holiday.

See you at the May general meeting. Try to attend!! An
interesting program is planned.

See You There!!!!



h.e.l.p.

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