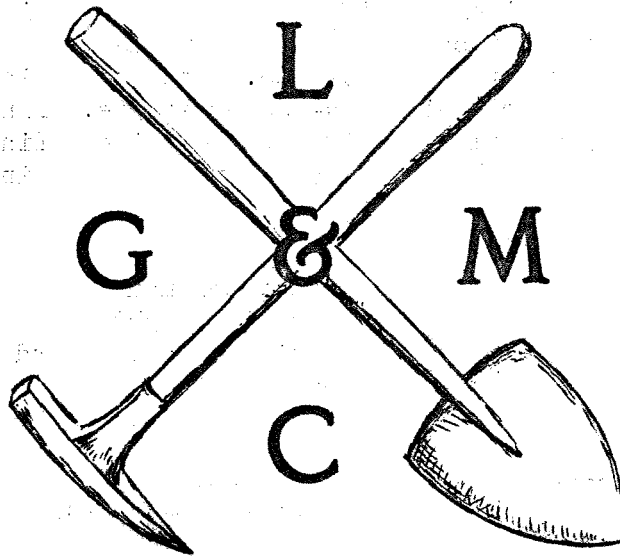


THE PICK & SHOVEL



MAY - 1975.

OFFICIAL PUBLICATION OF
LINCOLN GEM & MINERAL CLUB

LINCOLN, NEBRASKA

LINCOLN GEM AND MINERAL CLUB, INC.
P. O. Box 5342, Lincoln, NE 68505

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: Midwest Federation of Mineralogical and Geological Societies (MWF)
American Federation of Mineralogical Societies (AFMS)
Nebraska Association of Earth Science Clubs, Inc. (NAOESCI)
Community Arts Council of Lincoln (CAC)
Nebraska Recreation League (NRL)

Regular Meetings: 4th Saturday of the month, September through May, 7:30 P.M.
1975 - Nebraska State Fairgrounds, Adm. Bldg., Lower level, west door

1975 ELECTED OFFICERS:

President.....	Frank Rule	6333 Kearney	Lincoln, 68507	466-1697
1st Vice Pres...	Larry Bigley	6126 Hartley	Lincoln, 68507	466-0211
2nd Vice Pres...	Don Carter	1101 Driftwood Dr.	Lincoln, 68510	489-3442
Rec. Secretary..	Nelda Oliver	5700 Otoe St.	Lincoln, 68506	489-5222
Treasurer.....	John Harrison	Hickman, Nebr.	68372	792-3825
Board Member....	Irl Everett	2941 No. 65th St.	Lincoln, 68507	466-6204
Board Member....	George McGinnis	3444 Somerset Ave.	Lincoln, 68504	466-4878
Board Member....	Howard Taylor	910 New Hampshire	Lincoln, 68508	432-3707
Board Member....	Glen Ulrich	4609 Bancroft	Lincoln, 68506	489-2538

STANDING COMMITTEE CHAIRMEN:

Liaison	Ruthy Coleman
Hospitality	Rosalie Wright
Refreshments	Marie J. Carveth and Marcella Hilton
Membership	Marita Bigley
Historian	Frances Tracy
Librarian	Joella Olson
Education and Program	Frank Rule
Housing & Property	Contact Frank Rule
Calling Committee	
Vaya Con Dios	Marie J. Carveth
NAOESCI reporter	Luella Paul
Scholarship	Julius and Myrtle Young
Publications	Art Howlett
1975 Show Committee	Glen & Flossie Litzenberg

PICK & SHOVEL STAFF:

Editor Evelyn Ulrich, 3521 So. 48th St., Lincoln, NE 68506
Phone 488-9051

Typist Rosalie Wright
Publisher Phyllis Parks
Reporters-Club Members

Contributions from members are welcome and needed. Deadline for material is the 5th of the month to be printed. Please send copy to the Editor.

Advertising by a rock-hobby business or interest is permitted with approval of the Board, at a rate presently set at:

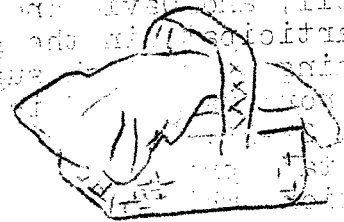
Full page (approx. 10 inches copy)	\$10.50	per insertion
Half page (" 5 " ")	5.25	" "
Third page (" 3 $\frac{1}{4}$ " ")	3.50	" "
Minimum size ad - $\frac{1}{4}$ page	at \$2.75	per insertion

Articles published in THE PICK & SHOVEL may be reprinted if credit is given the author and the bulletin, and a copy of the publication is sent to the Editor.

CALENDAR

REGULAR MEETING

When: May 31, 6:30 p.m.
 Where: Pioneer Park - Map of picnic area on another page.



Each family please bring a covered dish and a salad or dessert. Coffee and cold drinks will be furnished by the Club. Bring your own table service.

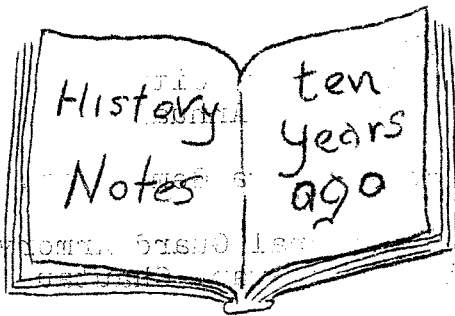
Directory Correction: The Marvin Andersons' names were accidentally omitted from the 1975 Who's Who. Please add to your directory: Anderson, Marvin (Ilene), Matthew, Karen, Twyla, and Daniel. Ceresco, NE 68017 - Telephone: 665-3747 (Toll)

1975 Dates to Remember

May 17-18	Ellinwood KS	Rock Swap, City Park
May 17-18	Hot Springs, SD	Picture City Gem & Min. Show, City Aud.
June 7-8	Hebron, NE	Fort Butler Rock & Gem Club Annual Swap, City Camp Grounds
June 7-8	Buffalo, IA	All-Iowa Roundup-Hosts Illowa Gem & Min. Society
June 13-15	Gering, NE	NAOESCI State Show, National Guard Armory
June 14-15	Beatrice, NE	Homestead Gem & Min. Club Swap, Chautauqua Park.
June 19-22	Denver, CO	AFMS-RMFS Show and Convention, Coliseum Complex, 1325 East 46th Ave.
June 28-29	Grand Island, NE	Grand Island Earth Science Society Swap, Fonner Park
Aug. 2-3	Gothenber, NE	NAOESCI State Swap, Lafayette Park
Aug. 9-10	Mitchell, SD	South Dakota State Gem & Min. Show, City Park
Aug. 16-17	Crawford, NE	Northwest Nebraska Show, City Park
Aug. 30- Sep. 1	Omaha, NE	Nebraska Min. & Gem Club Show, Holiday Inn, 3321 So. 72nd St.
Sep. 13-14	Kearney, NE	Fort Kearney Rock Club, Open House, Holiday Inn.
Sep. 19-21	Kimball, NE	Plains Rock & Min. Club Show
Sep. 26-28	North Platte, NE	Platte Valley Rock & Min. Soc. Show, National Guard Armory
Sep. 27-28	Nebraska City, NE	Arbor Valley Gem & Min. Club Show, Memorial Bldg.
Oct. 9-12	Detroit, MI	International 75, IWF and Central Canadian Fed. of Min. Soc. Show and Convention, 4400 E. Eight Mile Road, Detroit Light Guard Armory
Oct. 12	Murdo, SD	Four-Club Show, Auditorium
Oct. 18-19	Grand Island, NE	Grand Island Earth Science Show Fonner Park



LAST MONTH...65 members and 2 guests were present at the April meeting of the LGMC. Guests were Larry Lusk, president of the Community Arts Council, and David Eno. The Club has received a request from the mayor to participate in the giant Bi-Centennial celebration which the city is planning. Mr. Lusk suggested that our Bi-Centennial Show be a part of the enormous Arts Fair which the Community Arts Council expects to hold April 22-25, 1976. The Club voted in favor of having the Board of Directors take proper measures to change Article V of the Articles of Incorporation, which deals with the maintenance of the Club through the payment of membership fees and due, so that money received from Show and Swaps may also be used to help defray the costs of maintaining the Club. Susan Taylor will serve as delegate to the IWF Convention and Show in Detroit with LueElla Paul serving as alternate. We were saddened to hear of the recent death of Charles Anderson, a former member of the LGMC. After the business meeting, Don carter gave instructions on setting up display cases properly. Coffee, lemonade, and doughnuts were served by Eugene and Marcella Hilton.



The May 1965 meeting was held at the Robert's Dairy Party Room.

Everett Weber, Floyd Olson, and C. Ray Waddle acted as the committee for planning a "Plesy" float for the Nebraskaland Parade.

Roger Pabian spoke on a very interesting topic - the Iris agate.

From the notebook of Francis Tracy

This time my tribute in this column is to my sister, who was very dear to me. She passed away in Kingman, Arizona, before we arrived there, while we were on vacation.

Song for My Sisters



A sister is a heritage
Different from the rest,
A sister is a blessing
That makes one doubly blest.
A sister is a segment
Of yourself, a given part,
That come what may of joy and storm,
She never leaves your heart.
A sister is a special gift
God minted from the sun,
How do I know these things so well?
He gave me more than one.

Author Unknown

Submitted by Marie Carveth

THE PRESIDENT'S MESSAGE

Dear Club Members:

As our 75 Show is May 10th and 11th, the set-up for the Show is Friday, May 9th, at the new Agricultural Hall on the Fairgrounds.

A truck load of tables will be delivered by AAA rentals at 8:30 a.m., and Jim Farburger will need plenty of help.

There will be coffee and cookies for those helping set up another great show.

I know that Glen and Flossie Litzenberg will appreciate your help, for they have put in many hours of planning for this show. Let's all pitch in and help them. We will need plenty of cases of your goodies or bragging cabs or jewelry. We don't need empty table space.

Let's all help, and make this another great show for the Lincoln Gem and Mineral Club.

At this time I want to thank all who worked so hard for this show.

Frank Rule, President

The following is a copy of a letter to Frank Rule, LGMC president, from the office of the Director of the State Museum:

March 31, 1975

Mr. Frank Rule
President
Lincoln Gem and Mineral Club
P.O. Box 5342
Lincoln, NE 68505

Dear Mr. Rule:

I wish to personally thank the Lincoln Gem and Mineral Club, Inc. for its generous gift of \$250.00 for the purchase of invertebrate paleontology specimens. Your check is being forwarded to the University of Nebraska Foundation which handles all such donations.

Mr. Pabian took me to see the specimens to be purchased and I agree that it is an outstanding collection. Labels in the exhibits will, of course, acknowledge your club's contribution.

Sincerely,
James H. Gunnerson
Director

A thing done right today means less trouble tomorrow.
Anon. via Gem Drops

From the Editor's Desk.... This will be the last regular issue of the PICK & SHOVEL until September. There will be a mini-edition in July to acquaint you with plans for the annual Swap.

All efforts are now being concentrated on our Annual Show, May 10 and 11. Reports indicate that it is going to be one of the best we have had. Florence Boring, program chairperson, has planned an excellent program, the special features arranged by Pat Lawson are great, and the working shop, under the direction of Glen Ulrich, will be outstanding. You don't want to miss the gold casting demonstrations by Mike Holmquist, the silversmithing by Grant Quinn, or the demonstration of sphere and bowl making by Roger Pabian. Some of the Club's finest cutters will be demonstrating the making of cabochons, and Kathy and Ray Grabher will be demonstrating faceting. A fine group of Dealers--Retail and Wholesale--has been lined up by Howard Taylor. With the usual splendid cooperation of the members in supplying cases and open displays, and helping wherever needed, the Show is bound to be a success. Hats off to Glen and Flossie for a job well done, and thanks to all the workers who are so generously giving their time and talents to make this the best Show ever!

ROCKHOONDING RULES...Neal Merritt (Grant Geol. Soc.--Chips & Tips)

- Remember that someone owns the land where you may find your best specimen.
- Only after you have obtained permission from the owner should you go looking.
- Carry away with you only those specimens having real meaning for you.
- Keep on looking for the beauty that is everywhere, waiting for you to see it.
- Help to keep the region beautiful by not destroying anything.
- Open your heart and mind to the contagious sharing of those you meet in the field.
- Understanding of our beautiful world increases as we look closer at it.
- Never destroy anything that others may find valuable to them.
- Divide your finds with others and you will find that your enjoyment multiplies.
- Inspire others with your enthusiasm and you will be inspired by others.
- Notice details and soon you will have a beautifully detailed picture to enjoy.
- Give to others, not to get from them, but to get the joy you are seeking.

via The Jaspilite

"The Art of Display"; this article begins on page 6

A collection of minerals may have been started for its beauty, or for the pleasure and satisfaction of going out in the field and finding them yourself. But there are some minerals one has to get through a commercial dealer because few of us have the opportunity to travel as widely as dealers; nor do we have their contacts and sources.

When adding to your collection by purchases, the amount you pay may have little to do with that specimen's esthetic value. The axiom that one gets what one pays for does not always hold true--a less expensive piece may please you more than a high-priced one and be more highly prized because it appeals to your esthetic sense. If you've acquired a mineral and later find a better specimen, don't throw away the piece you were first attracted to for if it was good then, it is still good and will always be good.

The April 1975 meeting of the Lincoln Gem & Mineral Club Board of Directors was held at 1101 Driftwood at 7:30 P. M. with Frank Rule presiding as President.

Roll call of officers was taken, with 6 board members present and three excused.

Committee members present: Art Howlett, Glen & Flossie Litzenberg, Evelyn Ulrich, Marita Bigley, Phyllis Parks and for a short time Tom Simmons.

Minutes of the March Meeting were read and approved as read. Treasurers report by John Harrison, Jr., and approved as read.

Bills were read by the treasurer. Motion by Don Carter to approve bills as read, seconded by Nelda Oliver. Motion carried. Additional bills were read from late comers and approved with original motion.

1975 show report, by Glen & Flossie Litzenberg. Kansas Newman College offered a rare opal sculpture for \$100.00 a day with a minimum of 3 days. Motion by Howard Taylor we reject this offer, seconded by Don Carter. Motion carried.

President read letter from Dan Mount of Harrisburg inviting LCMC on a Wyoming field trip over Memorial Weekend. This letter printed in the P & S. (April)

Long Range Planning Committee - Frank Rule will contact Roger Pabian to get a meeting date set.

After discussion on a motion by John Harrison, Jr. to bring up at Sept. meeting to have a mall show, seconded by Don Carter, motion carried.

Discussion on 1976 Show. Howard Taylor would like LCMC to do something outstanding in '76 because he will be President of Midwest Federation. This is to be brought before the general membership at the April 26 meeting.

A show director should be appointed at the May meeting.

A discussion on the cost of refreshments. Frank Rule will contact Marie Carveth and ask her to hold the cost doen.

Discussion on by-laws. After discussion a motion by Howard Taylor that the board place on record a recommendation of a proposal to the by-laws committee for additional duties for first and second vice president as per such - Educational Chairman for 1st Vice President and Program Chairman for 2nd Vice-President, seconded by Nelda Oliver, motion carried.

State Rock Swap is first weekend in August at Gothenburg. Frank Rule to write to Selma Hammond to set date for LCMC rock swap. Don Carter will be Swap Chairman.

May general meeting/picnic to be changed so members can have long Memorial weekend. To be voted on at the April General meeting.

Next board meeting May 1, 1975 at Frank Rule home.

Application for membership for Deborah Langley and Andrejs Zarins (Andrew). Motion by Howard Taylor to accept to membership, seconded by John Harrison, Jr. Both dues are paid.

Camper Clinic workshop seminar to be held April 9, 16, 23, and 30 from 7 to 9 P.M. at Auld Pavilion, also the NRL Campout at the Yogi Bear Campground the weekend of May 1, 2, 3 & 4. Don³ Carter reports four locations in Colorado are closed to hunting. Has some feelers out in Wyoming. Below Guernsey Dam is brown jasper with hematite, Saratoga there is wood and the Spanish diggins.

New deadline for the P & S will be the first of the month.

State convention will need four delegates -- Frank Rule and Marie Taylor volunteered.

Need delegates to Detroit (MWF) Convention in October. Susan Joleen Taylor has volunteered. Motion by John Harrison, Jr. to allow Susan Joleen Taylor to be delegate to executive meeting in Detroit, seconded Nelda Oliver. Motion carried.

continued next side

April 1975 LGMC Board Meeting - continued

Howard Taylor needs four slides for the slide programs of the guest speaker at the banquet. Motion by John Harrison, Jr. we make additional monies available for the additional four slides, seconded Nelda Oliver, motion carried.

The board needs to get behind the 1975 Show and say lets go.

Mr. Taylor to write a short article for the P & S about the cases the club has for sale.

Motion to adjourn by John Harrison, Jr.

Nelda Oliver, Secretary

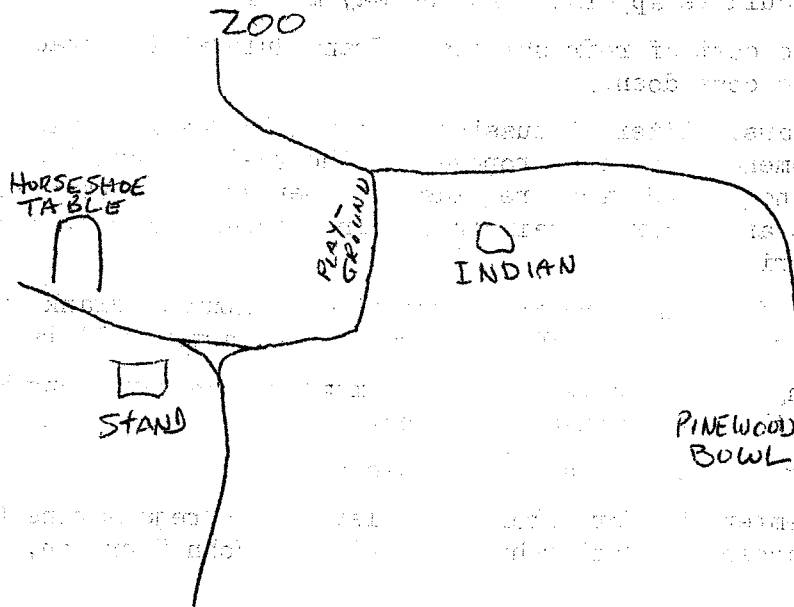
Below is a sketch of the area in Pioneer Park where we will hold our May meeting.

Take note of the fact that this will be the 5th Saturday instead of the 4th. In case of inclement weather contact your officers for information. (They promise no rain.)

Frank hopes to make this the best ever picnic meeting so bring your favorite dishes.

The Park Department has reserved the 'Horshoe' tables which are set in cement and have an electrical outlet available. They specify seating for 150 persons.

They describe the location as just west of the 'Concession Stand'.



Please feel free to bring your bragging rocks, swapping rocks, or questions about rocks.

Tentative date for the Lincoln Gem & Mineral Club Swap is July 26 and 27. A 'small' bulletin will be mailed out in advance to acquaint you with the details. Plan to have that time available though.

Dear Lincoln Gem and Mineral Club Members:

The 1975 Show should be ready by the time you read this letter. We wish to thank everyone for their cooperation in putting on this Show. We did not have the experience to put on such a Show, but with so much help from members that were qualified it did shape up.

It has been a very interesting experience for us and has helped us to become better acquainted with the Club's business and the membership. We have learned far more than if we hadn't had this chairmanship. We are happy we had the opportunity to serve the club by being Show Chairmen. It was a challenge and we feel it has been a success.

We just wanted you all to know how much we appreciated all the help that was given us and to tell the members they need not be afraid to accept any duty they are asked to do for the Club's benefit, because there will be someone there to help them when they need it.

Sincerely,
Glen & Flossie Litzenberg
1975 Show Chairmen

Howard Taylor, 1975 Dealer Chairman, has secured the following fine Retail Dealers and Wholesale Dealers for our Show -

- Retail - Lentz Lapidary Mulvane, Kansas
- Opal Via Australia Hemet, California
- Dennis & Marc Johnson Mankato, Minnesota
- Hutsell's Rock Shop Blue Springs, Missouri
- Ebersole Lapidary Wichita, Kansas
- Wonder World of Rocks St. Joseph, Missouri
- Rolene's Rock Shop Wabasso, Minnesota
- Keller's Bend, Oregon
- Everett Lapidary Lincoln, Nebraska
- Snowy Range Rock Shop Laramie, Wyoming
- Wholesale - Lovelace Lapidary Wichita Falls, Texas
- Peter Klein Lincoln, Nebraska

Pat Lawson, Special Displays Chairman, reports these displays and demonstrations which will be featured at our show -

- Fossil Sculptures, Vone Luthi, Topeka, Kansas
- Gold Wire Twisting, Ed & Mary McNamar, Des Moines, Ia.
- Sand Plaques, Dan & Inez Finch, Des Moines, Ia.
- Pictures in Gemstone, Bev Carrol, Fort Dodge, Ia.
- ERTS Sattelite Image of United States, Remote Sensing Center, Lincoln, NE
- Faceting by our own National Trophy Winner of 1974, Frank Krejci, Lincoln
- Fossil Turtles & Oredont Skulls, Larry & Vi Van Cleave, former LGMC members now of Crawford, Nebr.
- Spheremaking by Rueben Lundquist, Manhattan, Kans.
- State Museum Trilobites displayed by the University of Nebraska, Lincoln
- Silversmithing & Casting, Henry Meyers, Kansas City
- The Miss Nebraska Crown, created by the Assoc. Retail Jewelers of Nebr. & South Dakota

The following is part of an article "The Art of Display" - by Mrs. Vivienne M. Dosse, taken from Pacific Mineralogist.

The value of a mineral specimen is principally in its esthetic appeal. Of course value can be modified by rarity or current demand among collectors. Display can be a source of joy to the collector whether the mineral has value or not. Just a shelf of two, or even a box, can be used to display your collection for your own enjoyment. After a while you get to the point where you want other people to see your minerals--and then you display them publicly.

To put their best appearance forward, "wash their faces" and assign them places that give adequate space around them so there are no confusing planes, facets, or reflections. A minimum space around a specimen equal to its greatest diameter in all directions is recommended. If a specimen is mounted, allow space between mountings or bases (not between the specimens) to avoid a jumbled effect.

After showing non-competitively, you may wish to compete and might even have friends urge you on with remarks like, "You're pretty good--nobody can beat you." Mrs. Dossee advised not to believe it; they don't really know and are being polite. Having served as a judge in several competitive shows, and knowing how displays are judged, Vivienne suggested you disregard those well-intentioned friends because when you display competitively, you come up against RULES. Her advice about rules is to READ THEM. Then, READ THEM AGAIN and be sure you understand them. And OBEY them precisely! Should you compete and not win a prize, but your case is so attractive that people have stopped and looked at it, then you have passed the first hurdle--showmanship.

Mrs. Dosse did not discuss cases because there are many different types available; some designed for various purposes. Individual collectors keep trying out different cases, and that is as it should be, for no one has as yet come up with a case considered the best for all kinds of displays.

The background in a case should not overpower the specimens, because you are not showing background. Linings of pleated brocade and bright satin may cause people to stop, but they may comment about the work required on the background rather than the minerals in the case. A too subdued background is the other extreme to avoid. Grey linings kill most mineral color. The color from minerals is reflected light and that from fabric is pigment which is opaque; therefore, the colors should not be in competition or cause confusion.

In preparing a display, count the number of specimens you will show, then proceed with a mock-up. On a table top, rule or measure a space the size of the case bottom. Using boxes of various sizes, blocks of wood, styrofoam, etc. build up risers on which you expect to place specimens. When you get proportions that are pleasing to you, then start arranging the minerals. Limited only by your imagination, it is well to remember that it is the minerals that will be on display, not your skill with a scroll saw or knife. Design a case interior which will not compete with your minerals but instead will show off their beauty.

See that the case is lighted properly. Crystals especially must have light to be at their best, and reflected light or lights that can be reflected from crystal surfaces is the most desirable. Jewelers prefer incandescent light in their cases and unfrosted, clear bulbs which are shielded from the viewer's eyes. Jewelers also use velvet as background because while velvet has texture it also has a softness that does not compete with the brilliance of mineral crystals.

So many inquiries have been made concerning the George McGinnis family that a letter from Glenna is being shared with you.

4-12-75

Dear Evelyn:

Thought I'd send you a brief note to say we are enjoying our stay here in the Islands so far. Have gone island-hopping to the big one, Hawaii, to Maui and Kauai, as well as Oahu, where our daughter lives on the outskirts of Honolulu at Hickam A.F.B.

There is just no description of the flowers, sand, and sun which will tell you truly how different these islands are from the mainland. Everything here has blooms, even the weeds. Orchids grow wild along the road on Hawaii, and I've picked passion fruit, Kokee plums, guavos, and mangoes growing wild, too. Here in the yard are bananas, mangoes, avocados, and papayas, as well as coconuts. The pekoki, plumeria, ginger, and bouganvillea grow everywhere but very few of the island flowers smell at all. We have taken gobs of pictures and if they turn out well should give an idea of what it is like here.

Besides sightseeing, we have spent days on the little secluded beaches near the small villages, away from the tourist haunts. We never go to Waikiki, preferring to see and talk with the local people who are most friendly and always helpful. They have shown us where and how to hunt for shells, told us where the best swimming beaches are, where to buy local produce and fish, and have been generally tremendous hosts. They really go out of their way to be friendly.

Our daughter and husband took us out for a bit of the night life, too. We had dinner at the Top of the I, the 30 story Ilekai Hotel, one night, where the view of Pearl Harbor is magnificent at sunset, and even more so as the lights over the city come on.

We visited the sugar and pineapple plantations and had the fruit picked and sliced for us to eat right there in the field. We plan to bring some home, too. I've developed a taste for the papaya and eat it every day in some form. The little pink bananas here are delicious also.

We have watched the surfers at Makoha, Sunset and the Banzai Pipeline, like you see on T.V., visited the Polynesian Cultural Center, run by the Mormon Church to educate and keep alive the ancient crafts and way of life of the five cultures of Tonga, Fiji, Samoa, Tahiti, and Marquesa Islands, shopped Ala Moana and the International Market, as well as seeing the Palace and the Mission Houses of old and so many other places you have read about and, I hope, have the great opportunity to see yourself.

We still aren't ready to go home but will have to begin planning to soon, for we are having an October wedding and that takes a lot of work. Our Debra is marrying a Valparaiso boy, Dan Masek. We will be home in time for the May Rock Show, if we can tear ourselves away from this wonderful sand, sea, and sun.

Regards to you all.

The Macs

MAUVE STONE IS VERY RARE...The rarest gem in the world is the Taaffeite, a pale mauve-colored stone. Only two are known to exist.

via Chips and Tips

C IS FOR CATALOGUE:

SUBJECT Catalogue file your specimens!

WHY To organize your collection.
To acquire basic information on your specimens by researching each one for correct spelling and chemical composition. (Carrying this one step further and reading the complete section on each mineral you look up is a good way to get on an "old friends" basis with your collection.)

MATERIALS India ink and pen
3" x 5" file cards
Clear Nail polish
White enamel Testor's paint and tiny paint brush
or
Typing correction fluid (Liquid Paper or Sno-pake) which comes with its own brush.
Reference books - recommended are:

For chemical composition
Glossary of Mineral Species by Michael Fleischer.
This is the most complete up-to-date list of all known species that's available. It may be ordered for \$1.25 from Mineralogical Record, Inc., P. O. Box 783, Bowie, Maryland 20715.

For more indepth reading
Mineralogy for Amateurs by John Sinkankas.
This may be purchased through dealers, bookstores, or LAPIDARY JOURNAL.

METHOD Paint a small circle of white on the specimen's underside.
Write a number on it with India ink.
Coat the circle with clear nail polish.
Make a file card to correspond with the number.

Sample Cards

	Specimen 6
MINERAL:	Barite
FORMULA:	BaSO ₄
LOCATION:	Hurley, Wisconsin
DATE:	1964
OBTAINED:	Traded
NOTES:	Collected by John Brottlund, Ironwood, Michigan Pontreal Mine 40th. level (4000 ft. underground) #6 shaft, 70 crosscut
COST:	

Specimen 228

MINERAL: Millerite
 COMPOSITION: Nickel sulfide
 LOCALITY: Halls Gap, Lincoln Co., Kentucky
 DATE: 1965 SIZE: 3" x 2" x 1"
 OBTAINED: Collected COST:
 NOTES: A half geode with bright filaments of millerite on brown/gray botryoidal chalcedony. Cubes of pyrite are on the chalcedony and caught in the millerite. This specimen was collected one year following the initial discovery; but the geode was filled solid with calcite which was dissolved out (with HCl) in 1970. Showy.

Cards can be arranged numerically and then cross-filed by species. When a specimen is traded or sold this card should go to the new owner.

WHEN TO BEGIN Yesterday! That collection isn't getting any smaller.

TIME REQUIRED This depends on the size of your collection, also on how prone you are to reminiscing. Be prepared for a little nostalgia as you go through material that has accumulated over the years. Favorite specimens will recall vacation trips, swapping sessions, and field trips, not to mention new friendships that are as highly prized as the specimens that draw collectors together in the first place.

ADDED BENEFITS As you catalogue you will find yourself automatically grouping, weeding out, and cleaning your specimens. By becoming your own curator you can transform your unwieldy clutter into a collection to be proud of.

ADDITIONAL COMMENT John S. White, Jr., guest speaker from the Smithsonian at our 1973 show observed, "We are so busy we simply don't take the time to attend to the important, if unpleasant, task of cataloguing. That is very important. If documented, specimens are of greater scientific and intrinsic value."

FOOTNOTE Once you have decided on the cataloguing system that suits your needs, maintain it, or before long your specimens will be backlogged and you'll be right back where you were with floor to ceiling boxes of material you have every intention of getting at - someday.

Given a choice, wouldn't you really prefer seeing collections that reflect the loving care and maintenance of the serious collector, and isn't such a collection really one of your own goals in the hobby?

Via The Quarry

Stand up to be seen! Speak up to be heard! Shut up to be appreciated!

PACKING SPECIMENS IN THE FIELD

Coupled with the importance of proper tooling is the factor of proper packing of specimens after they have been removed. For the most part, it is impractical and time consuming to stop for detailed inspection, cleaning and preparation of specimens as they are collected in the field. However, they must be properly wrapped or protected until they can be transported home for inspection and preparation for the collection.

Many fine specimens have been collected and then ruined by careless transportation down a mountainside to the car. Specimens or crystals should always be wrapped or similarly protected. Wrapping specimens in newspaper and then packing them in a knapsack, gunnysack, basket or box is recommended. The little extra time it takes to wrap specimens in the field is well worth the effort. Here are a few tips regarding preparations for collecting and wrapping which have proven effective.

1. Rolled newspapers prepared in half sheets
2. Package of used small paper bags
3. Rolled, used tissue paper
4. Extra burlap (gunny) sacks
5. Cleansing tissue
6. Egg cartons
7. Knapsack

With the exception of the cleansing tissue and knapsack, these materials cost nothing. The entire kit of materials suggested weighs only 2#, so it adds little to the few tools you may carry to a site. Small tools, such as the cold chisels, will pack easily in the knapsack pockets.

A properly adjusted knapsack is by far the best means of carrying a load of specimens a long distance back to the car. An extra gunny sack or two should always be carried just in case you make a major find.

Open newspapers fully; stack; tear down middle fold; stack; roll up stack and put an elastic around them. In the field--unroll; lay a rock on the stack; use sheets as needed. Learn to wrap specimens by folding the newspaper as many times as possible over that side of the specimen containing the crystals as it is wrapped. This simply puts more protective cushion around the crystal area.

If the specimens collected are very fragile or delicate, additional steps should be taken to assure their safe transportation. An initial wrapping in soft tissue paper or bathroom tissue is advisable. Tissue paper that comes in suitboxes and gift parcels, flattened and rolled up, makes an inexpensive source of such packing.

For very delicate and small specimens, an egg carton is a handy item. Wrapping the specimen in tissue and placing it in one of the box's partitions provides good protection.

Another wrapping medium is the paper bag, especially the small ones almost every household throws out. Saving these during the months when you cannot collect makes wrapping very easy. A stack of several dozen flattened small paper bags, tied together with string or strong rubber band, takes up little room in a knapsack, and along with the roll of newspapers and tissue, involves very little weight.

A few small sturdy cardboard cartons filled with cotton are good for those extra special and very delicate specimens you may acquire on a field trip. Four or five such boxes kept in the car will do much to facilitate their safe arrival.

EVEL YAM

WHAT IS A ROCKHOUND?

by Darlene Hanson

Past President of the Austin Gem and Mineral Society

Among the millions of hobbyists scattered across the nation you will find a delightful individual commonly known as a "Rockhound." Rockhounds come in various sizes and shapes; short and fat, tall and fat, tall and slim, short and slim and in between but they all share a common interest, rocks--any size, any color, any shape, any place, any time.

Rockhounds can be found climbing over, crawling under, wading across, jumping down, digging in, climbing up and just plain walking and looking around. Rockhounds can be found anywhere, any time, any season day or night, but mostly in and around gravel pits, rocky hillsides, mine dumps, ravines, along railroad tracks and along nicely graveled roads. They can be found any day of the week but mostly on sunny ones, Sunday preferred, and on vacation days, beware! Some people mistrust them, most people tolerate them, other rockhounds love them and their families join them.

When you want them to go visit "Uncle Ned" today they can't because the day is a nice one, the sun is shining and yesterday's rain surely must have washed out some nice agates in some beckoning gravel pit. So you humor them, then when you are so tired you just can't walk another step, all you want is home and rest. But--a rockhound is a stubborn, inconsiderate nut, that just can't leave until he finds one more agate.

A rockhound has a good appetite. Upon arrival at a gravel pit he can sit right down and eat four hot dogs (roasted over a fire), pickles, onions, catsup and mustard, a plate of potato salad, some jello, carrot sticks, celery sticks, three cups of coffee and a big piece of chocolate cake, then quite complacently proceed to hunt rocks while carrying a piece of apple pie in one hand (in case of hunger) only to return in an hour or so for a second piece of cake and a candy bar.

Rockhounds like tools such as rock hammers, picks, small hoes, rock bags, rock saws, tumblers, grinding wheels, and polishing wheels. They also like large supplies of jewelry mountings. They love people, especially those who share their interest or admire their products. They have a language all their own and an innocent bystander might get lost in words like "tourmaline," "quartzite," "dolomite," and "thomsonite."

No one else is out looking so early in the spring or so late in the winter, from snow-thaw to snow-fall; no one else can spend so much time, alone, in the middle of nowhere, just walking and looking; no one else can pick up so many valuable stones and lug them for miles only to discover when they get home that they are not quite so valuable, then calmly toss them into a garbage can and lug them out again.

Yes, rockhounds are odd creatures, but God made them for a purpose, I suppose, and only heaven knows why; but you'll go a long way and look real hard to find anyone who enjoys life and just living any more than real good, bona fide rockhounds whose whole day is a complete success if they find one fairly good sized agate.

The Seeker via Rockhound Tales

Those agates must be Fairburns! E.U.

SAFETY PAGE



Deadly Souvenirs

Radioactive Rocks picked up by Tourists can be Dangerous

Thousands of Americans may be unwittingly exposing themselves to radioactive rocks which can give off doses of radiation 200 times stronger than the "safe" limit suggested by the Atomic Energy Commission.

The potential victims are tourists who have visited the site of the first nuclear bomb blast near Alamogordo, New Mexico. Visitors at the "Trinity" explosion site are encouraged by tour guides to gather souvenir rock samples which are often still radioactive.

"Not a very healthy practice", warns Charles Hyder, a physicist at the University of New Mexico who recently tested rocks he had collected at the site of the 27 year old blast.

"I collected 50 samples of the rock", said Hyder. A colleague and I tested them and results showed that every one of the rocks was still radioactive. If a person were to carry the "hottest" of the rocks we tested next to his body for 12 hours every day he would receive a dose 200 times the recommended limit."

Hyder pointed out that such a situation was not as unlikely as it may seem. "Trinitite", the type of rock found at the site is an attractive looking mineral with the appearance of jade glass. Many people have had jewelry pendants or key chains made out of the rocks.

There is no way for scientists to decide on the exact number of people who possess samples of the potentially dangerous rock.

There is, however, evidence indicating that thousands of people--at the very least--all over the country have bits and pieces of trinitite.

"I, for one gave away 20 or 30 pieces before I found out that the stuff is dangerous," said one Texas businessman. "Now I have to tell everybody to watch out. Some job."

The Alamogordo Chamber of Commerce openly encourages people to take trinitite samples on the tour and the military police (who conduct the tour) say nothing about the rocks being radioactive. Although the site is open to the public only one day a year, an estimated 20,000 Americans have visited the location of the blast.

Accurate estimates of potential contamination victims are further complicated by the fact that rock samples can be ordered from a number of mail order supply houses. Their advertisements say that for \$2.50 you can get a sample of genuine trinitite. What they do not say is that you could also get a sample of genuine radiation sickness.

"Rock Talk" From Midnight
via Earth Science News

FIRST AID: When on a trip, always carry a supply of juicy brown onions for burns. Slice the onion and rub the burned area gently, squeezing the onion slightly to release the juice. The effect will be cool and soothing and the burn will completely disappear in seconds.

Rocky Trails, Rock Rollers and Carney Hound
via Gems of the Foothills

If you've ever wanted a good definition of an 'ultimatum,' consider the farmer, pail in hand, who looked at his cow and said "Well, bossy, what'll it be--milk or hamburger?"

HANDY HINTS

PLASTIC DISPLAY STANDS...Hazel Morgan (via - Rockhound News)

I have searched for a display stand for thunderegg halves for a long time, and recently found that I can make attractive ones from clear plastic drinking glasses. Place a glass on a heatproof pan (aluminum pie pan), and place it in a 350° oven until it softens and slumps down. Remove from oven and place the rock specimen in the center of the soft plastic; then, using a tool such as an ice pick, shape the soft plastic around the stone. Push some of it up against the back of the stone, and some of it down flat against the pan in back of the stone to make a base wide enough to keep the stone from tipping over. Some of the plastic in front of the stone can be pulled up into a slight lip to hold against the front of the stone and aid in supporting it. The plastic will remain workable for about 30 seconds, so you must work quickly. I imagine other plastic containers could be used in this way, too, but the glasses are inexpensive, readily available, and about the right size for the average specimen. If you fail to get the desired shape before the plastic hardens, reheat it and try again. Via Jaspelite

A superfine jewelry cleaner is to use 2 c. of white vinegar, 1/2 c. of household ammonia and 1/8 c. of dish detergent, not the kind used in dishwashers. Mix and drop in jewelry and watch it shine. I found it helped my copper-bottomed pans and my silverware.

Via Pick and Chatter

Soak travertine or other porous rock in water before cutting to prevent absorption of oil and consequent discoloration.

Don't use tin oxide on rhodonite.

A few drops of liquid detergent added to the water dripping on your lap helps keep the surface more evenly matched.

Used automobile distributor caps make good holders for dopped stones. The Agatizer Via Magic Valley Gem News

Breathes there a Rockhound with aim so dead

Who never to himself has said,

"#:\$_?(\$**\$#"**:*_/\$\$#"_&\$\$#"**(&&)

As he missed the rock and hit thumb instead!!!

Del Norte Gem via Geode.

For a very high polish of stones in your tumbler, use a 1/2 lb. chunk of soluble rouge, the kind the silversmiths use. It comes in half-pound bars for about 65¢. Cut the bar in half and put it into the tumbler with the usual amount of water; tumble as long as you would with other polishing compounds. Try this if you want to improve the depth of luster in your tumbled stones.

from Del Air Bulletin via Rocks & Minerals, Sept., 1973

"The worst boss anyone can have is a bad habit." - The Jaspelite

KEEPING LOCALITIES OPEN

by June Zeitner

The retaining of our collecting areas is of prime importance. There is no one way to solve the problem, but every club and every member should do all they can to keep open and reopen every possible site.

Often a chain of misunderstanding results in the closing of a prime locality, and this seems to be what happened in a recently publicized event which took place near Bessemer City, North Carolina, which led to the closing of the Lithium Corporation of America Mine there. The Catawba Valley Gem and Mineral Society had permission to go on a trip there, but a mine worker misunderstood directions and took them to a place where they had previously not been allowed. Thinking this had been cleared with top officials the members worked there until the superintendent came and told them the spot was off limits. The dumps as well as the pit were then closed to all. Rumor magnified the incident, making it sound as if the club had acted maliciously or illegally.

Perhaps the greatest lesson from this is that our communications and understandings with the mine officials should be better. We should have our permissions in writing for the specific area we are hunting and not leave that area. If a trip seems to be an infraction of previous company rules members should seek reconfirmation before proceeding. Perhaps there should be a field trip coordinator in each district to whom the club field trip leader reports the dates and exact plans of each trip. This will help us understand each other as well as the problems of the mines.

Sometimes the closing of sites is the fault of one or more careless or thoughtless individuals. Clubs must be strict with all members on a trip and should discipline negligent members. In some cases, this discipline has been dismissal from the club, but the problem here is that these people will still do unethical things. Probably the club will get the blame anyway.

Clubs should be more scientific in their collecting and their methods, and let the mine owners and operators know that the scientific objectives of the field trips in a specific area are of major concern.

More appreciation should be shown to the owners in a concrete way. The mine offices should be given carefully labeled suites of minerals or fossils from the area. Reports of field trips and letters of thanks and often appropriate gifts should follow a successful trip. Gifts to scholarships or civic enterprises or charities could be made by the clubs in the name of a certain mine or company. Annual banquets could honor mine leaders. If a name is needed for a new mineral or fossil, or even a new jewelry style or stone cut, consider the name of the head of the mine. No good locality should just be taken for granted.

The club should follow all field trip rules and the Code of Ethics to the letter. They should stay well within bounds and not stay close enough to the forbidden areas to make the officials nervous. They should take less material than allowed. They should leave earlier than required. There should be a few less people or cars and not a few more. In other words, they should bend over backwards to be even better than they promised. It goes without saying the place should be left neater than when they arrived with no visible trace that they had even been there. Then a reasonable time should elapse before a request is made for another trip.

WASHINGTON NAMES GEMSTONE

Petrified wood is now the official state gem of Washington. The hard work of the Washington clubs paid off when the bill was signed March 12th by the Governor. Altenia Ferguson of the Washington Agate and Mineral Society says those who worked for the bill are happy. Congratulations to all involved!

Some mines prefer to grant a few large field trips a year and prefer not to be bothered at other times. Other mines or quarries would rather have small groups collect at some specific time, for instance on Sundays, and do not ever allow large crowds. Some do not permit children. Whatever the rules of the mine, there is a reason for them and they must be respected.

In some cases, closed localities have been reopened through improved understanding between owners and field trippers. Sometime the good sense and patience and determination of just one individual has resulted in a locality staying open or reopening. If all club members were equally dedicated to retaining our collecting areas, results could be gratifying. If each club tried as hard to obey rules and maintain good relationships with the owner operators as they do to load up with as much rock as they can get, our collecting troubles would be minor.

We need to have seminars and to think creatively about ways to keep open and to reopen the localities which are such a vital part of the hobby of gems, minerals, rocks and fossils. The worst possible thing for us to do is to say the day of the field trip is over and to accept that as final. There has to be a way, and improved communication and understanding will find it.

FLYING OBJECT IDENTIFIED

Skeletal remains of an immense leathery winged reptile, with a long neck suggesting it fed on dead dinosaurs had been found in West Texas. Dubbed the Texas Pterosaur, its the largest flying creature now known. The fossil remains indicate the creature, which lived more than 60 million years ago had a wingspan of 15.5 meters or 51 feet, larger than the F4 fighter jet. The largest flying creature in existence now is the condor with a wing spread of nine feet. Just imagine finding one of these on a field trip, wouldn't our rock shows be busy! What next?!

from Boulder Gazette

HELP FEED THE HUNGRY

Save commemorative, foreign or unusual stamps for the World Council of Churches. These are sold and the proceeds used to feed hungry children throughout the world.

Midwest Federation's NEWSLETTER

Published monthly except July and August as a service to members clubs.
All news, articles, subscription orders and requests for information concerning publication
should be sent to P. O. Box 1130, Des Moines, Iowa 50311



Issue No. 155 - May 1975

1975 REGIONAL SHOWS

The South Central Federation opened the 1975 group of regional shows and conventions on April 4th through 6th at Burkburnett, Texas. Titled the "Boomtown U.S.A. Gem-A-Rama and Convention", the event was held in the Burkburnett Civic Center with the North Texas Gem and Mineral Society of Wichita Falls, Texas as the host. Jim Belcher, 4021 Featherston Street, Wichita Falls, Texas was show chairman.

On May 16th through 18th the California Federation becomes the second regional to have their 1975 show and convention. Las Vegas, Nevada, has been selected as the location city with the event being titled "The World's Fair of Gems and Minerals". Hosted by the Clark County Gem Collectors, the show will be held in the Las Vegas Convention Center. Additional information can be secured by writing the show chairman, Roger Bridenburg, 5824 Halifax Avenue, Las Vegas, Nevada 89107.

The Rocky Mountain Federation will host the American Federation this year during the four day show opening June 19th in Denver, Colorado. The Denver Council of Gem and Mineral Societies is in charge with the show held in the National Western Hall of Education, Coliseum Complex. Show Chairman is Walt Risch, P.O. Box 1975, Denver, Colorado 80201.

The Eastern Federation follows the Rocky Mountain Federation and the American Federation Convention when they open their three day "Gem-Maine-ia" on Friday, June 27th. Show and convention will be held in the Exposition Building, Portland, Maine. Governor James B. Longley of Maine is expected to cut the ribbon officially opening the show. Neal Yedlin, noted authority and columnist for the Mineralogical Record, will speak on Saturday. Show chairman is W. J. Acord, Route #2, Litchfield, Maine 04350.

The fifth regional show of 1975 is the Northwest Federation show and convention on August 30th through September 1st in Billings, Montana. Titled "Montana's Treasure Chest" show, it will be the Northwest Federation's 35th annual show. It will be hosted by the Billings Gem and Mineral Club and held in the Fairgrounds Buildings. Show chairman is Joe Stockton, 1345 Maurine Street, Billings, Montana 58101.

The 1975 regional show season concludes on October 9th when the Midwest Federation opens their "International 75" show and convention in Detroit, Michigan. Hosted by the Greater Detroit Gem and Mineral Clubs, the show will be held in the Detroit Light Guard Armory. Additional information is available from William Meinert, 505 Bird Street, Birmingham, Michigan 48009.

MIDWEST FEDERATION DIRECTORY INFORMATION

The 1975 Midwest Federation Directories have been mailed to all member clubs, individual members and to everyone on the Executive Committee. The Directories include all information received on or before February 22nd. For various reasons, the questionnaires from some clubs were not received by that date and the information shown for such clubs was taken from the 1974 Directory. The following is 1975 information to replace the 1974 information given in the 1975 Directory:

KENOSHA GEM AND MINERAL SOCIETY, Inc. (Send MWF mail to Liaison Officer.)

President: Melvin Monteen, 8840 32nd Ave., Kenosha, Wisconsin 53140

Liaison: John Cyzak, 7407 33rd Ave., Kenosha, Wisconsin 53140

Editor: Loretta Bohn, 4144 N. Green Bay Road, Waukegan, Illinois 60085

Show: April 12-13, Kenosha, Wisconsin, St. Therest Hall. George Becker, 8828 32nd Ave., Kenosha, Wis. 53140

RIB MOUNTAIN GEM AND MINERAL SOCIETY (Send MWF mail to Liaison Officer.)

President: Dean Rein, Rt. #2, Wausau, Wisconsin 54401

Liaison: Robert Hajenga, 1410 E. 2nd St., Merrill, Wisconsin 54452

Editor: Ethel Schwartz, Rt. #2, Wausau, Wisc. 54401

GOOD EARTH MINERAL SOCIETY (Send MWF mail to Liaison Officer.)

President: Jane Morrison, 472 Ridgevale Drive, Worthington, Ohio 43085

Liaison: Allen P. Brown, 546 Chatham Road, Columbus, Ohio 43214

Editor: Harold Isay, 2682 Eakin Road, Columbus, Ohio 43204

new program

The Lake County Gem and Mineral Society has heard your Program Committee's plea and has given us an excellent program called "An Educational Show", consisting of 89 slides. This is a different and interesting concept in shows and should have much to offer any club.

Thank you, Lake County! It is appreciated! How about the rest of you out there? We need all kinds of programs.

E. Donald Stinnett, Program Chairman

FULL SCHEDULE OF EVENTS AT NATIONAL SHOW

Meetings - Lectures - Slide Programs - Entertainment - Swapping - Exhibits - Square Dancing and much more will be available to visitors attending the "Show of the Year". The Denver '75 National Gem and Mineral Show to be held June 19-22 at The National Western's "Hall of Education", Coliseum Complex, Denver, Colorado, will present a wide variety of exhibits and programs relating to all aspects of the hobby and will provide something of interest to all show visitors. A formal opening ceremony will be held at 9:30 a.m. Thursday, June 19th at the Hall of Education and at 10:00 a.m. the show will open to the public.

Interesting trips have been planned to Heritage Square and Elitch Gardens. Heritage Square, located just a few miles west of Denver, is a replica of an old time Colorado mining town, complete with various shops and stores. Elitch Gardens is a beautifully landscaped flower garden amusement park with hundreds of blooming plants in many varieties. Rides and other amusement park attractions are provided for both adults and children.

Many outstanding special exhibits will be on display in a specially reserved area. One of the featured special exhibits will be "Tom's Baby", the largest gold nugget ever found in Colorado. It was found in Breckenridge on July 23, 1887 and at the time it was discovered, weighed 160 troy ounces. For over 74 years it was seemingly 'lost'. When it was recently located and identified it weighed only 102 troy ounces, (12 oz. troy equals 1 lb. avoirdupois). Olive Colhour will display twelve cases of her artistic lapidary creations, of these, some will be shown publicly for the first time; Meteorites from the Nininger collection and the Denver Museum of Natural History; French minerals from the Smithsonian Institution; Raymond Arndt's faceted quartz objects and many more.

A medal commemorating the founding of the American and Rocky Mountain Federations will be available at the show. The medal, about the size of a silver dollar, has the emblem



of the American Federation on one side and on the reverse side, the emblem of the Rocky Mountain Federation. They will be serial numbered and only a limited number will be made. The profit from the sale of these medals will be divided equally between the Colorado School of Mines and the Denver Museum of

Natural History to be used as financial support of their geology museums.

Admission charges will be \$1.50 daily for adults, 75¢ daily for juniors, ages 12 thru 17 years. Children under 12 will be admitted free if accompanied by an adult, otherwise they will be charged a 75¢ fee. Four day passes are available by advance sale or at the door on the first day of the show. The cost is \$5.00 adult and \$2.50 junior.

For complete information mail inquiries to: National Gem and Mineral Show, P.O. Box 1975, Denver, Colorado 80201, or phone Ernest E. Parshall, Publicity Chairman, area code 303-733-3191.

INTERESTED IN KNOWING OF SWAP SESSIONS

The International Thumbnail Mineral Collectors Club, which is incorporated in Michigan as a Midwest Federation Member, is interested in knowing of shows which have swap sessions. Editor Paul Feldman, Box 38, Quartzite, Arizona 85346, will list these in that club's bulletin.

PUBLIC IMAGE AND COURTESY COMMITTEE

The Corn Belt Lapidary and Geological Society of Bloomington-Normal, Illinois reported that the club has paid for the regular 4H trophy for the best geological exhibit at the 4H Fair. On occasion they have furnished the judge for the 4H exhibits. Mr. and Mrs. C. Pope have taken specimens and spoken to 4H Pebble Pups and to several classes in the local schools. Mr. LaFayette Funk and others have also done this.

Mrs. Norma Miller, Assistant, of 931 Cottonwood Drive in Lincoln, Nebraska 68510 is waiting to report and record what members of your organizations are doing so that the general public can share the happiness that is rockhounding!

*Mrs. Allan Mogg, Chairperson
Route 1, Box 231, Grayslake, Illinois 60030*

DEADLINE! JUNE 1ST!

If you wish to go on the two-week geology camping trip, you must have your request to Don H. Clarke, 1107 Maple Street, Essexville, Michigan 48732, by June 1st. The trip, which is under the sponsorship of the Geology Committee of the Midwest Federation, is limited to 50 adults who may bring their children if of suitable age. State the week or weeks (July 26 through Aug. 9) you wish to be included, the names of adults and children in your party, your vehicle and type of camping outfit, and enclose the necessary fees (\$5 per week per adult.) You will receive an acknowledgment and any further information needed.

MEETING REPORTS

Complete minutes and reports will be sent to each member club on the Spring Executive Meeting held April 26 at Oakton Junior College, Morton Grove, Illinois.

200 MILLION YEARS OLD

Oil workers in the Soviet Union have found a fossilized lizard which lived 200 million years ago, according to the newspaper Turkemanskaya Iskar. Previously only bone fragments of lizards of this area have been found. -S. J. Mercury

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LINCOLN GEM & MINERAL CLUB - 17th ANNUAL SHOW - May 10-11, 1975

AGRICULTURAL HALL, Nebraska State Fair Grounds

LINCOLN, NEBRASKA

Show Chairman, Glen Litzenburg, P. O. Box 5342, Lincoln, NE 68505

