

CALENDAR

- March 25-27 "A JURASSIC FAIR" is our club's most important activity for 1994. We'll show thousands of people how great it is to be "Rockhounds" and enjoy ourselves doing it. Club Members- Gather rundown March 25th, Friday, anytime after 9 A.M. with the thought of plenty of work for everyone. Your own displays may be set in place after 3 P.M. (if tables are all dressed and Dealers are safely in place.) The Show must be ready by 8:30 P.M. on Friday nite as the doors open at 9 A.M. Saturday.
Members take part! Enjoy the show! Find some new bauble or a rock to cut or a book to read or just sit and visit with other Rockhounds. It will be a whole year until our next opportunity to share this experience.
- April 23 - Next regular meeting -Nebraska Center at 33rd and Holdrege St., 7:30 PM. Annual Scholarship presentations to UNL Students in Geology.
- May 21 - A dessert meeting at Bethany Park Shelter, Cotner and Vine St. Coffee furnished. Bring your favorite dessert or snack and your own table service. Charles will have a good program.

Add these names to your new 1994 Who's Who when you pick it up at the Show or a later meeting.

Jack Anderson, 611 No. 56th St., Lincoln, 68504, 464-4476
 James Null, 6515 Fremont St., Lincoln, 68507, 467-2763
 Change Aaron Hames to Adult Membership from Youth
 Add Charlotte Darling (daughter of Ben) to Youth Listings

Next LGM C SHOW-March 25 and 26, 1995, Pershing Auditorium.

NEBRASKA ASSOCIATION OF EARTH SCIENCE SHOWS 1994

May 14-15	STATE SWAP	Grand Island Earth Science Society. Isaac Walton Park, G.I. NE.
May 21-22	SHOW	Northeast Nebr. Rock & Mineral. Society. Norfolk, NE
Sept. 10-11	SWAP	Fort Kearney Rock Club Cottonmill Park, Kearney, NE
Oct. 1-2	STATE SHOW	Nebraska Gem & Mineral Club Omaha, NE
Oct. 15-16	SHOW	G.I. Earth Science Society Fonner Park, Grand Island, NE
Nov. 5-6	SHOW	Fort Kearney Rock Club Hill Top Mall, Kearney, NE

1994 REGIONAL SHOW SCHEDULE

ROCKY MOUNTAIN FEDERATION

July 22-24
 Rushmore Plaza Civic Center, Rapid City, SD
 Host: Western Dakota Gem & Mineral Society
 Show Chair: Tom Estes, HC 33, Box 8713,
 Rapid City, SD 57701 (605)342-2147

MIDWEST FEDERATION

September 2-3
 Century Center, South Bend, IN
 Host: Michiana Gem & Mineral Society
 Show Chair: Margaret Heinek, 7091 E. East Park La.
 New Carlisle, IN 46552 (219)654-3673

SOUTH CENTRAL FEDERATION / AFMS COMBINED

June 23-26
 Astro Arena (next to Astrodome), Houston, TX
 Host: Houston Gem & Mineral Society
 Show Chair: Ron Carmen, 6947 Foxhurst,
 Humble, TX 77338 (713)446-8949

EASTERN FEDERATION

July 8-10
 Syracuse, NY
 Host: Gem & Mineral Society of Syracuse, NY
 Show Chair: Lewis Buddell, 2718 Falls Rd,
 Marcellus, NY 13108 (315)673-1891

CALIFORNIA FEDERATION

April 18-10
 San Diego County Fairgrounds, Del Mar, CA
 Host: El Cajon Valley Gem & Mineral Society
 Show Chair: Bob Berryman, 410 So. First, #198
 El Cajon, CA 92019 (801)442-6211

NORTHWEST FEDERATION

June 3-5
 Union Station, Ogden, UT
 Host: Golden Spike Gem & Mineral Society
 Show chair: Evan Day, 509 Highland Blvd,
 Brigham City, UT 84302 (801)723-3830

YOUTH NEWS

YOUTH NEWS-Everyone is needed to help with the rock show! Please bring your exhibits and extra rocks to the show. We still have time slots open for working in the booth. Please help share your knowledge and learn too!

JURASSIC PARK -Emily Rieur

Many club members have viewed this thriller. Adeline Nolde called to make sure my parents had let me see this great film. I asked a few others their opinion about what they liked best and least.

"It was a neat idea to see dinosaurs alive in the future. It was sick, gross, and a guy gets sprayed with poison."--Janelle Jurgens.

"There were dinosaurs and I like dinosaurs! I hated it when the Raptors ate the cow!"--Emerson Wooldridge.

"The T-rex were the best. My most unfavorite part was when the storm came up."--Ed Ridge

"When the Raptors hunted the Australian was realistic. The T-rex coming through the wall was not like the book, which is better."--Aaron Hames

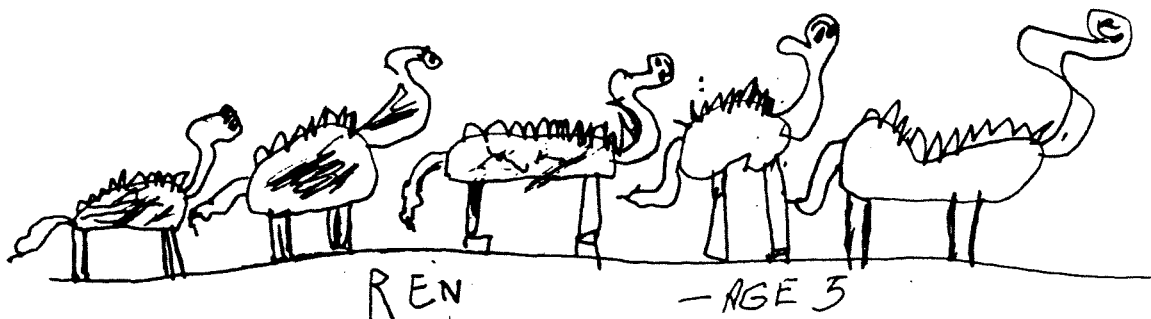
"All the different life-like dinosaurs were great. The end was left open for a sequel."--Brett Jurgens.

"I like the special effects. The Paleontologist being against computers is hard to believe."--Kevin Schwartman

"When the Apatosaurus stood on its hind legs and walked was great. The goat standing and waiting to be eaten was my least favorite."--Charles Wooldridge.

"I liked the peaceful Brontosaurus scene. One of the worst was the T-rex getting the man on the toilet."--Deb Wooldridge.

The best thing for me was that a girl saved the day. The violence made me nervous. You should go see it with your parents in case they get scared!



NOTES OF CLUB MEMBERS & ACTIVITIES -

Our 1994 Geology Day at Pioneers Park Prairie Center was another successful activity. We had a count of 300+ and lots of interest in the rocks, minerals, fossils, lapidary items and geology of the club members. Displays were shared by Jim Parks, Jon Eggen, Charles Wooldridge, Roger Pabian, Billie & David Heffelbower, Ed Ridge, Dwight & Dorothy Miller, Francis Belohlavy, Adam Whyrick, Kevin & Kathy Schwartman, & Emily Rieur. Delicious hot chocolate was provided by our Geology Day Chairman Jerry Moore and family. Thanks Mr. Chairman. and participants. Several other clubmembers came to see and enjoy the festivities.

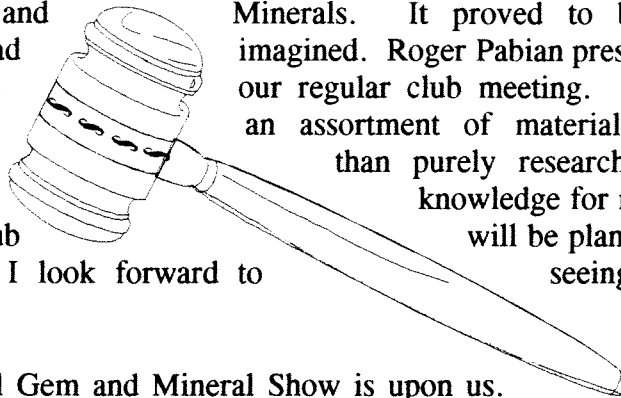
Cards have been sent to Jerry Moore, Jack Anderson, Ewald Paul and Goldie Quinn expressing our best wishes and cheerful greetings to these members who have been hospitalized recently.

Thanks go to Mike Smith who graciously donated a fine book to our club library at the January Swap. It is 'Rediscovery of the Earth' Edited by Lloyd Motz, Ph.D., Professor of Astronomy at Columbia University.

THE PRESIDENT'S MESSAGE

Fellow Club Members

February 25th approximately fifteen members of the Lincoln Gem and Mineral Club journeyed to Seward, Ne. for the first field trip of 1994. We explored the Bartels' Museum of Rocks and Minerals. It proved to be more beautiful and comprehensive than I had imagined. Roger Pabian presented an overview of the museum that evening at our regular club meeting. He pointed out that the collection represents an assortment of material that would delight a Rockhound rather than purely research oriented. This is a treasure of beauty and knowledge for rock and gem enthusiasts of all ages. The club will be planning more trips afield as the climate permits. I look forward to seeing you there on the next one.



The 36th annual Gem and Mineral Show is upon us. Please volunteer to help with set up, tear down, and displays. Your help is vitally important to the show's success. I invite each of you to join us for a catered dinner at Pershing following the close of the show on Saturday. Call Shirley Rockel and make your reservation soon!

The club has purchased a number of new videos and books. We selected a wide variety of primarily "How to" resources:

Videos: 'First Steps to Lapidary' presents a step by step guide to tumbling and cabochon cutting. In 'The Lost Wax Process-How to Do It', a professional manufacturing jeweler provides knowledge of casting and mold making. Various soldering techniques are demonstrated in 'Soldering Precious Metals'. Numerous aspects of mounting gemstones are shown in the Video 'Stone Setting'. 'Wire Wrapping' will explore the various techniques utilized in this art form.

Books: 'How to Make Wire Jewelry' presents text and photos for making jewelry step by step. 'Gem Identification Made Easy' explains in non technical terms how to identify gemstones using various instruments.

See Jim Parks, Librarian to check these new resources out. When you have finished with them please return them promptly so others can have a turn.

March 6th was Geology Day at the Chet Ager Nature Center. The club members displayed their hobby to approximately 300 interested visitors. It was very rewarding to take part in the informal sharing of gem, mineral and fossil information with old and new friends. Congratulations to Jerry Moore for coordinating the event and all who participated in the best Geology Day yet!

See you at the Show.

Woody

**Finding New Collecting Areas
Part 7 -- A Matter of Viewpoint**

Edward P. Pedersen

The writer had an opportunity to discuss mining with a miner in Northeastern Oklahoma (Tri-State Lead-Zinc District). At the time there was a considerable market for specimens from this district and 2-3" specimens of galena were selling for up to several dollars apiece. This miner and several others were mining small areas of high grade ore and considered \$40 per ton a good price for the concentrated ore. To these miners the minerals were "lead, zinc and iron" rather than galena, sphalerite and marcasite. They had never considered mineral specimens as collectors items nor did the material offer any value other than as ore. The miner remarked to the writer's wife that he did not see any reason to use fancy names.

The above illustrates a common view of miners and prospectors in many areas. From a mining company viewpoint, this is good because the miners are paid to move tons of rock and ore, not a few pounds of crystal specimens. From a collectors viewpoint, it means that thousands of potential mineral specimens are destroyed daily by active mining. It also means that many types of mineral are left exposed on the mine dumps or in the sides of mine workings because they are not considered to be "ore". Many prospect pits and exploratory shafts or adits provide good mineral collecting. It is among these that the best opportunities, for uncovering new mineral occurrences, are found.

It is not uncommon to find 8 to 12 different minerals in a deposit. Of these only two or three may be of economic value. This means that most of the remaining minerals are ignored during the mining. One lead and silver mine in Arizona contains almost no evidence of the primary ore mineral (galena), however, this mine produces good to excellent quality specimens of wulfenite, aragonite, aurichalcite and rosasite.

One of the references the writer encountered while doing research on a geologic problem in Arizona was a paper on the geology of one of the major mining districts. The habit of examining every reference for information on possible mineral collecting sites immediately came into play. Under the general heading of Mines and Prospects of one of the nearby gold producing districts was the heading "Cobalt Prospect". The general knowledge that cobalt minerals are not common indicated that this report should be examined more closely. The geographic description of the prospect was followed by a note that the exposed face of the vein was covered with cobalt-bloom (the mineral erythrite). This is a fairly rare and very attractive mineral.

The description of this prospect was good enough that with the aid of a topographic map it should be fairly easy to locate. The topographic map will indicate if it is close to any roads and give some indication of the road conditions. The report indicates that part of the workings consist of a shallow inclined shaft. There is no way to know if the face of the vein is still accessible before reaching the prospect and examining it. A lead with no more information than this, would not be worth a separate trip, unless the collector was nearby. However, it is worth locating on a map and filing for future reference.

The writer had the opportunity to visit the copper mines at Bisbee, Arizona and to learn something about this famous mineral locality. The town of Bisbee is located near the southeast corner of Arizona, a few miles from the Mexican border. These copper deposits have been mined for over 100 years. The early work was underground mining, however, during later years Phelps Dodge Corporation has done extensive open-pit mining. Most of the mineral specimens, especially azurite and malachite, for which Bisbee is famous, came from the shallower parts of the underground mines.

A classmate of the writer, one of the geologists at Bisbee, provided the information that in the 1970's Phelps Dodge Corporation had been selling minerals to dealers, a policy that the company has not practiced before. The company had recently sold a solid block of malachite with dimensions in excess of 3 ft. x 2 ft. x 1-1/2 ft. This material was found when an old tunnel was uncovered during work in the open pit. During the past mining operations carbonate minerals were not economically useable and the material containing azurite and malachite was used as back fill in the tunnels, to prevent collapse.

The writer visited the Blanchard Claims at Bingham, New Mexico. The underground workings are dangerous and were closed to the public, however, there is a small open pit which produces nice fluorite, quartz, and barite specimens. The people operating the mine and rockshop at Bingham were collecting minerals from the underground parts of the mine. They sorted some of this material outside the tunnels and the writer found good linarite and malachite specimens in the discarded material. Often this required trimming larger pieces. However, the required work was much less than would have been required to collect underground. The old mine dumps also provided specimen material.

LINCOLN GEM & MINERAL CLUB, INC. - BOARD OF DIRECTORS - Jan 31, 1994
 Cycle Shop at 7:00 P.M.

President Wooldridge called the Meeting to order. The minutes and treasurer's report were both approved. All bills were approved. Motion for approval of payment of '93 Sales Tax was made by Vera L, and 2nd by Billie H. Motion carried.

NO OLD BUSINESS.

NEW BUSINESS:
 Copy of Operating budget reviewed. Suggestions made for '94 Budget. Will present for approval at next Meeting.
 Numerous unpaid members - Will try to call and remind dues are due

SCHOLARSHIPS:
 List of submitted names and course of studies reviewed. Discussion followed.

Three chosen : Zoran Kilibardo, PhD \$ 175.00
 Rod Vasek, MS Thesis \$ 175.00
 Jon Mason, 2nd yr MS \$ 200.00 (In Young's name)

Motion by Vera L and 2nd by Ed Ridge to accept the 3 as recipients. Motion carried.
 Motion by Pam K. and 2nd by Shirley R. that we have 3rd Scholarship(given in name of J.R. & Myrtle Young) for \$ 200. (grant from Club) Motion carried.

LIBRARY:
 Money from past Silent Auction of \$ 126. which was directed for Lapidary Classes material be re-directed to purchase books, videos, etc. for Library. Utilize that \$ 126 plus additional \$ 74. from General Fund (total of \$ 200.)
 This motion made by Billie H., 2nd by Shirley R. Carried.

FINANCIAL:
 Motion by Vera L. that 1994 Budget be approved as per changes from 1993. 2nd by Shirley R. Carried.
 We have \$ 3620.00 in Money Market account. Motion by Vera L that we buy a \$ 2000. CD / 18 months. 2nd by Shirley R. Motion carried.

It was suggested by Shirley Rockel and supported by the entire Board to address all financial matters to P.O. Box address.

Meeting adjourned.

Respectfully submitted,

Vera Lyman
 Vera Lyman, Secretary

LGMC TREASURER'S REPORT-February '94
 NBC Checking Balance 01/31/94

\$3237.05

Receipts:
 1994 Member Dues 72.00
 Suspense Member overpayment 5.00
 '94 Show Dealer Space 300.00
 377.00

Payments:
 Security Storage Rent Bal. '94 216.00
 Jan.Meeting Room & coffee 199.60
 Jan. Anniversary Cake 40.14
 Pick & Shovel February Printing 51.92
 Copies for Files & Next P & S 13.76
 Copies from Jan. 7.36
 New Supply of Checks 21.88
 January Swap Chair Expense 13.79
 '94 Show Expenses 67.89
 632.34

NBC Checking Balance 2/28/94 \$2981.71

LINCOLN GEM & MINERAL CLUB, INC.-GENERAL MEETING-February 26,1994
 NCCE - Norfolk Room - Meeting at 7:30 P.M.

Meeting called to order by President Wooldridge. The Minutes and Treasurer's Report were approved as printed.

Hospitality reported 30 members present and one visitor-Ron Tollman. 6 youth members attended their meeting.

No old business discussed.

New business: Presentation of proposed 1994 Operating Budget as suggested by President and accepted by Board of Directors. No discussion. John Harrison moved for approval, second by Irl Everett, motion approved.

Announcement that Board has approved spending of up to \$200.00 for library books and videos with utilization of funds from silent auctions and raffle which had been designated for other use.

Committee reports: About 15 persons went on the Field Trip to Bartel's Museum in Seward and enjoyed it very much.

SHOW: Billie Heffelbower reported flyers available on back table, take some and put them in places for publicity. Sign up sheets will be passed for Friday Set-up, Member Booth Duty, Ticket Booth Help, Sunday Tear-down and Put away. All members are needed to make this show work-we are on the final stretch.

Geology Day, March 6 at Pioneers Park, 1 to 4. Members bring your displays between 12 and 1. Jerry Moore (back home after by-pass surgery) expects to attend and provide hot chocolate for us as originally planned. Give him your support and have fun too.

Study Group is planning a display for Show. Some members have completed parts of course and are continuing on.

The collection of Brent Jones,(former youth member) which has been donated to the club by Dr. Jones, is being evaluated and parts of it will be displayed at the Show.

Meeting adjourned. The program "An Overview of Bartel's Museum" presented by Roger Pabian was very interesting.

Respectfully submitted,

Phyllis Parks acting for
 Secretary Vera Lyman

The Lincoln Gem & Mineral Club, Inc.
Proudly Invites You To It's

36th Annual Show

March 26-27, 1984 **Pershing
Dover Level**

A JURASSIC FAIR

The Most Fun EARTHS Had in 62 Million Years

JEWELRY GEMS ROCKS MINERALS FOSSILS

DISPLAYS DEALERS PROGRAMS

For Families to Enjoy Together

Special Area For Kids
GEM DIG-ROCK RACES

DOOR

ADMISSION \$3.00

Children under 12-FREE (with Adult)

PRIZES

\$1 OFF COUPON

Admission \$2.00

One Coupon good for
family or group

children under 12-FREE (with Adult)

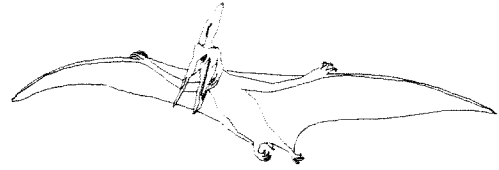
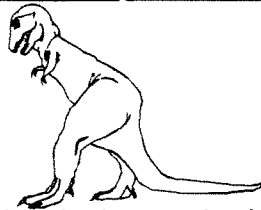
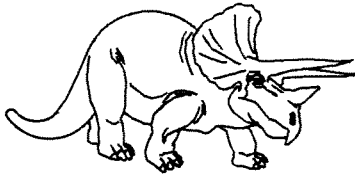
Saturday, March 26

9 AM---8 PM

Sunday, March 27

10 AM--5PM

Pershing Auditorium between M & N on 15th St. Lincoln, NE




The time is coming nearer when the Lincoln Gem and Mineral Club Members and the Dinosaurs will be taking over Pershing Auditorium for our 36th Annual Show, "A JURASSIC FAIR".

All the many facets of the show are being moved into place and the pre-show excitement is rising.

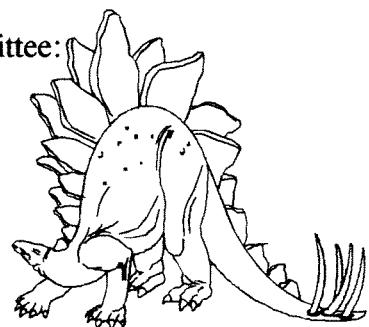
We have volunteers for Friday, Saturday and Sunday but can still use you and the help you can give us.

Don't forget we need displays to fill our space and let our show crowds see the many wonders of our hobby.

"A Great Big Jurassic Thank You" to this years Show Committee:



Dealers
Floor/Cases
Publicity
Gate & Security
Special Displays
Working Shop
Ribbons/recognitions
Youth Activities
Sat. Night Buffet
Nebr. Competition & Judges
Rock Races
Programs/Lectures
Gem Dig
Demonstrators
Membership Booth



Francis Belohlavy
Jerry Moore
David Heffelbower
Vera Lyman
Kevin Schwartzman
John Harrison
Kathy Schwartzman
Pam Killion & Kay Jurgens
Bill & Shirley Rockel
Ralph Ulrich
Ed 'Lightning' Ridge
Billie & Committee
UNL Geology Club
Billie Heffelbower
Shirley Rockel

(If anyone has been omitted-my apologies-Editor)

Jerry Moore, our Floor Chairman, had quadruple by-pass surgery in late February. We feel his pain and wish him well. My special **Thanks** to the Show Committee Members who have pulled together to make sure the Show will go on.

Your "Fair" Manager / Show Chairperson - Billie Heffelbower

We will have our Saturday Evening Buffet for our Show Dealers as soon as we can clear the auditorium at the close of show on Saturday at 8:30 P.M. Club members please call Shirley or Bill Rockel at 464-3059 before March 21st to make your reservations so they will know how many dinners to order. The cost per dinner will be \$8.00 paid in advance. Fried Chicken and Salsbury Steak will be served with salad, vegetable, au gratin potatoes, rolls, coffee or tea with condiments, table service and napkins provided. We will have cake to end the feast.

**YOU Can Install A 'CARNER Water-Vapor Coolant System' (CWVCS)
For Your Diamond, Or Carborundum, Grinding Wheels**

Recently I was privileged to meet, and discourse on lapidary matters, with Mr. Richard (Dick) M. Carner of Woburn, MA. As I viewed his work, and work-shop laden with innovations, it became apparent that Dick is a lapidary/silver-smith extraordinaire and a skilled craftsman/technician of enormous stature --- but his extreme modesty shelters these precious attributes and proclivities.

One of his elegantly simple and pragmatic innovations, which I should like to dub the 'Carner Water-Vapor Coolant System', or 'CWVCS', seemed to rivet my attention --- even though he considered it to be so trite and obvious that any lapidary should concoct one without a 'second thought'. To me, an innovator of sorts, it wasn't obvious, and I felt that its uniqueness deserved being shared with others. So, with Dick's permission, I shall attempt to describe his grinding-wheel water lubricant/coolant scheme (which I built for my own use --- and it performs superbly!).

This interesting and educationally helpful article was submitted by President 'Wooley' with permission from Mr. Rondeau.

The Pick & Shovel Staff wish to Thank You for sharing this with us Mr. Rondeau.

NOTE: As you peruse the following 'CWVCS' description compare it to the typical tack of (a) applying water to a grinding wheel in 'drops' that leave part of the wheel dry, or (b) in a 'thin stream', much of which flies off before spreading across the wheel face, or (c) to 'wetting a wick' which wears and tears quickly thereby necessitating continuous replacement.

As a young man, Dick Carner worked for a supplier/dispenser of home heating oil, so, in later years when he became a lapidary and needed a water cooling means for his carborundum/diamond wheels he selected a domestic oil furnace nozzle; connected it to the cold-water line in his shop; positioned it about an inch, or so, from the face of his grinding wheel; opened the water line valve; and Presto!, a conical spray/vapor enveloped the entire grinding wheel surface --- and he conserved water since the flow rate was only a gallon, or so, an hour.

If you elect to emulate the Carner coolant scheme simply go to a heating-oil distributor and obtain a furnace nozzle (a used one from their scrap stock should suffice as a starter); connect it via a washing-machine water hose, or garden hose, or steel pipe, or copper tubing, to a valved outlet of a cold water line; and provide a means for holding the nozzle near the top of your grinding wheel. If you have several wheels you might like to rig-up a nozzle near each wheel.

Keep in mind that even though the nozzles are designed and sized to vaporize No.2 (home heating) fuel oil they will also vaporize water --- if the line pressure is about 60 psig. (pounds /in.² gage). If the pressure is less than about 30 psig. the water will only drip and not vaporize.

NOTE: Oil vaporizing nozzles are stamped with their flow-rate in gph. (gallons/hour) and spray/vapor cone angle in degrees; e.g., A 0.85/80° nozzle is one that will vaporize 100 psig., 60° F, No.2 fuel oil at a rate of 0.85 gph. and the spray-cone angle will be 80°. This same size nozzle will emit 60 psig. cold water vapor at a rate of about 0.7 gph.. There are available nozzles with various spray-cone characteristics. Some nozzle spray-cones are 'solid' wherein the spray is dispersed somewhat evenly throughout the cone volume. Others emit a 'hollow cone' wherein the vapor is largely allocated to the cone surface. There are also 'semi-solid' cone nozzles that combines the two aforementioned characteristics.

The process of nozzle selection is largely empirical in nature. Try a few nozzle sizes between about 0.5 and 3.0 gph.; about 60° to 85° spray-cone angle; and 'solid', 'semi-solid', and 'hollow' spray/vapor cones. My own nozzle preference for a 1" wide x 6" diameter grinding wheel is a 1.0 gph./60°/'solid' nozzle.

I am confident that if you construct your own 'CWVCS' the expended effort will be amply rewarded by its superb performance. Any accolades for this common-sense (which is NOT COMMON) coolant scheme should be directed to its conceiver - Mr. R. M. Carner, 24 Poplar St., Woburn, MA 01801.

PRESIDENT'S MESSAGE

Brrrr...rr, as I write this, January 22, we are enjoying a heat wave of +25°, instead of the -23° we had a couple days ago. I hope the coldest part of our winter is about over, so we can start thinking about getting into the field, and do a little rockhunting!

AGAIN, at this time, I feel it is appropriate to call everyone's attention to our spring meeting in Columbus, Ohio, April 9th. Please get your reports in to Jean Reynolds by March 10th.

Among the items on the agenda for the meeting will be:

1. At the Denver AFMS meeting last September, the American Federation accepted the proposed 25¢ increase in their dues, bringing them to 50¢. These to become effective January, 1995. At the American Federation meeting in Houston, this coming June, they are planning on asking for an additional 25¢. Your President and 1st Vice President will be attending that meeting. We need to know how you, the MWF, wants us to vote.
2. At the same meeting in Denver last September, a proposal was made by a delegation from California, that concerns location for the AFMS shows. A copy of that "Proposal" is in this newsletter. I personally doubt if this will go very far. Come prepared with your 'Pros' and 'Cons' to talk about this.
3. Another item will be "How to Get More Youth Involved" in the hobby. If anyone has any ideas, suggestions, or things you have tried that are viable, please present them at this meeting. I believe our youth are the future of the hobby, and we should certainly be spending our time encouraging them. I am working with a teacher right now providing her with 50 different 'rocks' for her 35 students. In return, I am getting a couple recipes..."Igneous Fudge", and "Peanut Butter Geology"...sound good?

ANNOUNCING...Two changes in the Executive Committee Chairman...

Neil Snapp, who has been our Show and Convention Chairman is now our Endowment Fund Chairman, and

Bill Crull, from the South Bend Club, is now our Show and Convention Chairman

Also, be sure and mark your calendar for September 2-3-4 for the Midwest Federation Show and Convention in South Bend, Indiana. It is not too early to prepare a display, and plan to participate in the show. This is "YOUR" show and convention, too, the Michiana Club is providing the place for it to be held. More later.

Happy St. Patrick's Day,



St. Patrick's
Day

1994 ELECTED OFFICERS

President:	Charles Wooldridge, 836 S. 31st St.	Lincoln NE 68510	475-9034
1st Vice President:	Pam Killion, 3425 'N' St.	Lincoln NE 68510	477-1780
2nd Vice President:	Jerry Moore, 2305 So.35th St.	Lincoln NE 68506	489-4184
Secretary:	Vera Lyman, 420 N. 56th St.	Lincoln NE 68504	464-6089
Treasurer:	Phyllis Parks, 2435 So. 19th St.	Lincoln NE 68502	476-6798
Board Member:	Ed Ridge, 2507 A St.	Lincoln NE 68502	477-8469
Board Member:	Kevin Schwartman, 5522 Shady Creek Ct,	Lincoln NE 68516	423-5523
Board Member:	Billie Heffelbower, 1819 Washington St,	Lincoln NE 68502	475-4713
Board Member:	Shirley Rockel, 1134 West Avon Lane,	Lincoln NE 68505	464-3059

Nominating Committee

3 Year:	Francis Belohlavy Ralph Ulrich
2 Year:	Jim Marburger Kathy Schwartman
1 Year:	Jim Parks Janet Wright
Chairman:	Immediate Past President

Long Range Planning & By-Laws Committee

3 Year:	David Heffelbower Jim Parks
2 Year:	Vera Lyman Roger Pabian
1 Year:	Kevin Schwartman, Chair Jim Marburger
Chairman:	Immediate Past President

Standing Committees

Membership:	Shirley Rockel	Programs:	Charles Wooldridge
Education:	Roger Pabian	MWF Liaison:	Vera Lyman
Field Trips:	Kevin Schwartman	Scholarship:	Dwight Miller
Historian:	John & Lillie Lewis	Christmas Party:	{ Billie Heffelbower Shirley Rockel
Hospitality:	Eddie "Lightning" Ridge	1994 Show:	Billie Heffelbower
Study Coordinator:	Ralph Ulrich/Kevin Schwartman	1995 Show:	John Harrison
Housing/Property:	Jim Parks	1994 Swap:	Kevin & Kathy Schwartman
Youth Activities:	Pam Killion	1995 Swap:	Dave Heffelbower
Librarian:	Jim Parks		
Auditing Committee:	Jerry Moore, Francis Belohlavy, Mike Jurgens		
Gem Palette Correspondent:	Pam Killion		
Geology Day Coordinator:	Jerry Moore		

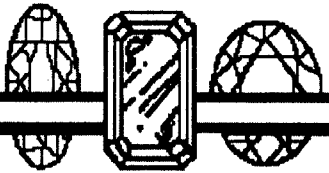
Your PICK & SHOVEL Staff

Publisher:	Lincoln Gem & Mineral Club, Inc., P.O. Box 5342, Lincoln, NE 68505-0342
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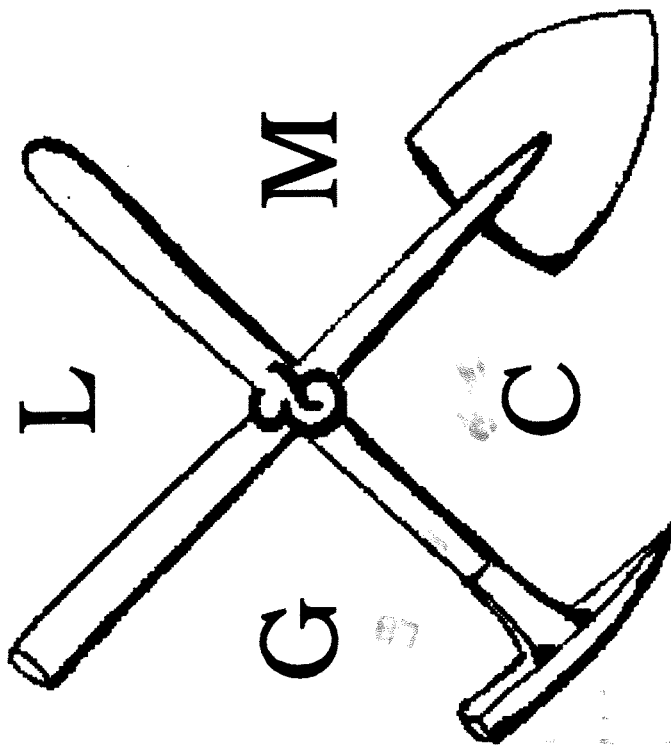
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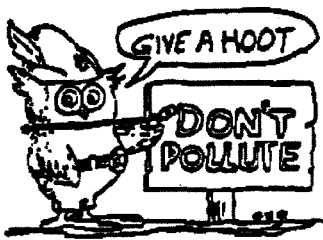
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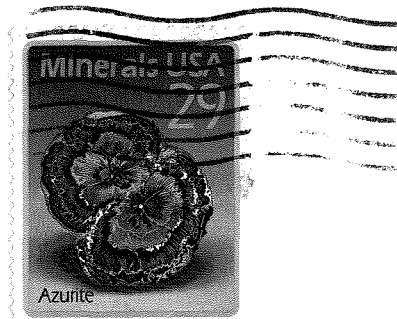


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