



PICK & SHOVEL

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

1992 ELECTED OFFICERS

President: C. David Heffelbower , 1819 Washington St., Lincoln, NE 68502	475-4713
1st Vice President: Charles Wooldridge , 836 S. 31st St., Lincoln, NE 68510	475-9034
2nd Vice President: Francis Belohlavy , 1919 "K" St., No. 4, Lincoln, NE 68510	477-4337
Secretary: Vera Lyman , 420 N. 56th St., Lincoln, NE 68504	464-6089
Treasurer: Phyllis Parks , 2435 So. 19th St., Lincoln, NE 68502	476-6798
Board Member: Pam Killion , 3425 "N" Street, Lincoln, NE 68510	477-1780
Board Member: Kevin Schwartzman , 1226 So. 24th, Apt. D, Lincoln, NE 68502	474-9441
Board Member: Craig Ten Hulzen , 167 Mormon Trail, Lincoln, NE 68521	435-6722
Board Member: Shirley Rockel , 1134 West Avon Lane, Lincoln, NE 68505	464-3059

NOMINATIONS COMMITTEE

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

LONG RANGE PLANNING AND BY-LAWS COMMITTEE

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

STANDING COMMITTEES

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

Programs: Charles Wooldridge
MWF Liaison: Vera Lyman

Scholarship: Dwight Miller
Christmas Party: Billie Heffelbower
1990 Rockhound/Year: Ewald Paul
1992 Show: Phyllis Parks
1993 Show: Francis Belohlavy
1992 Swap: Roger Pabian
1993 Swap: Roger Pabian

AUDITING COMMITTEE, 1991-1992

Charles Wooldridge
Francis Belohlavy
Shirley Rockel

YOUR PICK & SHOVEL STAFF

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

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

CALENDAR OF EVENTS

- NOVEMBER MEETING:** NOVEMBER 21, 1992, Nebraska Center for Continuing Education, 33rd & Holdrege Sts., 7:30 P.M. Important: Election of 1993 Officers to take place.
- PROGRAM:** Radio Talk Show on Agates, from the archives of the University of Nebraska State Museum. First aired in June, 1932. Narrated by Billie Heffelbower.
- JUNIOR MEETING:** To be announced.
- COMING EVENTS:** Mid-Winter Swap, Nebraska Center for Continuing Education, 33rd & Holdrege Sts., January 23, 1992. 1:00 P.M. - 6:00 P.M., followed by General Meeting at 7:30 P.M. Silent Auctions --- proceeds to Nebraska Geological Survey Centennial Fund
- SHOW March 19, 20, 21, Greater Kansas City Area Show, Trade Center
- SHOW March 27, 28, LG&MC annual show, Pershing Auditorium
- FUTURE MEETING DATES, PLACES:** CHRISTMAS PARTY, December 6, 1992, Antelope Park Shelter House, Pot Luck Supper. More to follow next issue.
- DISPLAY MATERIALS** Rough and Cut night. Bring along examples of cut stones along with corresponding rough material. Cases to be furnished.

REGIONAL SHOWS



ROCKY MT. FEDERATION /AFMS COMBINED

September 16-17-18-19, 1993

Location: Denver, Colorado
Denver Merchandise Mart

EASTERN FEDERATION

July 30-31 Aug 1, 1993

Location: Hampton, Virginia
Hampton Coliseum

SOUTH CENTRAL FEDERATION

June 17-18-19, 1993

Location: Arlington, Texas



MIDWEST FEDERATION

THERE WILL BE NO FEDERATION SHOW,
IN STEAD: August 8-15, 1993

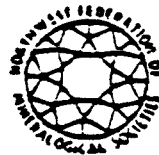
Location: Michigan Tech, Houghton,
Michigan Field Trip Convention



CALIFORNIA FEDERATION

June 25-26-27, 1993

Location: Ventura Fairgrounds,
Ventura, California



NORTHWEST FEDERATION

July 23-24-25, 1993

Location: Mt. Vernon, Washington
Skagit County Fairgrounds

PRESIDENTS MESSAGE

The holiday season is upon us once again and all the hurry and bustle that that entails. Whatever that means for us personally, it means a certain round of activities for the club. First of all we will conduct our elections during the November meeting. There will be a call for nominations from the floor for the slate in the Pick and Shovel as well as two new members of the nominating committee. Please give some thought to whomever you think would do us a good job in those positions. Please remember the the November meeting is a week earlier than normal because of Thanksgiving.

Next on the agenda is our Christmas Party to be held in the Antelope Park shelter house (same as last year) on Sunday, December 6th. We have an excellent program for you and we will have lots of fun same as last year. Also bring the kids (if you have any) because they will enjoy this as much as you do, and you won't have to hire a babysitter. See how thoughtful we are! At this time we will also install our new officers.

By the time you read this we will all (I hope) have survived another Halloween and be looking forward to Thanksgiving and Christmas. The round of swaps and shows of the Nebraska clubs is over and we are looking forward to the next year's schedule. This as you know begins with our our swap in January. It's not too soon to begin our personal preparations for this. The State show in Grand Island was a success with 10 of the 15 clubs represented. I wish to thank the members of our delegation for their participation in the meeting and the spirited discussion of the proposed Senate bill.

I regret to tell you that this will be our last issue with Roger Pabian as our editor. His duties at the University have increased to the point that he can no longer spare the time. I wish to thank him for the great job that he has done and the honors that he has brought the club. He has promised to continue to do what he can to contribute his knowledge and help to the club as time permits; and we wish him well. Needless to say we will be looking for someone to succeed him as editor, and I will be out there looking. If anyone has a desire to help out here please call me and volunteer. If you can't reach me, leave a message on my answering machine and I will get back to you.

Dave Heffelbower

LINCOLN GEM & MINERAL CLUB, INC. - GENERAL MEETING - Oct. 24, 1992
at Bethany Park Shelter House 7:30 P.M.

Minutes of the Sep Meeting approved with motion by Gerald M. 2nd by Bill Rockel. Carried.

Treasurers report approved with motion by Dwight Miller, 2nd by Gerald Moore. Carried.

Hospitality reported 34 members present, 4 Juniors with 1 visitor 7 adult visitors.

Selma Hammond & Thomas Winninger-guests of Ralph & Rosa Lee Ulrich
Mother and Dick & Ramona Rose- guests of Rockels
Daughter-in-law & Niece- guests of Tom Simmons

NOMINATING COMMITTEE REPORT: Presented by Gerald Moore

- President- Dave Heffelbower
- 1st Vice- Charles Wooldridge
- 2nd Vice-Francis Belohlavy
- Secretary-Vera Lyman
- Treasurer-Phyllis Parks
- Board of Directors-Pam Killian
 - Billie Heffelbower
 - Kevin Schwartman
 - Shirely Rockel

President called for further nominations from the floor. None presented. Motion made that nominations cease.

ANNOUNCEMENTS:

New Show Chairperson for 1994 - Billie Heffelbower
New members: Patricia Killian Powell, Jerry & Leah Powell
November Meeting on 3rd Saturday (Nov 21) at Ne Center
Christmas Party - Bill White will present a special program.

'93 SHOW BUDGET: Approved with motion by Dwight Miller, 2nd by Ralph Ulrich. Carried.

The following costumes appeared at the Halloween Meeting:

- | | | | | |
|-----------|-----------|---------------------|----------|--|
| Onyx | } Juniors | Gold | } Adults | |
| Emerald | | Pearl | | |
| Wolfanite | | Star Ruby | | |
| Obsidian | | Azurite-Malicite | | |
| | | Copper | | |
| | | "Old King Coal" | | |
| | | Spiderweb Turquoise | | |
| | | Rhinoseros | | |
| | | Jade | | |

Everyone enjoyed delicious hot cider, tea & coffee with many desserts while sifting through gravel for precious finds and "PLAYING THE SILENT AUCTION GAME"!

Respectfully submitted,

Vera Lyman
Vera Lyman, Secretary

LINCOLN GEM & MINERAL CLUB, INC. - BOARD OF DIRECTORS (Oct) 9-28-92
At Reunion 7:30 P.M.

President called the meeting to order. Minutes of the Sept Meeting and Treasurer's report were approved as written with motion by Shirley R. , 2nd by Francis B. Carried.

BILLS: Were approved with motion by Francis B. & 2nd by Shirley R. Carried.

OLD BUSINESS:

Motion by Francis B. to accept Fred Holbert's resignation from the nominating committee. 2nd by Phyllis P.
Motion by Charles W. to amend first motion to allow until Wed for current Chairman to conduct Nominating Committee Meeting; otherwise Board appointed chairman to proceed as directed. 2nd by Shirley R.
Motion as amended - carried w/ one abstention.

Motion by Phyllis P. to defer printing of Nominating Committee Report until announced at General Meeting in Oct. 2nd by Francis B. Carried.

NEW BUSINESS:

Lapidary Classes t Chet Ager - Adult & Junior.
Class sessions run for 10 weeks. Fee: \$ 18.00 for Juniors, \$ 35.00 for Adults. Will publish in Pick & Shovel.
Motion by Shirley R. to authorize Pam Killiam to provide funds for Junior members for Lapidary Class from Junior account. 2nd by Francis B. Motion carried.

Motion by Kevin S. to authorize payment of \$ 10. per adult toward registration fee (paid to Parks & Rec Dept.) who participate for the 10 weeks in the class. 2nd by Charles W. Carried.

There is an increase of \$ 5.00 for room rental at NCCE.

'93 SHOW BUDGET - Motion by Vera L. for approval of Show budget. 2nd by Phyllis P. Carried

Ballet for National Rockhound & Lapidary Hall of Fame has been received.
Nominations - Bill White - Lapidary
- C. Bertrand Schultz - Education

NEW MEMBERS: For approval: Patricia Killian Powell, Jerry & Leah Powell
Motion by Shirley R. 2nd by Phyllis P. Carried.

'94 SHOW CHAIRPERSON: Billie Heffelbower (3-26/27, 1994)
Motion for apporval by Francis B. 2nd by Phyllis P. Carried

President Dave Heffelbower to approach Pershing for extending new 3-yr contract.

Meeting adjourned.

Respectfully submitted,

Vera Lyman
Vera Lyman, Secretary

LGMC Treasurer's Report October 1992
NBC Checking 9-28-92 \$ 1447.89

Receipts -
New '93 Membership & Registration 30.00
Oct.Meeting Gem Dig/Lap.Class Aid 14.50
Oct.Silent Auction " " " 126.25
'93 Show Dealer Deposit 100.00 270.75

Payments -
Printing Sept.P & S 88.27
Astro's " " 4.79
Printing October P & S 58.64
Treas.Rct.Bk,copies 16.48
Stamps-Courtesy/Membership 5.80
Oct.Meeting Decor./Refresh. 22.18
Sept.Meeting rent 50.00
" " program equip. 25.00
1993 Show Dealer Exp.Advance 20.00 291.16

NBC Checking Account Balance 10-31-92 \$ 1427.48

NEW EDITOR NEEDED

Because of greatly increased commitments in other areas, I will no longer be able to continue as editor of Pick & Shovel. Many thanks to the readers and contributors over the past four years.

I will continue to submit articles to the bulletin and will assist the new editor in every way possible. Roger K. Pabian

THANK YOU

Thank you to the members who contributed such excellent material to the silent auction and to the many members who bid on these items and helped raise funds for Lincoln Park and Recreation Department lapidary classes.

NOMINATIONS FOR OFFICES, 1993

The following nominations have been forwarded for the club's board of directors for 1993:

President, David Heffelbower
1st Vice President, Charles Wooldridge
2nd Vice President, Francis Belohlavy
Secretary, Vera Lyman
Treasurer, Phyllis Parks
Board, Pam Killion, Kevin Schwartman, Billie Heffelbower, Shirley Rockel

Additional nominations may be made from the floor at the November general meeting.

HOLIDAY PARTY

Lincoln Gem and Mineral Club's annual Christmas Party will take place on Sunday, December 6, 1992, at the Antelope Park shelter house from 5:00 P.M. to 9:00 P.M. The club will furnish turkey and ham and members are to bring a covered dish, casserole, salad, dessert, etc. Beverages will be furnished.

Bill White will present a slide program on cutting and polishing fancy cabochons. Gift exchange will follow.

For further details, call Shirley Rockel, 464-3059. +++

Notes for November 1992 Pick & Shovel -

New Members - Patricia Killion-Powell and Jerry & Leah Powell
7720 Willard Avenue, 68507, Phone 467-5050

TIME FLIES!!!!!! Yes, it's that time of year again when we continue our involvement by paying our 1993 Dues to Lincoln Gem & Mineral Club, select our 1993 Board of Directors and volunteer to assist in the meetings and other activities for the coming year.

YES - DUES ARE DUE by January 1, 1993 and will become delinquent January 31. Dues structure is printed on the inside back cover of your Pick & Shovel each month. Be sure to make note of any change of address or phone number.

If you wish to receive the publication of the Nebraska Association of Earth Science Clubs "The Gem Palette" please add \$2.00 to your check and pay as early as possible so the listings may be sent to NAOESCI as soon as possible.

Make checks payable to LGMC and send to P. O. Box 5342, 68505 or give to your treasurer at the November or December meetings.

FINDING NEW COLLECTING AREAS Part 1 -- Introduction

By Edward P. Pedersen

The main purpose of this series of articles is to inform the members of the rockhound community about the various techniques that can be used, and the resources that are available for locating collecting areas which are unknown to them. The examples given are drawn from personal experiences and are written to illustrate the methods used to find new collecting areas, rather than as directions to specific localities. Because of the authors main area of interest, emphasis is placed on mineral and crystal collecting sites. However, the principles will also work for fossils, gems, and lapidary materials.

Finding new mineral (agate or fossil) localities is basically a problem involving geological research principles and field observation. A background in geology is not necessary to use the vast amount of available geological information in a manner similar to the use of historical data by treasure and relic hunters. Throughout the book it will be assumed that the reader has basic knowledge about the minerals (fossils or lapidary material) he or she wishes to find.

Collectors often plan vacations or weekend trips with the hope of personally acquiring material from a specific area. Frequently the collector makes the trip then is unable to find the locality or to find the desired material while at the locality. The collector has expended time, money, and perhaps physical exertion with little or no reward. At this point the collector should step back and examine the preparation that was made for the trip. Questions should be asked. Was the trip planned from detailed descriptions of the locality or just knowing that the general area has produced the desired material? Was the collector equipped with detailed maps of the area? How familiar was the collector with the material, especially its rough, uncut, or uncleaned appearance? Did the collector know the geological occurrence of the material and its association with the various rock types in the area? What was known about the property ownership and the availability of access? Was the condition and accessibility of roads in the area known before hand? Were there alternate collecting sites in the general region. If the answer to most or all of these questions is negative, then the collector did not make use of the available resources. "Finding" new collecting localities does not necessarily mean being the first to discover the area, outcrop, or deposit. Just having directions to an area known to produce specimens can be very rewarding. The rockhound on vacation, where time is at a premium, cannot afford to randomly search out and work entirely new locations. Established areas, especially the commercial collecting areas may be of more interest. The time and work for "prospecting" (research and field trips) should be directed toward localities near home, or in search of other minerals that may be less available.

There are a number of commercial collecting sites available which allow collecting for a fee. For example the rockhound desiring to collect Arkansas quartz crystals would waste both time and effort trying to find a new collecting area. At commercial mines the areas that produce specimens are generally well marked

and on display examples of the available materials are available. In many commercial areas, the overburden is removed by heavy equipment, saving hours of backbreaking digging and greatly improving the chances for finding good specimens. The operators of these areas want collectors to find material because it improves their business. Many of these areas charge a flat fee for any amount of material collected, while others charge per pound (usually over a minimum weight). Commercial areas are worth visiting both for the novice as well as the advanced collector. The writer has seen diamonds, sapphires, a near-perfect ruby crystal, emeralds, beryl, kyanite, quartz, fluorite, agate, opal, and numerous rare minerals that have been collected for a fee and the work involved in the digging. It is difficult to find new localities for some of the gemstones, and the commercial areas may be the best source of these.

If every rockhound lived within a 30-minute drive of a productive collecting locality there would still be a desire to collect new things and visit new areas. As it is, mineral collectors living in the upper Texas Gulf Coast, where petrified palm wood is abundant, feel frustrated. Meanwhile lapidary hobbyists in the Arizona mineral-producing districts may also be frustrated. Each of these collectors may be dreaming of collecting in the area where the other lives.

Collecting areas can often be located by watching for specimens from the geographic areas in which the collector lives and travels. Some labels may only give the state, however, they must give the county, district, or the name of a nearby town. Once such a specimen is seen, the collector should start asking questions! Talking to dealers in the area, other collectors, or anyone that may know of the material can often provide the answers. Writing to Gem and Mineral clubs in the area will sometimes result in leads to the desired materials. It often helps to keep a notebook with a written description of everything known about the material and the locality. This information often will not lead directly to the minerals. Information gained in this manner may be used to direct library research using the methods given in the other articles of this series. However, the effort is worthwhile if even once the collector is directed to a locality producing good material.

Trips to museums, collections, and Rock Shows can also provide the inspiration for locating mineral producing localities. It may help add short descriptions of interesting specimens or specimens that come from an area of interest to the notebook. There is often a need to find locality information for unlabeled or poorly labeled specimens. This is particularly true of material from foreign countries. Museum or display labels may give the mine or district, when the label accompanying a specimen offered for sale may only give the country or state.

It takes little to provide projects for further research. It is this research that provides the best opportunities for discovering collecting localities that are unknown to collectors. The next article will give information on using libraries to find new collecting sites.

Guest Editorial:

The Case for Amateur Fossil Collecting Restrictions Would Be Counterproductive

By Cecilia Duluk
Paleontology Chairperson, MMLSD

As a teacher and amateur fossil collector of 30 years' standing who has helped a number of professional paleontologists obtain fossil specimens for their research and publications, I am deeply disturbed by the "panic" of a few apparently self-serving persons who wish to stop all amateur collection of fossil specimens.

To begin with, they are ignoring the three-year study and 1987 published findings of the National Academy of Sciences, which states that "the science of paleontology is best served by unimpeded access to fossils and fossil-bearing rocks in the field."

Secondly, they are ignoring the obvious - that much fossil material, especially that on public lands such as stream banks, unpaved roadsides, gulleys, etc., would be destroyed by natural forces such as erosion and rain, since fossils are found in easily destroyed sedimentary rock. Amateur collectors do not destroy fossils - they preserve them, and are almost always willing to donate them to professionals who will study and publish on them. Even commercial collectors frequently sell specimens to accredited institutions for little more than the cost of excavation and preservation.

State geological surveys and a large majority of universities and museums have neither the time nor the personnel to investigate and preserve even a fraction of the fossil material that would shortly be lost through natural causes. It would certainly be logical to require permits for excavation of important *vertebrate* sites of possibly large specimens, but again, there have been a number of amateur finds which accredited institutions either did not consider important or did not have the personnel to develop - some of these are now upset "after the fact" when the site or specimen has been deemed important.

It is a shame that some of the dedicated professionals of the recent past, such as Eugene S. Richardson of the Chicago Field Museum and Harrell Strimple of the University of Iowa are no longer with us to testify to the important paleo information which would have been lost if amateur collectors had not rescued such material. The history of the last 80 years of scientific

publications in the field attests to the contributions of amateur collectors - just read the acknowledgments in hundreds of papers from the Journal of Paleontology, the Chicago Academy of Sciences, the Paleontological Research Institution, etc.

A number of amateur societies have also rescued important specimens and sites through their dedication. An example is the fine plesiosaur skeleton now gracing the University of Nebraska's Morrill Hall - saved by the Lincoln Gem & Mineral Club members from the banks of a running stream *during the winter*. Another example - the rare fauna of the Illinois Pennsylvanian concretions would still be fragmentary if not for both the people and monetary resources of the Earth Science Club of Illinois. Furthermore, think about the fact that amateurs made some of the first important finds of the Green River fish fossils, the John Day Formation plants, the Calvert Cliffs fauna, etc.

Is there any good to be gained from future finds languishing in "governmentally approved" basements, or being lost to erosion, etc., because the amateur is forbidden to pick up and preserve what those *accredited institutions* dismiss or ignore or have not the time to work? Amateur fossil collecting should not be restricted.

o

(ED. NOTE: Mrs. Duluk's timely, excellent editorial was prompted by a bill recently introduced in the United States Senate (S-3107) by Senator Max Baucus (Montana) to regulate vertebrate fossil collecting along the lines of the Archaeological Resources Protection Act of 1979. If enacted, this legislation would predictively eliminate amateur collecting of vertebrate fossil materials.

In a parallel development, a "Northern States Governors' Conference" of seven governors (Colorado, Kansas, Montana, Nebraska, North Dakota, South Dakota and Wyoming) on fossil collecting, held in late August, was being characterized by amateur paleo groups as a "stacked" conference that would generate views clearly unfavorable to the amateur collector. Reports about the conference's conclusions were not yet available.)



MIDWEST FEDERATION OF MINERALOGICAL AND GEOLOGICAL SOCIETIES

Member of The American Federation of Mineralogical Societies

NEWSLETTER



Published monthly
except
June, July, August

NOVEMBER, 1992 - Issue No. 316

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



PRESIDENT'S MESSAGE.



There have been many worthy themes chosen by past presidents in recent years such as "Enthusiasm", "Harmony", "Communicate", "Share", "Recruit", and "Participate".

These are all great themes, and they all mean INVOLVEMENT. To enjoy our hobby you should be doing all of the above, become involved. Webster defines it, (Involved) #2 implicated, affected, or committed.

Preparations for the 1993 MWF Field Trip Convention are progressing nicely and I would like to challenge all MWF members to become involved in the activities of this great event. It has been many years since the MWF has hosted a show without the assistance of a club.

There are approximately 197 Societies in the Midwest Federation and yet THERE HAVE BEEN NO BIDS TO HOST A FEDERATION SHOW AFTER 1993! If the Midwest Federation of Mineralogical and Geological Societies is to continue as a viable, growing organization, we must have involvement from our members.

When you become involved in any action, you merge with others of similar interests and enjoy the camaraderie of new friends as you work together. Working together for a common goal is a satisfying and pleasurable experience. Once you have tried it, you will find it becomes easier and easier to become involved. Talk to members in your club, THE FEDERATION NEEDS YOU AND YOU CAN MAKE A DIFFERENCE IN THE FUTURE OF OUR HOBBY.



Kathy



PRESIDENT
Mr. Glen R. Manning
Route 1
Huntsville, IL 62744
217-667-2285

FIRST VICE PRESIDENT
Mrs. Kathy Miller
1106 Clayton Drive
South Bend, IN 46614
219-291-0322

SECOND VICE-PRESIDENT
Mr. Marvin Starbuck
7636 V Avenue East
Vicksburg, MI 49097
516-649-1991

SECRETARY
Miss Jean Reynolds
107 Nettle Avenue
Clarendon Hills, IL 60514
708-323-1682

TREASURER
Ms. Norma Manochu
6607 Starbridge Lane
Canton, MI 48107
313-455-4906

1993 MWF FIELD TRIP CONVENTION

AUGUST 8-15, 1993 HOUGHTON, MICHIGAN

THE WORD IS OUT

CURRENT LEGISLATIVE ISSUES
by John Boland, Legislation Chair

LEGISLATION AND PALEONTOLOGY

SENATOR BAUCUS' BILL S-3107 is in committee and may be released in October. This bill controls collecting of vertebrate fossils by amateurs; it requires association with an educational institution, a permit, verification by an approved paleontologist, and fossils not of scientific value, can be retained, but as property of the government. Most amateurs agree that not-for-sale fossils should be collectable on the surface of federal lands except national parks. Your opinions should be voiced to "Senator Baucus and your Senators" (202) 224-3121.

ALERT' The U.S. Forest Service is about to change policy unless they get a strong "NO" from the user public. Their current policy of "Open roads unless posted Closed" to vehicle travel would change to "Closed unless posted Open". In many western areas, this would close most roads because there are limited funds and personnel to post all currently open roads. Some preservationists groups have already stated that it is their intent to tear down any "Open" signs. You can write to Mr. Dale Robertson, Chief USDA Forest Service, P.O. Box 96090, Washington DC 20090-6090.

A MEMORANDUM OF UNDERSTANDING (MOU) was signed between four government agencies (BLM, Forest Service, Park Service, USGS) on May 4, 1992. The purpose of MOU is to provide procedures and guidance for communication, cooperation, and research about issues of common concern in the management of paleontological resources, which are known as fossils. It shall also serve as a means of increasing inter-agency cooperation in public education, interpretation, and outreach programs aimed at the dissemination of information to the general public, and relevant scientific and avocational interests. The U.S. Geological Survey will increase and improve the National Paleontological Data Base that is maintained by the USGS.

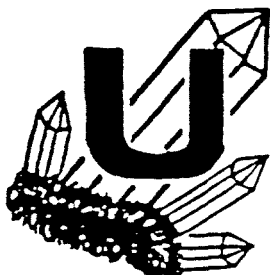
The seven state NORTHERN PLAINS GOVERNORS CONFERENCE: Fossils for the future took place in Rapid City in August, but was cut short after one day due to a gunman/hostage situation at the Holiday Inn site. Although many speakers emphasized the need for only paleontologists to collect vertebrate fossils, John Pogeta, USGA Chief, Branch of Paleontology and Stratigraphy spoke on the need to allow the ten recommendations by the National Academy of Science in Paleontological Collecting (1987). (Editors note: See article elsewhere in this issue of this meeting of the seven governors!)

PALEONTOLOGICAL SOCIETY OFFERS DISTINGUISHED SPEAKERS...

The Paleontological Society has instituted a Distinguished Lecturer Program to identify outstanding speakers on the subject of paleontology, and to make them available to departments of geology and more general audiences interested in the subject. Popular magazines and the press have written about the rate and timing of extinction of life forms, including dinosaurs.

A list of ten speakers who will participate during the 1992-1993 academic year are given below. They should be contacted directly. Financial arrangements should be made with the speakers. Each has agreed to be available on an expense-only basis, and no honorarium is required. This is an opportunity to improve the amateur/professional association.

BACK page please for speakers...



UTAH FEDERATION OF GEM AND MINERALOGICAL SOCIETIES

1223 North 1500 West
Salt Lake City, UT 84116
September 10, 1992

To All Utah Federation Members,

The Northern Plains Governor's Conference, August 24-26, 1992 in Rapid City, South Dakota was heralded as an open forum discussion on the future of paleontological collecting in the northern plains area of the United States. It was hosted by the Forest Service, the National Park Service, South Dakota State Historical Society and the University of Nebraska-Lincoln. Supporting institutions were Badlands Natural History Association, Denver Museum of Natural History, Chadron State College, Dinamation International Society, Earthwatch Expeditions, Inc., Oglala Sioux Parks and Recreation Authority and the Society of Vertebrate Paleontology.

From the very beginning the conference was a total farce. The cost of attending was between \$50.00 and \$85.00 per person. Compliance with this fee was ensured by security at the door. As you know, there is no charge to attend open public meetings. Expenses for most participants were paid for by tax dollars. There was one private institution represented. The only governor to attend, although six were invited, was the governor of South Dakota, who welcomed everyone and then left. When I asked who the governor's representatives were I was referred to a list of names in the program packet. Phone calls were made to various governors for confirmation. The representatives could not be or were not confirmed. At this point I asked for an introduction to these people which was not forthcoming. Do you smell a snake in the rock pile?

The first speaker was a gentleman from the Forest Service who gave a comprehensive talk on the use of resources on federal lands stressing multiple use as required by law. Another government official followed with a speech much like the first. However, it was down hill from then on. Every other speaker mentioned the concern professional paleontologists have about the "rape and pillage" of federal lands by professional, commercial and amateur collectors. Amateur paleontologists are somehow supposed to do the locating and labor of recovery and collecting of vertebrate fossils in the future. A loose definition of amateur paleontologist is one who is schooled under the tutelage of a professional paleoscientist to learn the skills needed to preserve the fossil resource. One amateur paleontologist claiming to represent all amateur collectors could not say a good word about any amateur.

During the eight hours of speeches and political rhetoric about the Baucus Senate Bill 3107 not one mention was made about rockhounding or rockhounds as a group. In all the speeches the value of education about vertebrate fossils was stressed. The opinion was that only the paleontologist could educate children. I commented about the Federation's Education Through Sharing program with its exposure to students, but it was like water off a duck's back.

It was strange listening to these speaker's half truths and innuendos which were, for the most part, all they had to say. These groups are playing hard ball and we are going to have to do the same if we are going to survive. The way the bill is written if a rockhound picks up a piece of dinosaur bone in the field he may be fined up to \$10,000 and/or be imprisoned for a year, and any vehicle or equipment used to obtain the bone will be forfeited.

We will discuss the bill at the Utah Federation meeting, September 20, at 1:00 P.M., at the Murray Armory during the Wasatch Gem Society show.

Your Pres,

Dean Richardson

P.S. It would take a couple of days to discuss all of the material from the conference. I should be receiving copies of the speeches which were to be sent to all of the people who paid to attend. If you would like copies, give me a call and I will send them to you.

SPEAKERS:

Dr. Richard Alexander, Department of Geological and Marine Science, Rider College, 2083 Lawrenceville Road, Lawrenceville, NJ 08648

Dr. William Ausich, Department of Ge-ological Sciences, 155 South Oval Mall, Ohio State University, Columbus, OH 43210

Dr. David Bottjer, Department of Geological Sciences, University of Southern California, Los Angeles, CA 90089-0740

Dr. Desmond Collins, Department of Invertebrate Paleontology, Royal Ontario Museum, 100 Queens Park, Toronto, Ontario M5S 2C6

Dr. Mary Droser, Department of Earth Sciences, University of California, Riverside, CA 92521

Dr. Robert Elias, Department of Geological Sciences, University of Manitoba, Winnipeg, Manitoba R3T 2N2

Dr. Philip Gingerich, Museum of Paleontology, The University of Michigan, Ann Arbor, MI 48109-1079

Dr. Ronald Parsley, Department of Geology, Tulane University, New Orleans, LA 70018

Dr. Roger D. K. Thomas, Department of Geosciences, Franklin and Marshall College, P.O. Box 3003, Lancaster, PA 17604-3003

Dr. William Zinsmeister, Department of Earth and Atmospheric Sciences, Purdue University, West Lafayette, IN 47907

Via PRISCUM (9/92)

Lincoln Gem and Mineral Club, Inc.

P. O. Box 5342

Lincoln, Nebraska 68505



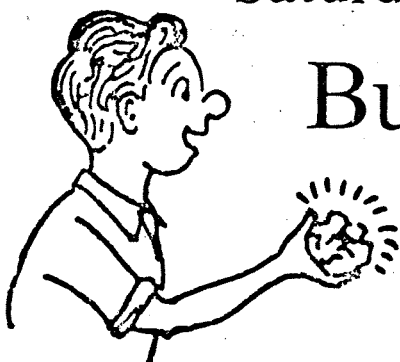
Invites you to attend its
Big 15th Annual
MIDWINTER

SWAP

Saturday, January 23, 1993, 1:00 - 6:00 P.M.

Buying, Selling, Trading

Equipment - Jewelry



Rough - Finished Stones - Minerals - Fossils

Nebraska Center for Continuing Education

33rd & Holdrege Streets, Lincoln, NE

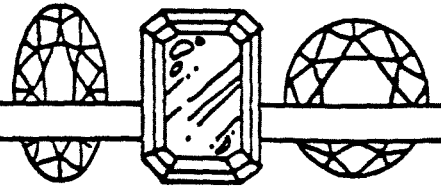
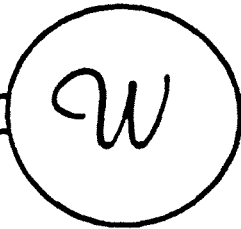
Tables, chairs, coffee furnished

Swapper Bucks (10% Surcharge)

Silent Auctions---

---Youth Activities

Everyone Welcome



Wooly's Custom Lapidary

Precious/Semi-Precious Gems

Rough Material

Jewelry and Supplies

836 S. 31 St.

Lincoln, NE 68510

402-475-9034

By Appointment Only

J J & L Rocks & Minerals

P.O. Box 68

330 Locust

Hickman, Nebraska 68372

open by appointment

Read your bulletin to spot new materials or specials of the above advertisers.

Advertising by a rock-bobby business or interest is permitted with the 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 \$10.00 per year mailed.

Dues to LINCOLN GEM & MINERAL CLUB are as follows:

Adult membership fee \$10.00 (age 18 and over)

Junior membership fee \$2.00 (age 12-18)

Family membership fee \$22.00 (husband, wife, and all children under 18---permanent residents of household).

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



H.E.L.P.

HELP ELIMINATE LITTER PLEASE!

MAIL ALL EXCHANGE BULLETINS TO:

**Lincoln Gem & Mineral Club
BOX 5342
Lincoln, Nebraska 68505-0342**



Bulk Rate

Edward Ridge
2507 A St.
Lincoln, NE 68502