

THE PICK & SHOVEL

Volume 49 Issue 4 December 2006

Lincoln Gem & Mineral Club - Lincoln Nebraska

General Meetings & Board Meetings

Board Meetings

Gere Library - 7 PM room 1
January 3 and 31, 2007
February 28, 2007
April 4, 2007
May 2, 2007
September 5, 2007
October 3, 2007
November 7, 2007
December 5, 2007
(Proposed Dates)

General Meetings

All general meetings will be held at the Antelope Park Shelter at 7:00 PM on the third Thursday of the month. December and January are the only exceptions.

January 18, 2007
February 15, 2007
March 22, 2007
Annual Show March 24-25, 2007
April 19, 2007
May 17, 2007
June, July August 2007 - No Meetings
September 20, 2007
October 18, 2007
November 15, 2007
December 2007

New Officers

2007 Officers & Board Members

Officers

President - Pat Akins Jr.
1st Vice President - Terry Anderson
2nd Vice President - Roger Pittard
Secretary - Sharon Marburger
Treasurer - Vera Lyman

Board Members:

Jim Atkins
John Harrison
Charles Wooldridge
James Marburger

Christmas Party

The Christmas Party was on Sunday, December 10, 2006 at the Antelope Park Shelter. The time was from 5 PM to 9 PM with supper at 6 PM. It was a pot luck supper. Ham, Fried Chicken, Salads, coffee, Iced tea, and a variety of desserts were on the menu.

A lively game of "Rock bingo" was played with many winners and some great prizes. Great conversations were being carried on all over the room as everyone was having a great time.



Dues are Due!

President's Message



Jim Marburger

The time has come for me to write my last President's message. It has been an honor and a privilege to have served as the Lincoln Gem and Mineral Club's leader these past three years. As I hand the duty over to Pat Akins, I wish him well. Please join me in supporting Pat and club by our continued participation.

The January Swap will be here before we know it. Please contact Swap chairman, Roger Pabian, to find out what you can do to help put together a great swap. I remind you that the Swap will be held at BETHANY PARK and not at the Antelope Park Shelter. Bethany Park Shelter is much larger and will accommodate a larger crowd. The date of the swap is January 27, 2007. See Roger for flyers. We need to spread the word, especially since the location has changed.

Don't forget our Show on March 24-25, 2007. I await your ideas to make this show better than any in the past, and your offers to help. It is never too early to start planning! I hope each of you has determined what your displays will be. I'm looking forward to everyone having at least one case. No fears, though. If you need more than one case, we will be able to accommodate your needs. No matter what you love in the hobby, you have something to display. Participation is the key, so lets participate!! WE will make the show a success.



Aulden Stewart Astronaut

On Saturday, September 9th, when the space shuttle STS115 "Atlantis" launched, one of Lincoln Gem & Mineral Clubs own was "on board". Astronaut Heidemarie M. Stefanyshyn-Piper (Stefanyshyn rhymes with definition) carried a picture of Machine Gun Platoon, Weapons Company, 3rd Battalion, 9th Regiment, 3rd Marine Division, taken on Iwo Jima in 1956. Among those in the picture is Aulden L. Stewart.

On July 25th, 2006, Al Stewart was notified by Paul Stewart, also one of the Marines in the picture, that his son David, who is an engineer at the Johnson Space Center and trains the astronauts to fly the space shuttle, contacted his father and asked for something small for Heidi to carry with her on the flight. Several items were presented to Heidi and she chose the picture of the Marines who had landed on Iwo Jima to commemorate the taking of Iwo Jima in 1945.

Members of the flight crew are: Commander, Brent W. Jett, Jr, pilot Christopher J. Ferguson, mission specialists Heidemarie M. Stefanyshyn-Piper, Joseph R. (Joe) Tanner, Daniel C. Burbank and Steven G. MacLean, who represents the Canadian Space Agency.

Sgt. Stewart served in the Marines from March, 1953 through March, 1957. He then joined the Air Force in July, 1957 and retired from Langley AFB in August, 1973. He is extremely proud to be one of the Marines traveling on the space shuttle, if only in a picture. His comment, when told of the flight, "I just wish I could be going in person."



Roger Pabian's Book Signing

On Saturday, November 4, I had the opportunity to have a book signing for the new agate publication at Lee's Booksellers in Edgewood Plaza at 56th and Highway 2.

The event was attended by about 40 people, and the signing began by giving a short presentation on how I became interested in agate.

It all started in 1959 while I was visiting former club president, Dick Hedges. He had some polished agates on display in his house and I asked how they were polished. Dick invited me to try my luck and let me choose a stone from a big gunny sack with a couple of hundred pounds of Mexican agates in it. The specimen I chose turned out to be a very beautiful red agate with a 1/8 inch wide band of iris. This led to changing my major to geology, countless field trips with some of my school friends, especially John Boellstorff, who let me know about Lake Superior agates in southeastern Nebraska. The southeast Nebraska trips were followed by trips to the Chadron-Crawford area where Fairburn agates and Nebraska Blue agate could be found, and to trips into Wyoming for other banded agates, Sweetwater Agates, and later trips to the Pacific Northwest for thunder eggs and many of the varieties of agates to be found there.

Over the 40 or so years of field tripping, I collected a lot of data that eventually led to the publication of "Banded Agates, Origins and Inclusions" with Andy Zarins in 1953. That marked a plateau in understanding agates and their origins.

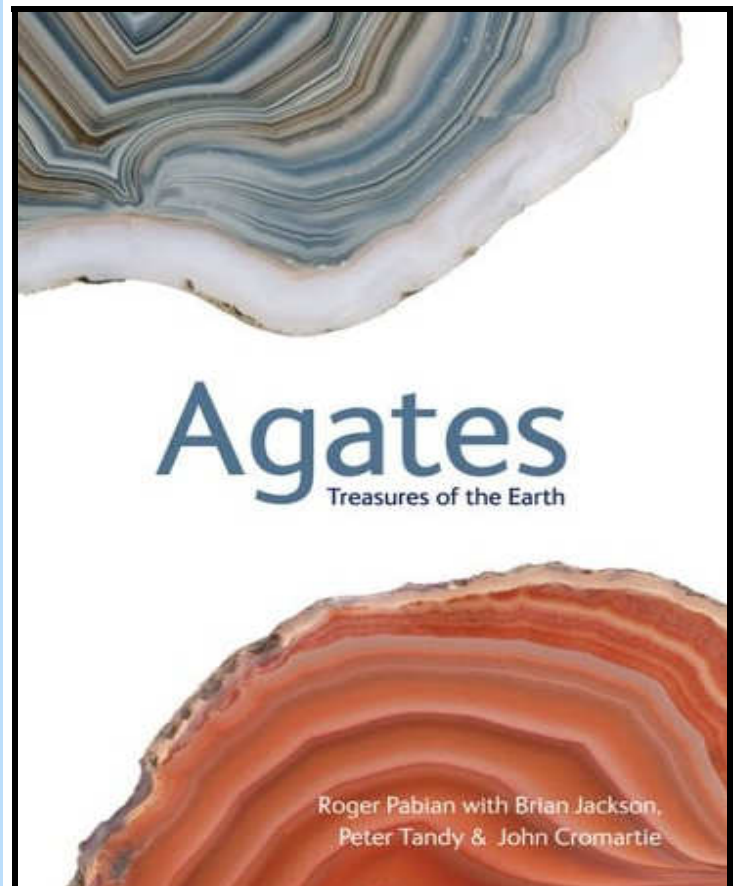
Data collecting and analysis still continued. Shortly after retiring from the University of Nebraska, the Natural History Museum in London invited me to prepare a manuscript on agates, and this took a bit over two years. Brian Jackson, Peter Tandy, and John Cromartie also worked on this endeavor, and "Agates, Treasures of the Earth" was the final product. There are many new

ideas in the latter volume as well as a survey of agate occurrences around the world.

About a month before the signing, I placed a display of agates that were illustrated in the publication in Lee's Booksellers. The display proved to be quite popular with Lee's Customers, and many of the people attending the signing were not affiliated with the club. They were invited to future meetings.

Thanks to all who supported this publication by attending the signing or obtaining their own copies of the book through various clubs' meetings.

Roger K. Pabian



GENERAL MEETING

November 16, 2006, Antelope Park Shelter

The meeting was called to order by President Jim Marburger at 7:30 p.m. Twenty-two adults and one youth members were present. One guest (and future member!) Kagi Gifford-Ferguson was present.

OLD BUSINESS - The minutes of the October meeting were published in the Pick & Shovel. Charles Wooldridge moved to accept the minutes as printed, second by John Harrison. Motion carried. The Treasurer's Report was also published in the Pick & Shovel. Phyllis Parks moved to accept the report as printed, second by Marilyn Stewart. Motion carried.

Election of officers was the next business at hand. Ballots were distributed and nominations taken from the floor.

1) No additional nominations for President were received from the floor; Phyllis Parks moved to close the nominations, with a second by Sharon Marburger. Motion carried.

2) No additional nominations for First Vice-President were received from the floor; Charles Wooldridge moved to close the nominations, with a second by John Harrison. Motion carried.

3) No additional nominations for Second Vice-President were received from the floor; Shirley Rockel moved to close the nominations, with a second by Vera Lyman. Motion carried.

4) Phyllis Parks declined the nomination from the Nominating Committee and requested Sharon Marburger retain the position of Secretary. Sharon accepted the nomination to which John Harrison then moved to close the nominations, with a second by Marilyn Stewart. Motion carried.

5) No additional nominations for Treasurer were received from the floor; Roger Pittard moved to close the nominations, with a second by Jim Atkins. Motion carried.

6) Three nominations were received from the floor for two Board of Directors positions - Ed Ridge, Aulden Stewart, and James Marburger accepted the nominations. Sharon Marburger moved to close the nominations, second by Marilyn Stewart. Motion carried.

7) Ed Dvorak and Charles Wooldridge were asked to serve on the next Nominating Committee. They agreed, and Sharon Marburger moved to close the nominations, second by Marilyn Stewart. Motion carried.

Voting took place at this time and the ballots counted by the Ballot Committee. Results are found at the end of these minutes.

Adeline Nolde was in the hospital, but she is better now. Roger Pabian has been ill. Jayne France, one of the dealers at past shows, fell and broke her arm, pulling muscles in the fall.

Jim Atkins reminds us that he needs articles for the Pick & Shovel. Anything from one paragraph to one page would be welcomed.

The Christmas Party will be held December 10, 5:00 p.m. to 9:00 p.m. with supper at 6:00. Marilyn Stewart moved for a hobby oriented gift exchange, \$5.00 maximum, Shirley Rockel seconded the motion which carried. There will be a silent auction and Rock Bingo.

John Harrison asked for additional funds to purchase a second handheld fluorescent light and for shipping costs on old lights which were sent in for an estimate and/or possible upgrade. Charles Wooldridge moved to increase funds to not exceed \$600, Phyllis Parks seconded. Motion carried. An estimate on upgrading the old lights should be available by the Christmas party.

Show Chairman Jim Marburger offered a brief show report. Advertising should be published in the Lapidary Journal, Rock & Gem, and the Nebraska Tourism guide. He has spoken with Mr. Bones about returning this year.

NEW BUSINESS: Vera Lyman moved to start meetings at 7:00 p.m. since most people are at the meeting location by that time, Marilyn Stewart seconded the motion which carried. Meetings will now begin at 7:00 p.m.

It is DUES time again! \$10 individual, \$20 for family.

Elections results are as follow:

President	Pat Akins
1st Vice	Terry Anderson
2nd Vice	Roger Pittard
Secretary	Sharon Marburger
Treasurer	Vera Lyman

Board Members Jim Atkins, John Harrison, Charles Wooldridge, Jim Marburger

Nominating Committee New Additions: Ed Dvorak and Charles Wooldridge

Following the ballot count, Vera Lyman moved the ballots be destroyed, second by Charles Wooldridge. Motion carried.

The meeting adjourned on a motion by Charles Wooldridge and second by Marilyn Stewart. Motion carried. The program provided by President Marburger was an educational video for juniors entitled "Common Ground".

Respectfully submitted,

Sharon Marburger

LGMC Treasurer's Report November 2006

Pinnacle Checking Balance October 31, 2006 - \$4706.53

Receipts:

Eagle Lapidary—2007 Show Dealer	450.00	
2007 Membership Dues—(13)	<u>130.00</u>	580.00

Payments:

Memorial—David Heffelbower (10-19-06)	50.00	
Vera Lyman (Kinko's) Nov P&S insert	11.99	
Rixstine's-President Plaque	74.85	
City Parks & Rec-Rent 2007 Swap/Mtg	180.00	
Marilyn Stewart-Name tag refills '07 Show	32.47	
Schwarz Printing Co.—Nov P&S Print	<u>90.95</u>	440.26

Pinnacle Checking Balance November 30, 2006-\$4846.27

Editor's Note

Remember this is **YOUR** newsletter. It's like everything else, you get out of it what you put into it.

If you have trips you are going to go on or have been on and want to share let me know and we can easily put your story into the newsletter to share with the other members.

If you have materials or equipment to sell or share let me know so we can put the items in to let the other members know.

If you know of events that are coming up that would be of interest to everyone, let me know.

I do other newsletters besides this one. If you are interested in seeing one go to:

www.lincolncameraclub.org

then go to LCC BULLETIN and you will find all the newsletters in a pdf format and in color for the last year. We can have a newsletter like that one as well, it just takes some input by interested club members.

Thank you,
Jim Atkins - Editor

LINCOLN GEM & MINERAL CLUB, INC. BOARD OF DIRECTORS November 1, 2006, Gere Library

The meeting was called to order at 7:01 p.m. by President Marburger. Members present were James Marburger, Roger Pittard, Vera Lyman, Sharon Marburger, John Harrison, and Jim Atkins.

The minutes of the October Board meeting were distributed. Roger Pittard moved to accept the minutes as printed, second by Jim Atkins. Motion carried. The Treasurer's report for October was distributed. John Harrison moved to accept the report as printed, second by Roger Pittard. Motion carried.

OLD BUSINESS: Jim Marburger obtained information on upgrading the fluorescent lights. He will ship the lights to the manufacturer, in order to get a price quote. Depending on cost and feasibility, the lights will be possibly upgraded to 240 watts per lamp.

Vera Lyman contacted Pershing regarding future show date reservations. She is waiting for a response.

NEW BUSINESS: The death of David Heffelbower left an open Board position. John Harrison moved to not fill the vacated position at this time, and to wait until the new Board takes over in January. Sharon Marburger seconded the motion, which carried.

Traveling displays need updating to current geologic thinking and specimen names since they are 40 years out of date. Roger Pabian wants to make this a club project.

Roger Pabian recommended that Bob Diffendahl present a program at the show.

Jim Marburger told of a communication received from Marla Smith of "Science Camps Offer Rewarding Experiences" (SCORE) in Imperial, Nebraska. SCORE would like to borrow the club's traveling display for the summer camp. No decision was made.

John Harrison shared a flier from Diamond Dan out of New York. Of particular interest was geologic color books, note cards, stickers, etc. Discussed the possibility of purchasing a small quantity for youth activities.

Vera Lyman submitted requested reservation dates for library meeting rooms for 2007. She will provide dates once the library confirms.

The Christmas Party will be held December 10 at the Antelope Park Shelter. The club will furnish meats, and members will provide a potluck hot and cold dish. Rock bingo will be one of the entertainments.

At 7:40 p.m., Jim Atkins moved to close the meeting, second by John Harrison. Carried.

Respectfully submitted,

Sharon Marburger

Geologists Finding a Different Mars Underneath

Mars is showing scientists its older, craggier face buried beneath the surface, thanks to a pioneering sounding radar co-sponsored by NASA aboard the European Space Agency's Mars Express orbiter.

Observations by the first project to explore a planet by sounding radar strongly suggest that ancient impact craters lie buried beneath the smooth, low plains of Mars' northern hemisphere. The technique uses echoes of waves that have penetrated below the surface.

"It's almost like having X-ray vision," said Dr. Thomas R. Watters of the National Air and Space Museum's Center for Earth and Planetary Studies, Washington. "Besides finding previously unknown impact basins, we've also confirmed that some of the subtle topographic depressions mapped previously in the lowlands are related to impact features."

Studies of how Mars evolved aid understanding of early Earth. Some signs of the forces at work a few billion years ago are more evident on Mars because, on Earth, many of them have been obliterated during Earth's more active resurfacing by tectonic activity.

Watters and nine co-authors report the findings in the Dec. 14, 2006 issue of the journal *Nature*.

The researchers used the orbiter's Mars Advanced Radar for Subsurface and Ionospheric Sounding, which was provided to the European Mars mission by NASA and the Italian Space Agency. The instrument transmits radio waves that pass through the Martian surface and bounce off features in the subsurface with electrical properties that contrast with those of materials that buried them.

The findings bring planetary scientists closer to understanding one of the most enduring mysteries about the geologic evolution of the planet. In contrast to Earth, Mars shows a striking difference between its northern and southern hemispheres. Almost the entire southern hemisphere has rough, heavily cratered highlands, while most of the northern hemisphere is smoother and lower in elevation.

Since the impacts that cause craters can happen anywhere on a planet, the areas with fewer craters are generally interpreted as younger surfaces where geo-

logical processes have erased the impact scars. The abundance of buried craters that the radar has detected beneath Mars' smooth northern plains means the underlying crust of the northern hemisphere is extremely old, "perhaps as ancient as the heavily cratered highland crust in the southern hemisphere."

Learning about the ancient lowland crust has been challenging because that crust was buried first by vast amounts of volcanic lava and then by sediments carried by episodic flood waters and wind.

Co-authors are Carl J. Leuschen, Johns Hopkins University Applied Physics Laboratory, Laurel, Md.; Jeffrey J. Plaut, Ali Safaeinili and Anton B. Ivanov of NASA's Jet Propulsion Laboratory, Pasadena, Calif.; Giovanni Picardi, "La Sapienza" University of Rome, Italy; Stephen M. Clifford, Lunar and Planetary Institute, Houston; William M. Farrell, NASA's Goddard Space Flight Center, Greenbelt, Md.; Roger J. Phillips, Washington State University, St. Louis; and Ellen R. Stofan, Proxemy Research, Laytonsville, Md.

Additional information about the Mars Advanced Radar for Subsurface and Ionospheric Sounding is available at <http://www.marsis.com>. JPL, a division of the California Institute of Technology, Pasadena, manages NASA's roles in Mars Express for the NASA Science Mission Directorate, Washington.

The Center for Earth and Planetary Studies is the scientific research unit within the Collections and Research Department of the Smithsonian Institution's National Air and Space Museum. The Center's scientists perform original research and outreach activities on topics covering planetary science, terrestrial geophysics and the remote sensing of environmental change.

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Jet Propulsion Laboratory, Pasadena, Calif.

Dwayne Brown 202-358-1726
NASA Headquarters, Washington, D.C.

Peter Golkin 202-633-2374
National Air and Space Museum, Washington, D.C.

NEWS RELEASE: 2006-149

NASA Spacecraft Read Layered Clues to Changes on Mars

SAN FRANCISCO -- Layers on Mars are yielding history lessons revealed by instruments flying overhead and rolling across the surface.

Some of the first radar and imaging results from NASA's newest Mars spacecraft, the Mars Reconnaissance Orbiter, show details in layers of ice-rich deposits near the poles. Observed variations in the layers' thickness and composition will yield information about recent climate cycles on the red planet.

NASA's Mars Exploration Rover Opportunity has photographed patterns in the layering of crater-wall cliffs that are the clearest evidence of ancient sand dunes the rover has seen since arriving at Mars nearly three years ago. The science team for Opportunity's twin, Spirit, is using new orbital images of the rover's surroundings to interpret how some rocks with minerals altered by water fit into the area's complex layered structure.

"The combination of instruments on Mars Reconnaissance Orbiter is such a great advantage," said Dr. Jack Mustard of Brown University, Providence, R.I. He is deputy principal investigator for the Compact Reconnaissance Imaging Spectrometer for Mars, a mineral-identifying instrument on Mars Reconnaissance Orbiter. Researchers are using mineral information from analyses of spectrometer observations, combined with images from the orbiter's High Resolution Imaging Science Experiment, to seek the source of the mineral gypsum in dunes near the Martian north pole and clay minerals elsewhere. Gypsum and clay minerals are indicators of formerly wet conditions.

Other new images from that camera show mysterious pitting in the layered terrain near the north pole. Nearby, a steep slope exposing the layers appears to be shedding blocks of icy material that disappear instead of accumulating at the bottom of the slope.

"Observations of the polar layered deposits are telling us about the material properties there," said Dr. Ken Herkenhoff of the U.S. Geological Survey, Flagstaff, Ariz. "These deposits record relatively recent climate variations on Mars, like recent ice ages on Earth."

The Shallow Subsurface Radar instrument on Mars Reconnaissance Orbiter has begun probing through similar layered deposits at Mars' south pole. "The radar is penetrating through the entire thickness of these deposits and revealing the fine-scale internal layering," said Dr. Roger Phillips of Washington University, St. Louis, the deputy team leader for that instrument.

Far from the poles, Opportunity is navigating the scalloped rim of Victoria crater about half a mile in diameter, stopping at promontories along the way to look at cliff walls of adja-

cent promontories. The top part of the stack of layers exposed in the cliffs appears to be rocky rubble thrown outward by the impact that dug the crater. "We see an abrupt transition between the jumbled-up material and intact layers below it that are still in place from before the impact," said Dr. Steve Squyres of Cornell University, Ithaca, N.Y., principal investigator for the rovers. Some of the intact layering resembles fossilized dunes in the U.S. Southwest.

Spirit recently found water-altered minerals in disturbed soils and granular rocks near where the rover spent the Martian winter. An image of the region from Mars Reconnaissance Orbiter is aiding interpretation of how different parts of the terrain, such as a bright platform nicknamed "Home Plate," are related to others. "It appears likely that these rocks came from one or more volcanic explosions that produced 'Home Plate,'" said Dr. Ray Arvidson, also of Washington University, deputy principal investigator for the rovers.

Dr. John Callas of NASA's Jet Propulsion Laboratory, Pasadena, Calif., project manager for the rovers, said, "The biggest news about the health of the rovers is that it is essentially unchanged from nine months ago. Each rover has operated more than 1,000 Martian days on the surface of Mars. They are well past their original design life of 90 Martian days, and there is always the possibility that a critical component on either rover could stop functioning at any time, so we operate the rovers with that in mind and value each additional day they continue to work."

Researchers are describing the latest findings of Mars Reconnaissance Orbiter and the twin rovers today at the American Geophysical Union meeting in San Francisco.

JPL, a division of the California Institute of Technology, manages the Mars Reconnaissance Orbiter and Mars Exploration Rover missions for the NASA Science Mission Directorate, Washington. Lockheed Martin Space Systems, Denver, is the prime contractor for the orbiter. The Johns Hopkins University Applied Physics Laboratory, Laurel, Md., provided and operates the Compact Reconnaissance Imaging Spectrometer. The High Resolution Imaging Science Experiment is operated by the University of Arizona, Tucson, and the instrument was built by Ball Aerospace and Technology Corp., Boulder, Colo. The Shallow Subsurface Radar was provided by the Italian Space Agency and its operations are led by the INFOCOM Dept., University of Rome "La Sapienza."

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Guy Webster 818-354-6278
Jet Propulsion Laboratory, Pasadena, California

NEWS RELEASE: 2006-148

2006 Elected Officers

President	Pat Akins Jr.	5017 N. 6 th St.	Lincoln, NE	68521	402-477-1322
1 st Vice Pres.	Terry Anderson	1113 Co. Rd. 2500	Wilber, NE	68465	402-826-1169
2 nd Vice Pres.	Roger Pittard	1013 Road K	Geneva, NE	68361	402-759-4623
Treasurer	Vera Lyman	420 N. 56 th St.	Lincoln, NE	68504	402-464-6089
Secretary	Sharon Marburger	332 Locust	Hickman, NE	68372	402-792-2348
Board Member	James Atkins	3028 S. 35 th St.	Lincoln, NE	68506	402-483-1610
Board Member	John Harrison	330 Locust	Hickman, NE	68372	402-792-2337
Board Member	James Marburger	332 Locust	Hickman, NE	68372	402-792-2348
Board Member	Charles Wooldridge	6115 Huntington St.	Lincoln, NE	68507	402-325-8849

Nominating Committee

3 years	Vera Lyman
	Edward Ridge
2 years	John Harrison
	Aulden Stewart
1 year	Mary Pittard
	Phyllis Parks

**Long-Range Planning
& By-Laws Committee**

3 years	Charles Wooldridge
	Phyllis Parks
2 years	Susan Taylor
	Edward Ridge
1 year	Vera Lyman
	Roger Pabian

Chairman: Immediate Past-President Susan McMahan

Standing Committees

Education/Librarian:	Roger Pabian	MWF Liaison:	Vera Lyman
Field Trips:	Pat Akins, Coordinator	Scholarship:	Vera Lyman
Historian:	Sharon Marburger	Christmas Party:	Edward Ridge
Membership Record:	Edward Ridge	2007 Show:	James Marburger
Programs:	David Heffelbower	2008 Show:	Roger Pabian
Property:	Pat Akins, Jr. James Marburger	2007 Swap:	Roger Pabian
Refreshments/Door Prizes:	Judy Reilly	2008 Swap:	
Youth Activities:	Kay Jurgens, Judy Reilly, Vera Lyman, Susan McMahan		
Housing Committee:	Susan McMahan, Pat Akins, Jr., Charles Wooldridge, Vera Lyman		
Auditing Committee:	John Harrison, Roger Pabian, James Marburger		
Geology Day Coordinator:	2 nd Vice President Roger Pittard		

L. G. M. C. web address—courtesy of Jim Atkins:
<http://incolinetnebr.com/jna/gemclub/lgmc.htm>

Your PICK & SHOVEL Staff

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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, especially to youth and student groups.

J. J. & L. ROCKS and MINERALS

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LINCOLN GEM & MINERAL CLUB

Hosts our
49th Annual Show

At
PERSHING CENTER

226 Centennial Mall South

*** March 24 - March 26, 2007***

Show Chairman - Jim Marburger

Advertising by rock-hobby business or interest is permitted with the approval of the Board. The rate now set at \$15.00 per full page; \$7.50 per 1/2 page; \$5.00 per 1/3 page; and \$3.75 per 1/4 page (min) per issue, paid in advance. These ads will be placed through the bulletin as space permits.

Subscription to the Pick & Shovel is \$10.00 per year mailed.

Dues to Lincoln Gem & Mineral Club are as follows:

Adults (age 16 and over) \$10 per year Juniors (age 12 to 16) \$2 per year

Family Membership (Couple, resident children under age 16) \$22 per

year

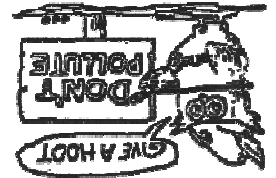
New memberships must be approved by the Board, after the applicant attends at least one meeting of the club and pays the above dues plus a \$5 registration fee.

Meetings: Third Thursday, Sept. through May except December & January to be announced. Held at Antelope Park Indoor Shelter, near 30th and Sumner, next to the Veterans Memorial and east of the children's playground.



Help Eliminate Litter Please

H. E. L. P.



E-Mail Newsletters to: jna@inetnebr.com

OR

Lincoln, Nebraska 68505-0342

P O Box 5342

Lincoln Gem & Mineral Club

Mail Exchange Newsletters to:

"Gems around US"

March 24-25, 2007

Saturday 9:00 AM - 6:00 PM, Sunday 10:00 AM - 5:00 PM

Pershing Center, 226 Centennial Mall South, Lincoln, Nebraska

Mineral Specimens, Cut and Polished Rocks, Meteorites, Fossils, Bead and Gemstone Jewelry of all Styles, Displays and MUCH MORE!