

CALNDAR

Meeting: Regular Meeting-3rd Saturday, May 20th. Our Dessert Supper at Bethany Park Shelter Cotner & Vine Streets. 7:30 PM. Members bring their choice of dessert, Club will furnish Coffee and cups. You bring your own table service and some ideas to share for **Summer Activities**.

Program: Video showing of "Egyptian Mummies"

Youth: See Youth Page

July 23 Grinding Party-Pioneer Park Activities Center- Sunday, 1 to 4 PM. Bring a piece of equipment and be prepared to show people how it works.

Next regular meeting will be September 23rd at Nebraska Center, 33rd & Holdrege.

NEXT LGMC SHOW - MARCH 24-25, 2001, Pershing Auditorium
(Our 43rd Annual Show)

Nearby Shows to Visit

May 13	Rock Auction	105 Washington, Cortland, NE, 10:30 and later. Owner Alice Closter Call Auctioneers at (402)792-2195 for details.
June 10-11	STATE SWAP	Grand Island Earth Science Society-at Fonner Park 'grassy area'
June 23-25	SHOW	& SWAP, Bloomington, Indiana, Lawrence County Rock Club, Inc. Further details in April Lapidary Journal or flyer at May Meeting
Aug. 7-13	SHOW	& Field Trips, Keweenaw Week 2000-Copper Country Rock & Mineral Club, Houghton, Michigan-Flyer at May Meeting
Oct.13-15	SHOW	Greater Detroit Gem & Mineral Show, Warren Michigan.

2000 REGIONAL SHOW SCHEDULE

EASTERN FEDERATION

September 16-17

Harrisburg, Pennsylvania

CALIFORNIA FEDERATION

August 4-6

Riverside, California

SOUTH CENTRAL FEDERATION

May 5 - 7

Fort Worth, Texas

NORTHWEST FEDERATION

June 23-25

Monroe, Washington

SOUTHEAST FEDERATION

October 20-22

Knoxville, Tennessee

AFMS/ROCKY MOUNTAIN FEDERATION

October 13-15

Moab, Utah

MIDWEST FEDERATION

August 18-20

St. Louis, Missouri

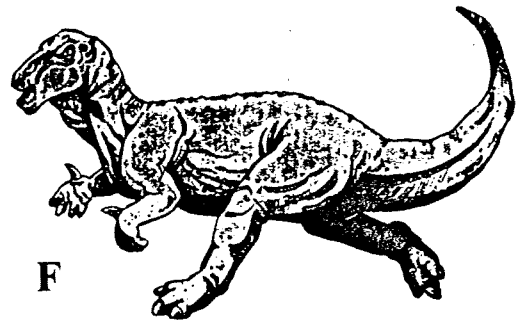
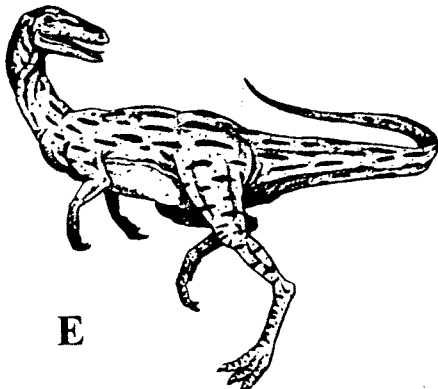
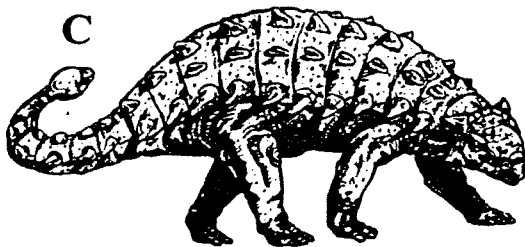
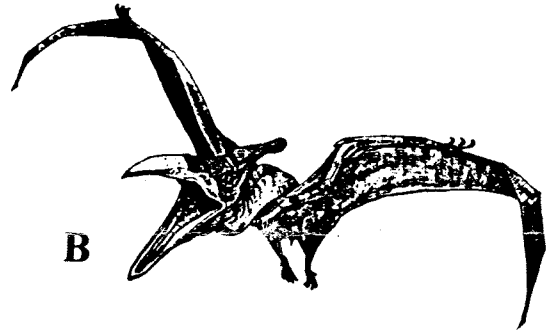
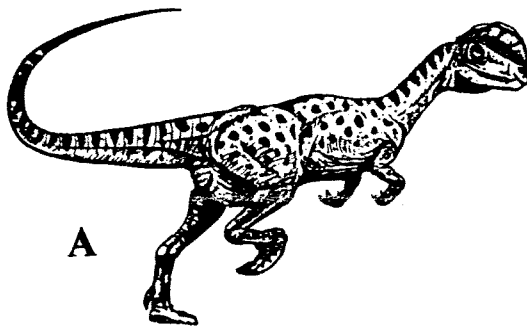
Youth Notes

By Kay Jurgens

We have some dinosaur experts in our junior group, and I decided to have a little dinosaur trivia on this month's page. Can you match the correct dinosaur with its name and description?

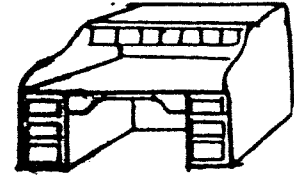
Our junior group doesn't want to extinct like the dinosaurs. We need to have some type of outing. I don't have a master idea. I am open to suggestions from youth and adults alike. Any plan for a field trip or outing takes drivers and chaperones. (Sorry Danny, as much as I like you, you're not driving my car without a liscense!) Call Kay at 786-2756 with your ideas, and we'll get something set up. Now, back to the dinosaurs!

- ___ **Ankylosaurus**- A walking tank with a horned helmet; a plant-eater.
 - ___ **Dilophosaurus**- had a large head topped with a set of two curving crests.
 - ___ **Hypsilophodon**- had long, arched claws, powerful legs, and a long rigid tail.
 - ___ **Iguanodon**- This plant-eater had hands with four fingers and a spike-like thumb.
 - ___ **Procompsognathus**- had a very light build, long legs, and could probably run fast.
 - ___ **Pteranodon**- A flying creature with a toothless beak, crest on its head and no tail.
- (This one was really hard, right?)



Answers on Page 6 this bulletin.

From The President's Desk



Hello LGMC Members:

I want to thank Vera Lyman for very good refreshments at the April Meeting. We had 15 members, 3 Junior Members and 3 Guests, Dr. & Mrs Norman Smith and Robert Tobin. Dr. Smith is head of the Geo-Sciences Department at UNL and presented our 2000 Scholarship Recipient Robert Tobin with LGMC grant and a like amount from the University.

Mr. Tobin gave us a program about his work on "ARCHIE". He is trying to locate the spot where Archie was originally found by comparing various bones and earth strata in the general location of his, "Archie's" discovery. Mr. Tobin is very near to attaining his Doctorate at UNL.

Now, as for the summer activities- maybe a President's Picnic sometime in June. We are planning a Grinding Party on July 23. For people who like to go to activities in small towns: There will be "Limestone Days" in Weeping Water probably the 3rd weekend in June. I had a good time there in 1999 when I took my 'solo' field trip before the picnic at Woolly's.

I hope to see you at the May 20th for the 'Dessert Supper.'

Edward Ridge

From the American Federation Newsletter for May 2000-Carolyn Weinberger, Editor--

HOW DO YOU KEEP MEMBERS?

As I read the club bulletins which come to my home each month, I cannot help but notice that there are some clubs that seem to prosper while others merely "hang on".

I've read of too many clubs that lament the fact that members join, do not become active, and then "drop out" after a year or two. Why? In other clubs, membership not only grows but the newer members get involved with the club, bring in new members and are often the first to renew their memberships at the end of the year.

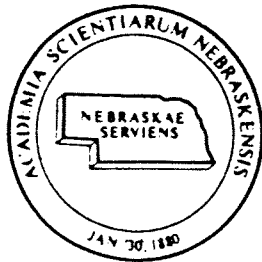
So what's the Secret? What does your successful club do to not only attract members, but more importantly, keep them? Does your club have a new member packet? What's in it? Do you have new member "get-togethers" or social activities? Orientation in your shop? Mentors? Field Trips? Lots of different activities? What's your club's key to success?

We are facing a change in the level of involvement in our younger people. The computer, Internet, TV and other like activities have become more important for some than joining clubs, sharing with others and doing for others.

So what's the secret? Let's use this news letter space to share ideas in keeping members active. I think we can all benefit by sharing ideas and while not every idea will work for every club, perhaps each of us can gain some insight that will help our own group to grow and prosper.

Carolyn suggest that we can contact her with any good ideas---so I suggest that LGMC Club Members who have good ideas contact your Board of Directors so that we can try, then we can pass ideas along to our Federation Editor for sharing with others.

Pick & Shovel Editor--Phyllis



The Nebraska Academy of Sciences, Inc.

302 Morrill Hall, 14th and U Streets

P.O. Box 880339

Lincoln, Nebraska 68588-0339

Affiliated with the A.A.A.S. and N.A.A.S.

402-472 2644, 2002

May 2, 2000

Mr. Edward Ridge, President
Lincoln Gem & Mineral Club
2507 "A" Street
Lincoln, NE 68502

Dear Mr. Ridge,

We were very pleased to award the Lincoln Gem and Mineral Scholarship this year to John Campbell from Papillion-LaVista High School. Although there was only one applicant for this scholarship, the Scholarship Committee felt his submission worthy of the award. A copy of the winning essay may be found in the enclosed Annual Meeting Banquet Program.

Sincerely,

Signed by Martha Kaul, Office Manager and our contact person for the LGMC Scholarship through the Nebraska Academy of Sciences.

This stipend is advertised for dispersion each year as part of our Life Membership in the Academy. Reprinted above are parts of a letter sent to our club, after the recent meeting of the Nebraska Academy of Science' and a copy of the 'Essay' submitted by the scholarship recipient. We can be very proud that a portion of our assets is being used to encourage young people who are interested in furthering their own ideas of our earth, geology, and other related sciences. Our Congratulations and Good Wishes to student John Campbell of Papillion-LaVista High School!

Lincoln Gem and Mineral Scholarship

INTERESTS IN THE WEATHER

John Campbell

Papillion-LaVista High School

Papillion, Nebraska

Since I was in fifth grade, I have always held an interest in meteorology and how the weather works. It excites me that in less than five years, I will be in the working force giving the weather forecast through media outlets in the United States. When I was in the fifth grade, my weather interest became a hobby. I wrote a letter to Bill Randby, a local television meteorologist, to express my interest in meteorology. He was gracious enough to call me to discuss questions I had about the weather and the next year, he came to my school to talk about weather with the students. At the beginning of my junior year, I decided to contact him once again. I called Mr. Randby to discuss the possibility of job shadowing him. Once again, he graciously complied and I watched him work throughout the day and even through a newscast. After that, I knew that television meteorology was what I wanted to do with the rest of my life.

Just like a small cumulus cloud grows into a massive thunderstorm; my interest in the weather has grown by leaps and bounds over the past years. I have taken a liking to reading books which explain aspects of the weather. Many of the concepts and theories are still confusing to me, but it is a joy to learn them and to be able to look out the window and know what is happening and how it is happening. In the spring and summer, I hope to become a Storm Spotter assisting the National Weather Service. It is very exciting for me to know that within a year I will begin my education to become a professional meteorologist.

My friends always discuss what they want to major in at college; I take great pride in knowing. Since the fifth grade, I have known that the weather is the only subject that I wanted to study and predict for the rest of my life. From job shadowing professional meteorologists to learning about the weather in my free time, I take great pride in knowing that my goal of being a meteorologist is easily within my reach as a high school student.

LINCOLN GEM & MINERAL CLUB, INC. - BOARD OF DIRECTORS - April 5, 2000
7:00 P.M. Kinkoa - 48th & Vine Sts.

Guests were John Harrison & Jim Marburger

President called the Meeting to order. Minutes of Feb Meeting were approved with motion by Phyllis P., 2nd by Jim A. Motion carried. Feb. Treasurer's report approved with motion by Vera L., 2nd by Dave H. Motion carried.

Motion for approval & payment of Bills by Suzy M., 2nd by Grant B. Carried.

No minutes recorded for March. There was no business conducted due to Lack of quorum.

March Treasurer's report approved with motion by Dave H., 2nd by Vera L. Carried. Motion of March Club Bills & Show Bills to be paid was made by Vera L., 2nd by Suzy M. Carried.

OLD BUSINESS: Choosing Annual Scholarship recipient.

The Board was presented with 3 choices of applicants.

The majority of Board voted for Robert Tobin, studying Vertebrate Paleontology; and referred by Dr. Mike Vorhies

The UNL would like to see us broaden our area and criteria for selection of students. Discussion followed.

Motion made by Dave Heffelbower - Whenever a choice is reasonably clear, a regional applicant will be considered; study matter will be a secondary basis for choice; All applicants will be considered. Preferrably, give us at least 4-6 wks before selection to have time to review applicants. 2nd by Phyllis Parks. Carried.

Board suggests that Scholarship Chairperson check at other colleges to see if we could possibly present a Scholarship to another student (in addition to UNL Foundation Scholarship)

SHOW: Chairman, John Harrison

John was pleased with Show & all his Committee Chairs & helpers. Satisfied with security. Show set-up went real well; only minor problems. Thought everyone did a great job.

John would like to have a Show Steering Committee Meeting and set up a SOP (Standard Operating Procedures) manual for future use. He will call Committee members and set up location & time.

Next Board Meeting at Kinkos on May 3 @ 7:00 P.M.

Respectfully submitted,

Vera Lyman
Vera Lyman, Secretary

LINCOLN GEM & MINERAL CLUB, INC. - GENERAL MEETING - April 29, 2000
 7:30 P.M. @ Bethany Park Shelter House

Three guests present: Dr. & Mrs Smith and Robert Tobin
 18 Club members and 3 Juniors present.

President called the meeting to order. Feb. minutes were approved with motion & second by Bill & Shirley Rockel. Carried.
 Treasurer's report approved with motion by Shirley R., and 2nd by Billie Heffelbower. Carried.

SHOW: Phyllis Parks reported on the Show. When all bills are in, Club will realize approximately \$ 2500. in profit. Also reported many compliments on the excellent publicity.

Filed Trips - possibly sometime after first Sunday in June

SCHOLARSHIP PRESENTATION: Chair Susan Taylor introduced Dr. Smith who is Dept. Chair at the UNL in Geo-Sciences.

He in turn introduced the Scholarship applicant/recipient. He was Robert Tobin, Vertebrate Paleontologist, studying under Dr. Mike Vorhies. (state Fossil - "Archie")
 Mr. Tobin gave a very interesting and enthusiastic presentation.

Coffee, ice tea and refreshments enjoyed by all after Student Presentation.

BOARD MEETING : Wed. May 3, 7:00 P.M. at Kinkos. Also is DEADLINE FOR PICK & SHOVEL COPY.

Respectfully submitted,

Vera Lyman

Vera Lyman, Secretary

LGMC Treasurer's Report for April 2000

	NBC Checking Balance March 31, 2000	7651.72
Receipts:		
Resale Plants from Show Displays	46.00	
Wishing Well Show	3.70	
Donation to LGMC Education/Scholarship	25.00	
Refund from Show Breakfasts	<u>18.18</u>	92.88
Payments:		
April Board Meeting	20.00	
April Pick & Shovel Printing (125)	26.93	
Pershing-Friday Set Up Catering	277.85	
Suspense-Member Badges & Exp.(22.50 & 1.49)	23.99	
US Postal Service-100 stamps May PS	33.00	
UNL Foundation-2001 Scholarship Fund Deposit	500.00	
April Refreshments	44.12	
City Parks & Rec.-Reserve Space-Oct. & Dec.Meets	120.00	
Show Expenses Paid(report when final)	<u>4961.05</u>	6006.94
	NBC Checking Balance 4/30/2000	1737.66

NEW & RENEWAL:

Welcome back Jim Null, 6515 Fremont St., Lincoln, NE 68507, 467-2763

Prepare to Welcome these persons who applied for membership, were approved subject to their attending a meeting and paying dues. Hope to see them on May 20th!

Mr. John W. Hylan, Box 452, Denton, NE 688339, Phone 458-7725

Mickey Lutjiharms, 6010 Birteley Drive, Lincoln, NE 68512, Phone 420-6143

* * * * *

ARE YOU A HITCH-HIKER?

With his thumb, a hitch-hiker says "You furnish the gas, the car, the insurance and attend to repairs and upkeep and I will ride with you. But if you have an accident, I'll sue you for damages!"

It sounds pretty one-sided but one wonders how many hitch-hikers there are in many organizations. Many members seem to say, 'You go to the meetings, serve on the board, serve on the committees, do the paperwork, study the issues, take care of things that need doing, and I will just go along for the ride. But if things don't suit my fancy, I'll complain, criticize, and probably get out and hitch-hike to another group.' Hitch-hiker or driver...which one are you?

Via Conglomerate May 2000, from MWF Newsletter April 2000

* * * * *

DID YOU KNOW?

The fossilized trees that make up the Arizona Petrified Forest today originally grew in a location about one hundred miles away. They were part of an ancient forest of primitive Aruacaria Pine. The trees were washed by floods into lower lying swampland and were buried in the mud and silt so fast that trees from six to eight feet in diameter and up to eighty feet long were fossilized.

Via Pegmatite May 2000

* * * * *

TURTLES ONCE WERE MONSTERS

One of the largest turtles ever on record was the Archion that lived approximately 200 million years ago in the ocean. A fossil of these monsters can be seen at the Peabody Museum at Yale University. It was found in North Dakota and measured eleven feet in length and twelve feet across the front flippers.

Via The Glacial Dirfter April 2000

* * * * *

"Thinking is the hardest work there is which is the probable reason why so few people engage in it."

Henry Ford

A Chat with Izzle "B"

Isabella Burns, President Elect

The many educational programs being presented for the youth through out the Federations really excites me. The last few years the youth from our Lake Elsinore Gem and Mineral Society, one of the CFMS younger clubs, have won many AFMS and CFMS trophies in the junior articles bulletin contests. I was one of the people who ask Sandy to write an article about how they did it. She sent me the following article a copy of their entry form, and sample articles. Last years winning articles can be found on the CFMS Website on the Internet accessible at <www.cfmsinc.org>.

The Lake Elsinore Gem and Mineral Society's, What We Do For The Children

I have been asked by several people to write something on what we do for the Children in our club, the Lake Elsinore Gem and Mineral Society and the community. One thing we do is have a contest.

It is a very simple contest. It is based on the CFMS rules for newsletter articles. The contest is open to anyone under 18 years old by December 15 (the publishing of the last newsletter of that year). The topic is the children's choice as long as it relates to rocks, minerals or fossils. The articles can be fact or fiction. They are to be no longer than one typed page (the younger entries do not need to be typed). Pictures are fine as long as they do not violate laws of copyright and creativity is encouraged.

All this is done for 6 trophies made by the club from mineral specimens and a \$50.00 U. S. Savings Bond. The children do not care about the bonds but the club likes to do it and the parents appreciate it. The best motivator for the children is a "really cool" trophy. Without the trophy it is just another homework assignment.

The Lake Elsinore Gem and Mineral Society is entering it's fourth annual contest year. The number of entries have grown every year with 22 in the 1999 contest. The top three entries in two categories (to give the smaller children a chance) get trophies and bonds. The win-

ning entries (and as many others as I can get in) go into the Pebble Pups section of the newsletter which qualifies them for the CFMS and if they win AFMS Junior Article contests. The club awards are made at a pot-luck

picnic in June with games and toys for the kids. Any further awards are sent to the children as soon as they are received and there have been several. We have had trophy awards at the CFMS and AFMS level every year since the competition started. We also mat and frame the certificates before we send them out to the children.

The entries go out to schools, the Boy Scouts, the Girl Scouts, in libraries, in Lapidary shops and out to other clubs especially those with Junior programs. We start the contest in January and end it in March. This gives us time to judge, order the Savings Bonds and prepare the trophy plates for the June Awards Picnic.

Other than the contest we just treat the children in our club as members. They are encouraged to come to meetings, volunteer or even co-chair committees, to present programs at the meetings, to participate in the raffle drawing (we have special items especially for the children in the raffles) and to come on the field trips - bring the family. At Christmas we have a party with gifts for the children and everyone has a good time. The children are an important part of the world and this hobby. It is important to let them be a part, to participate, it doesn't have to be involved or special just include them. It really isn't that much trouble and the rewards are felt in the heart.

Sandy Brautigam
Writing Contest Chairperson and Editor
The Rock and Hammer

Dinosaur Key

- _C_ Ankylosaurus
- _A_ Dilophosaurus
- _D_ Hypsilophodon
- _F_ Iguanodon
- _E_ Procompsognathus
- _B_ Pteranodon

TAKEN
from
"AFMS"
Newsletter
May 2000

2000 ELECTED OFFICERS

President	Edward Ridge,	2507 A Street,	Lincoln, NE 68502	477-8469
1st Vice Pres.	Jim Atkins,	3028 So. 35th St.	Lincoln, NE 68506	483-1610
2nd Vice Pres.	Grant Bennett,	721 No. 58 th St.	Lincoln, NE 68505	466-5377
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:	Kenneth Doe,	925 El Avado Avenue	Lincoln, NE 68504	466-4877
Board Member:	David Heffelbower,	1819 Washington St.	Lincoln, NE 68502(ceel)	499-2970
Board Member:	Brett Jurgens,	14421 Danvers St.	Waverly, NE 68462	786-2756
Board Member:	Susan McMahan,	5636 Greenwood St.	Lincoln, NE 68507	464-0065

Nominating Committee

3 years	Jim Parks
2 years	Charlene Bingell Jerry Moore
1 year:	Kevin Schwartman Roger Pabian Bill Rockel

Chairman: Past President Charles Woodridge

Long Range Planning & By-Laws Committee

3 years:	Charles Woodridge, Chairman Kevin Schwartman
2 years:	David Heffelbower
1 year	Jim Parks Vera Lyman Roger K. Pabian

Standing Committees

Membership:	Shirley Rockel	Programs:	David Heffelbower
Education:	Roger Pabian	MWF Liaison:	Vera Lyman
Field Trips:	? Coordinator	Scholarship:	Susan Taylor
Historian:	Susy McMahan	Christmas Party	
Hospitality:	Charlene Bingell		
Study Coordinator:?		2000 Show:	John Harrison
Housing/Property:	Jim Parks	2001 Show:	Jim Marburger
Youth Activities:	Kay Jurgens	2001 Swap	
Librarian:	Roger Pabian	2000 Swap:	Charles Woodridge
Auditing Committee:?	Jerry Moore, Mike Jurgens, Francis Belholovy		

Gem Patent Correspondent: Grant Bennett

Geology Day Coordinator: 2nd Vice President

L. G. M. C. Web Page Address :
<http://nesen.unl.edu/lgmc/lgmc.html>

Your PICK & SHOVEL Staff

Publisher:	Lincoln Gem & Mineral Club, Inc., P.O. Box 5342, Lincoln, NE 68505-0342
Editor:	Phyllis Parks
Business Reporter:	Vera Lyman
News Reporters	All Club Members
Circulation:	Jim Parks

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

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

J. J. & L. ROCKS and MINERALS

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IT IS TIME

to start thinking about

LINCOLN GEM & MINERAL CLUB'S

show for the year 2001

at

Pershing Municipal Auditorium

March 24 - 25, 2001

(Our 43rd Annual)

Read your bulletin for new materials or specials from the above advertisers.

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 are \$10.00 per year mailed.

Dues to Lincoln Gem & Mineral Club are as follows:

Adult (ages 16 and over)

Junior (ages 12 to 16)

Family Membership (Husband, wife, resident children under age 16)

\$10.00/yr

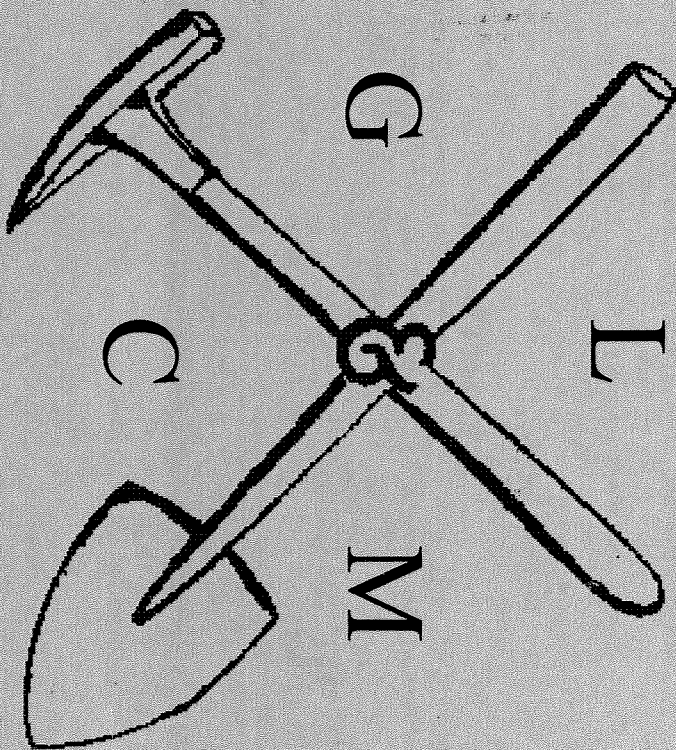
\$2.00/yr

\$22.00/yr

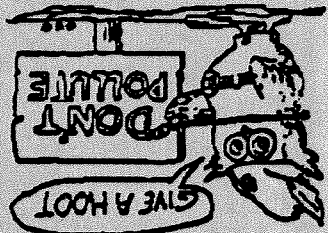
New memberships must be approved by the Board, after the applicant attends at least one meeting of the club and pays the above dues plus a \$5.00 registration fee.

THE PICK & SHOVEL

May 2000

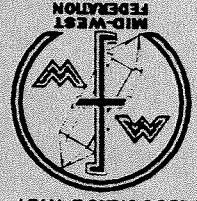
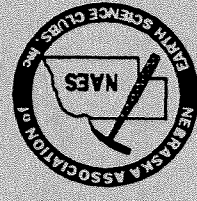


OFFICIAL PUBLICATION OF
LINCOLN GEM & MINERAL CLUB
LINCOLN, NEBRASKA



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Associated with

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