

HISTORY

OF THE

LINCOLN

GEM AND

MINERAL

CLUB, INC.

Lincoln, Nebraska, January 10, 1955.

Agates, Crystals, Rocks, Minerals, Gemstones, Gemstones!!!!

- Have you ever been bitten by the "rock bug"?
- Does a rock suggest more than material for a paving block to you?
- Do you see potential beauty and levelness in a piece of agate?
- Does a crystal, with its characteristic liveness, send chills of delight coursing up and down your spinal column?
- Do you experience an irresistible urge to visit gravel pits in search of petrified wood, or Jasper, or some other gaudy rock?

If so . . .

There is no known remedy for the spell which Nature has cast on you! Every effort only seems to intensify the affliction! Treatment recommended is to give way to that urge and scratch through the gravel of a pit, to slice a few slabs of gaudy stone, to polish a cabochon, to put a crystal under a magnifying glass, to identify and classify a few mineral specimens!

In fact, no one wants to be cured!!

BUT IT HELPS

To get together with others of like interest and "yawk, yah," about matters of so great concern and interest and enthusiasm. What do YOU say to the suggestion that as many of us who are of like mind should meet together next Saturday, Jan. 15th, at 7:30, at the Y. M. C. A.?

You don't need to answer; just be there and we'll decide what steps to take next. Some of us think we should have a Rocks and Minerals Club, or its counter-part in Lincoln. What do you think?

Perhaps it would be interesting for each one to bring to the meeting a choice cabinet specimen, a few cabochons or gems, or something else that provokes enthusiasm! Come on out and let's see if we can get going!

Sincerely,
Irl C. Everett
Everett A. Sabin

This invitation is being sent to the following: Angel Maw, A.F. Dodge, Lyle M. Stover, R. C. Gore, Leo Shinkle, Charles Parks, Harry Mathena, George E. Lewis, W. H. Hendrickson, G. W. Covey, H. E. Harvey, B. J. Dally, E. F. Paul, S. P. Pierce, Evan L. Hoiler, Clyde Benham, J. A. Vibel, Ted A. Miller, W. E. Price, Don L. Haeberling, Maurice Tracy, Gordon H. J. Teelys, Thomas B. Johnson.

If you know of anyone else who is interested, extend this invitation and bring him - or her - along!



LINCOLN GEM AND MINERAL CLUB

1955 OFFICERS

President
Vice-President
Secretary-Treasurer

Maurice Tracy
Irl Everett
Mrs. Maurice Tracy

CHARTER MEMBERS


Clyde Benham
Mr. & Mrs. Kenneth Dodge
Irl Everett
Thomas B. Johnson
Harry Mathena

Ansel Maw
Rev. E. A. Sabin
Gordon Teelyea
Mr. & Mrs. Maurice Tracy

ADDITIONAL MEMBERS DURING YEAR

R. C. Gore
Richard Hedges
Rev. C. B. Howells
C. Ray Waddle

Mrs. S. Fern Westfall
Mr. & Mrs. D. L. Whitmarsh
Rosemary Whitmarsh



Lincoln Evening Journal and Nebraska State Journal
Monday, February 22, 1933 - P. 2

Games and Mineral Club Elects Heads

The recently organized Lincoln Games and Mineral Club for those interested in geology and minerals met at the Y.M.C.A. Maurice Tracy was elected president, Irl Evers, vice president and Francis Tracy, secretary-trans-

New Lincoln Group Studies Minerals, Gems

Young in existence and small in numbers but making up for both factors in membership enthusiasm is the Lincoln Mineral and Gem Society.

To wind up their first few months of activity until fall, the society membership and their families participated in a basket dinner and field trip.

The field trip destination was the Carl Wagenknecht farm, just north of Garland, where University of Nebraska scientists recently inspected the partial skeleton of a 33-foot long water reptile, called a plesiosaur.

Before going out to the area, which, more than 100 million years ago, was a tropical sea bed, the group gathered at Morrill Hall where Dr. C. Bertrand Schultz, university State Museum director, discussed the recent reptile bone discovery.

President of the Lincoln Mineral and Gem Society, believed to be the first organization of its kind in this city, is Maurice Tracy. His wife is secretary.

The organization is predominantly couple membership, though anyone interested in mineralogy, gem collecting and cutting, silver making or metalcraft is invited to affiliate with the group.

First fall meeting of the organization, said program chair-



HOW TO CUT A GEM—With Mrs. Maurice Tracy (left) and Mrs. K. F. Dodge (right) as onlookers, Lincoln Mineral and Gem Society President Maurice Tracy cuts a piece of yellow jasper picked up in a limestone quarry near Garland. Mrs. Dodge is pouring oil on the diamond edged cutting wheel.

man, Mrs. Kenneth Dodge, will be in September.

Field trips, films, special interest instruction in silver mak-

ing and talks by mineral and gem authorities will be included in the coming year's programs of the new Lincoln society.



STONE-MOUNTING — Lincoln Mineral and Gem Society Member K. F. Dodge mounts an Alaskan jade stone in his hobby room. The Dodge couple, cut and solder silver for ring mountings and also have the equipment with which to cut semi-precious stones, collected in Nebraska and all parts of the world.

Wednesday, November 23, 1955

Gem, Mineral Society Sets Thursday Session

The women's first meeting of the Lincoln Gem and Mineral Society will take place at 7:30 p.m. Thursday in the lobby room of the Harry Mathena home at 2304 So. 10th. Mr. and Mrs. Mathena made a trip west this summer and will present their collection of rocks.

The Oct. 22 meeting will be a

field trip to crystalline deposits near Union. Interested persons are invited to the meetings.

October 29, 1955

Gem, Mineral Club Plans Field Trip

Lincoln Gem and Mineral Club will cooperate with the University of Nebraska State Museum in field trip Saturday to crystal deposits near Union.

Members and any other interested persons will gather at 7:30 p.m. at Morrill Hall to make the point with Lloyd Turner and Newell Jones of NU as guides. A luncheon will conclude the trip, which has been planned by Mrs. Kenneth Dodge, club president.



November 23, 1955

Mineral Group Plans Election

Plans for election of officers and a Christmas gift exchange of stones were made by Lincoln Gem and Mineral Society members at their meeting in the home of Iri Everett.

This will take place at the group's next session at 7:30 p.m. Dec. 18 in the jewelry department of Morrill Hall on the University of Nebraska campus. Guest speaker will be Betty Bieler of NU's night school faculty, who will discuss silver work and equipment.

At the society meeting this week Mrs. J. C. Ober discussed technique in silversmithing. A nominating committee was appointed.

December 21, 1955

Gem Society Elects Officers

Lincoln Gem and Mineral Society members met for their Christmas party in the jewelry department of Morrill Hall and elected new officers.

Officers are Iri Everett, president; Harry Mathena, vice president; and Richard Hedges, secretary-treasurer.

Members exchanged gifts—precious rocks and minerals—after a talk and demonstration by Betty Bieler on silver-smithing and the setting of gem stones.

The next meeting will be on Jan. 10 in the home of Maurice Tracy, 3601 South. Members are asked to bring items which they've made for the gem and mineral society's window display in the National Bank of Commerce Building the week of Jan. 14.

LINCOLN GEM AND MINERAL CLUB

1956 OFFICERS

President	Irl Everett
Vice-President	Harry Mathena
Secretary-Treasurer	Richard Hedges

MEMBERS

Helena Baegl
Ethel Long Baskins
Clyde Benham
A. O. Beckman
Mr. & Mrs. Kenneth Dodge
Kenneth Doe
Irl Everett
R. C. Gore
Mildred Hall
Mr. & Mrs. Richard Hedges
Rev. C. B. Howells
Dr. & Mrs. F. S. Lange
Thomas B. Johnson
Harry Mathena
Ansel Maw
E. F. Paul
Diana Poggemeyer
Mr. & Mrs. Maurice Tracy
Mr. & Mrs. C. Ray Waddle
Mrs. S. Fern Westfall
Mr. & Mrs. D. L. Whitmarsh
Rosemary Whitmarsh

February 17, 1956.

**Gem and Mineral
Group to Meet**

Plans for a joint spring meeting here with Omaha and Hastings clubs will be made by Lincoln Gem and Mineral Society members at their meeting at 7:30 p.m. Monday in the Gem and Mineral Room at Merrill Hall.

Dick Hedges is in charge of a program on "Spelunking" — the discovery and exploration of caves. A film will supplement the talk.

Lincoln Gem and Mineral Society's exhibit of stones and gems is currently on display at the Bethany Library.

LINCOLN GEM AND MINERAL CLUB

1957 OFFICERS

President	Richard Hedges
Vice-President	Clyde Benham
Secretary-Treasurer	Mrs. Maurice Tracy

MEMBERS

Helena Baegl	Mr. & Mrs. Barney Lanning
A. O. Beckman	John Lewis
Clyde Benham	Ansel Maw
Albert Biets	John Oakes
Mildred Burris	Ewald F. Paul
Guy L. Cooper, Jr.	Diana Poggemeyer
Sherry Dean	Mr. & Mrs. E. P. Skinner
Mr. & Mrs. Kenneth Dodge	Mr. & Mrs. Maurice Tracy
Kenneth Doe	Mr. & Mrs. C. R. Waddle
Irl Everett	Mrs. S. Fern Westfall
Steve Hamilton	Mr. & Mrs. D. L. Whitmarsh
Mr. & Mrs. Richard Hedges	Rosemary Whitmarsh
Frank Knott	Larry Wightman
Frank Krejci	Everett Wykle
Dr. & Mrs. F. S. Lange	

Thursday, October 3, 1957--

Gem Club Picnic

Members of the Lincoln Gem and Mineral Club will be hosts at a picnic at 12 noon Sunday at Pioneers Park. The group have invited clubs from Kansas, Iowa and Nebraska to attend the get-together.

LINCOLN GEM AND MINERAL CLUB

1958 OFFICERS

President
Vice-President
Secretary-Treasurer

A. O. Beckman
D. L. Whitmarsh
Mrs. Maurice Tracy

MEMBERS

Helena Baegl
Mr. & Mrs. Robert Bainbridge
A. O. Beckman
Clyde Benham
Albert D. Bietz
Allan Bietz
Mildred Burris
Mr. & Mrs. Virgil Carveth
Sherry Dean
Steven Detmer
Mr. & Mrs. Kenneth Dodge
Kenneth Doe
Irl Everett
Dr. R. D. Gibson
Mr. & Mrs. Willard Haas
Steve Hamilton
Mr. & Mrs. Richard Hedges
Mrs. Marjory Heedick
Frank L. Knott

Frank Krejci
Dr. & Mrs. F. S. Lange
John Lewis
Mr. & Mrs. S. M. Lybyer
John Oakes
Ewald F. Paul
Leland Pavel
Earl Phipps
Diana Poggemeyer
Mr. & Mrs. Grant Quinn
Mr. & Mrs. Thomas Simmons
Mr. & Mrs. E. P. Skinner
Mrs. E. F. Thomas
Mr. & Mrs. Maurice Tracy
Mr. & Mrs. Richard Vest
Mr. & Mrs. C. R. Waddle
Mr. & Mrs. D. L. Whitmarsh
Larry Wightman
Everett Wykle

Certificate of Award

The Lincoln Hobby Club
and City of Lincoln Recreation Department

are pleased to award to

LINCOLN GEM AND MINERAL CLUB
FIRST place in the Classification **GEMS-GENERAL**

at the Annual Benefit

Hobby Show

and Handy Craft Exposition

Exposition Hall, Pershing Municipal Auditorium, Lincoln, Nebraska

Saturday and Sunday, November 22-23, 1958



William S. Morton
Clare Theuerstern



Beckman Elected Gem Club Head

New officers of Lincoln Gem and Mineral Club are A. C. Beckman, president; Dr. Whitmarsh, vice president; and M. S. Moore Tracy, secretary.

Committee chairman are Mrs. Kenneth Dodge, and Irl Everett, publicity; Dick Bridges, reading; Mrs. Del Whitmarsh and John Lewis, program; Clyde Beckman and Dr. F. Lange, collection and Dr. F. Lange, membership; and Mr. and Mrs. Virgil Carver, membership.

During the January meeting a gem and mineral show was discussed. A contest for identi-

July 17, 1957 Gem Club Meeting

Lincoln Gem and Mineral Club will meet at 7:30 p.m. Monday at the east entrance of Merrill Hall. "Gems of North Carolina" is the topic to be discussed by Everett Wyke. A membership drive is in progress and the meeting is open to interested people. Mr. and Mrs. Virgil Carver are co-chairmen.

'Grand Canyon'

Lincoln Gem and Mineral Club will meet at 7:30 p.m. Monday at Merrill Hall. John Lewis will lecture and show films on the "Grand Canyon, Volcanus in Action and Hunting Animals of the Past."

Anyone interested may attend the meeting.

3-16-58

May 18, 1957

Rock Swap Scheduled

Lincoln Gem and Mineral Club meets at 7:30 p.m. Monday at Merrill Hall, east entrance. A swap display with exchange of rocks will be conducted by Mrs. Delmar Whitmarsh. The program includes planning of field trips with members describing unusual rock hunting trips.

October 13, 1958

Films of Agate

The Lincoln Gem and Mineral Club will meet at Merrill Hall at 7:30 p.m. Monday. John Lewis will show films of plume and iris agate, Copper variscite and specimens of petrified wood will also be shown.

November 18, 1958

Swap Night Set By Gem Club

Lincoln Gem and Mineral Club will have its annual swap night at 7:30 p.m. Monday at Merrill Hall. Exchange of rock and mineral material will be on the agenda.

Also on the program will be auction of gem and mineral donations to the club. Irl Everett is in charge of the program. The meeting is open to anyone interested in gem and mineral hobby.

WEDNESDAY, MARCH 25, 1959

THE DAILY REPORTER

NOTICE OF INCORPORATION

Notice is hereby given of the incorporation of the Lincoln Gem and Mineral Club, Inc., under the laws of the State of Nebraska.

The principal place of business shall be Lincoln, Nebraska. Resident agent is Mrs. Frances Tracy, Lincoln, Nebraska.

The purpose of the corporation shall be: a. the improvement of its members in the art of cutting and polishing gem materials; b. the study of mineralogy and geology; c. to collect minerals and gem materials; d. to provide opportunity for the purchase, exchange, and exhibition of mineral specimens and materials.

The corporation is not organized for pecuniary gain or profit, and it shall have no capital stock and shall declare no dividends.

The corporation shall commence business March 18, 1959, and shall exist for fifty years thereafter unless sooner dissolved as provided by law.

The affairs of the corporation are to be conducted by a board of five, being President, First Vice President, Second Vice President, Secretary and Treasurer, to be elected annually by the members from among their number as provided by the by-laws.

Irl C. Everett
Frances Tracy
Arthur O. Beckman
Virgil A. Carveth
Delmar L. Whitmarsh

Apr 15 (Wed) Mar 25, Apr 1-8-15

LINCOLN
GEM & MINERAL
CLUB, INC.

ARTICLES
OF
INCORPORATION
AND
BY-LAWS

LINCOLN
GEM &
MINERAL
CLUB
DIRECTORY

1959



March 22, 1959

Gem Club to Meet

Gem and Mineral Club will meet at 7:30 p.m. Monday in Morrill Hall. Two films on the Black Hills will be shown and Richard Hedges will speak on highlights of Nebraska field trips. All interested "rock hounds" are invited, including the young people's group, the Pebble Pups.

April 13, 1959

Gems From Burma

Lincoln Gem and Mineral Society will meet at 7:30 p.m. Monday at Morrill Hall. Dr. Donald Spalding of Omaha will speak on precious gems and stones from Burma and India. All interested persons are invited to attend.

Sept. 5, 1959

Gem Club to Tour

Lincoln Gem and Mineral Club will spend the Labor Day week end in Crawford and Orella touring the rock beds near there.

The group will meet in Ft. Robinson.





Field trip - Weeping Water



Gems, Rocks Make Colorful Show At Armory

By Nancy Ray

Recruiting at the National Guard Armory this weekend enlisted quite a few volunteers but not for military service.

The Armory was transformed into a colorful display of rocks and gems which were viewed by more than a thousand "rockhounds" and other Lincolnites.

The Lincoln Gem and Mineral Club display included 80 exhibit boxes ranging from arrowheads to precious and semi-precious stones.

Exhibitors from as far away as Phoenix, Ariz., Denver, Colo., and Granbury, Texas, had displays in the weekend show, and many visitors were launched on rock-collecting hobbies at the sales booths which lined the display area.

Irl C. Everett, president of the Lincoln club, picked out the workmanship of a Lincoln body and fender mechanic as one of the standouts of the show.

Home Furnishings Use

Frank Krejci entered several cases of outstanding collections and mountings, but the eye-catcher was his display of the use of minerals in home furnishings.

Two endtables had been decorated by Krejci with inlaid stone mosaic, and other furnishings included a hand-made alabaster clock base, a vase of Demming agate, hammered brass flower decorations, and a lamp of tiger-eye and limestone base with rose quartz shade.

Driftwood and a sense of humor livened up exhibits entered by Mrs. V. A. Carvath. One driftwood scene featured "Daisy the Dinosaur" and a nest of thistle "porcupine eggs."

Everett explained that the Lincoln club does not restrict its membership to strictly rockhounds, but tries to include collectors of related materials and interests.

Already in the making are plans for next year's rock show which Everett says "will be even better than this one."



Prettier Than Diamonds

This seems to be the opinion of 3 young Lincolnites as they view an exhibit of colorful Mexican opals valued at between \$5,000 and \$10,000. The trio, who were among the more than 1,000 to visit the Lincoln Gem and Mineral Club show this weekend, are (from left), Alice Jorgen-

sen, daughter of Mr. and Mrs. Eugene Jorgensen of 1920 No. 53rd, Arden Dodge, daughter of Mr. and Mrs. Hale Dodge of 4119 Worthington, and Susan Boyer, daughter of Mr. and Mrs. Everett Boyer of 4100 Worthington. (Star Photo.)

This Show Goes Down to Rock Bottom

1959

By Marilyn Miller
 "A rock bounding show—for all rock hounders."
 This is how Irl Everett, president of the Lincoln Gem

and Mineral Club, describes the organization's first statewide show, now in process at the National Guard Armory here.

Some 60 cases of rocks—from diamonds to fossils—are on display at the show which began Saturday and runs from noon to 10 p.m. today.

Among outstanding items on display, said Everett, are man-made diamonds, a University of Nebraska meteorite display, a 120-piece collection of fire opals belonging to Guy Miller of Hastings, and a collection of rare Nebraska agates owned by Frank Krejcie of Lincoln.

Everett said rock exhibitors want to compete for ribbons this year but that some ribbon displays from the 1959 State Fair would be shown.

He termed "rock bounding" the "fastest growing hobby in America" and estimated that the number of collectors would grow from 6 to 8 million now to 20 million by 1961.

The Lincoln club was started 4 years ago.

It now has 75 members. Other club officers are Virgil Carveth, first vice president; Del Whitmarsh, second vice president, and Mrs. Frances Tracy, secretary-treasurer.



JUST LOOKIN'—Four Lincoln youngsters look over a rock display with Irl Everett, president of the Lincoln Gem and Mineral club. They are (from left) Denny Cain, son of Dr. and Mrs. J. A. Cain of 925 Mul-

der Dr.; Pat Neumann, son of Mr. and Mrs. Tom Neumann of 3737 J St.; Gary Everett and his father, Irl, and Sean Cain of 225 Mulder Dr.



HARRY AND FESSIE SIMPSON
 (TEXAS DEALERS)



HAROLD AND DOROTHY DAVIS
 (OMAHA DEALERS)

NATIONAL GUARD ARMORY

1776 North 10th

LINCOLN, NEBRASKA

ROCK SHOW

TODAY

Saturday - Oct. 3, 1959

12 to 10 P.M.

&

SUNDAY - Oct 4, 1959

12 to 10 P.M.

MINERALS, FOSSILS, INDIAN ARTIFACTS, PRECIOUS & SEMI-
PRECIOUS GEM STONES, OPALS.

MAN-MADE DIAMONDS

ADMISSION: Adults - 50¢
CHILDREN UNDER 14 yrs FREE

REFRESHMENTS: COFFEE, SANDWICHES & SNACKS

LINCOLN GEM & MINERAL CLUB



LINCOLN
GEM & MINERAL
CLUB, INC.

WHO'S WHO
AND
WHERE
1960

**Carveth Heads
Local Gem Club**

V. A. Carveth was elected president of the Lincoln Gem and Mineral Club. Other officers elected are Dr. Robert Gibson, first vice-president, and Frances Tracy, secretary-treasurer.

Thomas Simmons will discuss last summer's Yellowstone Park earthquake at a meeting Monday at Merril Hall at 7:30 p.m.

1-17-60

HERE IN LINCOLN

Club Picnic — The Lincoln Gem and Mineral Club will hold a family style picnic Sunday, Aug. 21, at the Shelter House Pioneers Park at 1 p.m. All members are urged to attend this meeting.

'Rock Hounds' Come in All Sizes, Family Finds



Mrs. Gibson and Gretta work on display.

By Ingrid Leder

A showcase of rocks, collected by a 4-year-old girl, will be one of the displays at the second annual show of the Lincoln Gem and Mineral Club.

The young lady is Gretta Gibson, who is as interested in rocks as the rest of her family, Dr. and Mrs. Robert D. Gibson, Nancy, 11, and Dick, 9.

Collecting rocks, petrified wood, arrow heads and other Indian artifacts has become a family hobby with the Gibsons.

The basement of their home at 4109 Prescott, is filled with rare specimens, from shark teeth to fish vertebrae and huge pieces of crystal quartz.

Boyhood Hobby

The family has hunted for rocks in Nebraska, Indiana, Washington, California, Kansas, Missouri, South Dakota, and Colorado.

"The children have learned to recognize various rocks and the two elder ones help to polish the stones," said Mrs. Gibson.

Dr. Gibson became interested in this hobby when he was a boy. He looked for Indian artifacts and shark teeth in northwestern Kansas.

"Mrs. Gibson became interested in my hobby when we got married, because she wondered why we had to move all the rocks and 'junk' around," Gibson said.

"Three years ago when we purchased polishing equipment, she became really active in the hobby," Gibson continued.

Silversmith

Mrs. Gibson has developed the silversmithing art and is making bracelets, earrings and pendants from polished rocks.

The Gibsons will have displays of rock, petrified wood, arrowheads, fossils, jewelry and polished mountings for jewelry at the Lincoln Gem and Mineral Club show, to be held from 10 a.m. to 9 p.m. Saturday and Sunday at the National Guard Armory, 1776 No. 10th.

Each of the children will have individual displays.

The show will consist of about 60 showcases.

A second look at the basement of the Gibson home revealed that rock collecting is only one of the family's many hobbies.

The basement also houses a family of hamsters, a croquet set, baseball equipment, guppies, plants and a Cub Scout uniform.

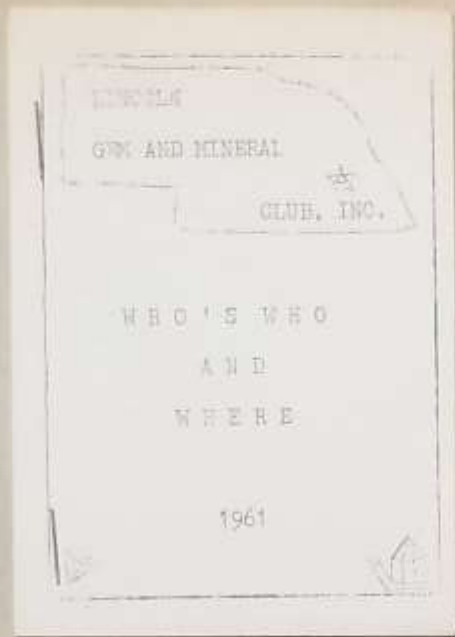
"We do many things together," said Dr. Gibson.











October 8, 1961



IT'S A GEM—Jerome Kraus of Omaha explains an exhibit to his daughters, Susan, 4, and Cynthia, 3, at the Lincoln Gem and Mineral Show at the National Guard Armory, 1776 No. 10. The show ends tonight at 9.

February 19, 1961

Gem Club Meeting

The Lincoln Gem and Mineral Club will meet at 7:30 Monday night at the Municipal Bldg., 2200 M. Richard Hedges will talk on speleology, the science dealing with caves.

3rd Gem, Mineral Show Draws 1,000

Gem and mineral enthusiasts of all ages viewed exhibits at the 3rd annual Lincoln Gem and Mineral Club show held Saturday and Sunday at the National Guard Armory.

Robert D. Gibson, club president, estimated that approximately 1,000 persons attended the two-day show. Gibson said nearly all 90 members of the Lincoln club had exhibits on display.

Exhibitors also were present from Wichita, Kan.; Des Moines, Iowa; Custer, S.D.; and Omaha. Gems and minerals in the exhibits ranged from opal found in Australia to agates coming from Brazil.

Gem, Mineral Club Sets Weekend Show

The Lincoln Gem and Mineral Club will hold its third annual show Saturday and Sunday from 10 a. m. to 9 p. m. at the National Guard Armory.

There will be displays of fossils, gem cutting and polishing, jewelry, minerals, and Indian artifices. Machinery used in the sawing, grinding, and polishing of rocks will be in action.

Henry Reider of the University of Nebraska Museum will play on his "bone-a-phone."

Gem, Mineral Display Here

The National Guard Armory here will sparkle next Saturday and Sunday when Nebraska's largest gem and mineral show is in session.

The Lincoln Gem and Mineral Club is sponsoring its 3rd annual show at the Armory, 1776 No. 10th. Doors will open 10 a. m. and close 9 p. m.

Gems, minerals, fossils, fluorescents, crystals, polished rocks and agates will fill display cases.

The featured attraction this year will be the bone-a-phone played by Henry Reider of the University of Nebraska. The instrument is made of rib fragments from prehistoric rhinoceros.

Gem Show—Some 1,000 persons visited the 3rd annual two-day Lincoln Gem and Mineral Club show at the National Guard Armory, according to Robert D. Gibson, club president.

The
MIDWEST FEDERATION
of
MINERALOGICAL & GEOLOGICAL SOCIETIES

hereby certifies that the
Lincoln Gem and Mineral Club

is a duly admitted member and is entitled
to all the rights and privileges of such membership



In witness whereof the seal of the Midwest Federation of Mineralogical and
Geological Societies is hereto affixed and the signatures of its officers, duly
authorized, are subscribed hereto

this 12th day of February anno Domini 1961

Floyd W. Westerson *Bernice L. Resine*
PRESIDENT SECRETARY

Certificate of Award

The Lincoln Hobby Club

and City of Lincoln Recreation Department

are pleased to award to

Lincoln Gem & Mineral Club

First place in the Classification **Rocks**

at the Annual Benefit

Hobby Show

and Handy Craft Exposition

Exposition Hall, Pershing Municipal Auditorium, Lincoln, Nebraska

Saturday and Sunday, March 4-5, 1961



William Morton
Jane Stambaugh



THE
WILMINGTON
COAL FLORA
FROM A
PENNSYLVANIAN DEPOSIT
IN
WILL COUNTY,
ILLINOIS

George Langford

*Congratulations to the
Lincoln Gem and Mineral Club
of Lincoln, Nebraska -
winner of the 1961 Midwest
Federation "Bulletins on Review"
Trophy award. The "Pick and Shovel"
was the best bulletin submitted.
Keep up the good work.*

*Floyd H. Mortenson
President, M.W.F.*



MIDWEST FEDERATION

**21st Annual
CONVENTION**

SATURDAY MORNING

JULY 1st, 1961

Editors' Breakfast

HIGH LIFE INN

Saginaw, Michigan



Field trip &
Picnic
Fremont





Base Invited To Gem Show

Lincoln Gem and Mineral Club have invited Lincoln AFB personnel to attend their third annual show at the National Guard Armory, 1776 North 15th Street, Lincoln. The show will begin at 10 a. m. and last till 9 p. m. on both Saturday and Sunday, October 7 and 8.

Special demonstrations on cutting and polishing gems, min-

erals and fossils will be featured along with numerous exhibits. An admission fee of 50 cents will be required of adults. Children under 12 will be admitted free if accompanied by an adult.



1961

SHOW



Reider to Perform On Bon-O-Phone'

A returning entertainer at the Lincoln Sports, Vacation and Travel show March 30, 31 and April 1 at the Fairgrounds exhibition building will be Henry Reider, his "Bon-O-Phone" and his duck and goose calls.

Reider's "Bon-O-Phone" is a musical instrument made of Teleoceros rib bones collected in 1926 near Ainsworth in a

deposit of fossils some four million years old.

When Reider, preparator at the University of Nebraska museum, was mounting the bones into a skeleton exhibit, he discovered the distinctive musical quality of the ribs. He constructed a xylophone and tuned the bones.

The Bon-O-Phone, according to Reider, contains two full

octaves. He uses common hardwood mallets to bring such tunes as "Rock of Ages," "Red Wing" and the "Beer Barrel Polka" from the 25-rib instrument.

Another part of Reider's act is a demonstration of duck and goose calls — using the common manufactured call devices.



Reider is shown at his "Bon-O-Phone" shortly after the instrument was constructed.

Gem, Mineral Display Here

The National Guard Armory here will sparkle next Saturday and Sunday when Nebraska's largest gem and mineral show is in session.

The Lincoln Gem and Mineral Club is sponsoring its 3rd annual show at the Armory, 1776 No. 20th. Doors will open 10 a.m. and close 9 p.m.

Gems, minerals, fossils, fluorescents, crystals, polished rocks and agates will fill display cases.

The featured attraction this year will be the bone-o-phone played by Henry Reider of the University of Nebraska. The instrument is made of rib fragments from prehistoric rhinoceros.







Beauty and Value Found in Ground

... MANY TRIPS

By NANILEI COLLINS

Finding beauty in unusual places is the hobby of Clyde Benham, 1711 Harwood.

Benham owns one of the most unusual and beautiful rock and gem collections in the Midwest. He began his hobby of collecting, buying, and trading rocks and gems 15 years ago for his own satisfaction rather than profit. He still finds pleasure and excitement in his hobby.

The quest for additions to his collection has carried Benham to many areas of the U.S. and Mexico. He and his wife, Myrtle, have searched for rocks along the Columbia river in California, the Black Hills of South Dakota, Niagara Falls, the Tetons Mountains and Fort Robinson. They have visited Yellowstone national park four times.

The biggest portion of the Benham collection has come from Mexico, South Dakota, Oregon, Washington, California and Arizona. There is also cut crystal and jade from India, cut crystal from Japan and a dendrite opal which came from the opal mine in Bridgeport, Nebr.

Polished Gems

Four weeks ago Benham returned from a trip to Mexico with 221 cut and polished gems and more than 100 rough opals. He also brought back several hand-carved objects made of onyx and opals.

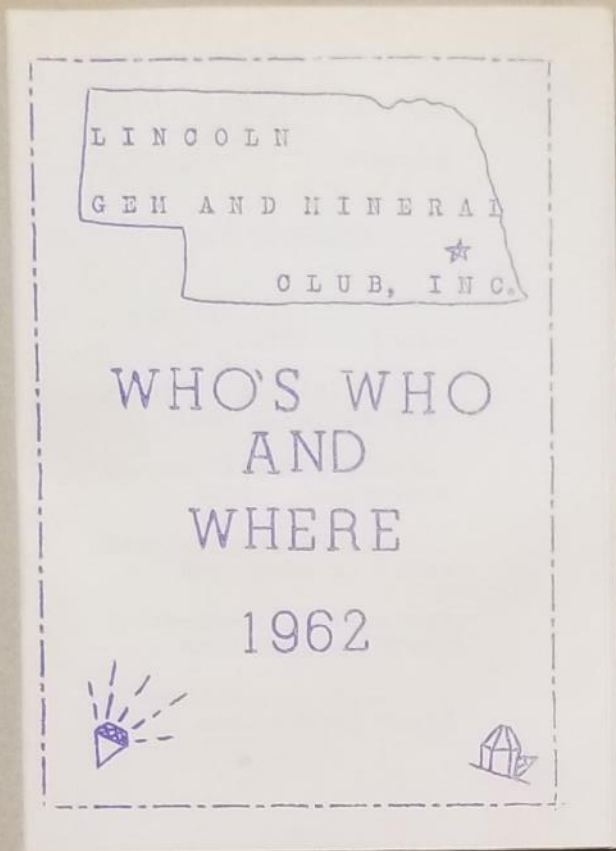
Benham has two workshops in his home where he cuts and polishes rough rocks for display. He will not sell any of his opals which he treasures.

The display room in the Benham home contains hundreds of objects of interest. Rocks and gems of every size, color and shape fill the shelves, jars and display cases. Some stones held up to the light are clear as glass and others brilliant in color and design.

Natural Pictures

A special feature of the display room is a case of natural pictures in stone made by nature. There is an Indian girl in headdress, the head of a bulldog, a forest fire scene and a scene that could be the Badlands at twilight. Benham's favorite is a stone which he calls, "An Ape in Orbit," complete with helmet and collar. The case also contains an iris agate and an agate slab from Lake Superior.

Benham works for the Mail Advertising Corp. in Lincoln where he does maintenance on machinery. He is a charter member of the Lincoln Gem and Mineral club. He will display part of his collection with other members at the University of Nebraska museum this fall. He also will take part in the September Gem and Mineral club show at the Lincoln Armory.



Benham displays a tray of Mexican opals brought back from a trip into old Mexico. (SUN Staff Photo)

July 12, 1962

FOURTH ANNUAL HOBBY FAIR

RECREATION SERVICES DIVISION

LINCOLN AIR FORCE BASE
NEBRASKA

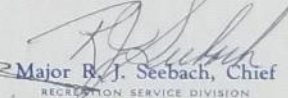
SUPERIOR RATING

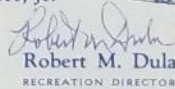
IS AWARDED TO

LINCOLN GEM AND MINERAL CLUB

for meeting set requirements and exhibiting an outstanding hobby during the Fourth Annual Hobby Fair at Lincoln Air Force Base in the year 1962


Colonel Clifford J. Moore, Jr.
BASE COMMANDER


Major R. J. Seebach, Chief
RECREATION SERVICE DIVISION


Robert M. Dula
RECREATION DIRECTOR

Certificate of Award

The Lincoln Hobby Club
and City of Lincoln Recreation Department
are pleased to award to

LINCOLN GEM AND MINERAL CLUB

FIRST place in the Classification **GEM DISPLAY**
at the Annual Benefit

**Hobby Show
and Handy Craft Exposition**

Exposition Hall, Pershing Municipal Auditorium, Lincoln, Nebraska
SATURDAY AND SUNDAY, MARCH 10 - 11, 1962



William S. Morton
Jerry Slawbaugh



CITATION



LINCOLN GEM AND MINERAL CLUB

in appreciation for

services rendered to the Boy Scouts on their
theme of the month - ROCK HOUNDS

Darrell Jackson

Darrell Jackson, Assistant Scout Executive

**CORNHUSKER COUNCIL
BOY SCOUTS OF AMERICA**

WELCOME ROCKHOUNDS!

to the
Twenty-Second Annual Convention
MIDWEST FEDERATION
of
Mineralogical and Geological
Societies



Combined with Annual Convention
AMERICAN FEDERATION
of
Mineralogical Societies



OFFICIAL PROGRAM

THE NATIONAL GEM AND MINERAL EXPOSITION

in the 100,000 square foot air-cooled
VETERANS AUDITORIUM, DES MOINES, IOWA

Friday, Saturday, Sunday, Monday, Tuesday
July 27, 28, 29, 30, 31, 1962

10:00 A.M. to 10:00 P.M.

Sunday, Noon to 10:00 P.M.



Host

The Des Moines Lapidary Society



Lincoln Gem & Mineral Club

Will hold their

ANNUAL SHOW

Sat. & Sun., September 29th & 30th

NATIONAL GUARD ARMORY

1776 No. 10th Street

Special Attractions

Displays, Gems, Minerals, Fossils
Cutting & Polishing, Demonstrations

Adm. 50c, chil-
dren under 12
free if accompa-
nied by an adult.
Open 10-9 p.m.

Rock Fans to Display \$2,000 Diamond 'Find'

One of the most interesting displays to be found at the Lincoln Gem and Mineral club show Sept. 29 and 30 is a \$2,000 uncut diamond found in a field in Arkansas by the

Howard Taylor family of 910 New Hampshire.

The Taylor family, which includes two children—Jim, 15, and Susan, 9, — and their grandfather Jacob Frick, Sr., vacationed last summer in Arkansas and Texas on a rock hunting expedition.

A favorite site for many rock collectors of the South is the Crater of Diamonds at Murfreesboro, Ark. The crater is a piece of land owned by Howard A. Miller of Murfreesboro, who charges \$1.50 for the right to hunt for diamonds all day. It is the only place in the United States where diamonds are found.

It was at this crater that the Taylors found their 48-sided brown diamond which, at about the size of a pea, is valued at \$2,000. The largest diamond ever found at the crater is the "Star of Arkansas" valued at \$85,000.

The Taylors have been members of the Lincoln Gem and Mineral club for about two years and have one of the finest "rock hound" collections in the city. Taylor has cutting and polishing equipment in his basement and turns many rough rocks into gem displays.

The annual gem show, expected to draw hundreds of rock and gem fanciers and collectors from all parts of the Midwest, will be held at the National Guard Armory, 1776 No. 10th, from 10 a.m. to 9 p.m. on the 29th and 30th.

Besides the many gem displays, there will be cutting and polishing demonstrations for the novice gem fans. President of the Lincoln club is John Lewis of 6225 Judson.

September 27, 1962



Jim Taylor, 15, a Lincoln high student, points to the pea-sized \$2,000 diamond which will be shown at the Gem and Mineral club show. (SUN Staff Photo)

September 30, 1962



Gem of a Mineral

Howard (Jim) Taylor Jr., 16, mounts \$2,000 cocoa diamond he and his grandfather, Jacob Frick, found at Mufreesboro, Ark., in August. The 3½-karat, 48-sided diamond is now on exhibit at the Gem and Mineral show at the National Guard Armory. Jim is the son of Mr. and Mrs. Howard Taylor Sr., 910 New Hampshire. Today's show at 1776 No. 10th is from 10 a.m. to 9 p.m.

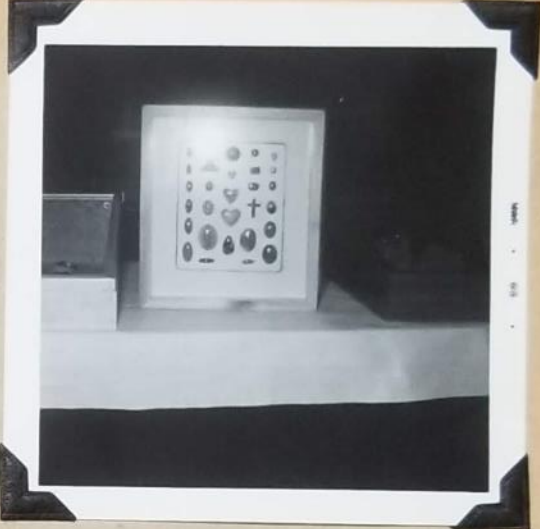
This Week In Lincoln

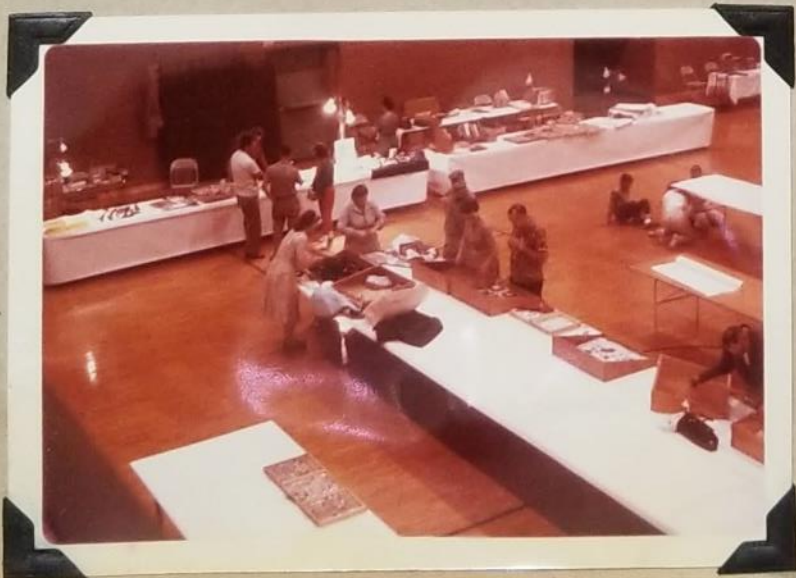
What To Do

All times p.m. unless otherwise indicated.

Today

Gem and Mineral Show — Lincoln Gem and Mineral Club Show, National Guard Armory, 1776 No. 10th, 10 a.m.-9.







LINCOLN

GEM and MINERAL

CLUB, INC.

WHO'S WHO
AND
WHERE

1963



LINCOLN

GEM

&

MINERAL

CLUB,

INC.

ARTICLES
OF
INCORPORATION
AND
BY-LAWS

Saturday, Jan. 26, 1963

HERE IN LINCOLN

Battlefield Slides—The Rev. Richard A. Heim will show slides of the Gettysburg Battlefield in honor of its centennial year at the Saturday meeting of the Lincoln Gem and Mineral Club, 7:30 p.m. at 211 So. 20th St.

Attack Claims Geo. Wilson, Scout Leader

George W. Wilson, 2208 A. a retired Union Bus Depot ticket agent and long-time Boy Scout leader, died Monday evening of a heart attack.



Wilson A resuscitator brought to King's, 40th & South, failed to revive him.

Mr. Wilson had been associated with scouting for many years as a scoutmaster and, for about the last 10 years, as district commissioner of Pioneer District. He retired from the latter position at the beginning of this year.

He was advisor to the Order of the Arrow and in charge of the Wood Badge training of the Cornhusker Council. He had received the Silver Beaver, the highest award given to volunteer scouters.

He was a member of the Southview Christian Church and the Optimist Club.

His survivors include his wife, Lois B.; sons, Barton A. of Lincoln, Harry Lane with the U.S. Army in Germany; a daughter, Mrs. Darlene Lagemann of Lincoln; and 5 grandchildren. *Feb 5, 1963*

7-8-63
HERE IN LINCOLN

CAP To Meet—The Civil Air Patrol Nebraska Wing will hold a luncheon and screening board meeting Saturday noon at the Cornhusker Hotel at which cadets to be honored will be chosen.

Roper & Sons Mort.—Adv.

Gem Club Meets—George Schildman, biologist with the Nebraska Game Commission, will be guest speaker for the Lincoln Gem and Mineral Club Saturday at 7:30 p.m. at Robert's Party Room.

Friday, March 22, 1963—P.M.

Gem Club

The Lincoln Gem-Mineral Club will meet Saturday night at the Roberts Party Room, 211 So. 20. The program will begin at 7:30 o'clock and will include talks by V. A. Carveth, Howard Taylor and C. Ray Waddle on their recent trip to Mexico.

Other Groups

Lincoln Gem Mineral Club: 7:30 p.m. Saturday, Roberts Party Room. Program by V. A. Carveth, Howard Taylor and Roy Waddle on rock hunting trip to Mexico.

The Home Country Journal
5-8-63
Hobby Group Has Field Trip Here

Members of the Lincoln Gem and Rock Club held a field trip Sunday to the Ace Sand & Gravel Co. pit on the south side of the Loup river near Fullerton. A total of 78 members of the hobby club were present. Mr. and Mrs. S. H. Watters and Mr. and Mrs. Dale Milby and family were local residents joining the group as guests on the tour.

*3, 127
Lincoln, Neb.
March 22, 1963*

*Lincoln Gem & Mineral Club
Lincoln, Nebraska*

Gentlemen:

We, the Occupational Therapy Department, received your donation of rocks. There was a wide selection, and many were of an unusual variety. Not only that, but there was a wide array of colors which was fascinating to say the least. They arrived in splendid condition; and the rock should furnish many hours of pleasure to us all.

In closing, we wish to express our thanks in the O.T. Department. The rocks you sent will open up new challenging roads for future patients. This donation, will

The Lincoln Star 9
Wednesday, Feb. 26, 1964

Hobby Program

The annual Lancaster County Farm and Home meeting, held Tuesday in Lincoln at the National Guard Armory, included an all-day program of unusual interest for the feminine members of the family.

Opening at 10 o'clock, the morning program, "Hobby For You", was introduced by Mrs. Magdalene Pfister of the University of Nebraska agriculture extension department faculty.

A talk on, "Rocks To Jewelry", was given by Mr. and Mrs. Bruce Simon, and Mrs. Merrill Loos of Rt. 1, Lincoln, spoke on, "Ceramics". Mrs. Pfister discussed weaving as a hobby.

More than 200 attended the noon luncheon during which a program, "A Day at the Nebraska Vocational Training School," was given by Stanley Matzke and his son, Stanley Matzke, Jr.

The afternoon program

was opened by Mrs. Loos who talked on, "Pottery And Posies," and concluded with an address, "Deadly Household Efficiency," by Mrs. Clara Leopold of the university agriculture extension department.

Friday, August 23, 1963-

Gem Club Plans Picnic and Swap

Lincoln Gem and Mineral Club will have a covered dish picnic at 12:30 p.m. Sunday in Pioneers Park, Section 6.

Following the picnic the regular meeting will be held.

Rocky Life Nets A Trophy

By JOAN WATTS

In just 6 years the hobby of making jewelry has netted a trophy and 46 prizes, including 4 grand champion ribbons at the Nebraska State Fair, for Miss Adeline E. Nolde, secretary in the department of engineering mechanics at the University of Nebraska.

While Miss Nolde is surrounded by the massive rock crushing equipment of the engineering department by day, she turns to delicate and exacting lapidary, cutting and polishing semi-precious stones, in her leisure time.

When a stone is polished to the desired perfection, Miss Nolde starts from sketches to design her own settings. Using her experience in engineering departments to good advantage, she even designs some of her own tools. She employs various techniques in her designs such as forging, fusing, engraving and enameling silver and copper.

"I don't buy all of my stones and rocks," said Miss Nolde. "As a member of the Lincoln Gem and Mineral Club, Inc., I take trips and hunt my own. Some of our native stone is really very lovely when it is cut and polished."

Miss Nolde first became interested in jewelry-making when she enrolled in an Extension Division course at NU.

"Soon I hope to be able to have my own workshop where I will be able to set up equipment. I'd like to expand in the silver and other metal areas by going into casting and perhaps learning to work in gold," she said.

Plans also include making jewelry for gifts and to sell. In the past, Miss Nolde has made pieces only for exhibition in the State Fair and in shows in Wyoming, Utah, Colorado and Oklahoma. Her trophy is for the jewelry division of the Denver Gem and Mineral Fair.



Miss Nolde arranges her handmade, prizewinning jewelry.

Gem Club Plans Picnic and Swap

7-23-63
Lincoln Gem and Mineral Club will have a covered dish picnic at 12:30 p.m. Sunday in Pioneers Park, Section 6.

Following the picnic the regular meeting will be held.

MINERAL COLLECTORS AID LITTER FIGHT

The litter problem in camping and picnic areas has been attacked by the Lincoln Gem and Mineral Club. Club President Mrs. Marie J. Carveth, 2526 South Eleventh, Lincoln, advised M. O. Steen of the activity of the group in a letter.

"Our members are posting H.E.L.P. (Help Eliminate Litter Please) stickers wherever we camp, picnic, or do our rock hunting.

"In the interest of keeping our state and country beautiful and clean, and free of litter, we feel that if each does his part, it will help in some small way."

FIFTH ANNUAL HOBBY FAIR

RECREATION SERVICES DIVISION

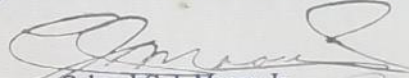
LINCOLN AIR FORCE BASE
NEBRASKA

SUPERIOR RATING

IS AWARDED TO

LINCOLN GEM & MINERAL CLUB INC

*for meeting set requirements and exhibiting an outstanding hobby during the Fifth
Annual Hobby Fair at Lincoln Air Force Base in the year 1963.*


Colonel C. J. Moore, Jr.
BASE COMMANDER


Lt. Colonel Paul Adams
RECREATION SERVICE DIVISION


Robert M. Dula
RECREATION DIRECTOR



Ed Herman holds a rock ready for cutting and polishing on his workshop table. (SUN Staff Photo)

'Curiosity' Leads Postal Employee into Rock Hunting

Because Ed Herman, 30, has "a lot of curiosity" he started lapidary work as a hobby three years ago after he watched several friends at work on rock collections.

With a workshop in his garage at 3731 So. 17th, Herman processes smaller stones by cutting them, putting them in a machine called a tumbler, which shapes the rocks in much the same way nature shaped them, and finally polishing the stones.

Rocks must be in the tumbler day and night for about a month, according to Herman. Rocks, which are not put in the tumbler, can be cut, shaped and polished in an hour. To process large rocks Herman rents the machinery he needs. **Rock Jewelry**

In his basement workshop, Herman makes rock jewelry. He says, "The work is interesting and I enjoy giving the jewelry and book ends to family members and friends." He has worked with such stones as agate, cateyes, coral, desert rose, jade, jasper, onyx, opal, ozarkite, petrified wood, serpentine and wiggens wood.

Herman says three times a year he spends a few days out of town or out of the state collecting rocks. He also acquires rocks by trading and buying from several Lincoln rock shops. He has gathered

stones from as far away as Australia, Brazil and India.

'Good Exercise'

He reported that although Nebraska is not as well supplied with rocks as many other places, the state does have some that any "rockhound" would want in his collection. "Besides," he said, "it's good exercise to climb the hills in western Nebraska."

When he retires, Herman, who is employed with the Post Office, wants to devote all his time to lapidary work and eventually become a professional in the field.

Herman, who gives his wife the most beautiful rock jewelry he makes, has three step children and five step grandchildren.

Gem Club Picnic

The Lincoln Gem and Mineral Club met for a family style picnic on Sunday at Van Dorn Park.

Sept 22 - on the lawn

Gem Club Will Exhibit

The Lincoln Gem and Mineral Club's fifth annual exhibition will be at the National Guard Armory, 1776 No. 10th, from 10 a.m. to 9 p.m. next Saturday and Sunday.

Among exhibits will be a complete lapidary shop illustrating gemstone faceting an artifact collection from Ogalala, and numerous individual displays of fossils, minerals, gems and jewelry.

A large location map of the United States with polished gemstones indicating areas of discovery will be displayed. Club member Frank Krejci of Lincoln will exhibit gemstone vases formed on equipment of his own design and manufacture.

The club project, a fluorescent display, is expected to be one of the largest in the Midwest.

This Week in Lincoln

What To Do

Times p.m. unless otherwise indicated.

Today

September 29, 1963

Gem & Mineral Show—Guard Armory, 1776 No. 10th, 10 a.m.-9.

Lincoln Gem & Mineral Club, Inc.

presents
5th Annual Show
National Guard Armory
1776 No. 10th
Lincoln, Nebraska

Sat. & Sun.-Sept. 28 & 29
10 a.m. to 9 p.m.

Outstanding displays of: Gems, Minerals & Fossils. Featuring: Midwests Finest Fluorescent Display.
Children under 12
Adults 50c—FREE with Adult

Lincoln Gem & Mineral Club, Inc.

5th Annual Show

National Guard Armory
1776 No. 10th Street
Lincoln, Nebr.

Sept. 28-29, 1963

10 a.m. - 9:00 p.m.

Adult Admission 50c
Children under 12 free
with an adult

Outstanding display of
gems, minerals, fossils.

See Us At the Fifth Annual

LINCOLN GEM & MINERAL CLUB SHOW

September 28th and 29th

National Guard Armory, 1776 No. 10th

EVERETT LAPIDARY SHOP

2941 No. 65th St.

Phone 466-6704

"The Capitol City's first rock shop. Full line of gems, minerals, findings and rock cutting equipment."

September 29, 1963

Krejci 'Body' Work Uncovered At Gem and Mineral Show Here

By JUDI LEE

When Frank Krejci returns home from a long day at his local auto body shop, he exchanges his sanders and power jacks for the precision tools of a jeweler and artist.

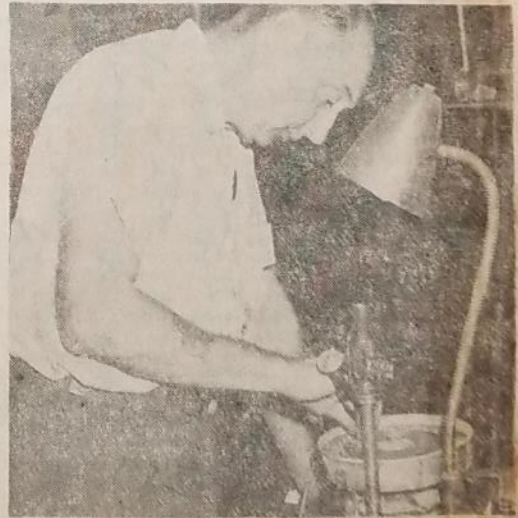
A priceless group of home-spun, gemstone vases, delicately fashioned by Krejci's talented hands are a featured attraction at the fifth annual Lincoln Gem and Mineral Club Show at the National Guard Armory, 1776 No. 10th.

Krejci, who has been hiding his masterful skill for "about 25 years" has unveiled his unusual lapidary shop of home-made items for the first time.

Krejci's vases are made from such materials as green onyx, brown onyx, pink rhodocrosite and green malachite.

His malachite vases caused one observer to recollect the exotic urns and decor in Maximillian's palace in Mexico.

The vases are made on a turning lathe. Krejci's home and each takes about



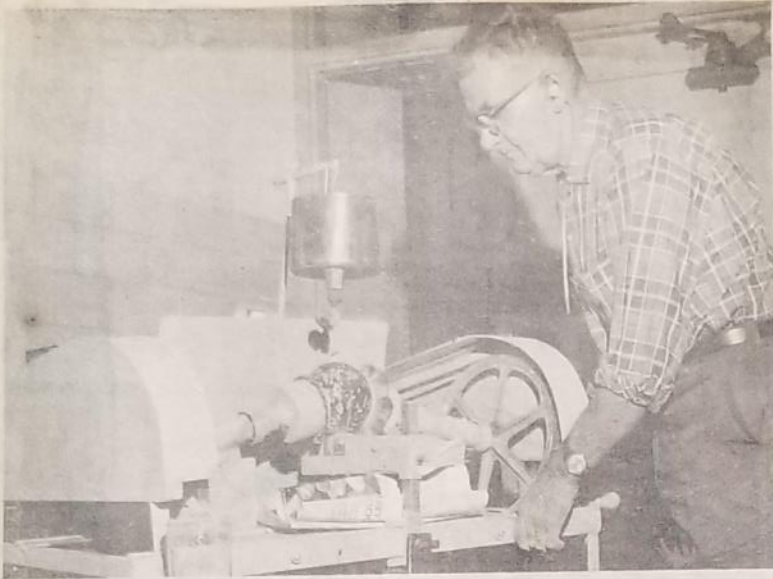
Krejci at work . . . faceting machine polishes gems.

two weeks of Krejci's spare time to complete.

With his hand-made faceting machine, he smooths and shapes a variety of ex-

pensive mineral gems.

Krejci's rock collection, in a variety of sizes and quality, filled eight large display boxes.



Fred H. Gudtner of Beatrice, operates a sphere machine which rounds rocks into ornamental objects. (SUN Photo by John Wehr)



Kimball, 9, (left) and Douglas Simon, 7, sons of Mr. and Mrs. Bruce Simon of 3922 So. 20th, hold large fossil ammonite shells found on a field trip to the South Dakota badlands. The boys showed the specimens at the Gem and Mineral club show. (SUN Staff Photo)

Thousands See Exhibits By Gem and Mineral Club

Thousands of Lincolniters attended the fifth annual Gem and Mineral club show Saturday and Sunday at the National Guard Armory, 1776 No. 10th.

More than 100 members of the Lincoln club, their families, and guest exhibitors from other parts of the state displayed rocks, gems and lapidary art at the largest show in the club's history.

A display, sponsored by the gem club, of fluorescent rocks illuminated by artificial light, has been called the largest of its kind in the Midwest.

Another feature of the show was a famous exhibit of Indian artifacts collected by Harvey and Harold Kenfield of Ogalalla.

A complete lapidary shop was in operation during show hours to exhibit the art of

sawing, cutting and polishing stones and gems.

A continuous showing of color slides was featured during show hours and individual collectors were on hand to explain their collections of gems, rocks and handmade jewelry.

President of the Gem and Mineral club is Mrs. Marie Carveth.

Friday, October 25, 1963—

Gem Club Plans Saturday Meet

The Lincoln Gem and Mineral Club will meet at 7:30 p.m. Saturday at the Robert's party room.

Mr. and Mrs. Guy Miller of Hastings will present the program.

HERE IN LINCOLN

Gem Mineral Club—Mr. and Mrs. Guy Miller of Hastings will present a program at the Lincoln Gem Mineral Club meeting Saturday at 7:30 p.m. at Roberts' party room.

Letters to the Editor:

Excellent Coverage

Lincoln
On behalf of the Lincoln Gem and Mineral club, and as president for 1963, I wish to express our appreciation for the excellent coverage before and during our recent show. Also the article in the following issues was very good.

Mrs. Marie Carveth

Wednesday, October 30, 1963—

Excellent Coverage

Lincoln — On behalf of The Lincoln Gem and Mineral Club I wish to express our appreciation for the excellent coverage you gave us before and during our recent show.

MRS. MARIE J. CARVETH
President

Beauty Found in Stones

Can Find Treasures

December 8, 1963

By PETE CZURA

Of all things in nature, none can surpass the wonderful beauty of stone.

It has an aura of timeless magic. And stones come in all shapes and curious designs, whittled by nature's timeless workers—wind, rain, storms and sun.

When fishing gets lean, or hunting success suddenly vanishes, why not spend some time in the leisurely pursuit of rock collecting?

It's not as dull as it may seem.

Prowling after rabbits or pheasants will take you onto paths which should lead you to some excellent sites containing a variety of rocks.

John A. Lewis of Lincoln, an instructor of the Lapidary class meeting each Monday evening at the Muni pool, says rock collecting has become an interesting hobby among sportsmen.

And best of all, he says, it need not be confined to men only, as the lady outdoorsmen come in with some fine rock finds.

Mr. and Mrs. Ray Smith of Lincoln go out every chance they get to add more interesting stones to their collection.

The Smiths are enrolled in the Lapidary class and turn their stone collection into a fine array of custom made jewelry.

Mrs. Ralph Ulrich of Lincoln, another rock collector, goes on the prowl for stones every opportunity she has.

Out of the crude, but handsome stones, she cre-



Lewis (left) and Smith check stones for mounting.

ates tie mounts, ring sets, western style tie slides and other jewelry.

Lewis says the rock hunters roam in rock piles at Crawford, searching the glacial drifts for petrified wood, agate, Jasper, and other stones.

Chalcedony, one of the rarer rocks, is found locally.

In Lancaster County, north of Ashland, local rock hounds can be seen sifting through abandoned or active gravel pits.

Scrounging in these pits, the rock collectors have a ball. But if anyone makes a discovery of new rocks,

trying to find out about the new rock hot spot is like finding out where the fish are biting from an old time angler.

Lime stone quarries near Holmesville and Wymore have produced some fine stones for the collectors heading into this region.

Fossils at Weeping Water is another favorite haunt of many local rock hounds.

Watching the Lapidary class transform crude rocks

into items of beauty is an education in itself.

First, they tumble the rocks to bring out a rich polished luster on the stone surface. Next, if the rock is a large one, they cut it into slabs or rough forms.

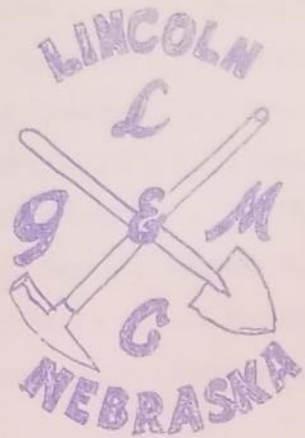
Using a template to mark out their design on the rock, the rock hounds then grind rock into shape and smooth it out. Finally, it is mounted into a proper setting befitting the beauty of the rock.



Applying the Final Touches

Mrs. Louise Baugher puts the final touches to a semi-precious stone as instructor John Lewis looks on. It was the last class of a lapidary course at the Muni pool building last week. The sessions are sponsored by the city recreation department. (Photo by John Wehr)

WHO'S WHO
AND WHERE



1964





Thursday, February 6, 1964

Lincoln Gem, Mineral Club Donates Display to Schools

The Lincoln Gem and Mineral club this week presented a \$225 display to the Lincoln public schools' audio visual education department.

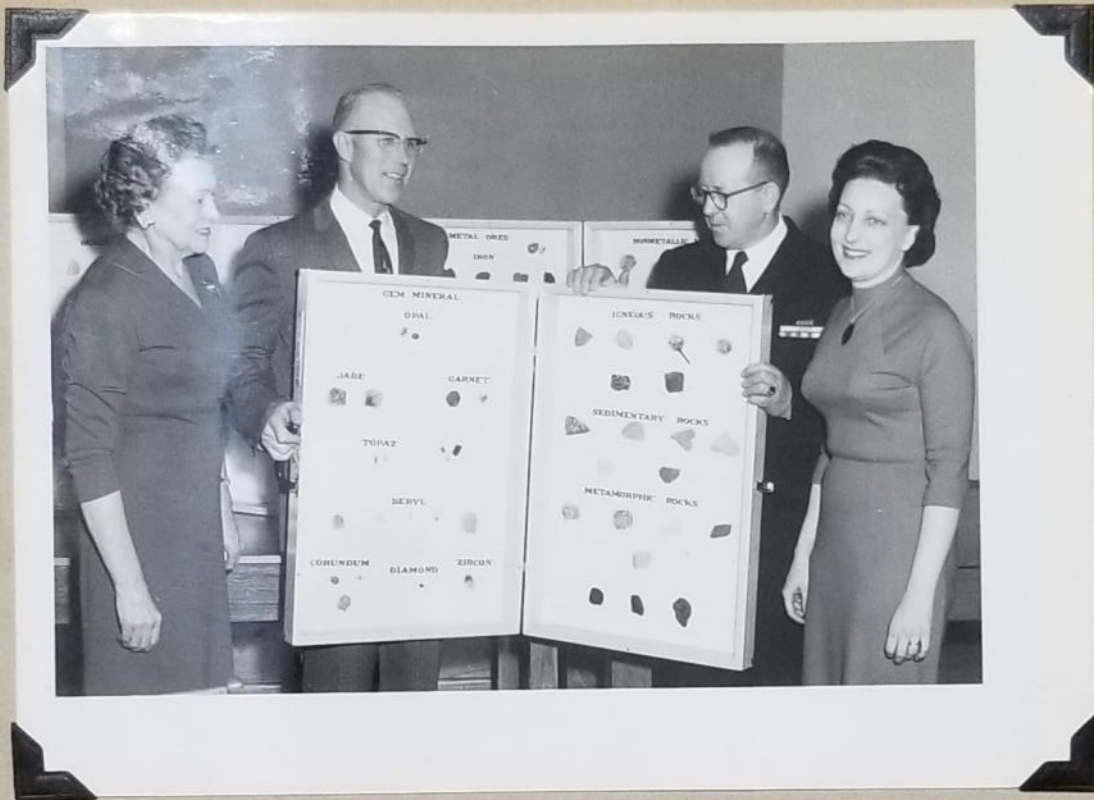
The display, four cases of gems and minerals, were presented to Dr. Steven Watkins, superintendent of schools, and Mrs. Ineze Hannan, coordinator of audio visual education,

during a meeting for Lincoln principals.

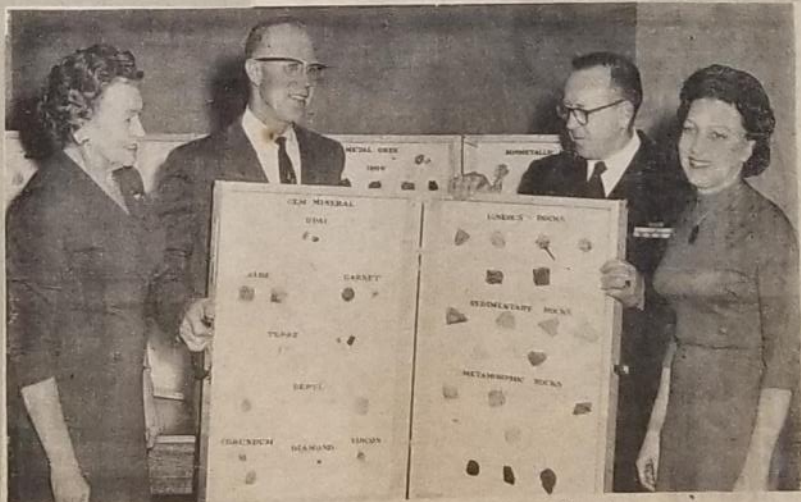
Coordinated with an eighth grade text book "Modern Earth Science," the display represents donations and purchases by members of the Gem and Mineral club.

Another display, in four glass-front cases, is available to elementary and parochial schools.

Presenting the collection to Dr. Watkins and Mrs. Hannan were Thomas A. Simmons, president of the club, and Mrs. Velma Bloyd of 2818 No. Cotner, whose husband built the display cases.



Thursday, February 13, 1964



Gem, Mineral Collection Given to Schools

Mrs. Ineze Hannan, coordinator of audio-visual education for Lincoln schools, and Dr. Steven Watkins, superintendent of schools, (left) accept a \$225 display from the Lincoln Gem and Mineral club. Presenting the collection to the schools, for eighth grade earth science studies, are Thomas A. Simmons, president of the Gem and Mineral club, and Mrs. Velma Bloyd of 2818 No. Cotner, whose husband built the display cases. (SUN Staff Photo)



Saturday, Sept. 5, 1964



Lapidary
Ten assorted Cabochons: 1st, Arthur Bloyd, Lincoln; 2nd, Velma W. Bloyd, Lincoln.
Jewelry, stones in commercial settings: 1st, Norman Engelhart, Lincoln; 2nd, Mrs. J. C. Everett, Lincoln.
Other uses of stones: 1st, Velma W. Bloyd; 2nd, Gary Everett, Lincoln.
Best in lapidary: Arthur W. Bloyd.

Thursday, September 10, 1964



Chris (left) and Clifford . . . Geodes (mudball crystals) uncovered 143 ft. below Illinois surface. (SUN Staff Photo).

Young Rockhounds Dig Vertically 143 Ft. for Illinois Minerals

Two young Lincoln boys have been aspiring rockhound experts from the time they were introduced to the earth science at age of five.

Chris Engelhart, 13, and Clifford Bloyd, 8, have been active members of the Lincoln Gem and Mineral club since they started school. Because the parents of both boys are rockhounds, the boys developed an avid interest.

Parents are Mr. and Mrs. Norman Engelhart, 4130 Withersbee, and Mr. and Mrs. Arthur Bloyd, 2818 No. Cotner blvd.

Both boys also took their first field trip at the age of five and can boast of many taken with their parents to Kansas, Missouri, South Dakota, Iowa and some Nebraska areas including Ft. Robinson, Wymore, Holmesville and Blue Springs. The family gem club requires that junior members, persons under 16 years of age, must have an adult sponsor accompany the junior member at all times on field trips.

Longest, Deepest

Chris and Clifford were the only junior members who participated in an early August field trip to Lauvoo, Ill. The five-day trip was the longest one taken by the boys. It also

involved one of the deepest probes.

Chris and Clifford explain that they, and 18 other club members who took the field trip, located a quarry with the help of a guide. When the quarry was found the youngsters worked with their parents digging for the minerals with picks, shovels and chisels. Chris and Clifford said they dug 143 ft vertically into the bowels of the earth to find minerals they sought. They also added that the temperature on the surface was 107 degrees at the time.

Approximately 15 different kinds of minerals were found on the trip which was held mainly to search for geodes (mudballs of various sizes with crystals in the center).

Power Lens Helps

After the boys found their mudballs they expertly broke them open in the center and used a magnifying glass to determine what type of mineral they'd uncovered.

The boys have become adept at identifying various gems and have learned procedures for determining a type of mineral.

Like all members of the club, Chris and Clifford must undertake a specific project

each year. Lapidary and growing crystals are the projects taken this year by Chris and Clifford, respectively. Results of the projects will be judged at the annual rock show to be held Sept. 26-27 under sponsorship of the Lincoln Gem and Mineral club.

Chris and Clifford spend about 28 hours each in readying rock specimens and setting up displays during the week before the show. Studious review of their respective projects is also needed before the show because the boys must be prepared to answer inquiries—some from professionals.

Enter Shows

In addition to the rock shows both boys have entered rock specimen in hobby shows and have periodically donated gems for display in public school mineral cases.

Chris and Clifford have extensive gem collections. Chris is especially interested in fossil wood and has an abundant amount of these. Clifford's special interest is iron pyrite and gold.

With the background and information these young boys have acquired they have the potential for being future earth scientists.

Saturday, Sept. 26, 1964

Today and Sunday, Sept. 26th & 27th
Lincoln Gem and Mineral Club
 6th annual show

150 cases of gems & minerals
 Complete Operating Lapidary Shop

Silversmith demonstrations
 Largest fluorescent Display
 in the midwest

FREE, 12 beautiful Handcrafted Door Prizes

NATIONAL GUARD ARMORY
 1776 No. 10th Sat. 10 a.m. to 9 p.m., Sun. 10 a.m. to 8 p.m.
 Adults 60c Children under 12 admitted free with an adult.

**LINCOLN GEM
 AND
 MINERAL CLUB**

6th ANNUAL SHOW
SPECIAL ATTRACTIONS

- OPAL — CRYSTALS — ARTIFACTS
From the Collection of William F. Sass
- HOUSE OF BLACK MAGIC
Largest Fluorescent Display in the Midwest
- SILVERSMITH — STEGMAN DEMONSTRATING
- COMPLETE OPERATING LAPIDARY SHOP
- 150 CASES OF GEMS AND MINERALS

FREE -- 12 Beautiful Handcrafted Door Prizes -- FREE

SEPTEMBER 26-27, 1964

NATIONAL GUARD ARMORY
 1776 No. 10th Street Lincoln, Nebraska
 Saturday — 10 a.m. to 9 p.m. Sunday — 10 a.m. to 8 p.m.
 Adults 60c
 Children Under 12 Admitted Free With an Adult



Thursday, Sept. 24, 1964

Mineral Show
Set Saturday

The 6th annual Lincoln Gem and Mineral Show will be held Saturday from 10 a.m. to 9 p.m. and Sunday from 10 a.m. to 8 p.m. at the National Guard Armory, 1776 No. 10th.

At the show there will be 150 cases of gems and minerals, a complete lapidary shop in operation, silversmith demonstrations, and the largest fluorescent display in the midwest.







Field
Trips





RARE FOSSIL REPTILE . . . excavated by Martin, left, and Eno for museum.

Find Rare Fossil Near Valparaiso

a reminder that Nebraska was once inundated by an ancient sea has come to Valparaiso residents this week as a rare fossil reptile is being excavated near the community.

Thanks to the work of the Lincoln Gem and Mineral Club, the University of Nebraska State Museum will receive the specimen for eventual display.

Dr. C. Bertrand Schultz, Museum director, described the 120-million-year-old fossil as a marine reptile with a body shaped like a turtle and a dinosaur-shaped head. Approximately nine feet of tail and paddle have been excavated and removed.

The 125-member Club is working in shifts near Oak Creek north of Valparaiso under the direction of university paleontologists. The fossil is embedded in a shale and limestone formation exposed by a cut in the creek bank.

Dr. Schultz explained that the reptile is a rare find and that it will be the first of its species to be displayed in the museum.

Larry Martin of Bartlett, an undergraduate zoology student and museum assistant, is directing the crew of the gem club members with the help of Gene Eno of Lincoln, field trip chairman of the club. Dr. Schultz and Lloyd Tanner, associate curator of vertebrate paleontology, are advising the group of diggers.

The fossil was discovered during a routine survey by Hal DeGraw, Nebraska Geological Survey, with Charles Osborne of the Bureau of Reclamation and Phil Emory of the United States Geological Survey.



Martin and Eno . . . excavate 120-million-year-old reptile for the State Museum.

Rare Fossil Reptile Found At Valparaiso

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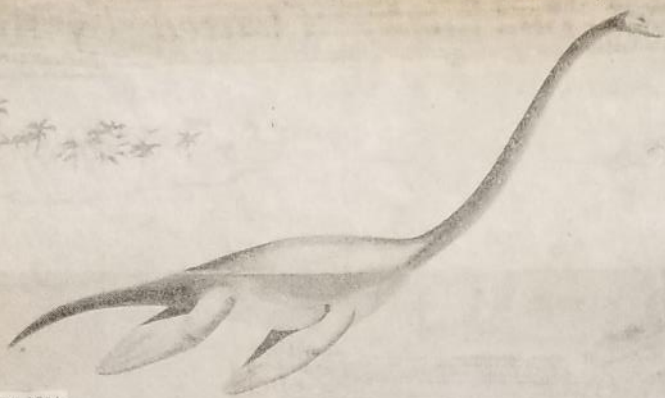
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during a routine survey by Hal DeGraw, Nebraska Geological Survey, with Charles Osborne of the Bureau of Reclamation and Phil Emory of the United States Geological Survey.

Tuesday, Nov. 24, 1964



Artist's drawing of a 120-million-year-old Plesiosaurus, former inhabitant of Nebraska.

Marine 'Beastie' Is Major Fossil

Museum Director Says Reptile State's First Complete Example

By HAROLD SIMMONS

Valparaiso — Millions of years ago, long before man inhabited what is now North America, a great inland sea stretched from the Gulf of Mexico to the Canadian border.

During the Cretaceous Period, beginning about 120 million years ago, this sea reached the Rocky Mountains on its western shore leaving the state of Nebraska almost completely under water.

Inhabiting the Nebraska area during this period were fish, sharks and other marine life and some reptiles. One of these reptiles was a Plesiosaurus which became adapted to water. It was a relative of the well-known dinosaur.

The complete fossil of one of these reptiles called sea serpents was found early this year on the Adolph Resak farm, three miles west and two and a quarter miles north of Valparaiso.

It was discovered by Hal De Graw, Nebraska Geological Survey, Charles Osborne, Bureau of Reclamation, and Phil Emory, U.S. Geological Survey, while examining the banks of Oak Creek to determine soil strata for field analysis.

'Turtle-Snake'

Dr. C. Bertrand Schultz, director of the University of Nebraska State Museum, described the 120-million-year-old reptile as "looking like a turtle with a snake running through it."

He said the animal was about 40 feet long, and half of its length was taken up by its neck. He said its body was rather wide, thereby giving the appearance of a turtle with an extremely long neck. Attached to its tail was a flipper, similar to that of a seal.

Dr. Schultz said the reptile's ancestors were originally land animals that had been forced into the sea because of overcrowding on land. This happened to many animals at this time, he said, and some developed into our present day birds.

This is the first complete skeleton of a Plesiosaurus to be found in Nebraska. Dr. Schultz said they have been found in Kansas, but not in Nebraska because they are covered too deeply with soil and other debris.

About 10 years ago a piece of what was determined to be a Plesiosaurus was found near Garland at the Greenhorn Limestone Co. quarry.

Such fossils as fish, shark teeth and leaves have also been found in the state. Leaves from tropical or semi-tropical trees have been found near Pioneers Park and the State Penitentiary and a dinosaur was found near Omaha.

Dr. Schultz said the skull of the reptile would be removed Tuesday afternoon. With its removal, they will have a skeleton about 36 to 38 feet long. This will end the excavations for this year probably to resume next spring.

Commending the Lincoln Gem and Mineral Club for their work in excavating the reptile, Dr. Schultz said, "Without their help, I don't know how we would ever have been able to remove the skeleton."

"Those people were wonderful," he said. "And Mr. Resak has been more than helpful."

Dr. Schultz said they removed the skeleton by covering sections with plaster of paris and lifting it free of the surrounding rock.

He said they would display the serpent sometime in the future, after preparation and mounting work has been completed.

However, since they do not have an area large enough to mount and display the entire animal, Dr. Schultz said it would be mounted in sections.

'Pet' Plesiosaurus Tough to Budge From Valparaiso Farm

By Tom Allan
World-Herald Staff Member.

Valparaiso, Neb.—Plesy, a 41-foot, 25-ton "sea monster" and a pet of the children of Mr. and Mrs. Adolph Rezak, was still sitting pretty on their farm five miles northwest of town Tuesday night.

Final efforts to budge him before nightfall had failed, to the delight of David, 13, and the twins, Karen and Kathy, 10, and all the rest of the neighborhood kids, including the 10 pupils at near-by Oak Ridge School.

But a couple of days more won't matter.

Plesy, more scientifically known as Plesiosaurus, has been sitting on the bank of what is now known as Oak Creek for 120 million years.

Although an adopted pet of the Rezak children, Plesy, as they call him, is a major and rare fossil find, according to Dr. C. Bertrand Schultz, director of the University of Nebraska State Museum. He said it was the first complete skeleton of a Plesiosaurus found in Nebraska.

"And it is in a remarkable excellent condition," he said.

The fossil was one of the monsters that inhabited the huge tropical sea that covered Nebraska in the Cretaceous Age.

Some call it a giant sea serpent. Dr. Schultz described it as a marine reptile with a body shaped like a turtle without the shell



Martin shellacs sea monster's head to help preserve it after 120 million years . . . It once looked like drawing (inset).

and with a small dinosaur head at the end of a long neck. It had a stubby tail and propelled itself by four large flippers about six feet long. A feature of the comparatively small head were rows of sharp interlocking upper and lower teeth.

The "monster" will be displayed after its reconstruction at the University of Nebraska State Museum.

If the specimen is rare, its discovery and excavation was extraordinary.

A geological party literally sat on it. Professionals directed the digging but enthusiastic amateurs provided the muscle. Even newsmen helped at odd jobs around the site Tuesday in an attempt to hasten the job.

A year ago, Hal De Graw of the Nebraska Geological Survey, Charles Osborne of the Bureau of Reclamation and Phil Emory of the United States Geological Survey were following Oak Creek looking for rock formations.

"We sat down to rest on the bank where the creek had cut it away," Hal said Tuesday. "Phil idly picked up a piece from the exposed shale and was about to toss it away when we discovered it was a piece of vertebrae."

Their find was reported

to the museum. But the museum was without extra funds to excavate.

The Lincoln Gem and Mineral Club, Inc., stepped in with an offer to provide labor if the university provided supervision.

Gene Eno, club field trip chairman, said club members began digging October 24 under the watchful eye of Dr. Schultz, Lloyd Tanner, his assistant, and Larry Martin of Bartlett, an undergraduate student.

It also was quite a show, Mrs. Dorothy Egelhart, club secretary, said there were several hundred registered visitors.

Tuesday afternoon was supposed to be the climax, the unearthing and removal of the 24-inch-long head and part of the neck. But the diggers had to start chiseling as the shale became harder. One by one onlookers departed as darkness came.

Finally Larry, Gene and Hal, who had been in on the find and wanted to be on hand for the climax, had to give up. The three-hundred-pound head and part of the neck still couldn't be bugged.

Mr. and Mrs. Rezak, who donated the find to the museum and who have been delighted by "all the company" said they will be al-

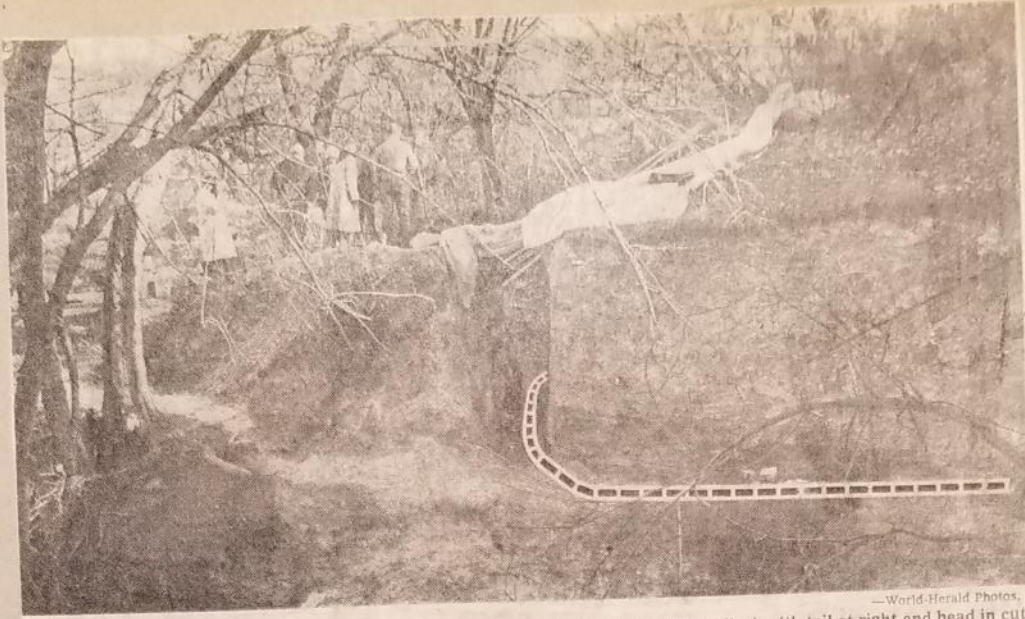


What big teeth you had, Plesy! . . . Leona, nine, and Gary Benes, six.

most as sorry as the children to see Plesy leave.

Earlier Tuesday, Mr. Rezak had an agricultural census taker call at his home

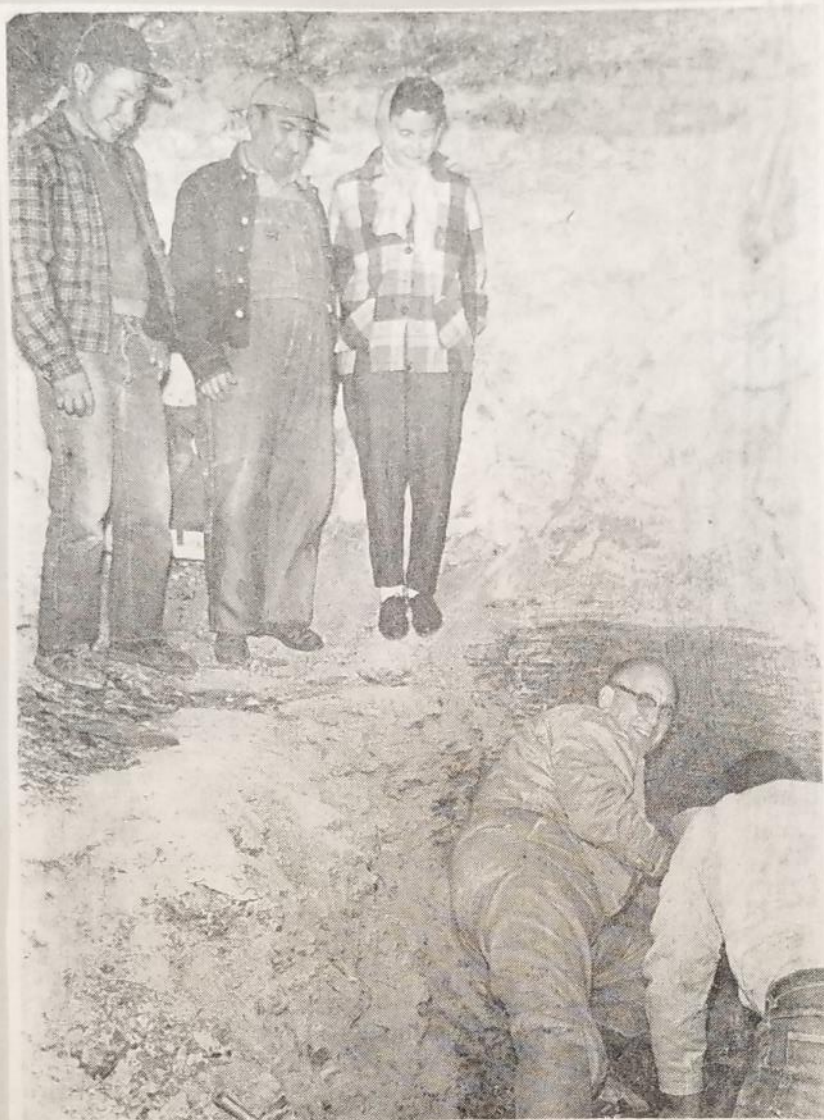
For a moment he pondered whether to add to the list of his acres, cattle, hogs, chickens another item—one each Plesiosaurus, 40 feet long.



—World-Herald Photos.
Digging site on Oak Creek . . . Monster's 40-foot body uncovered along bank (dotted line) with tail at right and head in cut at left.



Dr. Schultz (left) . . . shows DeGraw and Mrs. Helen Miller monster's picture.



Mr. and Mrs. Rezac and oldest son, Gene . . . watch diggers at work on family pet.

Joint Effort Unearths Giant Sea Fossil

NOVEMBER 25, 1964

By BOB SCHREPF
Star Staff Writer

A 120-million-year-old fossil, described as a marine reptile with a body shaped like a turtle and a dinosaur-shaped head, has been unearthed at the Adolph Resak farm northwest of Valparaiso.

The skull and a portion of the twenty-foot neck of the sea serpent were uncovered Tuesday afternoon bringing a joint effort by University of Nebraska scientists and the Lincoln Gem and Mineral Club near an end.

The workers encountered some hard shale late Tuesday afternoon and were forced to put off completion of the task until later, probably Saturday.

Dr. C. Bertrand Schultz, director of the University of Nebraska State Museum, identified the fossil as a plesiosaurus, a strictly marine specimen that lived during the Cretaceous period, during which Nebraska was inundated by a shallow sea.

Excellent Find

Dr. Schultz termed the discovery "an excellent find".

"We have been trying to find a plesiosaur for many years. We are very happy," he said.

The giant serpent fossil measures almost forty feet in length, and it could have weighed as much as twenty tons when alive, Dr. Schultz observed. He noted that although the plesiosaur was related to dinosaurs, it also is related to snakes that inhabit the earth today. The serpent assumed its marine habitat when it was forced from land areas because of an "animal population explosion".

Discovery of the fossil was made last fall during a routine survey by Hal DeGraw of the Nebraska Geological Survey, along with Charles Osborne of the Bureau of



STAR PHOTO

DR. SCHULTZ . . . inspects head of unearthed plesiosaurus.

Reclamation and Phil Emory of the United States Geological Survey.

After initial digging, university scientists and other volunteers found that the fossil extended back into the creek bank more than forty feet.

It is estimated that at least twenty tons of earth was removed from the site, much of it excavated with a tractor driven by farm owner Resak's son, Gene.

Dr. Schultz said that this was an unusual discovery for Nebraska, because the fossil was so complete. The skull, vertebral column and one of the four "flippers" have been uncovered so far, he said.

Plesiosaur fossils have been found in Kansas, according to the nationally-recognized paleontologist, but the only evidence found in Nebraska until now was part of a fossil discovered at the Greenhorn Limestone Quarry at Garland, about ten years ago.

Museum personnel give the Lincoln Gem and Mineral Club much of the credit for removing the huge fossil from its bucolic graveyard. Faced with a shortage of time and funds, university scientists could not go ahead with the project until the Lincoln group enthusiastically volunteered its efforts.

"If it hadn't been for them,

the fossil would still be in the ground," Dr. Schultz said.

The club's field project chairman, Gene Eno, said that club members, the university and the Resak family together put in more than one thousand man-hours on the project. Much of the supervisory work was done by Larry Martin, University of Nebraska undergraduate student from Bartlett.

Dr. Schultz said that the plesiosaur will be fully restored and put on display in Nebraska's world-famous museum.

Thursday, Nov. 26, 1964

Plesie Is Free At Long Last

Valparaiso — Intensely and painstakingly the last piece of "Plesie" was lifted from his nearly 20-million-year-old bed deep in the banks of Oak Creek Wednesday and transported to the University of Nebraska State Museum.

It took six men to lift the 400-pound fossil from his grave. Members of the State Museum staff and the Lincoln Gem and Mineral Club had worked long into the night Tuesday trying to complete excavation but found the fossil embedded too tightly making it necessary to return Wednesday.

The 40-foot Plesiosaurus fossil dating back to the Cretaceous Period had been discovered about a year ago by Hal DeGraw, a conservation survey worker, and two colleagues, Phil Emory and Charlie Osborn. It was found on the Adolph Resak farm near here.

Perforation of the fossil will begin immediately at the museum. The plaster cast molded over the bones before removal from the earth will be removed and the bones will be cleaned and shellacked for a lasting protective covering.

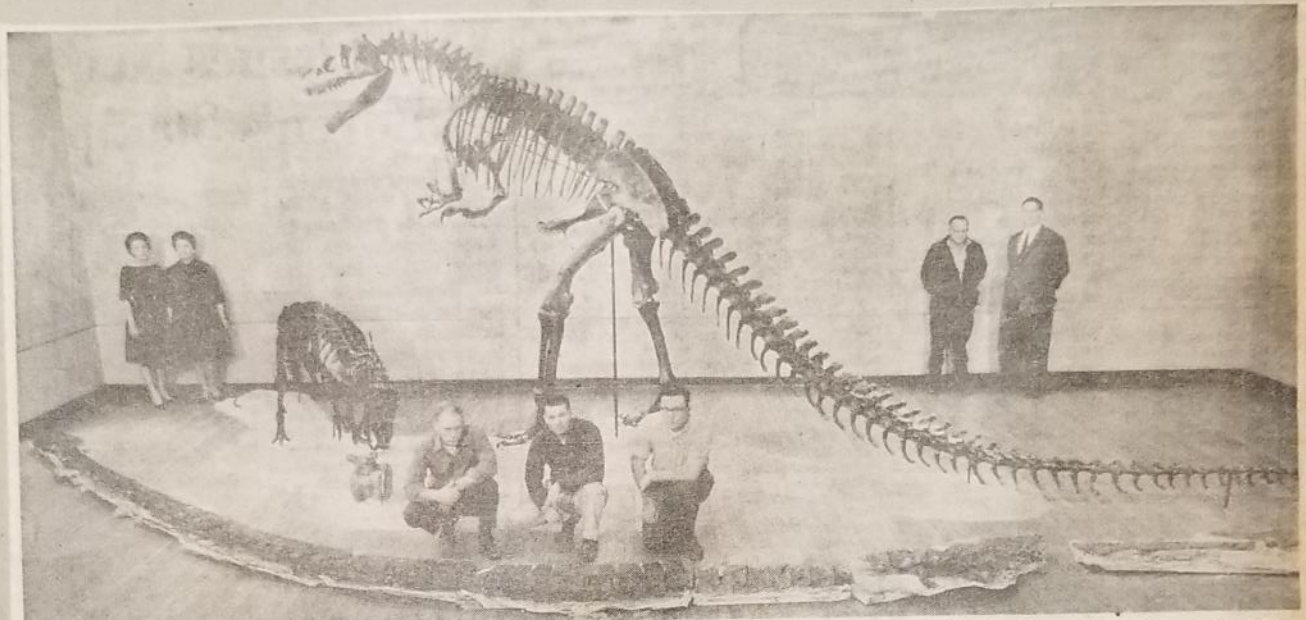
Valparaisans' Fossil May Bear Their Name

A Valparaiso farm family may have a 120-million year old fossil sea serpent named after them.

University of Nebraska scientists said that the 400-foot long fossil recently found on a farm near Valparaiso probably is the first of its species ever found.

If it is a new species, Dr. C. Bertrand Schultz, Director of the University's State Museum, said he will propose that the species be named "Rezak," after the Rezak family on whose property the fossil was excavated.

University scientists, under the direction of Dr. Schultz, are working to determine its genus and species. It already has been determined that the animal is a member of the Plesiosauria sub-order of the Reptile class.



The sea serpent (foreground) is partially mounted, the other two fossils are dinosaurs. Those most responsible for the work are (from left) Velma Boyd and Dorothy Englehart, Lincoln; Ivan Burr, Don and Larry Martin, University preparators, Norman Engelhart and Gene Eno, Lincoln.

Sea Serpent Goes On Display Today

A number of special exhibits will be open to sightseers on the University of Nebraska campus during the days preceding and following Christmas and New Years.

For the first time Sunday, the recently excavated 40-foot sea serpent discovered at Valparaiso, will be placed on display for the public at the University of Nebraska State Museum.

The 120-million-year-old fossil is mounted with two dinosaurs on the second floor of the museum. The hours: 1:30 to 5 p.m. Sunday; 8 a.m. to 5 p.m. Tuesday through Saturday, with the exception of Christmas and New Years.







UNIVERSITY OF NEBRASKA NEWS SERVICE

DEPARTMENT OF PUBLIC RELATIONS
312 ADMINISTRATION BUILDING, CITY CAMPUS, LINCOLN

IMMEDIATELY

FOR RELEASE

FACT SHEET FOR NEWSMEN COVERING EXCAVATION OF FOSSIL NEAR
VALPARAISO, 2 P. M. TUESDAY, NOVEMBER 24, 1964.

You are at the farm of Adolph Resak, 3 miles west and 2½ miles north of Valparaiso. Mr. Resak has been of great help to University scientists in their efforts to excavate the fossil. He has taken a personal interest in the work, and has donated the use of his tractor and other equipment.

The fossil, known to scientists as a plesiosaur (related to dinosaurs) was discovered earlier this year in a formation exposed by the cutting action of Oak Creek. It was first seen during a routine survey by Hal DeGraw of the Nebraska Geological Survey, along with Charles Osborne of the Bureau of Reclamation and Phil Emory of the United States Geological Survey.

Dr. C. Bertrand Schultz, director of the University of Nebraska State Museum, describes the 120-million-year-old fossil as a marine reptile with a body shaped like a turtle and a dinosaur-shaped head. The fossil is approximately 40 feet long, considerably larger than was originally estimated when excavation began. You will see the last of the specimen exposed today.

A good deal of the work of excavation has been done by members of the Lincoln Gem and Mineral Club under the direction of University scientists. The 125-member Club, headed by Gene Eno of Lincoln, has worked in shifts to remove the earth over and around the fossil.

Scientists determine the serpent's age on the basis of the known age of the shale and limestone matrix which surrounds the fossil. It lived in Nebraska at a time when the state was inundated by a great sea.

The procedure used to excavate the fossil involves the use of plaster casting for support. Sections of the serpent's vertebrae were covered with plaster of paris and lifted free of the surrounding rock. You will watch the skull being removed in much the same way this afternoon.

The University of Nebraska State Museum will display the creature sometime in the future, after preparation and mounting work has been completed. Dr. C. Bertrand Schultz and Lloyd Tanner, both University paleontologists, will be happy to answer your questions.

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UNIVERSITY OF NEBRASKA NEWS SERVICE

DEPARTMENT OF PUBLIC RELATIONS
312 ADMINISTRATION BUILDING, CITY CAMPUS, LINCOLN

FOR RELEASE

ATTENTION NEWS EDITORS:

Because of the continuing demand of newsmen to follow up on University of Nebraska scientists' work on the 40-foot, fossil sea serpent discovered and excavated near Valparaiso, a news conference will be held on the third floor of Nebraska Hall (the old Elgin Building) at 10 a.m. Tuesday, December 8. Use the west entrance for convenience.

The fossil will be laid out in its full extremity on 10-foot tables in a well-lighted laboratory. Most casts will be removed from the specimen and if all goes according to schedule, the cast and hard rock matrix around the skull will be removed by 10 a.m. Tuesday morning. Good photographs can be taken at that time. Dr. C. Bertrand Schultz, director of the University of Nebraska State Museum, and Lloyd Tanner, vertebrate paleontologist, will be present to answer your questions.

The members of the Lincoln Gem and Mineral Club are continuing to help University preparators in the laboratory. Dr. Schultz has complimented them on the patience and care they have shown and for the many hours they have spent helping, including weekends.

The University scientists are continuing their work in an attempt to further identify the fossil through comparative techniques and to establish its exact position in the geological record. It was known almost immediately upon discovery that it belonged to the great Plesiosauria sub-order of reptiles that lived in Cretaceous seas about 120 million years ago. It has further been identified as follows:

Kingdom.....Animalia
Phylum.....Chordata
Sub-phylum.....Vertebrata
Class.....Reptilia
Order.....Sauropterygia
Sub-order.....Plesiosauria
Family.....Elasmosauridae
Genus.....(to be determined)
Species.....(to be determined)

It is of some interest that if the fossil turns out to be the first of its species found--and it appears likely--Dr. Schultz will propose that it be given the name rezaci, after the Rezak family, on whose farm the serpent was found. This follows a tradition many scientists follow in giving species names to newly discovered life forms.

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December 15, 1964

Be it hereby known that on this date The University of Nebraska State Museum received as a permanent donation from the Lincoln Gem and Mineral Club* of Lincoln, Nebraska, the following specimens from the farm of Adolph Rezac, Valparaiso, Nebraska:

One fossil specimen of Plesiosaur, articulated in matrix less ribs, two paddles, and gizzard stones.

One jaw bone, unclassified, in matrix

One tail section of fish, Cretaceous age, articulated in matrix

Assorted unidentified bones, Cretaceous age with & without matrix

UNIVERSITY OF NEBRASKA STATE MUSEUM

By *Bertrand Schultz*

*The specimens were collected and prepared as a Club project in cooperation with the Division of Vertebrate Paleontology, University of Nebraska State Museum.



From the University of Nebraska State Museum, 14th and U Streets

Number 27

March, 1965

THE STORY OF A NEBRASKA SEA SERPENT



Fig. 1. Restoration of a plesiosaur. (Reproduced from LeConte's "Geology," D. Appleton and Company.) The skeleton from Nebraska had a proportionately longer neck.

An unusual skeleton of a 41-foot long plesiosaur, a Cretaceous marine reptile, has been added to the Museum's extensive fossil exhibits. The specimen was collected near Valparaiso in Saunders County only about 22 miles north and west of Lincoln. It was preserved in the Graneros (lower Colorado Group) shales, which date back in geologic time some 120 million years. This is the only skeleton of a plesiosaur so far found in the state although portions of a disarticulated skeleton were found in a Greenhorn Limestone Company quarry near Garland in Seward County in 1955. The Garland locality of somewhat later age is about ten miles from the site of the new discovery.

The Valparaiso skeleton, with skull and jaws attached, was found articulated and the vertebral column was complete from the first neck vertebra to the tip of the tail. Unfortunately recent erosion by a small branch of North Oak Creek eroded away portions of a few of the vertebrae, the ribs, and two of the four paddles. The skeleton in general, however, is in an excellent state of preservation.

The acquisition of the plesiosaur is an excellent example of cooperative effort on the part of various people representing a number of organizations. The skeleton was first discovered on the farm of Adolph Rezac in the spring of 1964 by Mr. Hal DeGraw of the Nebraska Geological Survey, University of Nebraska, Mr. Charles Osborn of the Bureau of Reclamation,

and Mr. Phil Emory of the United States Geological Survey. These three geologists were examining the Cretaceous shale and limestone deposits along North Oak Creek valley when a few of the vertebrae and portions of two of the paddles were found exposed in a creek bank. The find was reported to the Museum but excavations could not be started because of lack of funds. It was not until November that the specimen was again called to the attention of the Director of the Museum by members of the Lincoln Gem and Mineral Club who offered to aid in the recovery of the fossils if the Museum would supply supervisory help. The site of the discovery was revisited and it was decided to undertake the project even though it was late in the fall. Museum staff members Lloyd G. Tanner, C. Robert Eisele, Larry Martin, and C. Bertrand Schultz were responsible for the supervision of the work and 22 members of the Lincoln Gem and Mineral Club helped in the excavating and preservation of the plesiosaur skeleton. Mr. Adolph Rezac and his family aided in many ways and also allowed unlimited access to the site by visitors as well as the excavators. Mr. and Mrs. Walter Behlen of Columbus, Nebraska, furnished funds which were used for miscellaneous expenses. Financial contributions also came from the Lincoln Gem and Mineral Club.

The weather remained mild during the field work, although the temperatures did get as low as 6° above zero at one time. A wooden structure covered with plastic sheeting was built over the fossil quarry for protection against the weather, and buckets of hot coals were brought into the excavation area so that the temperature could be raised enough to carry on work in a satisfactory manner. The temperature of the bone slabs had to be above freezing so that the plaster of Paris, which was used in the casting of the field blocks, would set properly. The last of the skeleton, which included a section of the neck vertebrae attached to the skull and jaws, was removed on November 25, the day before Thanksgiving.

The fossils from the plesiosaur quarry near Valparaiso were taken to the Museum's preparation laboratory on the third floor of Nebraska Hall, and the work of getting the specimen ready for exhibit was started at once. The preparation was carried on by volunteers from the Lincoln Gem and Mineral Club under the direction of Museum preparators Ivan



Fig. 2. Workers uncovering some of the articulated vertebrae of the plesiosaur at the quarry site on the Adolph Rezac farm in Saunders County.

Burr and Don Martin. It was decided to expose only the top side of the bones and leave the specimen in the field casts exactly as it was found. The skeleton was prepared in record time (five weeks), and a large portion of it was installed in a temporary display with two dinosaur (*Allosaurus*) skeletons in Gallery A on the third floor of the Museum.

Plesiosaurs, of the type found near Valparaiso, were reptiles which were well adapted to a marine habitat. They had a broad, flat body with a long neck and short tail. The pelvic and shoulder girdles as well as the limbs were modified for an aquatic life and long, paddle-like structures were developed for swimming. The articulations for the limbs indicate that the animal had unusually powerful muscles and apparently could swim backward as well as forward. The four paddles were like huge oars and the giant plesiosaurs literally rowed along rather than swimming like a fish. The long-necked plesiosaurs are usually classified as elasmosaurs and the short-necked forms are called pliosaurs. The skeleton from Saunders County had a neck about twenty feet long and would therefore be considered an elasmosaur.

The exact identity of the Saunders County plesiosaur has not been determined but it does appear to be similar to a skeleton of *Thalassomedon hanningtoni* described by a University of California specialist on plesiosaurs, Dr. Samuel Welles. This specimen was found in the Graneros shales of Baca County, Colorado, and is on exhibit at the Denver Museum of Natural History. Dr. Welles plans to come to the University of Nebraska State Museum to study the newly discovered Nebraska plesiosaur.

Parts of the giant fossil marine fish, *Portheus*, including a tail, miscellaneous vertebrae, and jaws, were found in the Saunders County plesiosaur quarry. The evidence obtained would indicate that some of the *Portheus* bones obtained belonged to a fish that measured some 12 to 14 feet long. For comparison, the Museum has on exhibit a complete skeleton of *Portheus* (measuring 12 feet six inches in length) from the Cretaceous of Kansas. These giant fossil fish are close relatives of the living tarpons and also of the

herring, salmon, and trout. A number of fossil shark teeth and parts of another plesiosaur also were recovered in the Valparaiso plesiosaur quarry.

The newspapers, radio, television, and other news media gave the story of the plesiosaur find a large amount of publicity. The visitor population to the Museum increased noticeably, which led to the decision to prepare the specimen for exhibit as quickly as possible. Finding evidence of a "sea serpent" in the plains of Nebraska undoubtedly incited the imagination of many of the people of the region. There has been a tremendous amount of interest shown in the specimen.

For more than 100 years the region which is now Nebraska has been a famous collecting ground for fossil mammals, but few important fossil reptilian bones have been reported. Up until the present time only one dinosaurian bone has been reported from the entire state. This bone is the distal end of a well preserved femur of a trachodont or "duck-billed" dinosaur from the Dakota Sandstone (Cretaceous age) two miles south of Decatur, Burt County, near the Missouri River in eastern Nebraska. Dr. Erwin H. Barbour, former Director of the Museum, reported this discovery in 1931. There is a good reason for the absence of dinosaurian bones in Nebraska because of the scarcity of geological outcrops which might contain fossils of these reptiles. During the latter part of the Mesozoic ("Age of Dinosaurs") a great inland sea stretched over much of the Great Plains region from what is now the Gulf of Mexico to Southern Canada. It was in this tropical sea that the plesiosaurs, mosasaurs, fish, sharks, and other marine animals lived



Fig. 3. Preparation of the plesiosaur bones was carried on in the laboratory by volunteer workers and Museum staff members. The plaster of Paris field jacket was removed from the upper portion of the bones and then the specimens were cleaned and preserved with shellac.

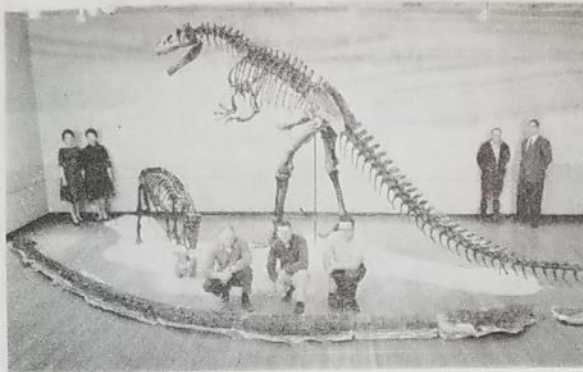


Fig. 4. Plesiosaur skeleton (on floor in foreground) being installed in a temporary exhibit in Museum. Three Museum preparators in foreground and four volunteers from Lincoln Gem and Mineral Club standing in background to provide scale for exhibit. The two mounted dinosaur (Allosaurus) skeletons are from the Jurassic of Utah and were donated to the Museum by Mr. and Mrs. Walter Behlen of Columbus, Nebraska.

in abundance. The sea stretched across all of Nebraska except for a few places in the easternmost part of the State. Many deposits of fossil oyster shells (*Ostrea*) and other marine invertebrate remains also are to be found in Cretaceous shales and limestones.

A "Hall of Dinosaurs" is being planned for the Museum in order to show the great diversity of animals which lived during the "Age of Dinosaurs." It is hoped that private or state funds for such an educational extension of the Museum's exhibits can be made available in the near future. This will allow the various scattered exhibits of Mesozoic life in the Museum to be displayed in one hall. Many other specimens now in storage also could be shown.

THE LAST NICHE IN ELEPHANT HALL

Elephant Hall has a newcomer and as a result the last niche or exhibit case has been filled. The mounted skeleton of a fossil mastodont (primitive proboscidean) has just been installed in the Museum's world famous Hall. The specimen was found in lower Pliocene sands two and one-half miles south of Red Cloud, Webster County, Nebraska.

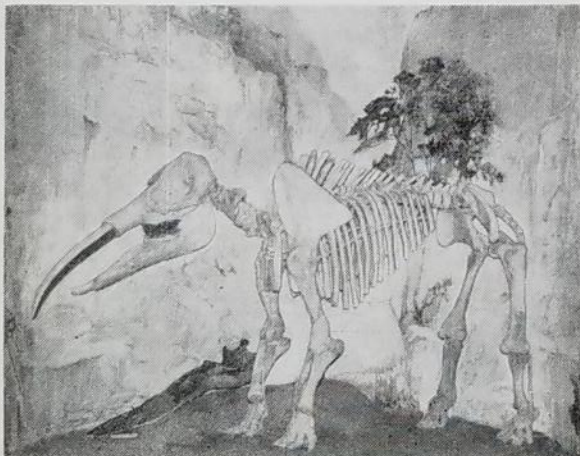


Fig. 5. The new, four-tusked, long-jawed mastodont from Webster County, Nebraska, now on display in Elephant Hall.

Selected References

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- Welles, S. P. 1952. A Review of the North American Cretaceous Elasmosaurs. University of California Publications in Geological Sciences, Vol. 29, No. 3, p. 47-144, Figs. 1-25.

C. BERTRAND SCHULTZ
Director of the Museum
and Professor of Geology

Lincoln Gem and Mineral Club Members Who Aided in the Plesiosaur Project

Mr. Thomas Simmons was President of the Lincoln Gem and Mineral Club during the time the plesiosaur skeleton was excavated and prepared; Mr. Gene Eno was Field Trip Chairman for the Club; and Mrs. Velma Boyd was Supervisor of the Club members who worked on the project. The following members of the Club contributed time to the "plesiosaur project" as it was called (names listed in order of the amount of time spent): Mr. and Mrs. Norman Engelhart, Mr. and Mrs. Ralph Ulrich, Mr. and Mrs. James Parks, Mr. and Mrs. Clyde Miller, Mrs. Norma Miller, Mr. Ray Sincebaugh, Mrs. Marjory Heedick, Mr. C. Ray Waddel, Mr. Roger Pabian, Miss Joan Baugher, Mr. Larry Pope, Mr. Glen Lyman, Miss Miriam Forbes, and Mr. and Mrs. Maurice Tracy.

The new mastodont display adds another chapter to the story of the mastodonts and elephants (advanced proboscideans) in North America. The four-tusked, long-jawed mastodont in the exhibit represents the first type of proboscidean that migrated to the Great Plains region from Asia some 8,000,000 years ago.

There are now five mounted mastodont skeletons, representing different stages of evolutionary development, on the west side of Elephant Hall. Four of these are from Nebraska. On the east side are five mounted elephant skeletons, including the world's largest elephant, *Mammuthus (Archidiskodon) maibeni*, from the Late Pleistocene of Nebraska. A Woolly Mammoth, *Mammuthus primigenius*, is also represented, and one Recent African and two Asian elephant skeletons. At the south end of the Hall are two life-like mounts of Recent African elephants. In addition to these exhibits the teeth of mastodonts and mammoths from 88 of the 93 counties in Nebraska are shown. At the north entrance to Elephant Hall are four small exhibit cases. These contain fossil and modern ivory, and specimens of ancestral mastodonts from Africa which date back some 30,000,000 years in geologic time.

The first evidence of the new mastodont skeleton was found in 1959 by Mr. Delbert Lewis as he was

NU DISPLAYS HIS OLD BONES

Pony-Sized Rhino Used to Romp in Huskerland

The skeleton of a rhinoceros which roamed Nebraska 12 to 14 million years ago will be on exhibit for the first time at the University of Nebraska State Museum's display at the State Fair.

A University field group uncovered the ancient fossil in the Agate Springs Quarries in western Nebraska. The animal was about the size of a Shetland pony, considerably smaller than horned rhinoceroses which are known to have roamed Nebraska, according to Lloyd Tanner, associate curator at the Museum.

After the State Fair, the

skeleton will be mounted and placed on display in the Museum. Another rhinoceros skeleton is now on display at the Trail Side Museum in A Fort Robinson.

The only specimen of the wolverine ever found in Nebraska also will be on display. The wolverine was found in Scotts Bluff County in 1886. It was about the size of a large dog and was termed by trappers as "invulnerable to powder and ball."

The displays which will represent divisions of the University of Nebraska State Museum will include

an exhibit showing the evolution of the bison showing changes in the size and shape of the horns over thousands of years.

A large plesiosaur (related to dinosaurs) which was discovered last year near Valparaiso also will be on display.

The 120-million-year-old fossil was a marine reptile with a body shaped like a turtle and a dinosaur shaped head. The fossil is approximately 40 feet long. A good deal of the work of excavation was done by members of the Lincoln Gem and Mineral Club under the direction of University scientists.

Other displays will include:

—The culture of Samoa including garments, bead work, carvings, weapons and cloth.

—Two mineral displays

showing colorful varieties and forms of crystal as well as minerals used in industry and how they are utilized.

—An exhibit of unique fossil sea shells found in the Great Plains area.



Don Martin of NU Museum staff places a rib in rhinoceros skeleton, completing the display.

Sea Serpent 'Stones' Displayed At University's State Museum

October 17, 1965

Scientists at the University of Nebraska State Museum are studying a number of small stones believed to have been a part of the digestive system of a 120-million-year-old plesiosaur (sea serpent) found last year on the Adolph Resac farm north of Valparaiso.

Known as gastroliths, the stones were found on a routine field trip to the site by vertebrate paleontology students of Dr. C. Bertrand Schultz, professor of geology and museum director.

Dr. Schultz and the students were visiting the site where the bones of the 40-foot sea serpent were excavated when the small "gizzard" stones were observed.

Picked Up Stones

Scientists believe that plesiosaurs, as well as other reptiles, picked up stones on land surfaces much like the habit of modern chickens, which are themselves closely related to dinosaurs and other reptiles in the evolutionary line of development.

Dr. Samuel Treves, chairman of the department of geology, said the find was of particular importance since further study of the stones might give scientists an idea of just where the plesiosaur roamed. Preliminary investigations reveal that the serpent may have picked up some of the stones in what is now South Dakota or Minnesota at a time when the interior of the United States was inundated by an extension of the Gulf of Mexico.



Karen Kreycik, a graduate paleontology student from Wood Lake, and the gastroliths.

Both the sea serpent and the associated gastroliths were excavated and prepared for display through a grant by Mr. and Mrs. Walter Behlen of Columbus and the assistance of the Lincoln Gem and Mineral Club.

Dr. Schultz said museum visitors may see still other gastroliths, found in Kansas a number of years ago, in the reptile section of the museum on the first floor.

Museum hours are Sundays 1:30 to 5 p.m. and Monday through Saturday 8 a.m. to 5 p.m.

WHO'S WHO
AND WHERE



LINCOLN
NEBRASKA
1965

HERE IN LINCOLN

Regular Meet Planned—The Lincoln Gem and Mineral Club, Inc., will hear John Boellstorff speak on the general geology of the Taseriaq area in Southwest Greenland Saturday at the Roberts Dairy party room at the regular monthly meeting.

Friday, March 26, 1965—P.M.

**Greenland Topic
For Gem Club**

John Boellstorff of Western Laboratories will speak on geology of the Tazersiaz area in Greenland at the Lincoln Gem and Mineral Club meeting Saturday at 7:30 p.m. at 211 So. 20th.

The
MIDWEST FEDERATION
of
MINERALOGICAL & GEOLOGICAL SOCIETIES

hereby grants this
MERITORIOUS SERVICE AWARD
to

The Lincoln Gem and Mineral Club



for: cooperation with the University of Nebraska by furnishing labor for the excavation and preparation of a 40 foot fossil plesiosaur, which would have been lost to science without this service,

this 31 day of July anno Domini 1965
Merton A. Young Helen M. Shaver
PRESIDENT SECRETARY



July 25, 1965

**Lincoln Society
Due for Award
For Excavation**

The Lincoln Gem and Mineral Society will receive a community service award from its regional parent group at an Evansville, Ind., convention Saturday through next Tuesday.

The Midwest Federation of Mineralogical Societies will present the award, one of eight being given this year, to the Lincoln chapter.

The Lincoln society was cited for helping the University of Nebraska museum excavate a unique 41-foot "sea serpent" fossil found near Valparaiso.

The museum had lacked funds for immediate excavation of the marine reptile fossil.



Swapping



1314
19 20 21
22 23

Pleezy in Nebraskaland

Parade

Big Howdy Award

1965 NEBRASKALand Days

Be it known to all who ride Nebraska's beckoning vacation trail that

Lincoln Gem and Mineral Club, Inc.

generously contributed time, talent, knowledge, and resources to the unequalled success of the 1965 NEBRASKALand Days, and is therefore most deserving of recognition and commendation by the Great State of Nebraska and the Nebraska Game, Forestation and Parks Commission.

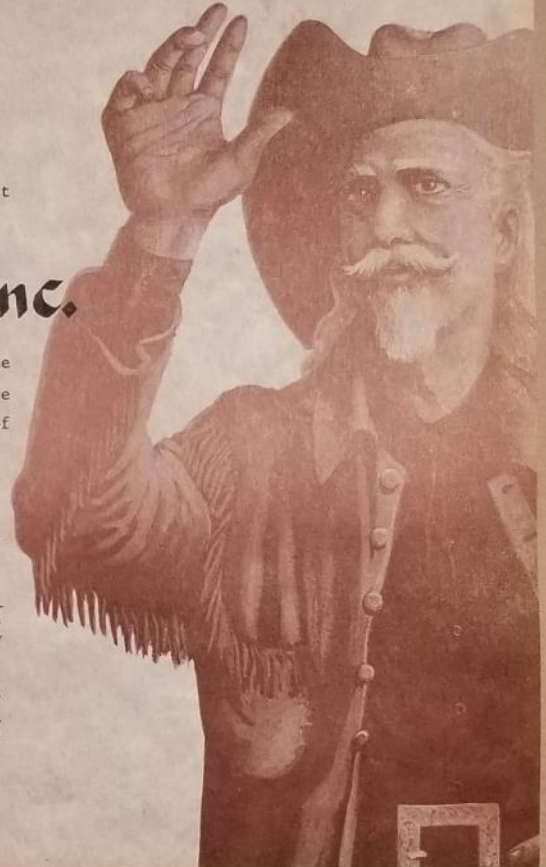


Dated this fifteenth day of July, 1965

Signed:

M. O. Steen
Director, Game, Forestation and
Parks Commission

D. W. Kasper
Chief, Information and Tourism



NEBRASKA GAME, FORESTATION AND PARKS COMMISSION



STATE CAPITOL, LINCOLN, NEBRASKA 68509

August 5, 1965

Dear NEBRASKALand Days Booster:

I hope that the enclosed "Big Howdy Award" citation will in some small way express our thanks for the fine job that you did in helping make the 1965 NEBRASKALand Days an unequaled success. This great effort would never have come about without the energetic participation of people and organizations such as yours.

Plans are already underway for an even bigger NEBRASKALand Days in 1966 and I hope that we can again count on you to work with us on this very exciting program. The event is well on its way toward achieving national recognition.

Again, please accept the hearty thanks from the State of Nebraska, and particularly members of the Nebraska Game, Forestation and Parks Commission.

Sincerely yours,

GAME, FORESTATION AND PARKS COMMISSION

M. O. Steen
Director

WELCOME
TO NEBRASKALand ... WHERE THE WEST BEGINS

Saturday and Sunday, Sept. 25th & 26th

Lincoln Gem and Mineral Club

7th annual show

150 cases of gems & minerals
Complete Operating Lapidary
Shop

Silversmith demonstrations
Largest fluorescent Display
in the midwest

SEE, Faceting, Glass Blowing, Plastic Molding

NATIONAL GUARD ARMORY

1776 No. 10th Sat. 10 a.m. to 9 p.m., Sun. 10 a.m. to 8 p.m.
Adults 50c Children under 12 admitted free with an adult

September 26, 1965 Lincoln Sunday Journal and Star



Krejci demonstrates faceting on his home-made machine.

Rockhounds Display Gems at Armory Today

By Gwen Drake

They held up a delicately cut green stone before my eyes. It caught the light and shone with the richness of an expensive gem.

"What, -- it," I asked, "an emerald?"

"No," came the reply, coupled with a hearty chuckle, "It's a piece of cut pop bottle."

Even though it was just glass, the stone still served to point up the great skill and pride the Lincoln Gem and Mineral club members have in their hobby, rock-collecting.

The club is holding its annual show at the National Guard Armory at 1776 No. 16th today.

The wide range of exhibits on display include more than just "ordinary" rocks. Minerals, shells, and gems from all over the world are on display.

Versatility is another keyword in this year's displays. Frank Krejci of 215 No. 27th, is a prime example of an enthusiastic hobbyist.

Home-Made Machines

Krejci, who has been "rock-hounding" for 25 years, has to his credit a beautiful collection of faceted stones as well as vases and urns made of rock specimens.

The stones were faceted by Krejci on his home-made faceting machine. He does all his work with equipment he fashioned himself. In fact, one machine has a main part from a Model A car.

Gem and Mineral club president E. H. Weber estimated

the total worth of all the club displays at \$175,000.

Best Exhibits

According to Weber, among the best exhibits of the show are: the world's largest quartz cluster; a \$2,000 diamond, found by a Lincoln boy in the field; a large chunk of petrified wood; and a continuous demonstration of the steps involved in cutting a gem.

There is even a colorful floor show held in a small anteroom of the auditorium. The lights are dimmed and seemingly colorless rocks laying on a black draped platform burst to life under a fluorescent light.

Displays that will appeal to the youngsters are the collections shown by the junior members of the rockhunting society.

All in all, the show is a gem-dandy.



The modern Smithy. (SUN Staff Photo).

Modern Smithy Has Basement Shop

A modern day smithy has set up shop in the basement of his suburban home.

L.A. Stuchura isn't a blacksmith, however, but a silversmith. He became interested in the craft after taking a course in silver work at Kearney State College as part of his training for industrial arts.

Expensive

It's a relatively expensive pursuit, Stuchura said. About \$200 will give you the basic equipment, depending upon your resourcefulness. In addition to the tools, however, the hobbyist must maintain a large inventory of silver, presently

selling at about \$1.66 an ounce. Silver comes in sheets, wire and tubing.

Most silversmiths also work with a great many semi-precious stones such as turquoise, agates and opals adding up to more expense, he said.

Two Years Ago

Mrs. Stuchura became interested in the hobby about two years ago and enrolled in one of the courses her husband conducts for the adult education department of the Lincoln Public schools. They are both taking lapidary classes sponsored by the city recreation department.

Even though it is an expensive hobby, he said, it has some advantages. It requires a little area and the Stuchura's entire work area is confined to a standard size desk and a small table used for polishing tools.

Much of the satisfaction of silver craft comes from the creativity it allows the individual, according to Mrs. Stuchura. One must plan your project, sketch it on a piece of paper and later perhaps construct a practice model from tin or some other inexpensive material.

Pickled Silver

When the design is ready

to be wrought in silver, you must cut, bend, hammer, solder and polish the item before you have a complete piece. Individual pieces are soldered with sterling silver and treated with a flux and "pickled" in an acid bath to clean it.

Both Mr. and Mrs. Stuchura will be exhibiting work at the seventh annual Gem and Mineral show to be held at the Nat'l. Guard Armory, Saturday and Sunday, Sept. 25-26. They will have about 25 items on display and Mrs. Stuchura said she will demonstrate some techniques of silversmithing.

Mr. Stuchura is an industrial arts instructor specializing in metal shop at Whittier school.



EXHIBITOR

LINCOLN, NEBRASKA

**GEM &
MINERAL
CLUB**

**7th ANNUAL
SHOW**

1965



192
262

September 30, 1965

3,000 Attend Seventh Annual Show

Some 3,000 persons filed through the doors of the Nat'l. Guard armory Saturday and Sunday to view the seventh annual Gem and Mineral club show.

About 80 percent of the states and one foreign country were represented at the show.

The 150-member club was out in full force and all members had something on display.

This is quite a change from the first year the show was held when there were only 60 members and about 500 attended the show.

Featured at the show was the "black magic" display where vari-colored lights gave the stones on display a different color than the one meeting the unaided eye.

Almost every kind of stone was on display, according to Everett Weber, president. Everything from rock to mineral to crystal, everything that meant anything the lapidary field.

Show chairman for the event was Howard Taylor.



Charles Reece, 3900 No. 44th, found that he became popular when he started grinding and polishing stones. (SUN Staff Photo).





Youngsters from Park School listen closely as Mrs. Velma Boyd explains how rocks and stones have been transformed into beautiful pieces of jewelry. Members of the Lincoln Gem and Mineral Club presented an assembly program to Park School students Thursday, Feb. 3. (SUN Staff Photo)

Gem and Mineral Club Visits Park School

The Lincoln Gem and Mineral club presented an hour-long assembly program to the upper grade students of Park School Thursday, Feb. 3. Presenting the program on behalf of the club were Mrs. Velma Boyd, Mrs. Dorothy Englehart and Floyd Olson.

The youngsters were presented a brief talk on the proper clothing for a "rock hound", what to look for when going hunting for rocks and stones and how stones are finished once they are obtained. To assist with the program, club members had more than 20 cases of finished gems and stones on display, along with tools and equipment used in the finishing process. Much of the equipment on display was homemade by club members, and all gem displays were property of the club.

A film and slide presentation concluded the program. It gave the students a clear picture of how a fossil is found, dug up, how it is prepared in the laboratory and how it is put together in a museum. Members of the Gem and Mineral club assisted with the restoration of the dinosaur fossil discovered near Valparaiso and the film and slide program was based on this experience featuring club members and their activities.

WHO'S WHO
AND WHERE



LINCOLN
NEBRASKA
1966



STAR PHOTO

WADDLE, left, LEWIS, . . . at grindstone.

Picture-Perfect Images Created In Rock Class

By LUCILLE HUTCHINSON
Star Staff Writer

Evil eye . . . sea horse . . . diamond ring . . . last rose of summer . . . prehistoric swamp scene . . . deer by a lake . . . cardinal.

An art show?

No, just rocks.

John A. Lewis cut and polished these picture-perfect images in stones and is in his fourth year of instructing students 17 to 70 years old how to pursue the hobby in weekly lapidary classes sponsored by the City Recreation Department.

Ten-week sessions featuring instruction on polishing, cutting and setting stones attracts lapidary enthusiasts, geologists, persons seeking a new hobby and even men and women who want to learn the technique so they can buy or build their own equipment and earn extra money.

Can Be Profitable

"It can be a profitable hobby" for amateur jewelers, retirees and everyone who would like to "do something" with pretty rocks they've collected, Lewis pointed out.

"We always have our biggest classes in the fall after the collectors have spent the summer gathering rocks and want to make gifts for Christmas," he said.

The recreation department classes accommodate about 36 in three groups for two hours once a week. Three sessions are held during the school months at the M u n y Pool Building. Fees for beginners are \$3. Advanced participants pay \$5.

"Out of my 14 hobbies this is the best I ever had," declared one class regular, C. Ray Waddle. Sporting a splendid opal tie tack, the lapidary enthusiast said he loves to work with opal because it is so "delicately beautiful."

"I've even traveled to Mex-

ico to get samples of this gem," he announced.

Instructor Lewis, science teacher at Robin Mickle Junior High, indicated that obsidian, a volcanic glass described as soft with no grain, is a "good stone to start on because it can be cut rather rapidly."

Favorites

The class lapidarists "always want to do something with jade," but it is a very hard rock," Lewis explained. Agate, jasper and black agate are other favorites.

After the desired outline is marked on the cut raw stone, plastic-aproned students painstakingly shape their pieces, mounted on dop sticks with warm wax, on spinning grinders which have diamond flecks impregnated on the edges.

Then the gems are finished on sanding drums and polished to a high luster on various covered wheels—soft or hard leather, hard felt or soft muslin—appropriate to the stone.

Mounted as rings, cuff links, bracelets, collar tips, tie clasps and holders, belt buckles and buttons, the gems can be prominently displayed.

Creative skill in the lapidary procedure primarily comes with the stone cutting as the first step, Lewis indicated. By carefully watching for outstanding color grains and distinctive figures or images to be the center of interest, he noted, most students produce professional-looking, handsome sets.

New Fossil Find 'Most Important'

University of Nebraska museum officials announced Wednesday the discovery of a major fossil locality on the land of a Sioux County rancher 25 miles north of Harrison.

Dr. C. Bertrand Schultz, museum director, said the find—one of the most important in the 95-year history of the museum—is in the Pierre shale formation on the Merritt Wallace ranch which straddles the Nebraska-South Dakota border.

A museum field party already has excavated several marine type reptiles, sharks and other fish, logs, toothed birds and flying reptiles in what Dr. Schultz described as a virtual "marine reptile garden."

Preliminary investigation reveals the deposit represents remains of plants and animals which lived off shore of the great Cretaceous Sea covering most of Nebraska about 100 million years ago.

Among the more remarkable finds is a short-necked plesiosaur — distantly related to the 41-foot type found near Valparaiso last year. The short-necked variety will be mounted in three dimensions and displayed at the University museum.

Historical Finds

At least one reptile of unknown size and physical characteristics, may be entirely new to science. Still others include four flying reptiles known as pterodactyls, several 30 to 35-foot long mosasaurs (giant marine lizards which looked much like the land lizards of today), and a toothed bird, known among paleontologists as the Royal Bird



University staff excavating at fossil site . . . Dr. Schultz (from left) and students Ashmun and Martin.

of the West, or Hesperornis regalis.

"This find, of still unknown proportions, represents the most important locality of marine type fossils for the University museum," Dr. Schultz explained.

Eventually, much of the material will be displayed in a newly planned hall of dinosaurs since most of the forms were living in the sea at the time dinosaurs roamed the land.

The expense of excavating the major find and mounting some of the specimens is being met by a donation from Walter Behlen of Columbus. The Lincoln Gem and Mineral Club has offered its services in preparing a selection of the fossils from the site.

Lloyd Tanner, associate curator of vertebrate paleontology at the museum, and Dr. Schultz have made plans to mount several specimens from the major site and from another 30 miles northwest of Crawford in the University's Trailside Museum in Fort Robinson.

The University field crew is under the direction of Larry Martin of Lincoln, a graduate student at the University. Museum workers on the site include Tod



Rancher Wallace . . . major fossil location on his land.

Ashmun of Lincoln, a University undergraduate, and David Nixon of Crawford, a student at the Missouri School of Mines and former full-time museum field party worker.

Museum Volunteers

By MRS. DAVID CUMMINS

Photographs are by courtesy University of Nebraska Photographic Productions.

TO HEAR THAT A MOTORCYCLE DEALER AND A BANKER are working on a scientific fossil preparation project might make some specialists of the paleontological world cringe. However, Dr. C. Bertrand Schultz, director of the University of Nebraska State Museum, recognizes the assistance of self-trained "specialists" like these people from other professions.

Such volunteers are two of twenty from the Lincoln Gem and Mineral Club who are helping the museum staff prepare fossils and sort and catalogue minerals. Other volunteer assistants at Tuesday and Wednesday night work sessions at the museum include a retired science teacher, retired Air Force colonel, accountant, well driller, jeweler, painter, interior decorator, road contractor, insurance salesman and, of course, many housewives. Most of these "scientists" have museums in their own homes, displaying private collections.

The museum will use the specimens prepared by the club members for University research, classroom study and display purposes. The fossil and mineral material has been unattended until now because the regular staff has not had sufficient funds to get all of the necessary work accomplished.

According to Dr. Schultz, the fossils which the members are preparing are helping to complete "the best sequence of late Mesozoic ("Age of Mammals") fossil mammals anywhere in North America." The field casts, which contain the fossils, have been stored in Andrews and Nebraska Halls on the University campus. Other specimens are now being trucked from the University of Nebraska Field Laboratory at Mead, Nebraska where the museum has a resource storage center.

Each fossil which the Gem and Mineral members are preparing may throw light on the geologic history of



Working as member volunteers of the Lincoln Gem and Mineral Club during a weekly session at the University of Nebraska State Museum are Mr. and Mrs. Dean Baumeister. They are preparing a 15-million-year-old oreodont for display in the Museum. Mr. Baumeister is a banker in Lincoln.

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Earth Science



animals of the past. For instance the camel made the state its home and evolved there during some 35 million years of geologic time. Prior to this, it spent millions of years in the Rocky Mountain region to the West. During their pre-Nebraskan days, the camels were only about one foot high. However, after a stay in Nebraska during early Oligocene times, camels evolved into 20-inch creatures, and later during the Ice Age some forms stood as high as 11 feet. With the advance of the glaciers came a change in climatic conditions. At the beginning of this time some of the camels journeyed southward into Central and South America, and another migration was made to Asia. These latter camels crossed the Bering Strait land bridge in order to reach their new Asian home. Environmental conditions in

South America and Asia caused the modern differences between llamas and what we commonly call camels. Relatives of these two migrating groups continued to live in the Great Plains until about eight or ten thousand years ago.

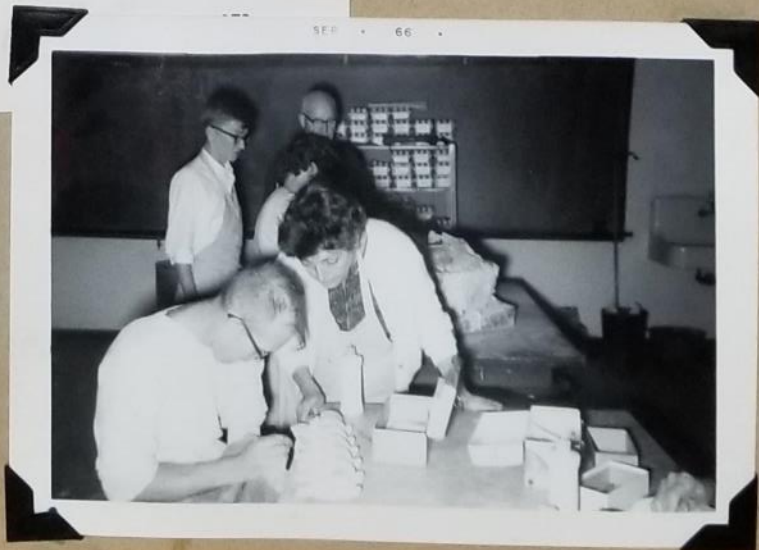
Members of the Gem and Mineral Club are also becoming acquainted with the history of another early Nebraska animal, the rhinoceros. Roaming the Great Plains in herds like the camels, the rhinos also spent 35 million years in this region. They, however, failed to adapt to the changing climate and became extinct over a million years ago in the New World. The rhinos continued to inhabit the Old World, and the African and Asian rhinos continue to live today. Because fossil remains of the rhinoceros are found in deposits of approximately



In the foreground are Dr. and Mrs. Floyd S. Lange who are removing matrix and hardening the bones of some of Nebraska's prehistoric animals. Dr. Lange is preparing a giant hog's jaw, while his wife is working with the jaw of a horse. When not working on this volunteer project with other club members, Dr. Lange is kept busy as a chiropractor. Both he and his wife have been club members for 10 years.

In the background is Mr. Charles Messenger. Although employed by the State Department of Roads, Mr. Messenger finds time to complete the preparation of a fossil oreodont.

July-August, 1966





NEBRASKAland Days

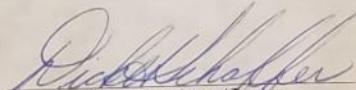
"BIG HOWDY AWARD"

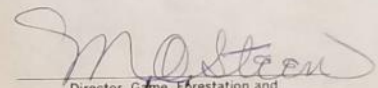
Be it known to all who ride Nebraska's beckoning vacation trail that

Lincoln Gem and Mineral Club

generously contributed time, talent, knowledge, and resources to the unequalled success of the 1966 NEBRASKAland Days, and is therefore most deserving of recognition and commendation by the Great State of Nebraska and the Nebraska Game, Forestation and Parks Commission.




Chief, Information and Tourism


Director, Game, Forestation and
Parks Commission







Saturday, Sept. 24, 1966—P.M. Lincoln Evening Journal

STARTS TODAY

Lincoln Gem and Mineral Club

8th Annual Show

Today and Sunday, Sept. 24th & 25th

150 Cases of Gems & Minerals Complete
Operating Lapidary Shop

Silversmith Demonstrations
Largest Fluorescent Display in the Midwest

SEE Faceting, Glass Blowing, Plastic Molding

NATIONAL GUARD ARMORY

1776 No. 10th Sat. 10 a.m. to 9 p.m.
Sun. 10 a.m. to 8 p.m.

Adults 50c



Claude Clary and part of his collection.

Hobby Is Long-Drawn Grind, But Lincolnite Gains Polish

By DICK MEZZY

Claude Clary has a hobby he doesn't take for "granite."

In fact the end product of his long hours of labor could be considered "marbleous" by on-lookers.

Clary, who lives at 3743 Woods Ave. with his wife Rosalie "grinds" away at his pastime and looks well pleased at what "turns" out.

Clary is a lapidarist . . . his hobby is collecting various types of stones, then grinding and polishing them until they form a perfect sphere.

"My uncle got me interested in the hobby about nine years ago when we lived in Plattsmouth," the former president of the Omaha Rock collecting club said.

"Now whenever we go on vacation, I usually spend a good deal of the time hunting for various rock formations."

Clary, who came to Lincoln three years ago, is

employed by the Lincoln Telephone and Telegraph Co.

"Normally we go rock hunting in northern California, Oregon and Washington," he said, "native rocks aren't large enough."

"I find a lot of different types of rocks in these areas," he added, "agate, obsidian, quartz and forms of petrified wood. The wood dates back well over a million years."

In the basement is a well-equipped room with seemingly all the tools a stone polisher would need. So far Clary has made more than 240 stone spheres, about 82 of which are on display in his home.

The polishing process for one stone averages about one week, with approximately 10-12 hours of grinding and related work per day, he said.

Presently he is working on a block of obsidian, a hard black rock the Indians used at one time to fashion weapons.

"I'm not alone in this," Clary noted. "Rosalie helps out quite a lot. While I'm at work she watches the machines and adds what ever they need to keep them running."

Mrs. Clary observed:

"I learned a long time ago, when it came to this hobby, if I couldn't whip them, I'd join them."

"I'm probably as interested in it now as he is," she added.

In the past nine years, Clary has entered a number of his spheres in rock shows and has fared quite well.

"We entered one competitive show in Portland, Ore., this year and it made me nervous. There are a lot of rock men in that area. But, when all the judging was over, I walked away with a blue ribbon."

Next on the list for the Clarys is a spring showing at the Midwest Federation of Rock Collectors to be held in Rock Island, Ill.



Brazilian agate . . . forming what Clary calls "Christmas Bells."

WHOS WHO
& WHERE



1967

MEMBERSHIP DIRECTORY

Lincoln Gem & Mineral Club, Inc.

Lincoln, Nebraska

1967 MIDWEST FEDERATION BULLETIN CONTEST

- No. 1 THE PICK AND SHOVEL Lincoln Gem and Mineral Club, Inc.
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- No. 2 THE OPAL West Suburban Lapidary Club
Editor: Mr. Rudy Loeffler
Associate Editors: Mr. and Mrs. Elmer Cawthorn
- No. 3 S.I.E.S. CLUB NEWS Southern Illinois Earth Science Club
Editors: Robert Brownfield - Emily Brownfield
(Dec. issue) Louis C. Martin - Elizabeth Martin
- No. 4 MESABI MEDIA Mesabi Rock and Mineral Club
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- No. 10 ROCK RIVA Rock River Valley Gem and Mineral Society
Editor: Shirley Lathom

A special HONORABLE MENTION and thank you to all the participating Editors.

Midwest Federation
Bulletin Exchange Committee
Conrad Peterzen, Chairman

MIDWEST FEDERATION
CONVENTION

1967 DAVENPORT, IOWA 1967

EDITORS'
BREAKFAST

HOSTED BY



GEM AND MINERAL SOCIETY

HOTEL BLACKHAWK

JULY 29, 1967

7:30 A. M.

ILLOWA GEM &
MINERAL SOCIETY INC
OFFICERS

PRESIDENT - - - - EDWARD J. KLCFT
VICE PRES. - - RICHARD JOHANNESSEN
SECRETARY - - - - - MARGE MOLLER
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MIDWEST FEDERATION OFFICERS - 1967

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Secretary - - - - - Dorothy Gleiser
Treasurer - - - - - Gerald Huber
Historian - - - - - Russell MacFall
Editor M. W. F. Newsletter - - Hayden Petersen
Bulletin Exchange Chm. - - - - Conrad Peterzen

MENU

Orange Juice		Scrambled Eggs
	Crisp Bacon	
Toast	Jelly	Butter
Coffee	Tea	Milk

PROGRAM

Welcome - - - - - Edward J. Kloft
Editor - Illowa News Grinder

Invocation - - - - - Reverend Harvey Gaither

Master of Ceremonies - - - - Richard Johannesen

Panel Discussion

What Can YOU Do To Make YOUR Bulletin A Winner

Conrad Peterzen
Chairman M. W. F. Bulletin Exchange
Mrs. George Pochay Editor - Rock Trails
State Line Gem and Mineral Society
Louis C. Martin Editor - S.I.E.S. Club News
Southern Illinois Earth Science Club
Ellis Courter Editor - The Conglomerate
Mich. Mineralogical Society

Presentation of Awards

Closing Remarks



ROCKRAMA



HOST
EXHIBITOR



SEPT. 1967

LINCOLN GEM
AND
MINERAL CLUB

Gem-Mineral Club Show Next Weekend

The Lincoln Gem and Mineral Club's ninth annual exhibition will be at Pershing Auditorium next Friday, Saturday and Sunday. Hours are 10 a.m. to 10 p.m. daily.

The gem show is co-sponsored by the Midwest Mineralogical and Geological Federation. Exhibits will include a complete lapidary shop illustrating gemstone faceting, an artifact collection, and a large U.S. map with polished gemstones indicating areas of discovery. There will be individual displays of fossils, minerals, gems, petrified wood and jewelry.

Also on display will be 3½ carat diamond crystal from Arkansas, arrowheads, chippers and glass blowing equipment.

A feature of the show is the display of a \$25,000 necklace owned by the Union Carbide Co. and manufactured in 1952 to be worn at the coronation of Queen Elizabeth II of Britain.

The governor's trophy will be awarded for the best set of jewelry made from Nebraska gemstones or rock. An award will also be given for the best centennial costume.

CENTENNIAL ROCKRAMA

PERSHING
AUDITORIUM



LINCOLN NEBRASKA

STARTS TODAY

Lincoln Gem and Mineral Club's

CENTENNIAL

ROCKRAMA

Today, Saturday, and Sunday
Fri. & Sat. 10 to 10 — Sun. 10 to 8

- Hundreds of Cases of Gems & Minerals
- Complete Operating Lapidary Shop
- Silversmith Demonstrations
- Largest Fluorescent Display in Midwest

SEE FACETING, GLASS BLOWING, PLASTIC MOLDING
FOSSILS, ARROWHEAD CHIPPING, & SAND PAINTING

PERSHING AUDITORIUM

Adults 1.00 — Children 25c

Rockrama Introduces Expensive Star Ruby

Rockrama may sound like some kind of rock-and-roll combo combat a-go-go show, but it's far from it.

The Centennial Rockrama in the Pershing Auditorium basement Sept. 22-24 is an educational and entertaining presentation of some 500 separate exhibits of minerals sponsored by the Lincoln Gem and Mineral Club. Most of the exhibits are from private collections of persons interested in some field of earth science or lapidary as a hobby.

Club President Gene Eno said it is a salute to the Nebraska Centennial and will be the biggest of any ever held in the city.

One of the attractions is a \$25,000 well-guarded ruby. It is one of a kind, the fourth-largest star ruby known to exist.

Worn by Queen

On display through the courtesy of the Union Carbide Co., Linde Air Products Division, the ruby is titled the Linde (pronounced lindy) Star Ruby and was worn by Queen Elizabeth II in 1953 at Westminster Abbey at her coronation.

The ruby itself weighs about 90 carats, with smaller Linde Star Rubies in the golden necklace weighing 14 carats each. There are 86 full cut diamonds weighing a total of 10 carats, surrounding the necklace.

Almost all known mineral elements in all shapes are on exhibit. There are diamond replicas, beads,

string ties with stones, rings, arrowheads, axes, spheres, sea rocks, and even a "meal" of stones.

The "meal" is a table setting featuring minerals that look almost like real foods.

Another area features what at a distance appears to be oil paintings. They are actually natural sands and colorful rocks which have been hand crushed, then glued into position.

Just Rocks, Glue

Mr. and Mrs. Ray E. Ruske of Grand Lake, Colo., use no artificial color or other medium except rocks, sand and glue to create fantastic scenes. These are not really for sale except to friends because it's a hobby, Mrs. Ruske said.

Hundreds of Lincoln school youngsters were allowed to visit the show Friday morning. They also get to view many minerals during the year at their schools through a visiting display created by the local mineral club and taken out on tours.

Lapidary, the art of cutting, polishing and mounting stones, is a large part of the Rockrama exhibit. Some are for sale and others are from private collections.

There will be slide talks at various times during the three-day event. Daily, there is continuous showing of all exhibits, according to show chairman Howard Taylor.

No-Calorie, High-Mineral Diet



A real no-calorie diet of minerals that look like regular table food is part of the exhibits in Pershing Auditorium. Sampling the "tasty morsels"

are (from left) Terri Dunn, Karen Asbjornson, Mark Niemeyer and Jim Copple, all of Holmes School.

THINGS TO DO . . . PLACES TO GO . . . IN LINCOLN

All events free unless followed by *; times a.m. unless boldfaced for p.m.

Friday

Constitution Week

High School Football — Lincoln High v Plus X, Seacrest Field, 75th-A, 7:30*

Film — "Joy In The Morning" — Nebraska Union, 14th-R, 7 & 9.*

Speaker-Artist Series — Presents Fall Jazz Concert with Cal Tjader, west lawn, Sheldon Gallery, 3:30.

Lincoln Gem & Mineral Convention & Show — Pershing Auditorium, 15th-N, 12-6.

Allianza, South American Fiesta — Miller & Paine, 4th floor auditorium, 9-5:30.

Keen Time Dance — Pershing Auditorium, 15th-N, 8.*

Youth Coffee Houses — Non-profit; Crosswinds, 1233 F, 8-12.

Duplicate Bridge — 2438 South, 7:30.*

Senior Citizens Activities — Recreation Center, 1225 F, 11-4.

Conferences — B'nai B'rith Youth Conference; Foundations In Management; North Central Extension Directors Conference; Nebraska Council on Teacher Education, Nebraska Center, 33rd-Holdrege.

Saturday

High School Football — Southeast v Hastings, Seacrest Field, 75th-A, 2.*

High School Football — Northeast v Bellevue, Seacrest Field, 75th-A, 7:30.*

Gillespie Enterprises presents — "The Flippers Dance Combo," Pershing Auditorium, 8:30.*

Film — "Joy In The Morning," East Union, NU Ag Campus, 7:30.*

Lincoln Gem & Mineral Convention & Show — Pershing Auditorium, 15th-N, 12-6.

Allianza, South American Fiesta — Miller & Paine, 4th floor auditorium, 9-5:30.

Lincoln Stamp Club — First Federal Bldg., 1235 N, 7.

Chess Club — Library, 14th-N, 7.

Youth Coffee Houses — Non-profit; Hungry Id, 640 No. 16th, 9-12.

Square Dancing — Antelope Pavilion, 29th-A, 8:30.

Conferences — B'nai B'rith Youth Conference; Nebraska Center, 33rd-Holdrege.

NEWS RELEASE:

LINDE STARS

FIT FOR A QUEEN -- Visitors to our Centennial Rockrama at Pershing Auditorium, Lincoln, Nebraska, Sept. 22, 23, & 24, 1967, will see the one of a kind Linde Star Coronation Necklace worn to the Coronation of Queen Elizabeth II in 1953 at Westminster Abbey. The design of the necklace, valued at \$25,000, is in a style known as "antique". Its designer is the Russian Princess, Alexandra Kropotkin, who has excelled also as a writer, biographer, columnist and fashion consultant. The magnificent central star in the pendant is the fourth largest Star ruby known to exist and weighs approximately 90 cts. (The largest Linde-created Star ruby weighs nearly 110 cts. and is on display at the American Museum of Natural History in New York City.) The necklace is fashioned of individual laurel leaves executed in three shades of American-mined gold--yellow, white and green. The smaller Linde Star rubies in the golden necklace weigh 14 cts. each. There is a total of 86 full-cut diamonds weighing a total of 10 cts.

--released from Linde Div. of Union Carbide Co.

News of this feature attraction came to the Lincoln Gem and Mineral Club of Lincoln, Nebraska, with the additional information that we would be provided with glass enclosed cases showing the growth series of a Linde Star from seed crystal to polished stone. Some finished jewelry will also be included.

Reprinted from LGMC Club Bulletin, "The Pick & Shovel", May 1967

Gem Club Sponsors Rockrama

The Lincoln Gem and Mineral Club's Centennial Rockrama continues to rock along at Pershing Auditorium Saturday. But there is one exhibit which does nothing in such a way that people are afraid to get close to it.

The exhibit under discussion—"The Astrocrab Maker"—raises a few questions and even the president of the sponsoring club, Gene Eno of Lincoln, admits he's "afraid to get close to it."

Eno explained that it's the brainchild of high school science teacher John Lewis and said the only thing he really knows about it is that "it brews tea."

The contraption, according to Eno, lights up, belches fire, "and does about everything else one could imagine" but the end result is that "it does nothing."

"It's kind of a fun thing," Eno said, "but I'm still afraid to get close to it."

On the more conservative side, there are talks and slide shows through the second day of the affair that include "Rock Hunting in Nebraska" and more popular topics such as "Epidote Hunting in Alaska."

During the three-day show there is also a continuous showing of silversmithing, plastic embedding and shop operations.

Hours for the Rockrama are from 10 a.m. — 10 p.m. Saturday and 10 a.m. to 8 p.m. Sunday.

Sept. 24, 1967 Lincoln Sunday Journal and Star

Slide Shows, Talks Featured At Rockrama

The Astrocrab Maker" was one of the chief attractions at the Lincoln Gem and Mineral Club's Centennial Rockrama at Pershing Auditorium.

The contraption, built by high school science teacher John Lewis, lights up, belches fire, "and does about everything else one could imagine," according to Gene Eno, president of the Gem and Mineral Club.

In addition to the Astrocrab Maker, the Rockrama featured talks and slide shows, plus a continuous showing of silversmithing, plastic embedding and shop operations.

Today is the last day of the Rockrama. Hours are from 10 a.m. to 8 p.m.

Earth Science

CLUB NEWS

Edited by Mrs. Bernice Rexin

Frank Marsh, Secretary of State, impresses the official seal of the state of Nebraska on Governor Norbert T. Tiemann's proclamation of September 20, 1967 declaring that the state "should, during this Centennial year, commemorate all the assistance given to the various museums and schools in Nebraska by the amateur earth scientists." The dates of September 22, 23, and 24 were declared Centennial Rockrama Days and the Lincoln Gem and Mineral Society made the most of it by staging a handsome show with officials in pioneer costume.



Jerrold Kohn of 4944 Washington Street, Lincoln, won the Governor's Trophy awarded to the lapidary making most effective use of Nebraska materials. Petrified wood was the Nebraska material featured by Mr. Kohn.

January-February, 1968



STATE of NEBRASKA
EXECUTIVE OFFICE
LINCOLN

PROCLAMATION

WHEREAS the hobby of rock collecting has rapidly grown in popularity; and

WHEREAS a growing number of states have by legislative action designated state rocks and gemstones; and

WHEREAS the State of Nebraska should, during this Centennial Year, commemorate all the assistance given to the various museums and schools in Nebraska by the amateur earth scientists; and

WHEREAS the Rockhounds of Nebraska and the Midwest Federation of Mineralogical and Geological Societies will be assembled for their annual Rockrama at Pershing Auditorium, Lincoln, Nebraska, September 22, 23, and 24; and

NOW, THEREFORE, I, Norbert T. Tiemann, Governor of the State of Nebraska, DO HEREBY PROCLAIM September 22, 23, and 24 as

CENTENNIAL ROCKRAMA DAYS

in Nebraska.

IN WITNESS WHEREOF, I have hereunto set my hand and caused the Great Seal of the State of Nebraska to be affixed.

DONE at the State Capitol,
Lincoln, Nebraska, this
20th day of September in the
Year of Our Lord One Thousand
Nine Hundred and Sixty-Seven.



Norbert T. Tiemann
Governor

Attest:

Frank Maves
Secretary of State







SEPTEMBER 21, 1967

THE ADVOCATE



Discussing their display are sophomores (from left) Rick Kahn and Chris Engelhart.

'Pebble Pups' Reach Maturity; Rockhounds Display Collection

"Rock hounding" is the consuming interest of two sophomores, Rick Kohn and Chris Engelhart. The pair is currently preparing their collections for the Lincoln Gem and Mineral Club's Rockarama to be held at Pershing Auditorium, September 22, 23, and 24.

Rick and Chris were formerly members of "pebble pups", junior affiliated of the Lincoln Gem and Mineral Club. They served as treasurer and president of the organization, respectively. Upon entering high school the boys became full-fledged "rock hounds."

Chris, who has been collecting for 11 years is chiefly interested in wood. His most prized possession is a piece of petrified wood, found near Fullerton, which appears to have been burned at one end.

Rick prefers lapidary work, cutting, polishing, and mounting, to anything else. In five years of collecting, his favorite stone is jade.

A display of rocks from both boys collections will be on display in the hall in front of the office this week.

MIDWEST FEDERATION OF MINERALOGICAL AND GEOLOGICAL SOCIETIES

Member of The American Federation of Mineralogical and Geological Societies

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26120 Rogue Court
Southfield, Michigan 48075

Vice President
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Mission
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238 Guilford Road
Hoyt Lakes, Minn. 55750

Historian
Russell P. MacFall
221 Foster Street
Evanston, Illinois 60201



April 24, 1968,

Dear Mrs. Tracy,

As I told Dorothy Engelhart (and the executive committee of the Midwest Federation), that Lincoln club does things and it does them right. Your club history is a new dimension in such things, and I hope to recommend it to other clubs as a model. It has a logical organization and plenty of detailed information in compact form.

I had hoped to see the Lincoln club in action last fall at your Rock-rama, but events here in Chicago interfered, so I know you only through your representatives who attend the council meetings. I have also seen the slides of the big dig that the club undertook, so that I feel I do know you all by deed if not in person.

Thank you for the excellent history. I know it represents a lot of work. I feel that the work is worthwhile, and I hope you do, too. I am sending this letter in care of Mrs. Engelhart as I do not have your address.

Sincerely yours,

Russell P. MacFall
Russell P. MacFall

Serving Clubs in . . .

Arkansas • Illinois • Indiana • Iowa • Kansas • Kentucky • Michigan • Minnesota • Missouri • Nebraska • North Dakota
Ohio • South Dakota • Tennessee • Wisconsin •

Official Magazine • Earth Science, Box 550, Downers Grove, Illinois 60515

•
THE AMERICAN NATIONAL ROCK SHOW
Combined American Federation and Midwest Federation Convention
August 22-23-24-25, 1968 — Bloomington-Normal, Illinois

Certificate of Award

The Lincoln Hobby Club

awards to

Lincoln Gem and Mineral Club
First Place in the Classification *Lapidary*

at the Annual Benefit

Hobby and Sports Show

Nebraska State Fairgrounds Coliseum, Lincoln, Nebraska

SATURDAY AND SUNDAY, APRIL 6-7, 1968



E. C. Bell

Hobby Show Chairman

William Morton

President—Lincoln Hobby Club

The
MIDWEST FEDERATION
of
MINERALOGICAL & GEOLOGICAL SOCIETIES

hereby grants this

MERITORIOUS SERVICE AWARD
to

Lincoln Gem & Mineral Society

for: Public Service &
Public Relations



this 24 day of August anno Domini 1968

E. Hunter
PRESIDENT

Jean Reynolds
SECRETARY



Part of Saturday's crowd looks over offerings at the Lincoln Gem and Mineral Show.

Pershing Hosts Gem Showing

Not All Rocks Are For Sale

Rocks and gems — worth anywhere from a dime to a thousand dollars — went on display Saturday morning at the Lincoln Gem and Mineral Club's 10th annual rock show.

Some of them are "hands off" — display only — and still others are for sale, Bruce Simon, past club president, said.

The show, being held at Pershing Auditorium through Sunday, features displays from Lincoln rock hounds and out-of-state collectors and dealers.

But the displays are not merely limited to the walk-by-and-see variety. They also include working demonstrations on arrowhead chipping, silver casting and even glass blowing.

One of the more beautiful displays is a set of drab, dull stones which are transformed into glowing colors by a fluorescent light.

Gem & Mineral Club's Show Is Next Weekend

The Lincoln Gem and Mineral Club will have its annual show of earth science exhibits in Pershing Auditorium next Saturday and Sunday. The event is open to the public.

Program Chairman Larry Rupert of Lincoln said there will be 300 to 400 individual exhibit cases with one to 50 items in each case.

Artist Ivan Painton of Fairview, Okla. will demonstrate transference in oil of the design from the center of a stone to a canvas.

Mrs. Hazel Tarcza of Kansas City will show spectators how to build a table centerpiece around a mineral with the mineral remaining the focal point. June Club

Zeitner, who writes a monthly column in the Lapidary Journal, will be at the show.

There will be working demonstrations by the Lincoln Gem and Mineral Club of cutting and polishing of stones.

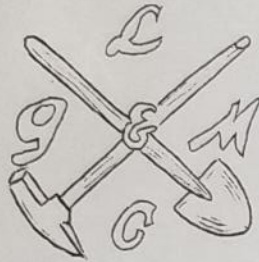
Demonstrations also will include silversmithing, silver casting, faceting and arrowhead chipping.

Also appearing will be noted University of Nebraska glassblower, Lloyd Moore.

Plan now to attend
 Lincoln Gem & Mineral Club's 10th Annual
ROCK SHOW
 Sept. 28-29 Pershing Auditorium



1969
WHO'S WHO



L I N C O L N
N E B R A S K A

NEBRASKAland FOCUS, May 25, 1969

**Gem, Mineral
Club Reception
For Dr. Neihardt**

The Lincoln Gem and Mineral Club will host a reception today to honor Dr. John G. Neihardt, Nebraska poet laureate and the newest honorary member of the club.

The reception will be at the Sheldon Art Gallery, 12th and R. from 2 to 4 p.m. Following the reception Dr. Neihardt will read some of his poems and autograph any of his books.

Dr. Neihardt now makes his home in Lincoln with Mr. and Mrs. Julius Young, 5835 Vine.



Poet Laureate Receives Life Membership

An honorary life membership in the Lincoln Gem and Mineral club was presented to Nebraska poet Laureate, Dr. John Nei-

hardt. Shown during the presentation tea at Sheldon gallery are (from left): J. D. Young; George McGinnis, second vice-president;

Aletha McKinney; Gordon McKinney, president; Dr. John Neihardt; and Louise Baugher, first vice-president. (SUN Photo by James Buttke.)

Dr. Neihardt Is Honored



Dr. John G. Neihardt, Nebraska poet laureate, was named the newest honorary member of the Lincoln Gem and Mineral Club Sunday at a Sheldon Art Gallery reception. Shown with Dr. Neihardt are (left) Mrs. V. A. Carveth and Mrs. Lawrence Rupert.

10 The Lincoln Star Friday, July 25, 1969

Weekend Of Festivities Planned By Gem Club

A pot-luck supper, a watermelon feed and a pancake breakfast all are on the Aug. 2 and 3rd calendar for the Lincoln Gem and Mineral Club. The activity is to be held at the Scout Camp. There also is to be an auction on Saturday morning, Aug. 2, the proceeds from which will go to the scholarship fund.

Wed., August 6, 1969

MILLER — Clyde A., 74, 6632 Cleveland, died Tuesday. Retired rate clerk for Missouri Pacific Railroad, member East Lincoln Christian Church, East Lincoln Lodge 210 AF&AM, past patron of Lincoln Chapter 148 OES, member 855 Club, Lincoln Gem and Mineral Club, WWI veteran, member American Legion, Jewell, Kan. Survivors: wife, Helen; son, Clair, Grainola, Okla.; daughter, Mrs. Joe (Mercedes) Dean, Lincoln, Mrs. Bill (Mayme) Laub, Sunnyvale, Calif.; half-brother, Victor Tuller, Victoria, Kan.; 16 grandchildren. Memorials East Lincoln Christian Church. Services: 10:30 a.m. Friday, Metcalf's, 245 No. 27th, The Rev. Edgar Harris, Lincoln Memorial. Masonic services by East Lincoln Lodge 210, AF&AM.

Tiemann Taking Nebraska-Made Gifts To Japan

Gov. Norbert Tiemann will bear Nebraska-made gifts when he goes to Japan next week on an industrial development mission.

The gifts will be cuff links and tie tacks featuring Nebraska's official gem stone, the blue chalcedony or blue agate.

Arrangements are being made by the Nebraska and South Dakota Jewelers Association and the Lincoln Gem and Mineral Club.

When Tiemann and other Nebraskans visited Japan several months ago, they received jewelry from the Japanese.

Tiemann and his group will go to Japan to sign a contract with a Japanese manufacturer for use of Nebraska's patented sugarester process.

Demonstrate Stone Working

A collection of rocks and Lincoln Gem and Mineral club members went to the Veterans hospital.

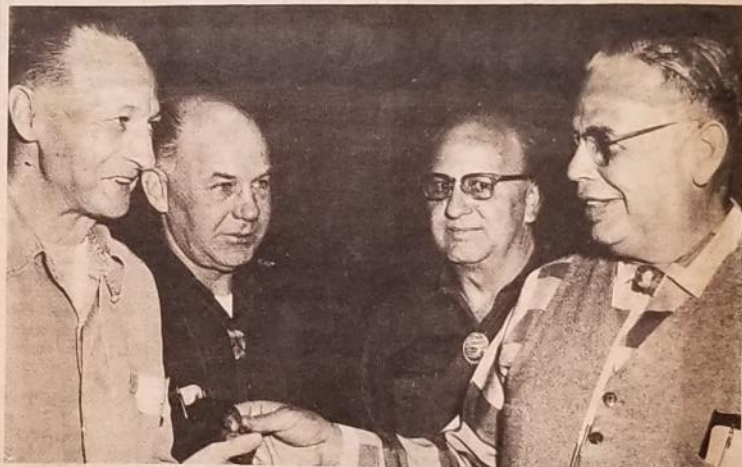
The purpose of doing this was to demonstrate to the patients the process that a stone goes through from the time it is found until it is ready to be sold as a finished item. Club members cut, ground, polished, and tumbled the rocks for the interested men.

At the end of the demonstration each onlooker was presented with a "fidget-stone," a small, polished stone which one manipulates in his fingers. Several of the patients watching the process were so fascinated that they spoke of taking up rock work as a new hobby.

Although the members are anxious to inform others about their work, the extreme weight and clumsiness of their machinery makes frequent trips impractical. They have done shows for schools and other interested organizations upon request, however.

The club was organized in 1955 and incorporated in 1959. According to Mrs. Bobbi Allen, a member of the club, it is open to all who are interested in gaining knowledge about anything dealing with rocks. There are currently about 125 active members, and several junior members.

Activities of the group include field trips and instruction in new methods of finishing stones. The group also does some fossil work.



GIFTS PRESENTED . . . At the end of the demonstration, gifts were presented to the men attending the program. Shown are (from left) Elmer Riley, Jerrold Kohn, Lynn Wells and Chester Bagg. (SUN Photo by James Buttke.)



STONE POLISHER . . . Watching the stone polishing being done by Harry T. Gragg are: (from left) Howard Taylor, Arnold Wiswell, Maynard Rott, Richard Boykin and Oscar Speth. (SUN Photo by James Buttke.)

Certificate of Award

The Lincoln Hobby Club

Honors

Lincoln Gem & Mineral Club

for Participation in the Classification *Display of Gems & Minerals*
at the Annual Benefit

Hobby and Sports Show

Exposition Building, Nebraska State Fairgrounds, Lincoln, Nebraska

SATURDAY AND SUNDAY, APRIL 19-20, 1969



Gene McKen
Hobby Show Chairman

William Morton
President — Lincoln Hobby Club



Murray Duber
Oct 27, 1969

Lincoln Gem² Mineral Club
G W McKinney Pres

Dear Mr McKinney

My sincere thanks to you
and your Club for the cases
and displays at our recent show.
It helped so much to the
success of our show.

yours truly
George M. Kulsky
Chairman

No Music This Time

There is a big generation gap in language as an advance ticket seller to the Gem and Mineral show to be held next Saturday and Sunday discovered.

She was in a bank and asked one of the tellers if any person behind the counter wanted tickets.

The teller turned around and asked, "Does anyone want to buy a ticket to a rock show?"

Answer came back, loud and clear: "Sure, who's playing?"

Seal of U.S. Stone, Photos Of Moon Rocks Among Exhibits

A "gem" of a show is in the making at Pershing Auditorium.

It will be the annual show of their hobby (and in some cases, business) by members of the Lincoln Gem and Mineral Club.

Over 2,500 people viewed the show last year and Lloyd Lederer, 1969 show chairman, expects that mark to be surpassed.

"We're planning the biggest show in the midwest," Lederer says. "We expect to attract around 3,000 not counting school children to whom we give free tickets."

This year's show, the 11th annual, will be presented Saturday and Sunday.

Over 200 individual exhibits are registered for the two-day show which will be open Saturday from 10 a.m. to 9 p.m., and on Sunday from 10 a.m. to 8 p.m.

"The Lincoln Gem and



The Lincoln Gem and Mineral Club's show is the first occasion for a public showing of moon rock photos provided by the National Aeronautics and Space Administration (NASA). The pictures, including four in color, were obtained for the show by Secretary of State Frank Marsh. The pictures, including this one, were taken by NASA after the return of Apollo 11 from the first lunar trip by man. NASA's description of this rock: "A coarse grained, vesicular, crystalline rock (sample 10050)."



Great Seal of the United States reproduced in stone.

Mineral Club has about 120 members and we will each have at least one exhibit in the show. We are also expecting about 80 exhibits from other clubs around the country," said Lederer.

Special attractions include: NASA photos of moon rocks; the great Seal of the United States, an 84-lb. reproduction

of the seal done in stone, winner of the 1963 San Jose Show; 15 giant pieces of jewelry weighing a total of 122 pounds; the Masque of the Ancients, a copper mask 1 1/2 by 2 feet, adorned with stones; world-wide shell collection, shown by Leonard Hill III, winner of an international trophy.

There will also be a display of petrified wood from DuBois, Wyo., special demonstrations on gem faceting and silversmithing, and a collection of Indian artifacts from Nebraska City.

There will be three programs daily, including a fluorescence display, an illustrated talk on Turkey, and an exhibition of the Astro-Electronic Cabbing Machine, that cuts and polishes gems automatically.

John Lewis of Lincoln, the machine's inventor says it is "about 50 years ahead of its time."

Lederer said profits from the show will be used for scholarships, films, lectures and various gem and mineral studies, and to help in planning the 1978 National International show, recently awarded to the Lincoln club.

People Get a 'Buzz' Out of Funny Gem Show Machine

By ROGER HIRSCH

What else would you expect to find at a gem and rock show than an Astro-Electron Jewel and Cabochon Maker.

"It's 50 to 100 years ahead of its time," says John A. Lewis, 6225 Judson, who constructed the eight-foot-high monster.

Lewis, a science teacher at Robin Mickle Junior High, puts on a floppy black wig and pushes and pulls ubiquitous switches and buttons which run the "comic relief" machine. Buzzers, lights and flying rolls of toilet paper mystify the crowds of children.

When the machine is done, it has produced either a cabochon, a gem cut in convex form and used in jewelry, or a note giving an excuse why it has not.

"It's my hope to get people to believe in such a machine purely for fun," says Lewis, whose brainchild first appeared some eight years ago in smaller form.

Constructed of wood, Christmas-tree lights

telephones and washing machine parts, the cabochon maker concludes its activities by tossing paper into the crowd.

Elsewhere in the show at Pershing Auditorium, children and parents crowded around various displays. One popular item is the Masque of the Ancients, a copper mask one and a half by two feet which is adorned with various stones for

feathers, eyes and other facial features.

Also among the more prominent items is an 84-pound reproduction of the Great Seal of the U.S. done in stone. There are 15 giant pieces of "Jupiter's Jewelry" weighing 122 pounds.

Besides a display of large pieces of petrified wood, there is an extensive shell collection shown by Leonard Hill III, whose exhibit won an international trophy.

Besides the over 200 displays, many dealers are at the show, displaying and selling various gems and stones to be used in jewelry fish tanks or rock collections.

The 11th Annual Gem and Mineral Show will end at 8 p.m. Sunday. Those who do not go home with some gem or rock will, at least have been exposed to the fascinating world of rockhounds.



Cub Scout Stuart Eddins Jr., 9, son of Mr. and Mrs. Stuart Eddins, 5820 Franklin, was one of about 12 scouts of Pack 48 whose imagination was stirred by a giant moon display.

At Least One Kind of Rock Can Not Be Found at the Gem Show

By ROGER HIRSCH

"Hey, dad, is that a moon rock?"

There were some moon rock pictures, and a moon display, but if anyone came to the 11th Annual Gem & Mineral Show looking for moon rocks, they soon discarded the idea.

Over 200 displays of rocks, gems, shells and petrified wood captured the attention of adults and children who

flooded the auditorium following the Band Day parade.

One displayer, Debbie McGinnis, 19, 3444 Somerset, whose father is second vice president of the Lincoln Gem and Mineral Club, has only been collecting sea shells for two years but intends to keep it up. However, she feared if she returned to Florida to get more shells, she might want to stay.

Just as in a toy store, the younger set dashed from display to display, often digging out dimes and quarters to purchase pieces of agate, quartz and petrified wood.

Susan Noel, 8, daughter of Mr. and Mrs. Richard Noel, 3540 Stockwell, confessed to having a rock collection herself, but nothing as big as the displays at Pershing Auditorium. Along with Valerie Schroeder, 9, daughter of Mr. and Mrs. Hal Schroeder, 3760 So. 40th, they dug their hands in every box, searching for "the right gem or rock" to grace their collection.

As a pack of Cub Scouts scattered among the displays, much to the chagrin of the den mother, one blond haired boy summed up his opinion of the show, which continues through Sunday.

"Boy, they sure do have a lot of rocks," said the young Scout. "I hope they get some moon rocks next year."



Moon Rock Photo Photo micrograph showing thin section of moon rock magnified about 60 times is among photos in Lincoln Gem and Mineral Club show at Auditorium today. National Aeronautics and Space Administration says picture includes feldspar (blue, white), ilmenite (black) and pyroxene (red, green, orange). Large arcs are vesicles or bubbles.

'Everyday' . . . How About Masquerade



The Masque of the Ancients is just one of the objects that draws kids' attention at the 11th annual Gem & Mineral Show. In the foreground is Kenny Plith, 10, 1620 Nemaha, son of Mr. and Mrs. Kenneth Plith; behind is Matt Yetter, 9, 1644 Nemaha, son of Mr. and Mrs. Walter Yetter Jr. Story on Page 6B.

Minerals, Gems Seen By 3,000

An estimated 3,000 persons attended the two-day 11th annual Gem and Mineral Show Saturday and Sunday that featured displays ranging from pictures and explanations of moon rocks to a 2,000-piece collection of Indian artifacts.

The over 200 exhibitors were almost all from the Midwest, according to show chairman Lloyd Lederer, with some special exhibits from places as far away as Alaska and California.

One exhibit displayed several pieces of jewelry including a jade bracelet, ring and earrings made by Nebraska's poet laureate John G. Niehardt when he was a young man.

The jade jewelry set was patterned after Indian jewelry, a culture that has influenced and is present in much of Niehardt's writings.

The show was sponsored by the 120-member Lincoln Gem and Mineral Club.



Gem and Mineral Club Elects Officers

Outgoing president, G. W. McKinney, received a trophy from Mrs. Louise Baugher outgoing first vice-president during the recent installation of officers for the Lincoln Gem and Mineral club. New Officers are: Mrs. Phyllis Parks, president; Frank Rule, first vice-president; C. Ray Waddle, second vice-president; Ralph Ulrich, treasurer; Evelyn Ulrich, recording secretary; Irl Everett, Jim Parks, Roger Pabian, and Lynn Wells, board members. (SUN Photo by James Buttke.)

Lincoln Gem Show Has 'Carnival Atmosphere'

Any curious sightseers wandering down to Pershing Auditorium this weekend for the Lincoln Gem & Mineral Show may have been in for a surprise.

Bespectacled geologists that one might expect to see bending over prized studies of unpronounceable specimens were not in evidence. Instead, an exposition with a carnival atmosphere of hoopla and hubbalooboo surrounded the more than 200 exhibits of gems, minerals, fossils and fluorescent.

Twelve dealers from all parts of the country furnished an old-style bazaar and bid-type atmosphere — as they placed their wares on tables encircling the room — and made a market place of agates, tigerstones, quartz, jades and every imaginable rock or gem.

Spectators were allowed to purchase stones and any of dozens of settings for costume jewelry. For the more cautious customer, pre-set jewelry was included in the cases.

Women with "dishpan diamonds" had an opportunity to view their rings under a jeweler's microscope. A written report on the stone was also furnished to the ladies, free of charge.

A collection of rocks and rare stones owned by Nebraska poet laureate John Niehardt was featured among the 200 individual exhibits. Two white ivory bookends, which were sculptured by the poet's late wife and which depict him reading a book,

were included in the selection.

One of the prize-winning displays was an appropriately labeled selection of giant-sized jewelry called "Jupiter's Jewels." The selection featured the clips, cuff links and other pieces weighing up to 122 pounds.

An "exclusive" was a display featuring eight previously unseen moon photos, which have been released to the Lincoln Gem & Mineral Club through Nebraska Secretary of State Frank Marshall.

The show which, was the 11th annual one sponsored by the Lincoln Gem & Mineral Club, drew some 3,000 visitors. Club president G. W. McKinney directed the exhibits.

LAST DAY

of the 11th Annual Gem & Mineral

ROCK SHOW

First Official Moon Rock Pictures, vivid, clear color photos Over 200 individual displays So much to do and see, 10 A.M. to 8 P.M.

Pershing Auditorium

Adults 1.00, Children 50c