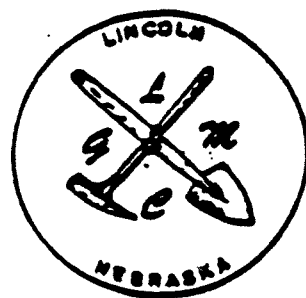


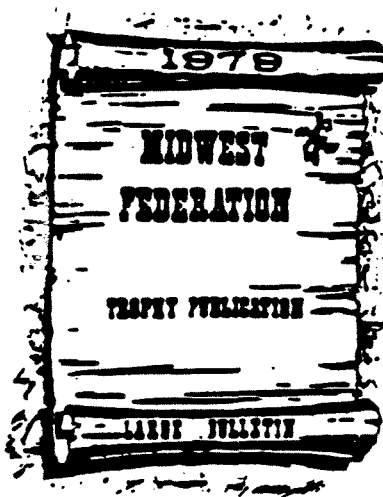
THE PICK & SHOVEL



MAY
1988

In this issue.

Summer "CALENDAR"
Morrill Hall Classes
Exchanges
NEIHARDT SPRING CONFERENCE A
SUCCESS
THE GROS VENTRE SLIDE



OFFICIAL PUBLICATION OF

Lincoln Gem and Mineral Club, Inc.

P. O. Box 5342

Lincoln, Nebraska 68505

LINCOLN GEM AND MINERAL CLUB, INC.
P.O. BOX 5342, LINCOLN, NE 68505-0342

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

MEMBER: American Federation of Mineralogical Societies (AFMS)
Midwest Federation of Mineralogical and Geological Societies (MWF)
Nebraska Association of Earth Science Clubs, Inc. (NAOESCI)
Nebraska Academy of Science (NAS) (Life Membership)
Friends of the Museum

Regular Meetings: 4th Saturday of the month, September thru May; 7:30 P.M.
At Nebraska Center, 33rd & Holdrege

1988 ELECTED OFFICERS:

President.....Kevin Schwartman	1134 West Avon Ln Lincoln, 68505	464-3059
1st Vice Pres.....Fred Holbert	2822 S. 13th St. Lincoln, 68502	423-5639
2nd Vice Pres.....Jim Parks	2435 S. 19th St. Lincoln, 68502	476-6798
Secretary.....Vera Lyman	420 N. 56th St. Lincoln, 68504	464-6089
Treasurer.....Phyllis Parks	2435 S. 19th St. Lincoln, 68502	476-6798
Board Member.....Dave Heffelbower	1819 Washington Lincoln, 68502	475-4713
Board Member.....Gerald Moore	2305 S. 35th St. Lincoln, 68506	489-4184
Board Member.....Shirley Rockel	1134 West Avon Ln Lincoln, 68505	464-3059
Board Member.....Tom Simmons	2970 South St. Lincoln, 68502	488-1619

NOMINATING COMMITTEE -- 3 years: Phyllis Parks, Janet Wright
2 years: Dave Heffelbower, Wm. Rockel
1 year: Irl Everett, Claude Scott
Linda Parks, Chairperson

LONGE RANGE PLANNING AND BY-LAWS COMMITTEE:

1 year - Jim Taylor, Irl Everett 3 years - Bob Wright, Linda Parks
2 years - Claude Scott, Phyllis Parks Linda Parks, Chairperson

STANDING COMMITTEE CHAIRPEOPLE:

Calling.....Phyllis Parks	Membership.....Shirley Rockel
Education.....Roger Pabian	MWF Liaison.....Marie Taylor
Field Trips.....	Programs.....Roger Pabian
Historian.....John & Lillie Lewis	Scholarships.....Marie Taylor
Hospitality.....Ed Ridge	Xmas Party.....Janet Wright
Housing/Property.....Jim Parks	1988 Rockhound/Yr....Ed Ridge
Jr. Activities.....Janet Wright	1988 Annual Show....Roger Pabian
Librarian.....Jim Parks	1989 Annual Show....John Harrison

AUDITING COMMITTEE 1986-1987.....Lois Hunt, Bruce Simon
Shirley Rockel, Chairperson
Phyllis Parks, Treasurer

PICK & SHOVEL STAFF:

Editors.....Board of Directors
Co-ordinator...Vera Lyman, 420 N. 56 St. Lincoln, NE 68504 (NAOESCI Reporter)
Circulation....Dave & Wilma Heffelbower
Rays of Sunshine.....Wilma Heffelbower
Reporters....."CLUB MEMBERS"

DEADLINE: 1st of Month of Issue. Original articles may be reprinted if credit is given the author and THE PICK & SHOVEL and a copy of the publication is sent to the Editor.

CALENDAR

May							1988
S	M	T	W	T	F	S	
1	2	3	4	5	6	7	
8	9	10	11	12	13	14	
15	16	17	18	19	20	21	
22	23	24	25	26	27	28	
29	30	31					

MAY MEETING: Saturday, May 21, 7:30 P.M.
Bethany Park Shelter, Cotner & Vine

NOTE - 3rd
SATURDAY

Annual Dessert Supper-Bring your treats!
Coffee & Tea will be provided.



MAY PROGRAM: Members get to 'Hunt for Sapphires' so bring your best 'eyes'.

SUMMER: Possible Picnic - Keep in touch with calling committee.
Possible Field Trip to Crawford - Check with committees.

NEXT BOARD MEETING: Tentatively Mon. August 29 at 7 P.M. You will be called.

Sept. Meeting: Sept. 24, 1988, 7:30 P.M. at Nebraska Center, Beatrice Room.

SHOWS, SWAPS, OTHER ACTIVITIES For Your Calendar

- May 15 FIELD TRIP LGMC Juniors to Garland, NE Meet at 12 noon
- May 20-22 SWAP Ellinwood, Kansas
- May 28 AUCTION Cozad, Nebraska - Ross Laird Rock Collection
- June 18-19 SWAP Beatrice, Ne. - Chautauqua Park
- July 9-10 SHOW Columbus, Ne. - Wunderlick's, Hwy. 30 East
- July 16-17 SHOW Moose Lake, Minn. -High School Auditorium
AGATE STAMPEDE - Sat. July 16 at 2 PM
- July 22-24 FIELD TRIP LGMC Juniors overnighiter - Weeping Water
- Aug. 1-2 SHOW Norfolk, Ne. - Senior Citizens Center
- Aug. 13-14 SHOW Mitchell, So. Dak. - Guided Tours to Lake Mitchell Indian
Historical Site
- Sep. 10-11 SWAP Kearney, Ne. - Cotton Mill Lake
- Oct. 8-9 STATE SHOW Omaha, Ne.-Nebraska Mineral & Gem Club Hosts
- Oct. 15-16 SHOW Grand Island, Ne. - Fonner Park

Welcome New Members - Please add to your Who's Who



Aaron Hames, Junior Member sponsored by Jan Wright
2955 Wendover, Lincoln 68502 Phone 474-6298

Michael & Sandra McNiff, Russell, Riley and Rawlin
2452 Colonial Drive, 68502 Phone 483-1165

These members have moved - update for your Who's Who

Claude & Gail Clare Scott
708 M Street, Aurora, Ne. 68818
(402) 694-5292

Linda M. Parks (Lyn)
Apt. 512, 4497 Pershing
St. Louis, Mo. 63108
(314) 534-2309

Hello Friends:

Summer is almost here as is the rock hunting season. I will be starting a full time job with the Nebraska Book Company; so, hopefully, I will be able to do some rock hunting, too, this summer.

I am nearly done with my thesis research and will begin writing my thesis this summer. This Fall I will be ready to defend my thesis.

At our last meeting we discussed taking a field trip to Crawford, Nebraska over the Labor Day Weekend. Visiting agate hunting sites and going over the regional geology of the Pine Ridge are on the agenda. If you are interested in taking this tour or if you have any questions regarding the tour, please come to our next meeting and we will discuss the excursion; or contact me or one of the calling committee if you will be unable to attend the meeting.

Our May meeting will be the last before summer; so you will not want to miss this meeting. Another unusual program is planned. We will be digging for sapphires from the left-over gravel from our Gem Show last March.

I hope to see you all on the 21st of May.

Kevin J. Schwartzman

* * * * *

SUMMERTIME FUN!

MORRILL HALL CLASSES to focus on dinosaurs, fossils, art, space

Classes will be held at Morrill Hall on the University of Nebraska-Lincoln campus this summer between July 18 and August 20 as part of the Summer Discover Classes. For information and registration forms, call the museum at 472-6365.

* * * * *

EXCHANGES:

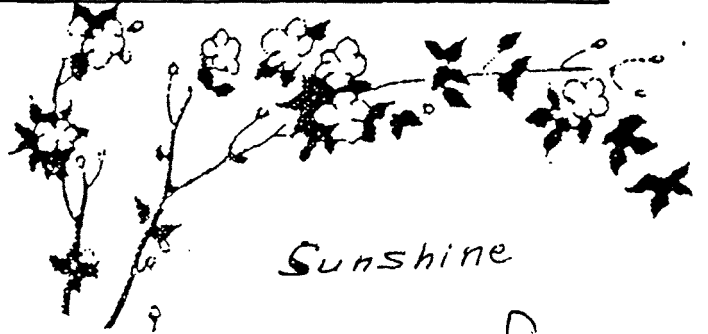
Once upon a time there was a little mouse who lived in a butcher shop. Much to his delight, the butcher forgot to put away a large link of sausage. After the shop was closed, the little rodent came out to see what goodies he could find, and he could hardly contain himself as he ran up and down the counter saying "It's mine, all mine." So he ate and ate 'til he was so full he could hardly move. And he gave a squeal of delight because of this good fortune. Well, this woke up the cat that was sleeping by the door. Because the little mouse couldn't run, the cat caught him and gobbled him up. The moral - when you're full of baloney, 'keep your mouth shut!'

Pegmatite 3/87 via Tule Smoke Signals 11/87

Going to church doesn't make you a Christian any more than going to a garage makes you an automobile. via Psephite & Pomona Rockhounds

The BATHTUB was invented in 1850; the telephone in 1875. Had you lived in 1850 you could have sat in the bathtub for 25 years before the phone rang.

The Rock Bag and Tips & Chips



Sunshine

May

Corner



I wish you
 a summer of
 Lapis skies,
 Pyrite sun,
 Jade grass.

Have a happy
 Summer



Billie
 Sunbeam

MORE EXCHANGES:

Praise: Something a person tells you about yourself that you've suspected all along.

via Dinny's Doin's of Fossils for Fun Society.

Whoever said, "Nothing is impossible," never tried to slam a revolving door!

Dinny's Doin's

MAYBE men are better drivers than women, but you've never heard of a woman wrecking a car because some man on the corner had nice legs.

Dinny's Doin's

If we're really being observed by people from outer space, why don't we hear them giggling?

--Orben's Comedy Fillers via Dinny's Doin's

Have you heard about the pill that's half aspirin and half glue? It's for the splitting headache.

Dinny's Doin's

GOOD THOUGHT FOR THE MONTH: If you expect perfection from people, your whole life is a series of disappointments, grumblings and complaints. If, on the contrary, you pitch your expectations low, taking folks as the inefficient creatures which they are, you are frequently surprised by having them perform even better than you had hoped.

via Dinny's Doin's from Napa Gems

"The world hates change," a famous inventor once said, adding "yet it is the only thing that has brought progress."

Dinny's Doin's via Bits & Pieces

LAPIDARY - Someone who grinds his fingernails, sands his knuckles, and polishes his vocabulary while trying to do the same thing to a piece of agate.

vis Pegmatite and Gulfport Gems

A flock of chickens was in the yard when a football flew over the fence and landed in their midst. A rooster strutted over, studied it, and then said, "I'm not complaining, girls, but look at the work they are turning out next door."

Pegmatite via Gulfport Gems

If you don't believe in cooperation, just observe what happens to a wagon when one wheel comes off.

Pegmatite via Mountain Gem

A research organization, making a study of juvenile delinquency, telephoned fifty homes between 9:30 and 10:30 at night to ask parents if they knew where their children were. Half the calls were answered by children who had no idea where their parents were.

Pegmatite via Rockhounder

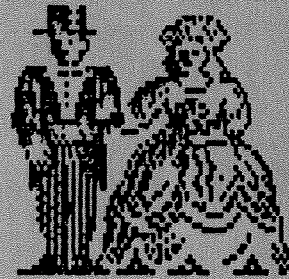
According to the American Geological Institute Glossary of Geologic Terms - "Rockhound" is a term first used by oil well drillers for geologists, who often smell rock samples taken from the well cuttings for the odor of oil. They said "he hunts for oil like a hound dog, thus he is a 'rockhound'". Since then, anyone who picks up rocks is called a "ROCKHOUND".

Pegmatite --Rockhound Record

Linda and her family wish to invite
our Lincoln Gem & Mineral Club
Friends to share in the Celebration
of Her Marriage to David Lundgren
on Saturday, July 30, 1988 at 4 PM
in the Sunken Garden at 27th & D
Streets. Reception immediately
following - 5 to 7 PM at the
Nebraska Center, 33rd & Holdrege
Streets.

Linda Marie Parks
will marry
David Brian Lundgren
at 4 p.m. on Saturday,
July 30, 1988
in the Sunken Gardens.

RSVP to Phyllis if you will attend.



LINCOLN GEM & MINERAL CLUB, INC. - BOARD OF DIRECTORS - April 4, 1988

American Charter, 40th & South Sts. - Mon. April 4 @ 7:30 P.M.

8 Board members & Roger Pabian present. Fred Holbert absent.

Minutes of the March Meeting were read with motion for approval by Dave Heffelbower, 2nd by Gerald Moore. Carried.

Treasurer's report read with motion for approval by Tom Simmons, 2nd by Dave H. Carried.

CLUB BILLS: Paid but need approval:

\$ 25.00 & 5.08 Dave H. - Donuts; coffee: set-up at show 3-18-88
 6.35 Dave H. - P&S Publication
 62.50 Lincoln Postmaster - 500 pre-canceled stamps
 101.78 NE Center - Meeting Rm & refreshments - Feb. Scholarship meeting
 70.11 UNL Printing - March P&S (250)
 180.00 Security Storage - 6 months
 1,000.00 NBC Money Market Account

Motion for approval by Gerald Moore, 2nd by Tom Simmons. Carried.

Payment & approval:

\$ 17.50 Dave H. - Rock candy rings for '89 Anniversary Cake

SHOW BILLS: Paid but need approval:

\$ 26.75 Transfer from P&S of 12½¢ stamps (214) to mail '88 Show flyers
 96.00 State of NE - parking privilege for Show
 436.80 The Prospector - Sat. night dinner
 240.00 Harry Stewart - Show Security - Fri & Sat nights (12 Hr ea) @ \$ 10.00
 37.53 Jonathan Rice (UNL) - Materials for gold panning
 25.00 Lyle Peterson - Program (Returned to Club for Show Fund)
 25.00 R. George Corner - Program
 25.00 Barry & Delores Rose - Program
 25.00 Jim Kirkland - Program
 25.00 Kevin Schwartman - Program
 25.00 Thomas White - Program (Returned to Club for Show Fund)
 25.00 Roger Pabian - Program
 5.74 Jim Null - Cleaning supplies
 1.15 Dave Heffelbower - Marker
 1,200.00 Pershing - Balance on rental of ground level, tables, chairs, drapes
 100.00 Sun Newspaper - (3/16) Front page ad.
 92.76 Schwarz Paper Co. - Table cover & masking tape
 2.90 Roger Pabian - Type setting for exhibit certificate
 4.38 Jim Marburger - Supplies for Sapphire Dig
 13.82 Latsch's - Envelopes for Sapphire Dig
 36.40 Accent Printing - 1000 Show flyers
 9.10 Accent Printing - Certificates of App. - Membership letters - Passes
 176.71 Accent Printing - 1500 Canary Handout programs
 15.83 Accent Printing - 250 copies
 16.73 Fred Holbert - Dealer expenses
 45.00 Fred Holbert - Sapphire concentrate
 130.76 Page Trophy - Ribbons & holders for name tags
 542.78 Journal-Star Printing - Display Ad
 170.88 NE Dept. of Revenue - Sales Tax (on Gate Receipts) Accts Payable 1-25-89

Motion for approval by Dave Heffelbower, 2nd by Gerald Moore. Carried.

MEMBERSHIP:

New:

Dwight D. & Dorothy S. Miller

Re-instatement:

Ralph & Rosa Lee Ulrich

John Abel

Ollie Wittmann

Bob Fixter

Motion to accept by Shirley Rockel, 2nd by Gerald Moore. Carried.

ANNOUNCEMENTS: John Harrison will be Show Chairman for 1989.

Copy of program of Mineral Heritage Stamps ceremony requested via letter. Will announce at General Meeting.

As of May 1, Am. Charter will charge \$ 30.00 for their meeting rm. Decided to have Board Meetings at Libraries.

Respectfully submitted, Vera Lyman, Secretary

Vera Lyman

LINCOLN GEM & MINERAL CLUB, INC. - GENERAL MEETING - April 23, 1988 - 7:30 P.M.
 NE Center - Beatrice Room

Minutes of the March Meeting approved as printed with motion by Irl Everett, 2nd by Marie Taylor. Carried.

Treasurer's report approved as printed with motion by Billie Heffelbower, 2nd by Adeline Nolde. Carried.

HOSPITALITY REPORT: 2 guests, 36 Adults, 7 Juniors.

Adeline reports that Helena Baegl is doing well, more cheerful and sounds more like herself again.

NO OLD BUSINESS.

NEW BUSINESS:

Board of Directors had recommended that we consider a 3-year contract with Pershing Auditorium for our annual shows. This would give us a guaranteed date and rate.

Discussion followed. Then motion was made by Dave Heffelbower that we accept 3-year contract with Pershing, as recommended by Board. 2nd by Jim Taylor. Motion carried unanimously.

Marie Wells - Question of Crawford Trip on Labor Day Weekend. Tom Simmons would be very happy to serve as guide for the trip. Discussion.

Motion by Marie W. that we have a Labor Day trip to Crawford on Sept. 3,4,5. (Sat. Sun., Mon.) 2nd by Janet Wright. Carried.

COMMITTEE REPORTS:

Janet Wright reported that Juniors have several summer dates planned.

May 15 - Trip to Garland quarry

July 22 & 23 - Camp-out at Thorn Haven, near Nebraska City

ANNOUNCEMENTS:

Roger reminded everyone that the Hastings Show was this weekend.

Board Meeting - May 2 (Mon) 7:30 P.M. at Rockel home.

PROGRAM:

George Corner discovered copies of 193 manuscripts of Radio Programs at the museum. Roger thought it would be an excellent idea to have several narrated at our Club meetings. #193 - dated June 1, 1933 was narrated by Billie Heffelbower. It was an interesting narration on Agates; and certainly a different type of program. Thanks, Roger, for the idea; and Thanks Billie, for the narration.

Respectfully submitted,

Vera Lyman
 Vera Lyman, Secretary

LGMC Treasurer's Report for April 1988

NBC Checking 3/31/88 \$ 346.16

Receipts:	Subscription Pick & Shovel	5.00	
	Sale of Junior's Donated Materials	5.00	
	'88 Dues & Registrations Members	<u>18.00</u>	28.00

Payments:	Favors for 1989 LGMC BD Cake	17.50	
	Membership mailing special notice	12.50	
	Membership committee mailings	8.25	
	Treas.Rct.Book, Ledger Sheets, Post.	27.06	
	Addl.postage April P & S	8.40	
	Nebraska Center Room Rent March	<u>30.00</u>	103.71

National Bank Commerce Checking 4-30-88 270.45

NEIHARDT SPRING CONFERENCE A SUCCESS

More than a hundred people, the largest attendance yet at a Neihardt Spring Conference, were on hand at the John G. Neihardt Cultural Center in Bancroft, Nebraska, Saturday, April 23, 1988, to consider the topic, "Neihardt and the Classics." The morning opened with a welcome from Marie Vogt, president of the John G. Neihardt Foundation, and then with delightful reminiscences by the poet's daughter, Hilda Neihardt Petri, of her father at work. Wayne State College theater students provided dramatic readings from A Cycle of the West, including the death of Crazy Horse. Their style of reading, individually and in unison, was reminiscent of the Greek Chorus, emphasizing the classical aspects of their selections.

Dr. David C. Young, son of LGMC members J.D. and Myrtle Young, a respected classicist with an international reputation who teaches at the University of California at Santa Barbara, was the keynote speaker for the conference. Dr. Young discussed the influence of early classical literature, especially that of the ancient Greeks, Homer and Pindar, and to a lesser extent the Roman, Vergil, on Neihardt's work. He emphasized the difficulty of Neihardt's mastering Greek by himself--without a teacher--an almost impossible task, according to Dr. Young. Yet Neihardt felt that, if he were going to write an epic, he must master the language in which the most important epics had been written.

Dr. Young's presentation ranged from the lively summary of Homer's Iliad, which even teenagers would enjoy in the context of their fights over girlfriends, through the effect of the very young John Neihardt in Kansas City of the friendship with Dick Scammon, whose "treasure house," a large room off the haymow of the stable, had walls covered with pictures of warriors in chariots, gods and goddesses, kings and heroes, according to Neihardt's autobiography. Neihardt recounts that, when Dick Scammon asked if he was interested in the Trojan War, he "had not yet heard that hostilities had broken out" and "lamely admitted as much." Thus began a life-long love affair with a story that Dick quoted his mother as saying is "a story that will live forever, and so it will always be happening."

That the story "will live forever and so will always be happening" lies in the dramatic impact that Homer achieved by concentrating the story, not on the siege of Troy, but on the tragic effect of one man's anger. According to Dr. Young, one of Neihardt's works which especially reflects this influence is The Song of Three Friends--Carpenter, Fink, and Talbeau, with the problem, of course, brought on, as in the Iliad, by conflict over a woman.

Dr. Young's presentation was enhanced by quotations from the poetry in the Ancient Greek, which, in his rich, mellow voice, sounded more like music than words. His skillful translations and paraphrases greatly enhanced the presentation.

The afternoon session continued with a talk by Sally McClusky on "The Meaning and Value of the Classical Tradition to John G. Neihardt." Sally McClusky is a writer and consultant for the publishers, Holt, Reinhart and Winston, and came to know Neihardt personally while writing her dissertation, "Ideas and Images in the Work of John G. Neihardt." Although, in following Dr. Young, she said she felt "a little like the man who felt that the rest of the world was a tuxedo and he was a brown

shoe," she had some worthwhile ideas to offer, especially from the viewpoint of the publishers in the modern situation. A panel discussion on "The Classics Today" by the featured speakers plus Kent Blaser of Wayne State College explored the current practices of omitting the classics from the curriculum or of simplifying them, the so-called "dumbing down" that we find even in current translations of the Bible.

It was a beautiful day, made even more beautiful by the obvious joy of the Young family, who were together for the first time in fifteen years: Myrtle and J.D. from Lincoln, Nebraska; Kay Young from Bellevue, Nebraska; David from Santa Barbara, California; and Don from Minneapolis, Minnesota, along with a niece from Fremont, Nebraska, and a nephew from Phoenix, Arizona. Their spirits seemed not to have been dampened by Dr. David Young's flight from California having been canceled because of mechanical failures and his having to fly all night on various round-about routings to arrive in Omaha at 9:30 a.m., only an hour before his scheduled presentation in Bancroft. Nor by Don Young's having to drive most of the night because of running into the tail end of a blizzard that mercifully avoided the Bancroft area. Nor from the complex detours on Highway 77, the usual route from Omaha.

As Lincoln Gem and Mineral Club Honorary Life Member John G. Neihardt would have put it, "It was a good day to remember."

Florence (Boring) Lueninghoener

NEIHARDT FOUNDATION GENERAL MEETING DATE CHANGED

LGMC members of the Neihardt Foundation will be glad to know that the date for the annual general meeting has been changed from the second Tuesday evening in January to 9:45 a.m. of the Annual Neihardt Day each year. This year the date will be August 7th. This action was taken by the Neihardt Foundation Board of Directors at their meeting following the Spring Conference in order to increase attendance at the general meeting. The traditional January evening date served well in earlier years when most of the members were Bancroft residents. With the increase in membership from widely scattered areas, the weather factors of early January proved to be a serious handicap.

Florence (Boring) Lueninghoener

THE GROS VENTRE SLIDE

Two beautiful rivers dominated much of our scenery from the Craters of the Moon through the more exciting parts of Wyoming: the upper reaches of the Snake River, which rises in the southern part of Yellowstone National Park, flows in sweeping curves past the eastern base of the Tetons, and ultimately drains into the Columbia in Washington State; and the Wind River, which is the roadside companion of the main highway from Dubois to Riverton until it turns northward through Wind River Canyon to become the Bighorn River. However, two other Wyoming rivers, the Gros Ventre and the Popo Agie, were to figure more directly in our travels.

We spent two nights in Idaho Falls in a comfortable motel overlooking the Snake River Falls, then crossed the Tetons at Teton Pass, one of nature spots that seem especially designed for a movie scene on solitude. This time it was not so much the Tetons themselves that we wanted to experience--though we welcomed them like old friends. Rather it was the site of a huge natural earth movement which had occurred along the Gros Ventre River southeast of Jackson Hole on the morning of June 23, 1925. The scars of the slide are still highly visible.

The Gros Ventre Mountain Range, from which the river takes its name, lies to the east and southeast of the Tetons, with Jackson Hole between them. Although the rocks in both ranges are incredibly old, about 2,500 million years, the Tetons are the youngest and smallest branch of the Rockies and are still uplifting. The Gros Ventre Range is also rough and rugged, but not quite so spectacular.

Perhaps the story of the slide can best be told by the information copied from the two shingles at the site:

A River Dammed

"The Gros Ventre slide may have been started by heavy prolonged rainfall. Some 50 million cubic yards of sandstone, limestone, shale and rock, about one mile long and 2000 feet wide, and several hundred feet deep in places, plunged down and formed a dam 225 ft high and nearly a half mile wide across the Gros Ventre River. A lake was created above the dam.

"For almost two years this earth dam held. Then on May 18, 1927, part of the dam gave way and a wall of water, mud, and rock flowed down the canyon destroying valuable property. Ranch lands were ruined by mud and rubble and the town of Kelly, three and one-half miles downstream, was practically wiped out. Six persons drowned."

The Gros Ventre Slide
An Unusual Area

"The path of the slide can be seen. Young trees carried down from higher elevations still live in spite of the change of location. Engelmann spruce and quaking aspen produced rings of different thickness in their growth layers indicating the time of the landslide and their relocation.

"New trees have grown on the landslide and many colorful plants may be seen at certain times of the year. The slide area is the habitat of mice, chipmunks, conies, marmots, and beaver."

As we had lunch at all that remains of the little town of Kelly-- a service station with a lunch counter and the small house and mobile home of those who run it--we spoke of the beautiful 1100-acre lake, Lower Slide Lake, still remaining from the slide, and of the five mountain sheep we had been fortunate to see making their sure-footed way along the slope beyond the roadside cut. We commented, too, on the similarities and differences between this slide, apparently caused by rain-soaked earth slippage, and the Hebgen Slide on the Madison River in West Yellowstone, Montana, which we had seen in 1984. The Hebgen Slide was caused when the strongest earthquake ever recorded in the Rockies shook an area of some 580,000 square miles on August 17, 1959, buried 28 people under millions of tons of rock, and formed a lake a mile wide and five miles long.

The other river which captured our attention on our journey home was the Middle Fork of the Popo Agie River, in an area known as Sinks Canyon about six miles southwest of Lander, Wyoming. Here the stream disappears into a cavern on the south side of the valley and emerges again in a spring on the north side of the road, about a half mile away, forming a pool known as The Rise, jammed with huge trout waiting for visitors to toss them bread. The river flows through a canyon eroded into Pennsylvania Tensleep Sandstone. The upper end of the canyon exposes Precambrian rock. The Sinks are located in thick Mississippian Madison limestone, which has an eastward dip away from the Wind River Mountains. This allows the water to enter the bedding planes, move downward below stream level, and rise upward farther downstream through fractures in the rock. Dye put into the water as it enters the cavern emerges in the spring about two hours later.

With so many beautiful places in this country of ours, one can hardly wait to start traveling again.

Florence (Boring) Lueninghoener

DON'T FORGET!

BRING A SMALL LIGHT AND A MAGNIFYING GLASS TO THE MAY MEETING.

THESE WILL HELP YOU IMMENSELY IN YOUR QUEST FOR THAT SAPPHIRE.

ALSO, KEEP IN MIND THAT THE GRAVEL CONTAINS SOME VERY NICE GARNETS TOO.

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PHONE 466-6204



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J J & L ROCKS & MINERALS

"Supplies for the novice to the discriminating Rock Hound"

(402) 792-2337

Shop at 330 Locust, Hickman, Ne.

Mail order & Free Catalog, Box 68, Hickman, Ne. 68372

Jim Marburger

John Harrison

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FOSSILS

ROUGH
MINERALS
SPECIMENS

CABACHONS
FINDINGS
SLABS

FINISHED JEWELRY
SUPPLIES

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

Advertising by a rock-hobby business or interest is permitted with approval of the Board, at a rate now set at \$15.00 per full page per insertion, paid in advance.

1/2 page \$7.50, 1/3 page \$5.00 1/4 page \$3.75 (min). These ads will be placed throughout the bulletin as space permits.

Subscriptions to THE PICK & SHOVEL are \$5.00 per year mailed.

Dues to LINCOLN GEM & MINERAL CLUB are as follows:

Adult membership fee \$5.00 (age 16 and over)

Junior membership fee \$1.00 (age 12-16)

Family membership fee \$11.00 (husband, wife and all children under 16 - permanent residents of household)

New membership must be approved by the Board, after applicant attends at least one (1) regular meeting of the club, and pay the above dues plus \$1.00 registration fee.

DON'T FORGET: MAY GENERAL MEETING

Bethany Park Shelter House

REMEMBER: Bring dessert!!

Also have a chance to dig for some sapphires!

Roger asks that you bring a small light (flashlight) of some sort if you have one. It will be real helpful when looking for sapphires.

EVERYONE HAVE A GREAT SUMMER! AND WE'LL SEE YOU IN SEPTEMBER!

REGIONAL SHOW SCHEDULE:

1988 Calif.	Eastern	Midwest	Northwest	Rocky Mountain	South Central
Costa Mesa, CA Aug. 26-28		Macomb, IL July 14-17	Kennewick, WA Sept. 9-11	Bismark, ND June 17-19	Shreveport, LA Aug. 11-14



h.e.l.p.

HELP ELIMINATE LITTER PLEASE!

MAIL ALL EXCHANGE BULLETINS TO:

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



Edward Ridge
 2507 A st.
 Lincoln NE 68502