



Central Dakota Gem and Mineral Society
Mrs. Blossomae Campbell, Editor
1134 North 28th Street
Bismarck, North Dakota 58501

DIGGINS FROM DAKOTA

CENTRAL DAKOTA GEM & MINERAL SOCIETY

- AIM:
1. The study of Mineralogy and Geology.
 2. To foster field trips to collect minerals, gems and fossils.
 3. The improvement of its members in the art of cutting, polishing and mounting gem material.
 4. To provide opportunity for the exchange, purchase and exhibition of specimens and material.

The Central Dakota Gem and Mineral Society is affiliated with:
The Rocky Mountain Federation of Mineralogical Societies
The American Federation of Mineralogical Societies

MEETINGS: First Sunday of each month in the Hospitality Room of Capital Electric Co-op Building on Highway 83 north of Bismarck. Meeting time is 7:30 P. M.

VISITORS ARE ALWAYS WELCOME.

OFFICERS:

President.....	John Dosch.....	1425 N. 15th St., Bismarck.....	255-1924
Vice-President.....	Earle Campbell.....	1134 N. 28th St., Bismarck.....	255-3658
Secretary.....	Stanley Fairaizl.....	205 6th Ave. NW, Mandan.....	663-9712
Treasurer.....	William Buresh.....	1527 N. 19th St., Bismarck.....	223-0611
Program Chairman.....	DeLane Meier.....	516½ Gary Ave., Bismarck.....	223-8579
Field Trip Chairman...	Ronnie Stelter.....	Wilton.....	734-6483
Librarian.....	Ewald Muggli.....	Glen Ullin.....	348-3897
Nominations.....	Vernie Peterson.....	615 N. 12th St., Bismarck.....	223-9179
Refreshments.....	Mrs. Albert Anderson..	RR. #2, Bismarck.....	673-4585
Annual Show.....	Gordon Bell.....	515 N. 22nd St., Bismarck.....	223-5146
Historian.....	Mrs. Ted Giese.....	New Salem.....	843-7005
Official Greeter.....	Dick Bergantine.....	703 12th Ave. NW, Mandan.....	663-3419
Editor.....	Mrs. Earle Campbell..	1134 N. 28th St., Bismarck.....	255-3658
Pebble Pup Leader.....	Harold Brady.....	1401 Sunny Rd., Mandan.....	663-3904

All contributions should be mailed to the editor, Mrs. Earle Campbell, 1134 N. 28th Bismarck. Please have them in by the tenth of each month.

Other editors may reprint any article from this Bulletin. A credit line would be appreciated.



- WHO: You, a member of the Central Dakota Gem & Mineral Society.
- WHAT: A picnic! A picnic! We're gonna have a picnic!
- WHERE: At the shelter in the JC Park. Entrance to the park is in the 1200 block on North Washington.
- WHEN: August 5th at 6:00 p.m. Please note the change in time for this meeting only.

Members are asked to bring their own table service, sandwiches enough for their family, and whatever they wish to drink - coffee, iced tea, kool-aid, etc. Those whose last names start with the letter "A" through "M" bring a hot dish or a salad, while those whose last names start with "N" through "Z" should bring a dessert. The food will all be put together.

There will be a short business meeting after the picnic.

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PRESIDENT'S LETTER

As per comments at the last meeting, everybody who went on the June 24th field trip were well pleased with their findings. We were unable to make this one again as we were on our vacation to Kansas and Colorado. I did a little rock swapping with one rockhound in Kansas. He was the only one we came in contact with. We stopped at two gravel pits in Hutchinson, Kansas, with not much luck.

One of our stops that the kids enjoyed was our visit to the frontier town of Dodge City.

See you all at the picnic.

John Dosch

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JULY MEETING

Because of the holiday weekend, we had a small turnout at the last meeting. Guests were Steve Stubbs, of Chaffee, Missouri, and Rosa and Julius Thies, Menoken. Mr. & Mrs. Thies have moved back to North Dakota after spending many years in Oregon. They joined the club so please put their names in your club roster.

Club members voted to sell advertising in the September Show bulletins.

Ron Stelter, field trip chairman, is hoping to make plans for a two day field trip to Montana during the Labor Day weekend. There will be more about the trip in next month's Diggins.

Dr. Gordon Bell was in charge of the program. He brought a satchel of rocks which he passed around to the members, describing each specimen in his own inimitable way.

SHOW DATES

July 20-22	Winnipeg Rock & Mineral Show.....	Winnipeg, Manitoba, Canada
July 21-22	Yellowstone Agate Club.....	Miles City, Montana
Aug. 25-26	Shoshone Rock Club.....	Powell, Wyoming
Sept. 8	Central Dakota Gem & Mineral Society.....	Bismarck, North Dakota
Sept. 15	Central Dakota Gem & Mineral Society.....	Mandan, North Dakota
Sept. 21-23	Williston Rock & Mineral Club.....	Williston, North Dakota
Oct. 6-7	Lakota Glacier Rock Club.....	Aberdeen, South Dakota

I am sorry that I do not have information about the Winnipeg Show at this time. Some of our members are planning to attend it, perhaps they will give us a report on it. From what I've heard, those Canadians put on a first rate show.

The show at Miles City, Montana is at Eastern Montana Fairgrounds. They have free camping, a slide program, a food concession booth, and field trips on Friday and Monday. They do charge a small admission fee - 50 cents, good for both days.

The show our group will have at Mandan is on the same day that downtown Mandan merchants are planning on a Flea Market. We will have use of the lobby of the Lewis and Clark Hotel, same as in past years.

Kirkwood Mall is the setting for the Bismarck show. This year you will be able to sell your jewelry, bookends, table tops, lamps, etc. to the public. Ten percent of each sale is to be given to the club treasury. September is just around the corner! Let's get busy on those displays! Let us make this the biggest show - or shows - that we have had!

* * * * *

THIS 'n THAT

Ole and Mable Stavem left for Oregon, where Ole's brother-in-law faced a serious operation.

DeWitt Meier tried riding a horse sans saddle or bridle -- result? a broken arm.

The Albert Andersons did not make the trip to Iowa as they had planned. Just before they were to leave Vina became very ill and was rushed to the hospital. She is better now, but still shaky.

The Earle Campbells just received word of the arrival of a new grandson, Troy Lynn. Proud parents are their daughter and son-in-law, Toni and Frank Holecek, Moorhead. Mother and son are reported doing fine. Grandma is so excited she is having trouble putting this bulletin together!

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RED FACE DEPARTMENT!!!!

Tom Dosch, 1321 Divide Avenue, Bismarck, joined our club in May. Through a lack of commincation, your editor did not find it out until after the bulletin was in the mail. BUT there was no excuse for not getting his name in the June issue. Please accept my apologies, Tom, I am very sorry to have omitted your name.

JUNE FIELD TRIP

Twenty-five club members and their guests enjoyed the field trip to the Cannonball River on June 24th. The weather was just right, warm, with a light breeze. The sandbar that was explored contained all kinds of rocks. There was plenty of petrified wood and red jasper. A few, very few, pieces of teredo were found. Steve Stubbs, a visitor from Chaffee, Missouri, found an excellent pine cone about two and a half inches long. He also found an Indian scraper made of flint which was also in excellent condition. Pat Brady found two smaller pine cones in good condition, this editor found one pine cone in good shape. A few pieces of Lake Superior-type agate were also found.

Also on the sandbar were several killdeer nests. They each had eggs in them. While the rockhounds were busy searching the sand, the birds flew overhead and tried to lead the searchers away from their nests.

Sorry, folks, but there will be no field trip this month. There are plans afoot for a two day trip to Montana for agate during the Labor Day weekend. Ron Stelter, field trip chairman, is busy contacting someone to guide us to some good picking spots.

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ROCKHOGS

Rockhogs is not thorbred Rockhounds, in fac they is a kind of an animal that ain't related to reel Rockhounds at all.

When a Rockhog heres about a big new gem find he rushes headfust to get there ahead of everbody else - and get all the rocks befor the Rockhounds cum. Generally haf the specimens he packs home are no good and they jest set around in the way til his wife gets mad and throws them in the chicken pen.

Last year a Rockhog hered about a big field of gemstones. When he got there it wuz so big hē could only hawl jest a little bit of it away. Right then and their he died of Rockpilexy.

A reel Rockhog is always fat like a hog, or else thin. Sometimes he is jest medium fat, but he always acts the same. He bostes that he got it awl, he is a mitey good frien of hisself.

Rockhounds ain't got no use for Rockhogs.

(From Jade Journal, Manhattan Mineral, Gem & Fossil Club, Halite Hilites, Tucson "Rock Talk" but originally for Desert Magazine, 1939.)

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THE ROCKHOUND

He is a special breed. He is a hunter, collector, and craftsman. He loves nature's hills but is always trying to bring them home with him. He appreciates nature's beauty, but is never satisfied until he has polished it. He is a safety-minded citizen, but is willing to scale a mile-high cliff for that "special" rock specimen. A rockhound has the swapping instinct of a pack-rat, the agility of a mountain goat, the immunity-to-rain of a duck, and the perseverance and patience of Job. He is a person who searches for, finds, and cherishes forever those bits of chemical beauty, rocks and minerals, and traces of former life, fossils, which afford him a glimpse of Infinity on a Shelf.

from Geode Newsletter, via Memphis Archeological
and Geological Society Newsletter

(Editor's Note) The following article was lifted bodily from the April issue of The Rock Vein, which is the bulletin for The Winnipeg Rock & Mineral Club, Inc. Read this article carefully - study it. Just think how convenient this article that is described would be to members of our club when we are out in the Badlands. Maybe some of our handymen could build one (or two) for us. Any suggestions?????

GREEN CHEESE OR, THE ULTIMATE REFINEMENT

When those of us with some years of experience look back over those years, and ponder on the changes that have affected our lives, and our way of living, we cannot but take stock of the acquisitions we have now, that we did not have then - the artifacts, the products of our society that once we managed well without, but now we take for granted - consider essential, in fact.

You don't need to have so many years of experience either. We haven't always had paper handkerchiefs, or back-lane lighting. We cleaned our windows effectively before the cleaner came out of an aerosol can. A knocker summoned one to the front door just as well as a melodious chime does now. Home entertainment existed (anyone else remember sing-songs around the piano?) before television.

Times change - and would we wish it otherwise? Once it was said that the appearance of a new product was the result of some enterprising individual "recognizing a need" and offering the product to satisfy the need. Nowadays, there is some suspicion that products are dreamed up and the needs generated artificially thereafter, but one mustn't be cynical.

Glad Tidings

I bring glad tidings of a new product which will satisfy a hitherto unfulfilled need of the ardent rockhound (among others). Why does it always have to be some other Rock Club that gets these things first? We learn of this fascinating device from the Centinela Valley Gem and Mineral Club of Hawthorne, California, who have just acquired for the Club, a Porta Potty. Now there's a recreational vehicle for you, if there ever was one!

According to the journal of the same Club, the device has not yet received the test of fire (or whatever inaugural ceremony these things undergo), and the members have been invited to participate in the ceremony - indeed exhorted to participate! California is a bit remote from Winnipeg for a field trip, but if enough Manitoba members are interested, no doubt - camaraderie between Clubs being what it is - an invitation could be arranged and perhaps a little ceremony might be staged on their behalf. Rocks could also be exchanged.

Plan Now!

Bright ideas always have to have their beginnings somewhere. It may be some consolation to realize that when the Winnipeg Club gets their portable outhouse it will be one of the improved models (with AM/FM radio?) In fact, with the Club's funds in the healthy state they are at the moment, why not two, one for Him and one for Her? The Club must plan now. It would, of course, be the responsibility of the Field Trip Chairman to see to the things - that they are oiled and polished and in situation, as required. At a forthcoming meeting an official Porter could be elected to take over the job. For longer field trips, with a good turnout, the Porter with initiative would plan ahead and have the outhouse strategically positioned along the route. Members would be notified in advance and could thus feel at home in the most unlikely places. The outhouses would, of course, follow on and take up position on the field trip site, but would set out early on the way back and resume their places on the route. The possibilities are endless.

(continued on next page)

July, 1973

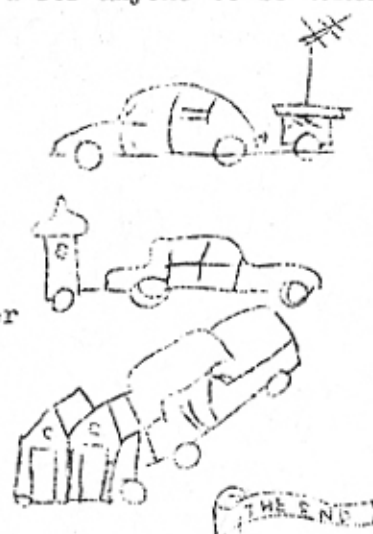
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If you feel strongly about this, act! There is no need for anyone to be taken unawares.

Editor's Note As always, but particularly in this case, the Editor wishes it to be known that she takes no responsibility for the opinions of contributors, even when she agrees with them, or where their articles have a broader base of fact than does the one above.

"They say best men are moulded out of faults,
And for the most become much more the better
For being a little bad."

Even from the best of households the Rabelaisian will out.



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MUGGLIS TAKE VACATION TRIP

We spent our June trip touring the western states. Our rock hunting time was limited.

We saw the Petrified Forest in Arizona, also the Ginkgo Petrified Forest in the state of Washington. They both were very interesting to see.

We spent some time rock hunting along the beaches of California and Oregon. In California we collected some Monterey Jade and in Oregon a few small beach agates. The Oregon beaches were a disappointment as far as rock collecting was concerned, because we found very little of any value. It was the wrong time of the year; in winter there are more rocks washed up in the storms.

Idaho and Montana were better collecting areas. We found some nice Montana agates. We collected in dry washes and gravel pits. The one gravel pit had a pool of tar. Clara stepped in the tar and lost a nice new pair of red tennis shoes - but this is what happens in a day of rock hunting.

We found that at the end of a month of traveling that our car was loaded down with many things we had found along the way. Besides the rocks we had found, we made some good buys and then all the sea shells filled the corners left in our car.

--Ewald, Clara, Carol, Gary
and Holly Muggli

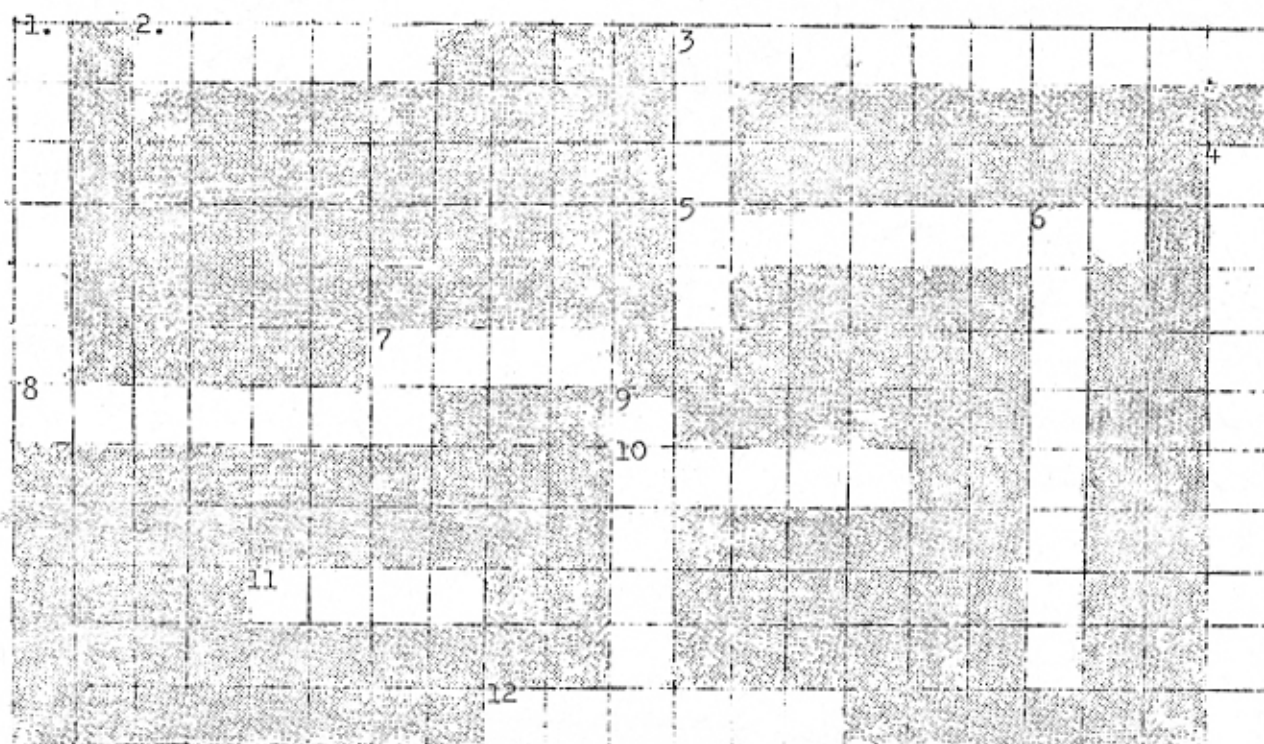
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PLANS FOR SHOWCASE LOST

Members of our organization who would like to build a showcase according to Federation regulations asked me to publish these plans in the bulletin. I tried to get a copy of the plans but they are in limbo somewhere in Mandan. We hope we can get another copy of the plans soon and will rush them to you, if and when we get them.

CROSSWORD PUZZLE

by Mary Ann Dosch



PRECIOUS & SEMI-PRECIOUS STONES

ACROSS

2. A small, hard, smooth body formed with the shell of the oyster; birthstone of June.
3. A mineral of which, when transparent and cut, is used as a gem; birthstone of October.
5. A precious stone, clear - purple or bluish-violet in color; birthstone of February.
7. A precious stone of clear red color; birthstone of July.
8. A valuable kind of stone; hardest known substance; birthstone of April.
10. A kind of stone which has different colors that form stripes or in cloudy masses.
11. A quartz stone having layers of different colors.
12. A transparent deep red mineral; birthstone of January.

DOWN

1. A very hard mineral of a rich green color; birthstone of May.
3. A semiprecious stone, usually yellow, but sometimes white; birthstone of November.
4. A transparent semiprecious bluish or greenish stone; birthstone of March.
6. A very hard, transparent, bright blue precious stone; birthstone of September.
9. A kind of stone that is cloudy and colored red, green, yellow, brown, etc.

(Answers will be in next month's bulletin.)

EARTH SCIENCE

What is it? Many of us rockhounds use these words in talking or writing about our hobby in a general sort of way, but exactly what IS earth science?

My Webster's dictionary does not contain a definition, but Professor Richard M. Pearl's "Geology - An Introduction to the Principles of Physical and Historical Geology" comes pretty close in its opening statement:

"Geology is the science of the earth.....its composition and structure, its history, and its past plant and animal life."

So when we talk about being interested in earth science, or when we encourage some young person to consider study of the field of earth science when they enter college, here is what we mean:

Geochemistry: Study of the chemistry of rocks, water and atmosphere.

Geodesy: Measuring the form and size of the earth.

Geomorphology: Study of land forms, their origin and development.

Geophysics: Applying the principles of physics to the study of the earth, under which we find Geomagnetics, (the study of the earth's magnetic fields), and Seismology, the study of earthquakes.

Minerology: The study of minerals, and one of the two earth science fields most often claimed by rockhounds.

Hydrology: Study of surface and underground waters.

Oceanography: Study of the oceans and their basins.

Paleontology: Study of the life of past geologic periods, and the evolution of plants and animals whose remains or traces are found in the rocks. This is the second area most familiar to rockhounds. Paleobotany deals with plants, and Paleozoology with animals of the past.

Petrology: The systematic study of rocks, and especially their origin.

Stratigraphy: Study of layered rocks, especially sedimentary.

All ten of these are based on subject matter. But some earth science studies are based on use or application, such as

Agricultural Geology: Study of soils, their depletion and erosion.

Engineering geology: Applied to the building of dams, reservoirs, highways, bridges, tunnels, and other such construction projects.

Mining geology: Applies to the finding and extraction of ores, and of non-metallics such as coal, clay, building stone.

Petroleum geology: Study of the origin and occurrence of petroleum and natural gas.

Military geology: Applies geologic knowledge in general to warfare.

And before long we will have people who are concerned with lunar geology.

Look around you: at the hills, mountains, valleys, rivers, streams, quarries, and mines. You and I are a part of a hobby group that can find and appreciate all the wonders of Nature. "For in six days did God make Heaven and Earth....."; now it is ours to use and enjoy through Earth Science.

by Dick Johannesen, via Illowa News Grinder, from Cedar Valley Gems,
via Geode Newsletter.

A rockhound is the only person who's happiest when he's down in the dumps.

Geode Newsletter, via Kiskigem Journal
from Chipper's Chatter