



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.

MEETINGS: First Sunday of each month in the Hospitality Room of Capitol Electric Building on Highway 83, north of Bismarck.

VISITORS ARE ALWAYS WELCOME!

OFFICERS:

President	Earle Campbell	1134 N. 28th St.	Bismarck	255-3658
Vice-President	William Buresh	1527 N. 19th St.	Bismarck	223-0611
Secretary	Stanley Fairaizl	205 6th Ave. N. W.	Mandan	663-9712
Treasurer	DeLane Meier	RR 1, Mr. B's Est.	Bismarck	223-8579
Past President	John Bosch	1425 N. 15th St.	Bismarck	255-1924
Parliamentarian	Mrs. William Buresh	1527 N. 19th St.	Bismarck	223-0611
Program Chairman	Dick Bergantine	703 12th Ave. NW	Mandan	663-3419
Librarian	Owen O'Neill	906 1st Ave. NW	Mandan	663-3748
Field Trip Chairman	Harold Brady	1401 Sunny Road	Mandan	663-3904
Nominations	Ole Staven		Wilton	734-6746
Refreshments	Mrs. Bob Randall	928 N. 16th	Bismarck	223-1025
Annual Show	John Bosch	1425 N. 15th	Bismarck	255-1924
Historian	Mrs. Albert Anderson	RR # 2	Bismarck	673-4585
Doorman & Greeter	Allen Strom	212 Ave. F West	Bismarck	253-3646
Editor & Publicity	Mrs. Earle Campbell	1134 N. 28th St.	Bismarck	255-3658
Pebble Pup Leader	DeLane Meier	RR 1, Mr. B's Est.	Bismarck	223-8579

All contributions for this bulletin should be mailed to the Editor, Mrs. Earle Campbell, 1134 N. 28th Street, Bismarck, by the 10th of each month.

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

The Central Dakota Gem & Mineral Society is a member of The Rocky Mountain Federation of Mineralogical Societies and The American Federation of Mineralogical Societies.

MAY MEETING

The Central Dakota Gem & Mineral Society met on May 5, 1974, at the Capitol Electric Co-op Building. The meeting was called to order by the president, Earle Campbell. The minutes of the April meeting were read by the secretary, Stan Fairaizl, and were approved.

Treasurer DeLane Meier gave a report on the club finances. From the report, our organization is in good shape, financially.

Harold Brady, field trip chairman, said we would go on a field trip over Memorial Day weekend if it didn't rain. He has a spot picked out on an Indian Reservation that is a good collecting spot. However, as we all know, there has been plenty of rain this month so the trip will have to be postponed until later in the summer.

Frank Herr read a letter from the Lake Agassiz Club at Fargo-Moorhead. They are planning a field trip to the Badlands for Memorial Day weekend. Frank is to guide them. Frank invited any of our members who wanted to go to join the group. Frank says he will be going out each day of the weekend so just be at his rock shop at 528 West Villard in Dickinson before 10:00 A.M. on May 25, 26 or 27. Frank's phone number is 225-8712, if you would want to call to make arrangements for the trip.

Twelve guests were present. They are:

Sam & Lil Westgate	501 Ave. F West	Bismarck
Mr. & Mrs. Norman Iverson	549 6th Ave. West	Dickinson
Belinda Spratt	2608 Atlas Drive	Bismarck
Elvin Haugen	Selfridge, N. D.	
Lowell & Barbara Nelson	621 Mandan Street	Bismarck
Olga & Neal Helstad	1309 East Hill Court	Williston
Mr. & Mrs. Pius Fischer	501 South 13th	Bismarck

New members are:

Helen Nelson.....603 NW 9th Street.....Mandan, N. D.....663-6724
Duane and Ledores Robey..2119 Ave. F East....Bismarck, N. D....255-0576

Mrs. Sue Randall expressed appreciation for the John Dosch family bringing the water for the coffee each month. The water at the Capitol Electric Building makes coffee that is not very palatable so the water must be brought in each month.

It was voted to pay our secretary \$12.00 for miscellaneous postage for the past year.

Cathy Dosch is to represent our organization in a Bike-a-thon May 19. We are to pay 10 cents for each mile she rides. The entire route covers 45 miles, making a total of \$4.50 which will be donated to The School of Hope.

The Central Dakota Gem & Mineral Society voted to give a big thank you to Mrs. Frances Wold, Regan, for the excellent story she wrote for the Washburn Leader about our hobby.

Ole Stavem reported on the Wilton celebration in June. Club members may display their specimens during the Wilton Diamond Jubilee, June 21, 22 and 23.

Emma Brady won the door prize furnished by John Tonander. It was a white skin Brazilian agate. Frank Herr donated a goldstone cab. The names of Harold Larson, Warren Pederson, Frank Herr and Rosa Theis were drawn before Bonnie Hilken's name was drawn as winner. (You must be present to win the door prize.)

Program - Frank Herr demonstrated how to cut cabs. I am sure some of our newer members and guests learned how to do a good job after watching Frank.

TEREDO WOOD

Last month I asked for information about teredo wood. The following week I received a letter and two copies of a pamphlet from Mary W. Scott, Geolibrarian for the Geology Library at the University of North Dakota at Grand Forks. Mrs. Scott also gave me the name and address of a person I could contact for more information about teredo. I sent one of the pamphlets to Idaho to the editor of a club bulletin. The other pamphlet has been placed in our private library.

Earle asked for and received a number of copies of the pamphlet North Dakota's State Fossil, by Dr. Alan M. Cvanacara. There are not enough copies to include in each copy of this issue of Diggins but if you want a copy of the article, ask Earle.

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THIS 'n THAT

Hostesses for the June meeting will be Margaret Tonander, Mae Fairaizl and Norma Jorgenson.

Emil and Bonnie Hilken have returned from their tour of the southwest. Did you see that turquoise necklace Bonnie was wearing?

John and Katie Anderson welcomed a new grandson May 2. The new arrival is the son³ of Mr. & Mrs. Miles Anderson, Great Falls, Montana

Joe and Marlys Duchene will be heading for Oregon next month to attend a workshop on human relations.

Harold Brady will be in charge of the program for the June meeting.

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COMING EVENTS

June 7-9	CHEYENNE, WYOMING - - - - -	Rocky Mountain Federation of Mineralogical Societies, Wyoming State Federation of Mineralogical Societies
June 8-9	MILES CITY, MONTANA - - - - -	Yellowstone Agate Club - Montana State Gem & Mineral Show
June 13-16	LINCOLN, NEBRASKA - - - - -	American Federation of Mineralogical Soc., Midwest Federation of Mineralogical Societies Nebraska Assoc. of Earth Science Clubs, Inc.
June 14-16	Casper, Wyoming - - - - -	Natrona County Rockhound Club
July 19-21	WINNIPEG, MANITOBA, CANADA	Winnipeg Rock & Mineral Club
July 6-12	FARGO, NORTH DAKOTA - - - - -	Red River Valley Fair & Rock Show, Lake Agassiz Rock Club
August 17-18	MITCHELL, SOUTH DAKOTA - - - - -	-Cora Palace Rock Club
<u>September 7</u>	MANDAN, NORTH DAKOTA - - - - -	-Central Dakota Gem & Mineral Society
<u>September 14</u>	BISMARCK, NORTH DAKOTA - - - - -	-Central Dakota Gem & Mineral Society
Sept. 20-22	WILLISTON, NORTH DAKOTA - - - - -	Williston Rock & Mineral Club

I have information about the shows at Lincoln, Nebraska and Cheyenne, Wyoming. If anyone is planning to attend either of these shows and would like to have more information about displays, camping, etc., please call me - phone 255-3658, evenings or weekends.

GOLD IN NORTH DAKOTA??????

Did you know that gold was once mined in North Dakota? A company with the unlikely name of "El Dorado Gold Mining Co." was formed in 1908 to mine gold in McHenry County. The project didn't last long and interest soon died, but in 1931, reports from Chicago told of gold being found in the crops of turkeys being processed in the Denbigh area. These reports started a "gold rush", and soon the area around Denbigh and Towner was covered with mining leases. Not much gold was taken. The gold is associated with the glacial outwash sands, gravels, and lake sediments of the Souris River basin. The gold was probably carried in from the Canadian Shield by Pleistocene glaciers. With the melting of the glacier, the free gold was concentrated and redeposited by the meltwater in the lake sediments and glacial outwash within and near the margins of ancient glacial Lake Souris.

A second gold mining operation existed about 60 years ago northwest of Lisbon, near Fort Ransom, North Dakota, in Ransom County. The mine operated for two years; however, the ore was low grade and it cost more to mine than the ore was worth. That deposit appears to be a cemented placer related to a stream that flowed on the Cretaceous Niobrara Formation in that area. The stream may have been a northeastward-flowing preglacial stream that derived sediment--and gold--from the Black Hills.

from NDGS NEWSLETTER
February, 1974

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MEMORIAL DAY

Decoration Day or Memorial Day was first established by an order signed by General John A. Logan, Commander in Chief, who designated the Day as one for "decorating the graves of comrades....."

This May 27 will find flowers on American graves in France, Germany, England, the Philippines, Pearl Harbor, Korea and Viet Nam, as well as in the United States. More bouquets will be placed on the graves of American servicemen and women buried in other parts of the world.

These Americans will be remembered by such occurrences as---

- *flags flying at half-mast
- *observances at the National Cemetery in Arlington
- *speeches at countless ceremonies throughout the land
- *model ships filled with flowers set afloat at numerous seaports to honor those who perished in battles at sea.

But they will be best remembered in our hearts, for American freedom still lives. And those Americans in uniform who died for freedom helped keep it alive.

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MINING GOLD WITH FUNGI

Soviet scientists are considering mining gold with fungi! Researchers at the Irkutsk Institute of Rare Metals have found that some mould fungi extract gold from solution, becoming covered with the metal in the process. One variety of extremely active fungus gleaned 98% of the gold that was in one solution in 15 to 20 hours. The Irkutsk team believes the method could be extended to mine gold from ore. Experiments have shown that the fungus could convert up to 30% of rock gold into solution. And their wages are low; the fungi thrive and proliferate on such simple fare as the waste products of the sugar refining industry.

from The Rock Vein

CAMPING HINTSProper Mineral Manners

It appears to be an unwritten law that at any collecting site, any article or personal wear or tools left at the edge of a hole or near a pile of rocks, marks that site as belonging to that collector, whether he is present in the immediate area or not. You are not to help yourself to anything in that area unless you have his expressed permission. You are not to "help" him unless you are expressly invited to do so. And, if you should help him at his request, what is uncovered is to be divided as he sees fit.

Camping Safety

In camping out, select a high-level campsite out of danger of flash floods. Scout for hazards, and warn the children about local dangers. Point out poisonous plants, and instruct them if they come in contact to wash with soap and water at once to avoid infection.

Stay away from wild animals. Don't pick up baby animals (like fawns or cubs) thinking they have been abandoned. Mama is probably watching nearby and won't be pleased.

If you are not sure, don't drink the water. Boil it for five minutes, or use purification tablets.






Leave information about your whereabouts or hiking plans with someone remaining in camp. If the whole family is to be away, notify neighbor campers or rangers.

Fill four large juice cans nearly full with water, and use them to support your grill. When you have finished cooking you will have "instant" hot water for washing dishes.

Those coffee cans with plastic lids make perfect containers for camp foods. Being metal, they chill quickly in the ice chest or stream, and you can see the contents through the lid. Put another plastic lid on the bottom of the can and it won't skid around on the shelf and leave dirty marks.

Food poisoning that runs through an entire family can sometimes be traced to the can opener. In a study by Dr. J. G. Young, Elgin, Illinois, of 38 can opener blades, 28 were contaminated by bacteria capable of causing food poisoning. If a can is filled to the brim before sealing, any cutter will dip into the contents during the opening process. Give attention to this health hazard at home and when camping out by washing after each use.

Poisonous snakes are found in all states but Alaska, Hawaii and Maine. Know which ones are found in the parks you are visiting and learn what precautions to take to avoid being bitten. Generally it is a matter of knowing what habitat they occupy, and then keeping alert. Seldom does a snake bite, unless disturbed or molested.

WHEN  LEAVE  BEHIND  YOUR  
OUTDOORS NOTHING BUT FOOTPRINTS!

from The Rock Vein via several other
bulletins

QUARTZ FAMILY GILL-IN

Here are the answers to the crossword puzzle in last month's Diggins from Dakota. Hope you got them all right!

