



Central Dakota Gem & Mineral Society  
Mrs. Sally O'Neill, Editor  
906 1st Ave. N. W.  
Mandan, North Dakota 58554

DIGGINGS 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 the Capitol Electric Building on Highway 83, north of Bismarck.

VISITORS ARE ALWAYS WELCOME:

OFFICERS:

President	Bill Buresh	1527 N. 19th St.	Bismarck	223-0611
Vice-President	Duane Robey	2119 Ave. F East	Bismarck	255-0576
Secretary	Stan Fairaizl	205 6th Ave. N. W.	Mandan	663-9712
Treasurer	Dick Bergantine	703 12th Ave. N. W.	Mandan	663-3419
Past President	Earle Campbell	1134 28th St.	Bismarck	255-3658
Parliamentarian	Mrs. Gen Buresh	1527 N. 19th St.	Bismarck	223-0611
Program Chairman	Harold Brady	1401 Sunny Road	Mandan	663-3904
Librarian	Owen O'Neill	906 1st Ave. N. W.	Mandan	663-3748
Field Trip Chairman	Frank Herr	528 West Villard	Dickinson	225-8712
Nominations	Ted Giese		New Salem	843-7005
Refreshments	Mrs. Bob Randall	928 N. 16th St.	Bismarck	223-1625
Annual Show	Earle Campbell	1134 N. 28th St.	Bismarck	255-3658
Historian	Mrs. Albert Anderson	RR # 2	Bismarck	673-4585
Doorman & Greeter	Dick Merrill	1428 N. 22nd St.	Bismarck	223-7275
Pebble Pup Leader	Patricia Brady	1401 Sunny Road	Mandan	663-3904
Editor & Publicity	Mrs. Sally O'Neill	906 1st Ave. N. W.	Mandan	663-3748
Membership Chairman & Subscription Agent	Larry Strand	713 1/2 N. 19th St.	Bismarck	258-5128

All contributions for this bulletin should be mailed to the Editor, Mrs. Sally O'Neill, 906 1st Ave. N. W., Mandan, N. Dak., 58554 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.

PRESIDENT'S MESSAGE

I was very happy and pleased, in presiding over my first meeting, to see so many members present at the first meeting of 1975. I hope that this is an indicator of things to come and that this spirit of cooperation will mushroom out toward all of the standing committee chairpersons.

I was also very pleased with the response that I received in regard to the selection of committee chairpersons, those that volunteered and also those that were solicited. Thank you all and lots of luck.

The success and proper functioning of any organization is dependent upon the activities of its various committees. Each committee has a purpose and each is important to the organization. However, I would like to single out three in particular that can either make or break an organization like ours. I am referring here to the newsletter, program, and rock show committees, although not necessarily in that order.

The publication editor and publicity chairperson is responsible for the communication among the members and between the club and the public. This difficult and time-consuming responsibility has been assumed by Sally O'Neill. She deserves the assistance of every one of us in writing up accounts of travels, rock hunting, or rock shows attended or by submitting any other items that might be of interest to other rock hounds. Thanks to Stanley Fairaizl for his offer to provide the mimeographing machine for this purpose.

The second is the program committee, whose purpose should be to keep the membership informed, amused and happy. Harold Brady has offered his services for this purpose. Harold's experience and years of membership should be invaluable in avoiding duplication of past programs and for arranging programs for a variety of interests. Tell him what type of program you would like, or even better, perhaps you know of someone who could put on a program. It is always better to tell the chairman what you would like rather than what you did not like.

The third group is the show committee. I feel that no one individual should be held responsible for arranging for a show, but that those duties should be shared by a committee. I have asked Earle Campbell to chair this committee. Other members are John Dosch, Dick Bergantine, Duane Robey, Mrs. Ewald Ruggli and Blossomae Campbell.

The show is the climax of the club members' efforts and therefore should be the highlight of the year. This requires a great deal of planning and considerable effort. I hope that the attitude of the membership toward the show will be constructive and realistic.

I also personally invite your suggestions for the good of the club. Happy Rockhounding.

William A. Buresh, Pres.

~~\*\*\*\*\*~~  
DUES ARE DUE

~~\*\*\*\*\*~~  
DUES ARE DUE

~~\*\*\*\*\*~~  
DUES ARE DUE

## JANUARY MEETING

The meeting was called to order by Earle Campbell. The minutes were read by Stan Fairaizl and approved as read. Earle turned the gavel over to our new President, Bill Buresh who gave a report on his new committee members. Earle was commended for the fine job he did as the previous President.

The club was reminded that dues to The Rocky Mountain Federation of 35¢ per member over 12 years of age are due. A motion was made by Earle Campbell that the actual number of members be determined and that the matter be taken care of as soon as possible.

The program was presented by Earle Campbell and Dick Bergantine and consisted of an interesting reading by Dick on the slides presented by Earle. The slides, on Rocks, Artifacts and Minerals by the Cambrio Rams covered information on rock hunting in the western Black Hills and around Newcastle, Wyoming and the mining town of Cambrio, which is 8 miles north of Newcastle.

Hostesses for the January meeting were Mrs. Bill Buresh, Mrs. Dick Bergantine and Mrs. Bob Randall.

Mrs. Plous Fischer, 501 S. 13th St., Bismarck, entered the hospital Dec. 31st for major surgery. She is at home now and we hope well on her way to recovery. We hope to see her at the February meeting.

Guests at the January meeting were Mr. & Mrs. Dan Throlson, 1917 Ave. E East, Bismarck.

There were two door prizes donated by Julius Thies of Menoken and Dr. Gordon Bell of Bismarck. The one donated by Julius was won by Frank Herr of Dickinson and the one donated by Dr. Bell was won by Betty Nelson of Washburn.

FEBRUARY PROGRAM

Dick Bergantine has made arrangements for Bill Collins of Harvey to have the program for February. The program will consist of a talk on Missouri Minerals, accompanied by slides and rock specimens.

Our library is available - please use it.

Editors Note;

As the new Editor I would appreciate any articles of interest, any letters and any suggestions whatever. Mrs. Campbell always did such a terrific job that I only hope I can do in part as well as she did. So if you have anything that I could use please mail it to me, call me, or better yet stop in, the coffee pot is always on.

Hostesses for the February meeting will be Mrs. Dick Merrill, Mrs. John Dosch and Mrs. Walt Weisenburger.

January 1975

Wed. Jan. 8, 1975

Katie and I were swooshed out of the Minot airport at 3 P.M. Dec. 18th. We had a four hour's delay in Minneapolis while the men scurried around in the snow storm changing tires and washing snow and ice from the plane. This made us an hour late getting to Chicago, which left us only forty five minutes to change planes. Anyone who has been unlucky enough to get involved in the confusion of the Chicago airport, I'm sure will sympathize with us. I believe we were lucky, for after walking an estimated mile and getting lost once, (all inside the station) we found the gate, with ten minutes to spare. We arrived in Wilmington, North Carolina at midnight, where our son and family met us. We stayed sixteen days with them in their home, eight miles from Jacksonville, North Carolina.

We spent two days at the ocean, which is only seventeen miles at the closest point. We picked up quite a lot of shells and coral, coral in three colors, white, gray and green.

We could find only two rock hound familys in the area, Mr. & Mrs. George Cowan, who have been into most of the western states, but never to North Dakota. They said they are coming this year and promised to get in touch with some of us on the way through. We did some rock trading and had a good visit. Besides their rock hounding the Cowans raise chickens on the side. They had 160,000 on hand and raise a total of 640,000 each year. The Cowans took us to see the other rock hounds, a Mr. Hines, I beleive. I don't recall the first name. Although his collection would look pretty unimpressive compared to Harold Bradys or Frank Herr's, he still has a lot of rocks. He also has been through most of the western states including North Dakota. He gave me an agate that he had picked from the Green River rest stop just east of Dickinson last summer.

We returned home Jan. 3. It took ten hours, but the time in the air was four hours and three minutes. Approximately 2000 miles.

Fellow Rockhound;

John Anderson  
Wilton, North Dakota

Thanks for the nice letter - lets have more of them.

The 335,000,000 cubic miles of water in the oceans contains more metal than exists in all the mines on earth put together. There is an estimated 1,000,000,000,000 tons of copper, 7,000,000,000 tons of boron, 15,000,000,000 tons of maganese, 20,000,000,000 tons of uranium, 500,000,000 tons of silver, and 10,000,000 tons of gold.

news clipping

ALLS & ROCKY MOUNTAIN NEWS  
Requested each club reprint

In common with the rest of us, General Mills Co. (Betty Crocker) is feeling the pinch of inflation and reduced profits to the point that they have discontinued the Betty Crocker Coupon Club Plan.

Coupons on hand may be sent to your Regional Chairman until Dec. 31st and your Club will receive credit for them. However, Credit can not be given for Coupons sent in after Dec. 31st, 1974.

It is hoped that ultimately the Plan will be resumed on a reduced scale, but meantime, no more coupons will be redeemed.

Too bad! It's been fun, has been sort of rallying point for Foundation Gift Drives, and had produced about 11% of The Foundation's Funds.

Now that we will be on a 'Cash Only' basis, there are a number of methods by which clubs can continue to raise funds for the Foundation in a relatively painless manner; Auctions, Interest from Club Savings Accounts, Rebates from Magazine subscriptions, and Memorial Gifts - what better way to honor the memory of our friends than a memorial which will help provide scholarships in earth science every year.

Glenn Lee, President  
AFHS Scholarship Foundation

# '75 NATIONAL SHOW MOVES TO NEW LOCATION

The 1975 combined American and Rocky Mountain Federation Show and Convention has been moved from the previously announced location at Currigan Exhibition Hall to the "Hall of Education" in the Coliseum Complex. It is located on Interstate 70, just east of Interstate 25 and easily accessible to both. Interstate 25 connects with the down town area. Many excellent hotels are located along both Interstate highways from two to approximately ten miles distant.

At the time Currigan Hall was selected, it was the only available facility in the Denver area suitable for a show and convention of our present combined Federation requirements.

Recently the Hall of Education in the Coliseum Complex has been completed and is comparable in many ways to the advantages of Currigan Hall.

The new location is away from the business area, traffic congestion and has suitable parking facilities.

This move is a recent decision by the Show Committee and all the details are not complete at this time.



## Rocky Mountain News Items Contd.

REPORT OF CHAIRMAN OF CONSERVATION OF RECREATIONAL LANDS.

"heels Afield" has another article on "a series of comprehensive, long term management of the nation's Forest resources, which the Secretary of Agriculture has asked for public response to". The report on a shorter "highlight" document can be secured free from the Chief of the Forest Service, U. S. Department of Agriculture, Washington, D. C., 20250 until Dec. 15th.

I hereby urge the President of all clubs in the Rocky Mountain Federation to appoint one or more members to volunteer to be members to Land Use Planning Committees, or at least to attend such meetings, so that we can have some voice in how the use of land in our areas is planned. Also those clubs situated in State Capitals should have a representative attend Land Use Reforms, and Planning Committee at the state level.

As you all probably know, the Federal Land Use Bill authorizes state and local governments to present Land Use Plans, and failure to do so would mean that the Federal Government would make and implement plans.

I would like to have as many clubs as can do so, instigate and carry out Johnny Horizan clean-ups or clean-up and to bring this about, send publicity to local newspapers and ask for interested citizens to help.

Keep me informed of any proposals or contemplated legislation aimed at sequestering more of our public lands by making them wilderness areas.

Elsie S. Mathews, Chairman  
Conservation of Recreational Lands

NOT DATES

July 19-20, 1975 COLORADO SPRINGS MINERALOGICAL SOCIETY Twelfth Annual Show. Hours; 19th, 10:00 Am to 9:00 Pm; 20th, 9:00 Am to 5:00 Pm. Show Chairman, Philip H. Johnson, 2024 Meyers Avenue, Colorado Springs, Colorado, 80909.

April 25-27, 1975 WICHITA GEM & MINERAL SOCIETY, Lloyd Hatfield, Show Chairman, 2049 S. Oliver, Wichita, Kansas, 67218.

Evelyn Schafer  
Show Dates Coordinator

The summer sun may burn a bit,  
But you never have to shovel it.

Arnold H. Glasow

## Rocky Mountain News Items Contd.

## REPORT OF CHAIRMAN OF CONSERVATION OF RECREATIONAL LANDS

The following extract is reprinted with permission of the Mineralogical Record, P. O. Box 783, Bowie, Maryland, 20715, and is a part of an article entitled "Guide to Underground Collecting" by Wendell E. Wilson. The entire article is well worth reading, and I can certainly recommend it. Permission secured by Elsie S. Mathews;

When you go underground you have a certain basic responsibilities to other collectors. Don't get hurt or trapped; don't damage the accessibility of the mine by causing cave-ins; don't provoke the mine owners; don't destroy specimens you haven't the skill to remove properly. And if you find something scientifically interesting be sure to donate or loan at least one specimen to an institution where it can be studied in detail.

## Collecting Trip Check List;

- |                                     |                                   |
|-------------------------------------|-----------------------------------|
| 1. Canteens (Filled)                | 21. Collecting boxes, bags        |
| 2. Food, drink                      | 22. Packing material, cotton      |
| 3. Hard hat                         | 23. Masking tape                  |
| 4. Hard hat light                   | 24. Map, notes, pen               |
| 5. Flashlight                       | 25. Compass                       |
| 6. Extra batteries, bulbs (carbide) | 26. Tent, camping equipment       |
| 7. Hammer(s)                        | 27. Spare blanket(s)              |
| 8. Chisel(s)                        | 28. Sleeping bag                  |
| 9. Wedge(s)                         | 29. References, letters           |
| 10. Small tools                     | 30. Air mattress                  |
| 11. Crowbar, prybar                 | 31. First Aid Kit                 |
| 12. Specialty tools                 | 32. Camera equipment, film, bulbs |
| 13. Rope                            | 33. Spare gasoline can (filled)   |
| 14. Boots                           | 34. Spare cans of oil, water      |
| 15. Nails                           | 35. Spare fan belt                |
| 16. Safety glasses                  | 36. Tool kit                      |
| 17. Pack or field bag               | 37. Check spare tire(s), jack     |
| 18. Knee pads                       | 38. Notify someone of plans       |
| 19. Work gloves                     | 39. OTHER-----                    |
| 20. Dust mask                       |                                   |

News, like substances, ought to be divided into solids, fluids, and gases--and appropriately labeled as such for publication.

Sidney J. Harris

In the cause of freedom we have to battle for the rights of people with whom we do not agree; and whom, in many cases, we do not like...If we do not defend their rights, we endanger our own.

Harry S. Truman

#####

#####

#####



MINES AND MINING

The U. S. Geological Survey predicted in 1973 that demand for minerals will eventually lead to severe shortages unless the nation stops wasting its resources and seeks better ways of finding and using low-grade ores. The survey released a 722 page study in May that covers coal, oil, natural gas, and all the industrially important metals. It is the first overall survey of the nation's mineral use and resources in 21 years.

The report notes that the United States produces about 9 percent of the world's zinc, but uses three times that amount. It says that at the time of the study, the United States imported 29 percent of the oil and gas it needed, about 33 percent of the iron ore, and 87 percent of its aluminum. Copper was still in ample supply, and imports accounted for only a small percentage of the 2 million tons used in the United States each year. However, at current rates of consumption, it is estimated that the nation's known resources would be used up in 45 years.

In terms of quantity used, iron, aluminum, copper and zinc are, in that order, the most important industrial metals. The report notes that the United States has no known reserves of manganese, the fifth most important metal, which is indispensable to the production of steel and has other essential industrial uses.

GOLD RUSH

The spectacular rise in the price of gold, which reached a high of \$133 an ounce in 1973, aroused new interest in gold mining. The largest U. S. producer, the Homestake Mining Company in the Black Hills of South Dakota, started scouting the West in February for other productive properties. Nevada, with five major working mines, and Alaska, with two, will each have two more within a year. The biggest rush, however, was to Colorado, which has the nation's largest reserves. The Cripple Creek mine, located in the shadow of Pike's Peak and the site of the last and greatest gold rush, is back in operation. Developers say it is has the largest known deposit of gold in the Western world. Unlike the famous California mother lode, it has not been mined out, though it has already produced almost 1 Billion in gold.

From World Book 1974

1/1/75

1/1/75

1/1/75