



MONTHLY PUBLICATION OF THE CENTRAL DAKOTA GEM & MINERAL SOCIETY

BISMARCK-MANDAN AND SURROUNDING AREAS

NORTH DAKOTA

DIGGIN'S FROM DAKOTA
Gen & Bill Buresh, Editors
1527 N. 19th St.
Bismarck, ND 58501

DIGGIN'S FROM DAKOTA



Published by the CENTRAL DAKOTA GEM & MINERAL SOCIETY

Member

Rocky Mountain Federation of Mineralogical Societies
and

American Federation of Mineralogical Societies



- AIMS: 1. To encourage the study of mineralogy and geology.
2. To foster field trips for collection of minerals, gems and fossils.
3. To improve the skills of its members in the arts of cutting, polishing and gem mounting.
4. To provide opportunity to exchange, purchase and exhibit specimens and other material.

MEETINGS: First Sunday of each month in the Hospitality Room, Capital Electric Building on Highway 83, north of Bismarck; 7:30 P.M. from April through October and 2:30 P.M. the rest of the year. VISITORS ARE ALWAYS WELCOME.

DUES: \$5.00 per family per year.

OFFICERS AND COMMITTEE CHAIRPERSONS:

President	Stanley Fairaizl	205 6th Ave. N.W.	Mandan	663-9712
Vice president	Harold Brady	1401 Sunny Road	Mandan	663-3904
Secretary	Mary Osborn	309 - 12th Ave. NW	Mandan	663-9603
Treasurer	Ted Giese	Route 1	New Salem	843-7005
Bulletin Editors	Genevieve L. & William A. Buresh	1527 N. 19th St.	Bismarck	223-0611
Parliamentarian	Genevieve L. Buresh	1527 N. 18th St.	Bismarck	223-0611
Publicity	Blossomae Campbell	1134 N. 28th St.	Bismarck	255-3658
Program	Ernest Knudson	2020 Catherine Dr.	Bismarck	255-4796
Librarian	Fred Springer	1119 S. 9th St.	Bismarck	255-4232
Field Trip	Gordon Bell and Larry Strand	515 N. 22nd St. 913 N. 19th St.	Bismarck	223-5146 258-5128
Annual Show	Earle Campbell	1134 N. 28th St.	Bismarck	255-3658
Pebble Pup Leader	Pat Brady	1401 Sunny Road	Mandan	663-3904
Historian	Emma Brady	1401 Sunny Road	Mandan	663-3904
Hospitality	Emma Fischer	501 S. 13th St.	Bismarck	223-4362
Membership & Subscription Agent	John Dosch	2118 Marian Dr.	Bismarck	255-1924
Federation Rep.	Ida Mae Ramberg	1325 N. 15th St.	Bismarck	223-6296
Refreshments	Emma Fischer	501 S. 13th St.	Bismarck	223-4362

Subscription rates for non-members are \$3.00 per year.

All material for the bulletin should be received by the editor by the 10th of each month. Advertizing in the bulletin by members will also be accepted.

Other editors may reprint articles from this bulletin. A credit line would be appreciated.



North Dakota's Annual
GEM AND MINERAL SHOW
Mandan Community Center
October 7-8, 1978

NEXT MEETING--August 6

The next meeting of the Central Dakota Gem and Mineral Society will be held on August 6 following the picnic at Fort Lincoln State Park south of Mandan.

President Fairaizl reports that the shelter just north and adjacent to the campground has been reserved for 3:00 p.m. The picnic is scheduled for 5:00 p.m.

To get to the shelter one must pass through Fort Lincoln State Park campground entrance south of the headquarters buildings and drive north through the campground until the shelter is reached. A fee of \$1.00 per vehicle is charged at the entrance (except for Senior Citizens, who are admitted free).

Emma Fischer, Hospitality Chairman, reports that for the picnic the members are to bring their own sandwiches, drinks, utensils, and a dish to share for the potluck. Members who signed up at the last meeting should bring whatever they signed up for. Others should bring one of these three for the potluck: a hot dish, salad, or dessert. Grills will be available for charcoaling for those who wish to do so. You might even try your luck at fishing!

3:00 p.m. - Shelter available

5:00 p.m. - Picnic will begin

7:00 p.m. or sooner -- Meeting
will convene

* * * * *

CALENDAR OF EVENTS

July 27-30	Pleasanton, Calif.--American Federation Show
July 30	Cannonball River. Field Trip, 10:00 a.m. (CDST), Central Dakota Gem & Mineral Society
Aug. 5-6	Mitchell, S. Dak.--Corn Palace Rock Club Gem & Mineral Show
Aug. 6	Annual Picnic & Regular Meeting, Fort Lincoln State Park (See details above)
Aug. 10-13	Cedar Rapids, Iowa--Midwest Federation Show
Sept. 16-17	Aberdeen, S. Dak.--Lakota Glacier Gem & Mineral Show
Sept. 16-17	Williston, N. Dak.--Annual Show, Williston Gem & Mineral Society
OCT. 7-8	MANDAN, N.D.--N.D.'s FOURTH ANNUAL SHOW, CENT. DAK. GEM & MIN. SOCI.

PRESIDENT'S MESSAGE -- Stanley Fairaizl

FELLOW CLUB MEMBERS: A president's greatest satisfaction is to see a crowded meeting room such as we had last meeting. To add to that, those green vests showing up in the audience is a bonus. This leads me to encourage all of you who have not ordered your vests, please contact Sharon Springer, Gen Buresh, or Mae Fairaizl and get that order in so you can have your vest for the show.

All of those who heard Chairman Campbell know that all matters related to the show are coming along great. I am sure that when show time comes, "doing" will be as great as "planning," with everything looking so good.

Let's not forget the picnic on meeting day, August 6. More on this in Mrs. Fischer's report. The meeting will be at the picnic site following the meal.

See you all then.

Stanley

NOTICE TO WIENER ROASTERS: One can #
not cut twigs in a State Park on #
which to roast wieners, so bring an #
appropriate tool to the picnic. #
Also bring briquets, as firewood #
may not be available at the picnic #
grounds. #
#####

FIELD TRIP - July 30

Field Trip Co-Chairman Larry Strand has announced that another field trip has been scheduled for Sunday, July 30, along the Cannonball River about thirty miles south of Mandan. Arrangements have been made with the owner of the property for club members to hunt specimens on this date.

Participants will assemble by 10:00 a.m. (CDST) at the picnic area just north of the Heart River bridge and west of Highway #6 in South Mandan. From there the group will travel in a caravan to the collecting area. Members coming from the south can join the caravan at a gate approximately two miles north of the Cannonball River on Highway #6. Anything from fossils to agates can be found in this area (mostly tumbling size material).

It may be a hot day, so come equipped with appropriate clothes, food, and water.

* * * * *

AT THE LAST MEETING--July 9

Fifty-seven people were reported present at the meeting on July 9, including seven children and one guest. Seventeen members took advantage of the pre-session discussion conducted by Harold Brady and President Fairaizl.

The guest, Ruth Smith of Spokane, Wash., was introduced by her sister, Ida Mae Ramberg.

Treasurer Ted Giese announced that the vest patches are still available for purchase at \$1.50 each and that the name badges are likewise available for purchase at \$1.00 each.

Show Chairman Earle Campbell reported that the contract for the use of the Mandan Community Building for the

annual show has been signed and that the fee was increased by one hundred dollars.

Earle also appealed for more Toredo Wood specimens for the display at a local bank (details elsewhere).

Show Exhibits Chairman Bill Buresh reported that exhibitor's invitation forms for the Annual Show will be mailed out to every member with the July issue of the "Diggin's" and asked that they be filled out by those who plan to exhibit and returned to him as soon as possible.

The status of the chaplain was discussed. Action will follow further discussion at the next meeting.

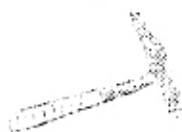
Hospitality Chairman Emma Fischer reported that a picnic is annually scheduled for the month of August and that she would attempt to find a suitable spot for the occasion and that if none were found it would be held at the regular meeting place. (see details about the picnic on page 1)

The door prize, a finished piece of jewelry donated by Frandsen's Agates of Sidney, Montana, was won by Ewald Muggli. Emma Fischer delivered the prize on behalf of the Frandsens.

Program Chairman Ernie Knudson introduced Bob Randall, who gave a presentation on the "Do's and Don't's" of preparing, arranging, lighting, and labeling material in a display case. He supplemented his talk with slides of exhibits as examples of what a good display might look like.

The Lunch Committee for the evening consisted of Verna Giese, Don Campbell, and Walter Buck.

* * * * *



SHOW EXHIBITS--AGAIN!!!

Attached to this month's 'Diggin's' members will find a form inviting them to exhibit at the annual show on October 7-8.

Kindly fill it out as soon as possible--certainly by the 15th of August--and return it to the Chairman as indicated on the form. It will be greatly appreciated if each member will request space for at least one exhibit. This will provide an opportunity for every member to become directly involved with the show and at the same time provide a nice variety of exhibits for viewers, showing the wide range of things that our members do with rocks.

Members who plan to have more than one exhibit should request an additional form for each case.

Exhibiting should be viewed as a responsibility by each member because by so doing he or she is adding to the success of our show--not only the 1978 show but also every show thereafter. People will be coming back year after year if there are sufficient exhibits.

At the last meeting Bob Randall showed some slides of outstanding displays from national or regional shows. He indicated that not all of us are expected to have award-winning exhibits and certainly not at the first showing. Everyone has to start some time and hopefully improve from year to year, and eventually our own members may be able to have exhibits like those pictured.

An exhibit should tell a story, it should be neat, it should be uncrowded, and it should be made as attractive as possible but not necessarily elaborate. An exhibit may be made attractive by simply arranging the specimens in some orderly fashion.

I have repeated here some of what Bob said at the meeting, but purposely so for emphasis and for the benefit of members not at the meeting.

The Juniors are not being ignored. They should be commended for the quality and number of exhibits they displayed at the last two shows. It would be nice to also see more juniors involved so that the number of exhibits in this category would also increase.

Any members exhibiting for the first time who desire help or suggestions in planning an exhibit, please contact me or any of the other experienced exhibitors in the club.

An early reply is needed from members so that plans can be made in advance for the appropriate amount of exhibit space needed at show time. (Don't wait until your exhibit is complete to request space. Just list the size of your show case on the exhibitor's application form, and complete the exhibit by show time.)

Again I ask for your cooperation in preparing an exhibit and in returning forms early.

William A. Buresh
Chairman, Show Exhibits

* * * * *

STATE FOSSIL DISPLAY

From July 28 through August 18, 1978, the Central Dakota Gem and Mineral Society will have on display a case of Toledo Bored Petrified Wood in the lobby of the Dakota Northwestern Bank in downtown Bismarck.

Earle Campbell has accepted the responsibility of setting up this display and is soliciting members for attractive and representative specimens of the wood. He reports that he has received some pieces but that he could use more, both polished and rough.

This affords us an opportunity to educate the public in regard to the state fossil and also to publicize the Society and its annual show.

Stop in and see the display. It will be on exhibit at the bank for twenty-one days.

* * * * *

FIELD TRIP TO GLEN ULLIN

Twenty-nine people took advantage of the invitation of Clara and Ewald Muggli and the beautiful weather on Sunday, July 9, to view the neat workshop and the large and attractive display area that the Mugglis opened up for inspection of club members prior to the field trip south of town.

The rock picking was equally attractive. There was a lot of petrified wood to choose from, and everyone helped himself (herself included) to various kinds for various purposes. Someone mentioned building a wishing well, another a rock garden. Bookends were also mentioned, and of course some wood was suitable for display and jewelry making.

A number of the club members picked up for the first time a piece of petrified bog and were amazed that bog could petrify.

Those participating in this field trip were the Gieses, Glazers, Hickles, Mausehunds, Metcalfs, Ed Mugglis, Randalls, Bureshes, Roy Schubert and friend Leo Stockie, Wilma Hilgemann, Alice Springer, Fred Springer, John Althouse, Daniel Meth, Rosa Theis, and Ewald Mugglis.

Participants wish to thank Ewald Muggli for obtaining permission of the land owner to hunt rocks at this location on July 9.

* * * * *

ENJOY LIFE

Eat less, chew more.
Ride less, walk more.
Clothe less, bathe more.
Worry less, work more.
Idle less, play more.
Go less, relax more.
Waste less, give more.
Scold less, laugh more.
Preach less, practice more.

--From ABUNDANT LIVING, NEW AGE,
via S.I.E.S.

DEALERS FOR THE 1978 SHOW:

ENNIS ROCK HOUSE
Neil & Ida Brandon
Ennis, Montana 59729

ROCK CRAFT OF IOWA
Don & Emma Dricken
Marshalltown, Iowa 50158

ROLENE ROCKSHOP
Roland & Lorene Rasmussen
Wabasso, Minnesota 56293

BROWN'S ROCK & LAPIDARY SUPPLY
Art & Lucille Brown
Moorhead, Minnesota 56560

F&F SALES & SERVICE
Stan & Darlene Fairaizl
Mandan, North Dakota 58554

P&M ROCKS & JEWELRY
Phoebe & Milo Hein
Minocqua, Wisconsin 54548

FRANDSEN'S AGATES
Aaron & Eve Frandsen
Sidney, Montana 59270

DOAN'S OPAL & GEM
Clayton Doan
Bay City, Michigan 48706

THE SIMONS
Bruce Simon
Lincoln, Nebraska 68501

* * * * *

TENSION

The busy life we lead today
Is often very taxing;
With much concern our doctors say
We have to start relaxing.

So, if I seem to loaf a lot,
Don't look with apprehension.
I may seem lazy, but I'm not--
I'm just avoiding tension....

--From MICHIGAN GEM NEWS

THIS-N-THAT

Viola and Melvin Anderson were among those who attended the Rocky Mountain Federation Show in Colorado Springs, Colorado, in June.

Club members attending the Ninth International Gem & Mineral Show in Winnipeg, Manitoba, in July included Bonnie and Emil Hilken; Rosa and Julius Theis; Sue and Bob Randall; and Joyce and Don Larson. The report was that, as usual, a very interesting show was presented by the Winnipeg Club.

Congratulations to subscriber Harvey N. Jensen, who celebrated his 93rd birthday on July 12. Three other daughters came for the occasion and to join in the festivities at the home of Ida Mae and Joel Ramberg, along with two granddaughters, one grandson, and other relatives. The Jensens have ten daughters and one son, who live in areas from coast to coast--Seattle and Spokane, Washington; California; North Dakota; Nevada; Pennsylvania; and Washington, D.C. The thirty-eight grandchildren are even more widely scattered, ranging as far as Alaska and Singapore. There are also over thirty great grand children and three great great grandchildren. Mr. Jensen still attends church regularly and continues active membership in the Farmers Union. He is a former educator who served as school administrator in a number of North Dakota schools.

Vina and Albert Anderson held a "stuffing" party at their farm home on Thursday, July 20.

Mailing envelopes were "stuffed" with publicity material for the Annual Show. Approximately four hundred and fifty packets were prepared. The packets will be mailed to the show dealers, to prospective outside exhibitors, and to others who hopefully will use them in publicizing the show.

The "stuffing" committee consisted of the Randalls, Bureshes, Earle Campbells, and the Andersons.

* * * * *

HOW THIS WORLD HAS CHANGED

Since I was born some years ago, this world has changed somehow.
We use both milk and butter that has never seen a cow.
We have instant coffee, instant tea, instant this and that,
And lots of other instant foods not fit to feed a cat.
We have substitutes for sugar, a substitute for salt;
We have so many substitutes we don't know whom to fault.
Boys and girls both dress alike; can't tell one from the other.
Same way with Mom and Dad, can't tell Dad from Mother.
One thing that doesn't look right, I think it is a sin--
They moved the cookstove out-of-doors and moved the outhouse in!
I don't know how far this will go, but up until this minute,
I love this good old world of ours, 'cause we can still live in it
and hunt rocks!

From ROCK-ROLLERS MAGAZINE. Contributed by Katherine Muggli.

RHODOCHROSITE (Rose of the Inca)

Rhodochrosite is one of the calcite group of carbonate minerals consisting of manganese carbonate. It has a beautiful rose colour. The name comes from the Greek 'rhodo' meaning rose, and 'chros' meaning colour. It is sometimes known as manganese spar. The stone was known by the soldiers of Inca Ripac, also called Viracocha, when he conquered the northeastern part of Argentina for the Tahuantinsuyo or Inca's Empire, back in the 13th Century. In excavations in the north of Argentina mummies of the Incas were found with amulets made of this pink stone, which explains why it is called the Rose of the Inca or Rosinca.

Rhodochrosite was formed millions of years ago when the manganese crystallised in the rhombohedral system. The stone occurs commonly as compact crystalline masses and incrustations rather than as single crystals. Extensive substitution of iron and calcium, as well as lesser amounts of magnesium, may occur in place of the manganese.

One of the mines which produces the best quality of rhodochrosite is located in the province of Catamarca, in a place called Capillita. Because of the high consistency of manganese in the stones it is exploited by the military manufacturers, whose personnel select the more valuable pieces to have the artists of the world make them into jewels and ornamental objects.

To the foreigners who visit their country, the Argentinians are proud to be able to offer this pink miracle of their mountains, which represents, without a doubt, the most typical national symbol.--from Buenos Aires (Argentina) News Release via JADE JOURNAL and PIK-N-ROK

* * * * *

SHOP HINTS

The "NO WASH" Method of Tumble Polishing: Start with no. 80 grit. Tumble a week. Don't empty tumbler, but add 5 teaspoons full of new grit to the mixture in a 3-lb. tumbler. Follow this procedure through with nos. 190, 320, and 600 grit. Thoroughly wash the stones and tumbler before polish and final powders. For a glossy finish, after washing out add three spoons of sugar, one level spoon of Cascade or All or any non-sudsing detergent, and about ten drops of muriatic acid if you have some. Let stand open one minute, close tub, and tumble for a week.

--Rocky Mountain Federation Newsletter

- - - - -

SPEED UP POLISHING - Take lint from your clothes dryer lint catcher and add it to the polishing compound for tumbling. It speeds up polishing and prevents chipping.

--From ROCKFINDER via GOLDEN SPIKE NEWS

- - - - -

DISSOLVING BRUX - If you have an item that has been epoxied incorrectly, it can be taken apart by soaking it in household vinegar. It works and is inexpensive.

--Ralph & Audrey Belair in ROCKROLLERS via GOLDEN SPIKE NEWS

- - - - -

WHEN GLUING BELLCAPS: Aluminum clips made for holding pin curls are good for holding bell caps when gluing because they can be bent into any shape to hold the stones. --LOWCOUNTRY DIGGINGS