



CENTRAL DAKOTA GEM AND MINERAL SOCIETY

Ida Mae Ramberg, Editor

1325 North Fifteenth Street

Bismarck, North Dakota 58501

## DIGGINS FROM DAKOTA

### CENTRAL DAKOTA GEM AND MINERAL SOCIETY

- AIMS:**
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 exchange, purchase and exhibition of specimens and material.

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

**VISITORS ARE ALWAYS WELCOME:** at the club functions, meetings, field trips, Annual shows, etc.

#### OFFICERS AND COMMITTEE CHAIRMEN

President	William A. 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	Genevieve(Mrs.W)Buresh	1527 N. 19th St.	Bismarck	223 0611
Program Chairman	Harold Brady	1401 Sunny Road	Mandan	663 3904, 3903
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	Zip 58563	New Salem	843 7005
Refreshments	Sue(Mrs.Bob)Randall	928 N. 16th St	Bismarck	223 1625
Annual Show	Earle Campbell	1134 N. 28th St.	Bismarck	255 3658
Historian	Vian(Mrs.A.)Anderson	R.R. # 2	Bismarck	673 4585
Doorman and Greeter	Dick Merrill	1428 N. 22nd St.	Bismarck	223 7275
Pebble Pup Leader	Patricia Brady	1401 Sunny Road	Mandan	663 3904
Editor & Publicity	Ida Mae(Mrs.J)Ramberg	1325 N. 15th St.	Bismarck	223 6296
Membership chairman				
& Subscription Agent	Larry Strand	913 1/2 N. 19th St.	Bismarck	258 5128
Zip Codes	Bismarck, 58501	Mandan 58554	Dickinson 58601	

All contributions for this bulletin should be mailed to the Editor, Ida Mae Ramberg, 1325 N. 15th Street, Bismarck, N.Dak. 58501, by the 10th of each month.

Each member should consider submitting articles etc. for publication each year.

Other editors may reprint articles from this bulletin. A credit line would be appreciated. Exchange bulletins are welcomed and should be mailed to the editor at her home address.

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

## PRESIDENT'S COMMENTS --

North Dakota's First Annual Gem and Mineral Show is now history, and it has been proclaimed a great success. The proclamation is based on attendance figures, financial returns, and most of all, on the many complimentary comments received from those viewing, exhibiting, and selling. Show Chairman Earle Campbell and his committee are to be commended for an outstanding job.

At the Society's last meeting on September 14, Show Chairman Campbell received a standing ovation, and rightfully so, after his report on the show. I might add that this was probably one of the longest meetings over which I have had the privilege to preside, and mainly so because many of the members relayed oral and written comments received about the show.

As you will probably read elsewhere in this bulletin, the date for the show for next year has already been set, and Earle Campbell, in response to the membership, has again accepted the chairmanship of the show committee for 1976.

If there are any suggestions or recommendations for next year's show, please present them for discussion at an early date. The sooner decisions can be made, the better it will be for the committee and for the show.

A "Thank you" to Ida Mae Ramberg for her showing of slides of her and Joel's trips to Alaska. Many of the scenes brought back memories of Gen's and my excursion to that "Last Frontier" with our three boys in 1958.

I also have sad news to report. Ray Barnett, a charter member of the Society, passed away on Friday, September 19. His active participation in Society ventures, especially his encouragement and assistance to new members, will be missed by all. --

Bill Buresh.

## HILKINS HAVE HAPPY (ROCK)HUNTING HOLIDAY

The attraction for the week end of August 30th appeared to be the Gem and Mineral Show to be held in Billings, Montana that week end. Emil and Bonnie Hilken left Wilton in their Motor Home on Friday, August 29 to take a leisurely trip. They spent their first night in Miles City but arrived in Billings by 9:00A.M. the next day. The Show was held at the Ramada Inn as their new Civic Center was not completed. People were arriving from all directions. Their large trailer parking lot was already filled to capacity so many of us were put among the cars right in front of the Inn.

They had many dealers, each with more varieties than one could imagine. Their displays were fantastic. The auction table gained a lot of attention most of the time. There we met the Harold Brady's and daughter as well as Mrs. Muggli and three children. We also joined many from the Williston Club. Besides all the pretty things to look at, we ladies found time to meet and chat over a cup of coffee.

Saturday evening some of us decided to eat our supper at the Country Kitchen instead of at the Ramada Inn, just to see if there was a more popular attraction over there. The Country Kitchen was among others on the far east side of town, not far from the Ramada Inn. It was after dark, but we were told it was within walking distance. Going as instructed, we crossed a foot bridge that served as a means of crossing an irrigation ditch. We then proceeded on to where the signs were in sight, but soon found we were crossing a grain stubble field. This didn't appeal too much to us ladies with open sandals and wearing nylon hose. However the food was good and added variety to our evening.

## SHOWS WE ENJOYED

We Muggli's- Ewald, Clara, Joyce, Carol, Gary and Holly toured the Mitchell, South Dakota, and Billings, Montana Shows.

The Mitchell Show was a state show held at the Holiday Inn on August 9 and 10. The way they judged the displays was interesting. Each person buying a ticket on each day received a ticket which you placed in the box of your choice. Each display had a box beside it with a slot in it to deposit your tickets. They also had a box with sand in it to do some mining. In this young and old could dig and find shark's teeth, garnets, etc. The field trip they offered was to see an old Indian village which is being restored. We were not allowed to collect but the material shown and the explanations given made it worthwhile.

Much of South Dakota is drought area this year, so as we drove to Rapid City, we saw corn which was only a foot or two high and drying up.

Rapid City had many tourists. Some people we saw thought that many people were going to see Mt. Rushmore this year because of the Bicentennial. They felt that next year there would be many more people. The last time we saw Mt. Rushmore, we weren't interested in the rock hobby. We now looked at this beautiful shrine with more awe and appreciation.

The Billings Show was a Northwest Federation Show over the Labor Day weekend. As far as shows go, we probably list it as the best we have ever attended up to that date. It was a large show and yet we could get to see everything there was to see, while at the Denver Show in June, we couldn't see all because it was too large. The show was held at the beautiful Ramada Inn. Some of the Federation activities such as meetings and banquet were held outdoors. We did a lot of trading at the show and came back with quite a variety including a fifty pound hunk of coral. We met many nice people while trading. There were a few people who came more to display at the trade table than to trade. They refused to trade their material. We feel that they were missing part of the fun but they seemed to enjoy doing it that way. We didn't take any Montana agate along to trade, thinking there would be a lot of it. Surprisingly there was a shortage of Montana Agate.

We collected Montana Agate on the way home from Billings.

Submitted by MRS. EWALD MUGGLI



\*\*\*\*\*



## FISHERS FISHING FOR FANTASTIC FINDS

When we went on a rock hunting trip, we picked over 800 pounds of agates. The people in Montana are really nice if you ask them for permission. We have been given the privilege of picking from over two thousand acres. We spent three days and felt well rewarded. When we return we take the landowners a gift made from one of their own agates, that we picked from their land. We are planning on going again this month.

Submitted by Mr. & Mrs. Pius A. Fisher

## HILKINS ( continued)

Having spent a full day on Saturday, we decided to leave Sunday morning after having breakfast with friends. We journeyed on our way home until as far as Dickinson. Emil thought it was a nice quiet place to park our Motor Home in the large shopping center just off the Highway 84, but he didn't notice a pizza house near by. The noise didn't disturb Emil but Bonnie fared poorly. Each young fellow proudly displayed a spray of gravel to prove his gallantry. But as morning freshness brought back memories of youthful days, Bonnie was overcome by a wave of nostalgia and complaints of the preceding night were soon forgotten.

As we approached New Salem we thought of hiking up to see the Big Cow, but settled instead for a cup of coffee at Skelley's Truck Stop. We ate dinner at the Bonanza on Capital Hill and went home anticipating a great show at Mandan the following weekend.

(Editor's note- Due to no publication in September, this and the Muggli stories are a little late, but just as enjoyable. The Fisher story was also for September.

Thank you for writing and we hope to have more of the same kind of information.)

DIGGIN'S FROM DAKOTA - published monthly- Annual Dues, \$5.00, includes bulletin.

Subscription rate for non-members- \$3.00 (this rate set at October meeting, effective at end of current subscription. Ads: 2.00/month; \$11.00, 6 months; \$22.00 for twelve months

FIRST ANNUAL SHOW A SUCCESS!!!!

Our First Annual North Dakota Gem and Mineral Show, held in the efficient Mandan Community Center on September 6th and 7th, 1975, is now history!!

All reports say it was a Great Show!!!! Our greatest appreciation must be expressed to all who worked hard, exhibited their cases, and helped with ideas as well as labor in setting up, security, ticket taking, the films, publicity, or doing whatever needed to be done at the time. Our dealers also must be thanked for their part in our first show. Without them, our efforts could not have been successful.

We had dealers from seven states, visitors registered from eighteen states and one Canadian province. Far distant states as Maryland, Texas and California were represented. We had dignitaries representing the AFMS as well as the MWFMS, RMFMS and NWFMS attending. Here, I would like to express our appreciation for the hard work and help on the part of Gary Newton, Fargo, North Dakota. Gary is the Deputy State Director for North Dakota, representing the Midwest Federation of Mineralogical Societies. His dedicated work in publicizing our show, as well as his personal help, is most appreciated.

To everyone taking part in the Show -- a grateful, sincere THANK YOU!!

The dates for our 1976 show have been set for September 11 and 12, with the 10th being designated as set-up day. The place will again be the spacious Mandan Community Center.

Start planning now with your exhibit case!!

Anyone wanting to help in any particular area of the show planning, please let the show chairman know now. I just haven't had time to contact our committee chairmen - chairwomen - chairpersons, to ask them to serve in the same capacities as for the 1975 show. Unless I hear to the contrary, I will assume you will serve again, appointing your own committee members to assist you.

I am collecting ideas for the show. If you have any, write them down -- tell any of the committee members. We need YOUR help.

We know we can do it -- NOW, WE MUST DO IT BETTER!!!!!!



Earle Campbell  
1976 Show Chairman

WILLISTON SHOW

Montana agates were displayed in profusion at the Williston Gem and Mineral Show on September 20 and 21. Central Dakota Gem and Mineral Society was well represented. The Campbells exhibited minerals; the Bureshes exhibited their Ginkgo leaf fossils; Frank Herr and Roy Schubert and son manned a dealer booth. Other Society members attending the Show were Mr. and Mrs. Ted Giese, Bill Collins, Mr. and Mrs. Owen O'Neill, Mr. and Mrs. Bob Randall, Mr. and Mrs. Emil Hilkin, Mr. and Mrs. Leo Krank, Mr. and Mrs. Evert Nelson, and Mr. and Mrs. Harold Brady and Pag. All enjoyed the exhibits, as well as the silent auction, which seemed to be a big hit.

*Bill Buresh*



PICTURES OF THE STATE GEM AND MINERAL SHOW BY BERNARD WEINRICK, Bismarck, N.Dak



TRIBUTE AND THANKS TO OUR DEALERS FOR THE "FIRST STATE GEM AND MINERAL SHOW"

BEACON ENGINEERING COMPANY

ROTHSAY, MINNESOTA 56579



Vince Anderson, Paul Eger, Marge  
Anderson, Don Knudson, Mary Ann Knudson

Lapidary supplies, gems

AGATES - S. D. ATAGIZED WOOD - FOSSILS  
BOOK ENDS - CLOCKS - JEWELRY

BRIDGE CITY ROCK SHOP

H. F. McCLELLAN, SR.  
PHONE 605/845-3482

Herbert Jr and Marc McClellan

409 THIRD AVE. W.

MOBRIDGE, S. D. 57601



BLACK HILLS MINERALS

• MINERALS • FOSSILS

BOX 4, KEYSTONE RTE.

RAPID CITY, S. D. 57701

Fire Agate  
Opal  
Precious Gems

Custom  
Jewelry Designers

Ennis Rock House

via E. Neil Brandon

Ph. 682-4683

Box 293

Retail - Wholesale

Ennis, Montana 59729

GOLD & SILVERSMITHING

JEWELRY

Jerry's Gem & Rock Shop

JERRY & VI MAYERS

1119 - 2ND ST. DEVILS LAKE, N. D. 58301

PHONE (701) 662-2753

TURQUOISE  
CORAL

CABOCHONS

FIRE AGATE  
FIRE OPAL

DIAMOND "B" ENTERPRISES  
JAMESTOWN, NORTH DAKOTA 58601

Featuring Buffalo Jewelry  
and coins

Joel Larson, Hopie Bounar,  
Marlys and Neil Buchholtz



SPECIALIZES IN JADE

CANYON ROAD MOTEL  
and ROCK SHOP

Phone 587-9524

S.T. Rich  
June Rich

Hwy. 14 & 20 West  
Cody, Wyoming 82414  
Route 2, Box 3100

CUSTOM JEWELRY

TURQUOISE  
AGATES  
SAPPHIRES

JAY & JODY BARKLEY  
R.R. 2, FROID, MONTANA  
59226

PHONE  
(406) 963-4248



MANUFACTURER OF THE WORLD'S LARGEST  
LINE OF MINERAL AND METAL DETECTORS

WHITE'S ELECTRONICS, INC.

DISTRIBUTOR

REG. & HELEN MCGIFFIN

BUS.: 772-5311  
HOME: 772-0369  
112 N. 3RD ST.  
GRAND FORKS, N.D. 58201



MORE TRIBUTES



SILVER & GOLD  
SMITHING

# *Rolene Rock Shop*

ROLAND & LORENE RASMUSSEN

WABASSO, MINNESOTA 56293  
PHONE (507) 342-5422

- \* AGATE & GEM JEWELRY
- \* SLABBED MATERIAL
- \* STAR GARNETS
- \* MOUNTING & FINDINGS
- \* THOMSONITES

Slabs  
Books  
Mountings

Geodes  
Lepidodendron  
Cutting Rough  
Custom Slabbing

## ROCK CRAFT of Iowa

Gem Stone Jewelry - Lapidary Supplies

MARSHALLTOWN, IOWA

Phone 2-2139 313 So. 3rd Ave.  
Don and Emma Dricken

**F & F SALES AND SERVICE**  
Mandan, North Dakota  
Demonstrations of Lapidary arts

**WALT WEISENBURGER**  
Bismarck, North Dakota

**BILL COLLINS**  
Harvey, North Dakota  
Specializes in crystals

**EMIL AND BONNIE HILKEN**  
Wilton, North Dakota

223.4362

*Fisher Hobby Shop*  
CLOCKS, LAMPS, & JEWELRY  
AGATES & RESIN

501 S. 13TH STREET  
BISMARCK, N.D.

ROUGH ROCKS

OIL PAINTINGS

TELEPHONE 715-356-8040

## P & M ROCKS AND JEWELRY

Hand Crafted Natural Gemstones

Box 201, Northern Road, Minocqua, Wis. 54548

PHOEBE HEIN

LAKE SUPERIOR AGATES

COPPER SPECIMENS

PHONE (507) 451-2254

## UNCLE TOM'S ROCK & GIFT SHOP

TOM & LINDA STOCKWELL

HWY. 14 WEST  
OWATONNA, MINN. 55060 1/2 MILE W. OF I-35W ON HWY. 14

Mont. Agate - Mont. Wonderstone  
N. D. Agatized Wood - Turtilla Agate  
Slabbed Agate - Bookends - Agate - Cabs.  
Australian Marine Agate  
India Agate

## LAPIDARY & ROCK SHOP FRANK & ANNA HERR

Phone 225-8712  
528 W. Villard St.

Old Highway 10 & 94 Loop  
Dickinson, N. D. 58601

## Thies Lapidary

JULIUS J. THIES

MENOKEN, N. DAK. 58558

— CUSTOM SAWING ON 30 Inch SAW —  
POLISHED GEMS And JEWELRY

## MUGGLI ROCK SHOP

Ewald and Clara Muggli  
Glen Ullin, N. Dak. 58631 — Telephone 348-3897

Rough material of Agate, Petrified Wood and  
Petrified Teredo Wood — For Sale or Trade.



Additional exhibitors who were not listed:

Bud & Alice Plant  
Box 97, Aurora, Neb. 68818  
Grand Island Earth Science Soc:

Martin Nielson, Milltown, Wisconsin, Bolo Tie from CANYON ROAD ROCK SHOP, Cody, Wyoming  
Mrs. Clifford Bjerke, Moorhead, Minn., Buffalo Pendant, DIAMOND B, Jamestown, N.Dak.  
Jim Doll, Mandan, N.D., Necklace, P&M ROCKS AND JEWELRY, Minacqua, Wisconsin  
Nellie Nolberg, Bismarck, N.Dak., Flouride Crystol, BRIDGE CITY ROCK SHOP, Mobridge, S.D.  
Mrs. John Allen, Flasher, N.Dak. Ring, MUGGLI ROCK SHOP, Glen Ullin, N.Dak.  
Arnt Berg, Mandan, N.Dak., Earrings, CUSTOM JEWELRY, Froid, Montana  
Neal Thomas, Mandan, Pyrite Crystol, Herr LAPIDARY & ROCK SHOP, Dickinson, North Dakota  
Mrs. Elmer Hanson, Mentor, Minn., Owl Necklace, BROWN'S ROCK SHOP, Moorhead, Minnesota  
Mrs. Gene Keigly, Mandan, Buffalo Nickel Tie Tack, DIAMOND B ENTERPRISES, Jamestown, ND  
Patty Kelly, Bismarck, Brazilian Agate, BLACK HILLS MINERALS, Rapid City, South Dakota  
John Taghon, Mandan, Taviquois, JERRY'S GEM & ROCK SHOP, Devils Lake, North Dakota  
Jack Vantine, Bismarck, Sodolite, UNCLE TOM'S ROCK & GIFT SHOP, Owatonna, Minnesota  
Chuck Landes, Bismarck, Mexican Crazy Lace Belt Buckle, REG & HELEN MCGIFFIN, Grand Forks, ND  
Debbie Shelstad, Bismarck, Fire Agate Ring, MNNIS ROCK HOUSE, Ennis, Montana  
John Thilmony, Mandan, Crystol, ANTON STARK, Mandan, North Dakota  
Marian Allen, Pendant, ROCK CRAFT OF IOWA, Marshalltown, Iowa  
Jeff Newton, Bismarck, Teredo Wood, Herr's LAPIDARY AND ROCK SHOP, Dickinson, North Dakota  
Clinton Carlson, Bismarck, Geode, BLACK HILLS MINERALS, Rapid City, South Dakota  
Mrs. Phillip Vogel, Mandan, Jade Pin, CANYON ROAD MOTEL AND ROCK SHOP, Cody, Wyoming  
David Feist, Bismarck, Buffalo Nickel Necklace, DIAMOND B ENTERPRISES, Jamestown, N.D.  
Julia Krogstad, Pelican Rapids, Minn., Pendant, BRIDGE CITY ROCK SHOP, Mobridge, S.D.  
Mrs. Earl Zimmerman, Crystol, ROLENE ROCK SHOP, Wabasso, Minnesota  
Mrs. Darwin VanderVorst, Mandan, Markesite Crystol, HERR'S LAPIDARY AND ROCK SHOP, Dickinson

There were 18 States and one province represented in the attendance record of the show. They are: Manitoba, Texas, Maryland, Pennsylvania, California, Iowa, Illinois, Montana, South Dakota, Minnesota, Arizona, Ohio, Wyoming, Wisconsin, Michigan, Idaho, Nebraska, Utah, and our own North Dakota.

The next, or SECOND STATE GEM AND MINERAL SHOW date has been set and space reserved for September 11, 12, 1976. Will we have even more states represented then. EARLE CAMPBELL has again been appointed the general chairman. He was given a standing ovation at the September meeting, and given the badge from the ribbon cutting, as a small thanks for his efforts. Many thanks are due to each and all who assisted in making this, our FIRST such an outstanding success. Besides it was great FUN and we are already looking forward to seeing the friends and acquaintances made at the show.

EARLE H. CAMPBELL

BLOSSOMAN CAMPBELL

# **CAMPBELL ENTERPRISES**

ROUGH ROCKS

INTERESTING DISPLAYS

GEM STONES

1114 North 24th Street  
Bismarck, North Dakota 58501

FOR APPOINTMENT, phone 255 3658

## **LAPIDARY & ROCK SHOP**

FRANK AND ANNA HERR

OLD HIGHWAY 10 & 94 Loop  
Dickinson, N. D. 58601

Phone 225 8712-528 W. Villard St.

MONTANA AGATES & WONDERSTONE

NORTH DAKOTA AGATIZED WOOD BOOKENDS

AUSTRALIAN MARINE AGATE

FINISHED JEWELRY AND FINDINGS

TURTILLA AGATE

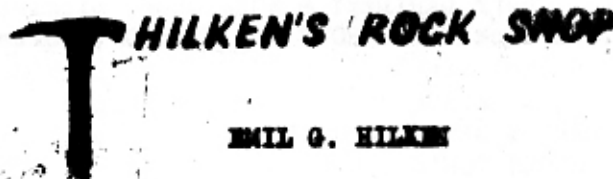
SLABED AGATE

AGATE

CABS

INDIA AGATE

BULK RESIN



## **HILKEN'S ROCK SHOP**

Box 216  
Wilton, North Dakota 58579

EMIL G. HILKEN

Phone (701) 734 6411

LAPIDARY SUPPLIES

POLISHES

GIFTS

CLOCKS

ROUGH AND FINISHED ROCKS

BOLA TIME



## **FISCHER ROCK SHOP**

Emma will clean foul for hunters

501 S. 13th St. Bismarck, N.Dak. 58501  
Phone 223 4362

Fresh garden  
Vegetables

Clocks, Clocks, Jewelry, Rocks

## **LAPIDARY EQUIPMENT AND SUPPLIES**

Stan Fairaird

ROCKS, RESINS, MOLDS

Phone- 663 9183  
663 9712

Factory Authorized Service for Briggs and Stratton, Lawn Boy,  
Clinton and Make- We sharpen Old Time Push Mowers

F & F SALES AND SERVICE 102 Second Ave. N.W., Mandan, N.Dak 58554

## RAMBERGS RAMBLE 'ROUND MONTANA



On September 21 we left Bismarck and headed for western Montana in our pickup camper. We stayed at the first KOA campground in Billings the first night. We had a niece and her two girls along. We played a KOA game and saw many things along the highway- horse in a trailer, cows in pastures, dogs looking out of windows of cars, birds gathering to go south and clothes on a line. We crossed many bridges and met busses, cars with trailers and a tractor pulling a load of hay. At noon we stopped by a picnic table but decided to use the camper- to keep away from the flies and wind. There were many beautiful views of mountains and valleys. The Yellowstone wasn't as full as when we were there earlier.

While near Darby I spent a lot of time at the MEDICINE HOT SPRINGS RESORT which was established in 1908. It is located on U.S. Highway 93 in a setting of exceptional beauty and tranquility, in the Rocky Mountains of the beautiful Bitter Root Valley. You can have your choice of a swim in a natural hot water pool or take private hot water baths, which are open all year round.

On a trip to Missoula we stopped at ROCKFORD'S ROCK SHOP, VICTOR, MONTANA which had many interesting displays. I bought some vesuvianite which Mr. Fisher polished for me. On the way home we stopped at BITTER ROOT VALLEY STONE COMPANY near Hamilton, which specializes in local specimens. The owner, Mr. Andrews was helpful in telling where to look for local gems and minerals.

On the way to the spring one day we stopped at MOOSEHEAD MUSEUM AND ROCK SHOP, which was founded by the father of the present owner, before the turn of the century. A fascinating museum is in connection with the shop. A small Idaho agate and some interesting petrified wood with amber, tiger eye buttons and hornblend were bought.

One evening, Jim, Donna, the girls, Joel and I went to the CHAUSSEE SAPHIRE MINE near Phillipsburg, where we found a few gems. I had a ring made from some we found. We returned home on the Highway 2 route so as to be in Tioga for Joel's mother's 97th birthday. We hope to go there again before too long.

## THIS AND THAT FROM SEPTEMBER AND OCTOBER MEETINGS

The club voted to have a combined bulletin for September-October---so here it is!!!!

September refreshments were served by Mesdames STAVEN, HILKEN, AND O'NEILL. In October by PAT AND EMMA BRADY AND MAE FAIRAZL. Our hostesses for November will be KNUDSON, ROBEY AND STRAND. Thanks to these ladies for adding the final touch.

The Nominating Committee is EMMA FISHER, TED GIESE, AND WARREN PETERSON. They will be presenting a slate of officers at the November meeting for our consideration.

Buffalo Gap maps were given out at the October Meeting.

If you want your name in the ROCK HOUND DIRECTORY, send up to twenty words to Fairazl by November first.

BILL BURESH is a member of the Apple Creek Land Management Commission

A ten dollar donation was given to the CRIPPLE CHILDREN SCHOOL

ARIZONA STATE UNIVERSITY, Tempe, Arizona, 85231, has the CENTER FOR METEORITE STUDIES and are anxious to add new materials. If you are interested- let Stan Fairazl know!!

In October Mrs. Giese won the door prize- petrified wood key chains from Rambergs. Guests at the November meeting were Mr. & Mrs. Melvin Anderson- We hope they will be members. Mrs. Sophie Halverson, Mrs. Staven's mother was also present.

Let's make more use of the club LIBRARY. Mr. O'Neill brings it to every meeting. Being items for the Historian, Mrs. O'Neill also.

We all mourn the passing of one of our charter members and an enthusiastic worker, RAY BARNETT. Our sympathies are with the family and especially BERTHA who is a resident at the Missouri Slope Home.

The North Dakota State Fossil  
"Teredo Petrified Wood"  
(Condensed from original report)  
by  
Dr. Gordon L. Bell

The Teredo or shipworm is not a worm as indicated by its outward appearance. It is a mollusk and classed as a pelecypod. These notorious and destructive wood-boring pelecypods are related to the clam, mussel and oyster. The paired shells of these bivalve mollusks are reduced through the process of specialization to two curved plates that lie alongside the animal's head below the cephalic hood. The outside and front of the typical teredinid shell surface is equipped with a knob and rows of fine teeth for sawing the water-soaked wood fibers and rasping them away in a sort of spiraling back and forth motion of the head. Thus, each animal excavates its tunnel home and grows in length to maturity.

The teredo's tube is about one-fourth inch in diameter. Some are larger and they, with their neighbors, literally consume their wooden home. The entrance to the tubes may be the size of a pinhole. Most of them are no larger than needed to accomodate the siphons. The tubes or siphons extend from the tiny holes in pairs all over the infested piece of submerged drift wood, wooden piles or wooden boat. Each pair of siphons belongs to one teredo or shipworm. One tube, the inhalant siphon, draws water with any plankton that it may contain for breathing and planktonic additions to the diet. The used water with waste material is expelled through the exhalant siphon.

Shipworm infestations may spread quickly to unprotected and untreated wood in marine wood in marine water, and we try many ways to protect our wooden structures from their attack. Pressure treatment with creosote - - coal tar solution preserves timber piling for wharfs and antifouling paint protects boats from the entrance of the famous teredo. However, this and the earlier use of lead and copper sheets were not used before the coming of man and the ancient wood borer had free access to all available wood. Very possibly this has been a service to the world. Otherwise many geologic formations may have been structurally weak and polluted with masses of partly decayed logs.

We are concerned here with the fossil remains of Teredo and possibly others including ancestors of Bankia, Psiloteredo, Lyrodus, Nausitora, Nototerodo, and related forms. The numerous collections of this popular State Fossil of North Dakota should aid the scientist in making new findings and increase our knowledge of Teredo that roamed the ancient Cannonball Sea as it spread across much of North Dakota in the Paleocene Epoch of the geologic past. A few specimens of "Teredo Wood" are reported from the Cretaceous Pierre shale which is much older than the Cannonball formation.

The petrified Teredo-bored wood characterizes the Cannonball formation where it crops out on each side of the Missouri River in the vicinity of Bismarck and Mandan, North Dakota. Specimens of the material are found at various horizons in the formation and range from petrified wood with a few borings with various amounts and types of mineral fillings and some replacements, to wood that was completely riddled with teredo borings and then petrified by being silicified, that is, partly or entirely replaced by silica and quartz. Some have turned to quartz, chalcedony and opal. Gem-quality "fire opal" is rare in the petrified wood but some of the filling and replaced teredos are of the gem material. Many of the teredo cavities and tubes (teredo-bored cavities) are lined with banded opal and amethyst or crusts of clear quartz.

Each specimen expresses its history and collectively they have created such interest that the Fortieth Session of the North Dakota Legislative Assembly acted to designate "Teredo Petrified Wood" as the State Fossil.

# NORTH DAKOTA'S FIRST ANNUAL GEM AND MINERAL SHOW

## HOBBY LOFT:

F & F Sales and Service

Mr. & Mrs. Walt Weisenburger

Mr. & Mrs. Pius Fischer

Mr. & Mrs. Ewald Muggli

Mr. & Mrs. Emil Hilken

Mr. Bill Collins

Mandan, N. D.

Bismarck, N. D.

Bismarck, N. D.

Glen Ullin, N.D.

Wilton, N. D.

Harvey, N. D.

Mandan Community Center

901 Division St.

Mandan, North Dakota

Sat. September 6, 1975 10:00 a.m. to 10:00 p.m.

Sun. September 7, 1975 12:00 noon to 5:30 p.m.

## Admission:

Adults - - - - - 75¢

Children accompanied

by adults - - - - - 25¢



## SHOW COMMITTEE:

General Chairman	- - - - -	Mr. Earle Campbell
Dealer Chairman	- - - - -	Mr. Duane Robey
Exhibitors Chairman	- - - - -	Mr. Richard Bergentine
	- - - - -	Mr. John Dosch
Special Exhibit	- - - - -	Mr. Richard Bergentine
	- - - - -	Dr. Gordon Bell
Publicity	- - - - -	Mr. Robert Randall
Security	- - - - -	Mr. Harold Brady
Swap Area	- - - - -	Mr. William Buresh
Show Treasurer	- - - - -	Mr. Robert Randall
Hospitality	- - - - -	Mrs. Ida Mae Ramberg
Lodging & Camping	- - - - -	Mr. Owen O'Neill
Parking Lot Directors	- - - - -	Mr. John Anderson
	- - - - -	Mr. Ralph Anderson
Clean-up	- - - - -	Miss. Pat Brady
Electrical & Power	- - - - -	Mr. Al White
Official Photographer	- - - - -	Mr. Bernard Weinreich

10:00 a.m. Sat. Sept. 6.

Show opening with Ribbon Cutting by  
State Treasurer and Mrs. Walter Christensen  
representing Governor Arthur A. Link.

Periodically as announced during the show.

Film - "Rocks that Form on the Earth's  
Surface".

"Rocks that Originate Underground".

35 MM Slide Show - "Jewels and Gems of  
North Dakota".

5:30 p.m. Sun. Sept. 7.

Show Closing.

## Sponsored by:

CENTRAL DAKOTA GEM AND MINERAL SOCIETY

William A. Buresh	- - -	President
Duane Robey	- - -	Vice President
Stanley Fairaizl	- - -	Secretary
Richard Bergentine	- - -	Treasurer



# FEATURE EXHIBIT:

"Teredo Petrified Wood"  
The Official North Dakota State Fossil

Exhibit provided by:

Mr. & Mrs. Harold Brady	Mandan, N. D.
Mr. & Mrs. Jake Schlosser	Mandan, N. D.
Mr. & Mrs. Stanley Fairaizi	Mandan, N. D.

## DEMONSTRATIONS:

Stone Cutting & Jewelry Making	-- Stanley Fairaizi
Silversmithing	-- Jay Barkley

## EXHIBITORS:

Black Hills Minerals	Rapid City, S. D.
Ennis Rock House	Ennis, Mont.
Rolene Rock Shop	Wabasso, Minn.
P & M Rocks and Jewelry	Minocqua, Wisc.
Bridge City Rock Shop	Mobridge, S. D.
Canyon Road Rock Shop	Cody, Wyo.
Jerry's Rock Shop	Devils Lake, N. D.
Paul Broste Rock Museum	Parshall, N. D.
Mrs. Blossomae Campbell	Bismarck, N. D.
June Larson	Minocqua, Wisc.
Alex Rosek	Minocqua, Wisc.
Mrs. Robert Randall	Bismarck, N. D.
Robert Randall	Bismarck, N. D.
Gary Newton	Fargo, N. D.
Mr. & Mrs. Ewald Muggli	Glen Ullin, N. D.
Mr. & Mrs. Ed Muggli	Glen Ullin, N. D.
Mr. & Mrs. William Buresh	Bismarck, N. D.
Mr. & Mrs. Joel Ramberg	Bismarck, N. D.
Julius Thies	Menoken, N. D.
Mr. & Mrs. Evert Nelson	Washburn, N. D.
Neol & Olga Helstad	Williston, N. D.
Tony Konig	Glendive, Mont.
Joseph S. Beres	Glendive, Mont.
Harry L. Huotari	Glendive, Mont.
Mr. & Mrs. John Dosch	Bismarck, N. D.
Mr. John Tonander	Bismarck, N. D.
Mr. & Mrs. Jake Schlosser	Mandan, N. D.
Mr. & Mrs. Harold Brady	Mandan, N. D.
Mr. & Mrs. Stanley Fairaizi	Mandan, N. D.
Doris Reimers	Fargo, N. D.
Arnold Fedje	Minnor, N. D.
John Wagner	Carson, N. D.

## DEALERS:

Beacon Engineering Co.	56579
Rothsay, Minnesota	
Black Hills Minerals	
Rapid City, South Dakota	57701
Bridge City Rock Shop	
Mobridge, South Dakota	57601
Brown's Rock and Lapidary Supplies	
Moorhead, Minnesota	56560
Canyon Road Rock Shop	
Cody, Wyoming	82414
Diamond "B" Enterprises	
Jamestown, North Dakota	58401
Ennis Rock House	
Ennis, Montana	59729
Geographical Center Gem Shop	
Rugby, North Dakota	58368
Herr's Rock Shop	
Dickinson, North Dakota	58601
JB Silversmiths	
Froid, Montana	59226
Jerry's Gem and Rock Shop	
Devils Lake, North Dakota	58301
McGiffin's Hobbies Unlimited	
Grand Forks, North Dakota	58201
P & M Rocks and Jewelry	
Minocqua, Wisconsin	54548
Rolene Rock Shop	
Wabasso, Minnesota	56293
Rock Craft of Iowa	
Marshalltown, Iowa	50158
Uncle Toms Rock Shop	
Owatonna, Minnesota	55060



# 

**RAKOTA and WILDROSE MIXER**

PUBLISHED AT TIOGA, NORTH DAKOTA • FIFTEEN CENTS PER COPY



OFFICIAL BICENTENNIAL  
COMMUNITY

Volume Number 23 Tioga, North Dakota 58852 Wednesday October 15, 1975

Number 29

## 



Mrs. Gina Ramberg, 97, passed away at midnight Saturday, October 11, 1975, at the Tioga Community Hospital. She had had a wonderful birthday party on September 30th with all of her children

present. Many grandchildren and great-grandchildren as well as friends were present.

Her funeral service will be Wednesday afternoon, October 15, 1975, at two o'clock p.m., in the First Lutheran Church of Tioga. The Rev. Duane Hanson will officiate.

Music will be supplied by Mrs. Earl Curtiss, Mrs. Duane Hanson and Mrs. LeRoy Raad. Songs will be "The Old Rugged Cross" and "Gregorian Chant of the Lord's Prayer". Casket bearers are her grandsons, Gary Ramberg, Henderson, Texas; John Harbig, Glendive, Montana; Clair Huwe, Bismarck, North Dakota; Richard Schmidt, LaVerne Ramberg, and George Ramberg Jr., all of Tioga. Honorary bearers are all of her many relatives and friends.

Gina Aarhus was born to Severt and Helga Aarhus on September 30, 1878, in Hayfield, Minnesota. She married Alfred Ramberg on December 31, 1899, in Brainard, Minnesota, where they made their home and their first three children were born. In 1905 Mr. Ramberg went to the Tioga area to file on a homestead. A year later the family moved to Tioga. They lived on the farm until Mr. Ramberg's passing in 1942.

Their son, Sylvester, who passed away in 1955, purchased a home in Tioga where she lived until April of 1974, when she moved into the Tioga Nursing Home.

Mrs. Ramberg remained active and her handiwork will be treasured by her descendants. She was active in church work at Bethany and Trinity Lutheran Churches. She lately has been affiliated with the First Lutheran Church of Tioga.

Gina Ramberg leaves one

daughter, Mrs. Ruby Pearson, and four sons, George Ramberg, Lawrence Ramberg and Ernest Ramberg, all of Tioga, and Joel Ramberg of Bismarck, nineteen grandchildren, forty-two great-grandchildren, three great-great-grandchildren, two sisters, Julia Aardahl of Larimore and Mary Olson of Hibbing, Minnesota, and a host of nieces and nephews.

Arrangements are being made by the Rohde Funeral Home of Tioga and interment will be held at the United Cemetery, Tioga. Friends may call at the Rohde Funeral home in Tioga Wednesday until noon.

The accompanying clipping will explain why the paper was not out earlier. We returned to Bismarck Friday, too late to pick it up at the printers and they do not work on Saturday.

NOTICE!!!!

The program for the next meeting will be on FOSSILS. That is all of the information that I have at this time. But it should be interesting.

### 

Perlite, the unique, so-called popcorn mineral, is one of the most surprising actors in the entire mineral kingdom. Being a highly hydrated variety of volcanic lava, it expands with almost explosive force when brought quickly under high temperatures, between 1600 and 1700 degrees Fahrenheit.

It is found on a number of localities in our western mountains, but some of the best deposits are located near Lovelock, Nevada; and Grants, New Mexico. A carload of crushed raw Perlite when expanded, produces between 10 and 12 carloads of plaster making aggregate, and a cubic foot of the expanded pellets may weigh as little as two pounds. Almost unbelievable, but true- it will expand up to 20 times its original volume.

(Via Pike County Rockbound News-  
THE T-TOWN ROCKHOUND

