



Vol. 37 #2

DIGGIN'S FROM DAKOTA

2nd Quarter - 2025

This quarterly publication of the CDG&MS serves Bis/Man and the surrounding area.
Visit us on line at: ndrockclub.org or <https://www.facebook.com/CDGMS>

A message from Tim Wiser, President of Central Dakota Gem & Mineral Society:

I can hardly believe how fast the time goes by. We are into our 2nd quarter of the year. Our 51st show planning committee is working to get ready for the show at the Bismarck Eagles on Oct 25th & the 26th of this year and in partial preparation for this event, we will fill the grab bags with sample rocks at my home on a future date, which will be announced.

We have also purchased a portable dark room for our ultra-violet display which should enhance the viewing experience for anybody who is interested in looking at the rocks and minerals affected by these the ultra-violet rays.

Then on August 3rd of this year, we have our Sertoma park Potluck picnic at shelter #9 which is at 12:00 P. M. noon. Bring a dish to share. Water is provided. A drawing will be held. We always rely upon our members to bring door prizes.

Thanks to all the volunteers who help with any of these club sponsored events. Members are encourage to bring "Show and tell " rocks, gems, minerals, or fossils. Any suggestions on future field trips are welcome.

Your help is really appreciated.

Timothy Weiser



The Officers of the CDG&MS:

Tim Weiser
President

Brenda Morgan
Vice President

Kristina Dirk
Treasurer

Susan Gerenz
Secretary

Steve Fasching
Representative to the Rocky Mountain Federation of Mineralogical Societies.

Darrel Spencer
Newsletter Editor

Membership:

Individual memberships \$20.00 per year.

Family memberships \$25.00 per year.

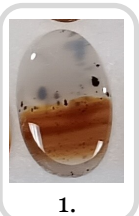
Visitors are welcome to attend.

Executive Board meetings 1:00 P.M.

Regular meetings 2:00 P.M.

We meet the first Sunday of each month at the Bismarck Public Library down stairs Room B. Dates may change due to room availability. Read the calendar dates for our CDG&MS organization.

How Crystals May Help Us! - Brenda Morgan



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Brenda Morgan, CDG&MS Vice President explains at our April 6th Society meeting how each of these crystals or minerals may benefit our physical well being or our psychological comfort.

The photographs flowing around the border are as follows: (#1.) Agate helps you get a good nights rest. (#2.) Clear Quartz helps your home feels like a sanctuary. (#3.) Rose Quartz creates a loving energy and compassion. (#4.) Citrine may give good luck and sunny vibes during winter months. (#5.) Amethyst for a serene space. (#6.) Selenite is an aid in bringing the light to you. (#7.) Carnelian for building a creative space (#8.) Aventurine may aid in forging family bonds and concentration. (#9.) Lapis Lazuli may aid your dreams and fighting psychic attacks (#10.) Pyrite is for protection and golden ideas. (#11.) Hematite keeps your home free from toxicity. (#12.)

Smoky Quartz dissipates bad energy. (#13.) Labradorite promotes better communication. (#14.) Aquamarine is for a quicker revival when treading water. (#15.) Obsidian is for removing bad energy and protects against psychic attacks. (#16.) Onyx gives strength for blotting out fears or phobias, also healing old wounds. (#17.) Tiger Eye helps a person stay grounded in stressful situations. (#18.) Emeralds may promote love without condition, observe without judgement, and be with those that we cherish.

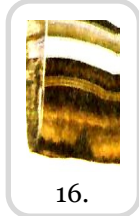
You don't have to believe in all this information, but I think almost everybody at one time or another during the process of life will find a rock that for whatever reason feels good in their hand and they keep it for a long time. Maybe it's the color, the texture or an association but that rock for whatever reason, makes a person feel good, and that is one of the many reasons for joining our society.



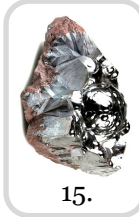
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Central Dakota Gem & Mineral Society proudly announces our 51st Annual Gem and Mineral Show at the Bismarck Eagles **October 24th, October 25th, & October 26th, 2025**

There will be lots of activities for children, demonstrations for adults, and drawings for free prizes on Saturday.

Set up time is on Friday, October 24, 2025 (12 AM - 8 PM) - (Vendors set up 4 PM - 8 PM)

Show time on Saturday, October 25, 2025 ((10 AM - 6 PM)

Show time on Sunday, October 26, 2025 (10 AM - 5 PM) - (Vendors take down & clean up)

North and South Dakota Museums that Exhibit Fossils, Dinosaurs /Gem & Minerals

North Dakota Heritage Center & State Museum: Phone: 701.328.2666: located at 612 Boulevard Ave. East in Bismarck, North Dakota. Observe the Corridor of time and see displays such as a *Cretaceous* age Edmontosaurus, affectionally called “Dakota the Dino Mummy”, and many other breathtaking *Paleocene* Age exhibits. They have a gem & mineral collection on display along with a fluorescent mineral exhibit in the Adaptation Gallery. Admission is free and a gift shop is available. Open Monday - Friday, 8 am - 5 pm. Saturday & Sunday: 10 am. - 4:30 pm. Everybody should tour our Heritage Center and Museum. Closed on major holidays.

Dickinson & Badlands Dinosaur Museum Center: (701) 456-6225: 200 Museum Dr. E. in Dickinson, ND: open from Monday to Saturday, 9 am to 5 pm. Year-round. Summer months (Memorial Day to Labor Day), Sundays are open from 12 pm to 5 pm. The Center has a varied admission cost: \$6 for adults, \$5 for seniors, and \$4 for children. Children 2 or under are admitted free. Call for group admissions. They have a full scale Triceratops dinosaur fossil, marine life fossils as well as a mineral & rock display. * The driving distance is about **90** miles from Bismarck, ND.

Barnes County Museum: (701) 845-0966: 315 Central Ave N. in Valley City, ND: They have a Triceratops Dinosaur from the *Cretaceous* period as well as other fossil displays. There is no admission but donations are accepted. The driving distance is about **135** miles from Bismarck, ND.

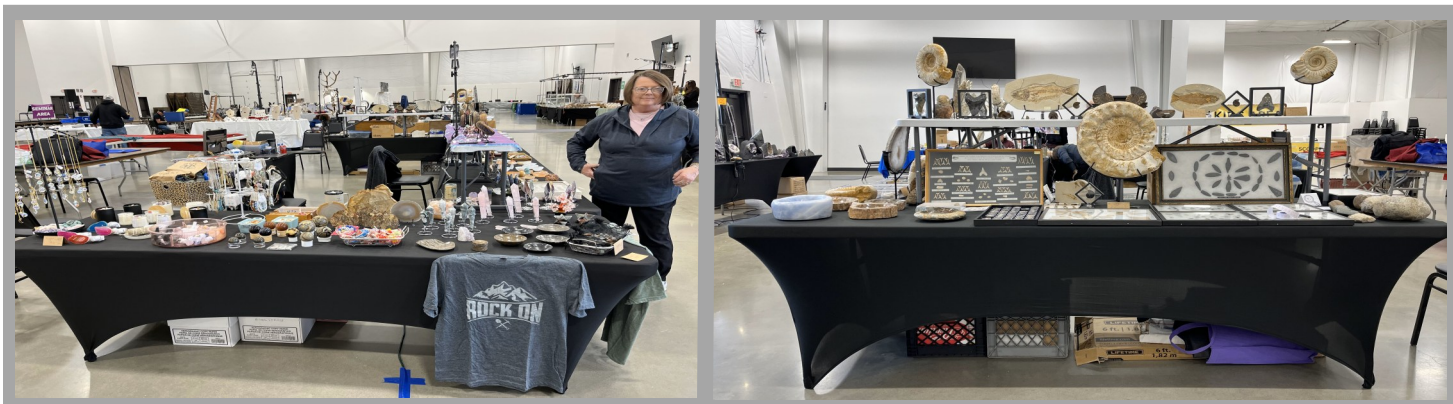
Grand River Museum: (605) 374-3911 or (605) 374-7574: located at 114 10th Street W. and the **Petrified Wood Park** is located at 500 Main Ave. Both of these sites located in Lemmon, South Dakota and are must see attractions. The Grand river Museum displays dinosaur fossils from the northwest area of South Dakota and the Petrified Wood Park has unique towers up to 20 feet tall, a castle comprised of petrified wood, along with petrified dinosaur and mammoth bones. Be sure to check out the gift shop. The museum is open May through September. Hours are 9 a.m.-5:30 p.m., Monday through Saturday, and 12-5 p.m., Sunday. Admission is free, however donations are accepted. The driving distance is about **125** miles from Bismarck, ND.

Long X Visitors Center: (701) 444-2990: 100 2nd Ave SW in Watford City, ND: There is a 17,000 pound Bald Cypress petrified stump from the *Paleocene* on display which is about 60 million years old. They have fossils primarily from the *Paleocene* age. There is no admission fee but I am sure that they would accept a free will offering. The driving distance is about **185** miles from Bismarck, ND.

Paul Broste Rock Museum: (701) 862-3459 or (701) 898-3459: at 508 Main St., in Parshall, ND: They have a world class collection of rock and mineral specimens, which includes a wonderful display of polished stone spheres. * The driving distance is about **138** miles from Bismarck, ND.

Pioneer Trails Regional Museum: (701) 523-3600: at 12 1st Ave., N. E. in Bowman, ND: They have dinosaur fossils that specifically focus on the Hell Creek Formation. The admission fees are adults \$8.00, seniors over 60 and military with ID \$6.00 children (6-13): \$5 and children under 5 are free. The driving distance is about **175** miles from Bismarck, ND.

Pembina State Museum:(701) 825-6840 or (701) 328-2666: situated just off interstate 29, exit 215 at 805 State Highway 59 in Pembina, ND: local marine fossils from the *Paleocene era*, such as Mosasaurs, fish, squid & more. Apparently there is no admission fee. The driving distance is about **325** miles from Bismarck, ND.



The Miles City, Montana Gem & Mineral Clubs 5th annual show was held April 26 & 27, 2025 at the Eastern Montana Fairgrounds. It was a very good show for Russ & Carrie Schneider

Fossil Galore, CDG&MS Members Brought Lots of Fossils & Rocks. Some Were Identified, Some Were Not.



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Thank you to all of our members who brought really nice examples of rocks, or fossils and also for sharing that knowledge with the rest of us. Pictured above is Russ Schneider who along with several other knowledgeable members were able to identify most of the fossils.

The following items with their descriptions are just a few of the really nice examples of fossils and rocks that were brought to the attention of our society. (#1.) A limestone specimen with 100's of marine fossils (#2.) A fossil sponge & fossil leaves (#3.) An example of a polished & split Baculite from eastern Montana (#4.) A Horn Coral mortality plate, a marine fossil (#5.) A nice selection of Button Coral Fossils from Oklahoma. They are about 430 million years old. (#6.) A Brachiopod mortality plate, which is a marine fossil (#7.) A nice selection of teeth from currently existing sharks as well as fossil teeth from their ancestors such as Tiger sharks, Mako sharks, Hemipristis or (snaggletooth sharks), Lemon sharks, Hammerhead sharks, Carcharodons, Sting Rays, Bull sharks, Sand sharks, & Dusky sharks (#8.) A Calyx Geodized Fossil from Indiana (#9.) An example of a *Neuropteris* Plant, which is a fossilized fern that is about 350 million years old from Mazon Creek, Essex, Illinois. (#10.) A nice looking example of a boxwork calcite, which can be found in caves. (#11.) These 3 Seed Cones are from the *Eocene* age and found in Morocco (#12.) A unusual example of fossilized bones from the Hell Creek Formation (#13.) This zebra stone is from Western Australia near lake Argyle, which is south of Kununurra.



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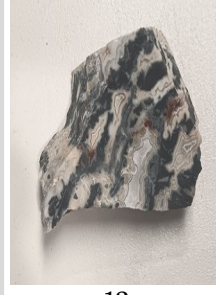
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A Recipe for making Petrified Wood, from an Original Mimeographed Issue of the, “Diggins from Dakota Archives.” March, 1970.

Take one tree and immerse it in water, stir gently till it becomes water-logged and sinks to the bottom of the pan. Stir in generous quantities of Silica, Manganese, Aluminum, Copper, Lithium, Carbon, and for coloring add iron as desired.

Now pour in a layer of sediment, about 3,000 ft. deep; allow mixture to settle for a couple of million years, then gradually during a few more million years, drain off the water. Set out to dry in a strong breeze. When the wind has blown away the 3,000 foot layer, you will find that the minerals have been absorbed by the tree, replacing the shell structure of wood with stone.

Money Back, if it doesn't work

*** * * * * Interesting and True * * * * ***

Originally Baxter Flats, a frontier town changed its name to Artesia, Colorado in 1947, benefitting from a nearby oil boom. They again changed their name to Dinosaur, Colorado in 1966. It is also known as the gateway to the Dinosaur National Monument. There are several places in the town that have been named after dinosaurs, including Allosaurus Ln., Antrodemus Alley, Brachiosaurus St., Brachtosaurus Bypass, Brontosaurus Blvd., Camptosaurus Crescent, Ceratosaurus Cir., Diplodocus Dr., Plateosaurus Pl., Stegosaurus Fwy., Triceratops Terrace, Tyrannosaurus Triangle, and Tyrannosaurus St. This change occurred in time for the 2020 United States Census. Article credited to Google

Dinosaurs Could Be Extremely Large or Super Small

Possibly the largest dinosaur to ever walk the earth was the Argentinosaurus Huinculensis which could possibly attain a height of 21 meters, 37 meters in length and 75 to 100 tons.

The smallest dinosaur ever found is Oculudentavis khaungraae, which was about the size of a bee hummingbird and was discovered in 99-million-year-old amber. It is also known as the "eye-tooth bird" due to its large eyes and many teeth. Article credited to Google



A Tyrannosaurus Dinosaur Encounter

A long time ago, as I was taking a walk, this little fellow jumped out of the bushes in my direction, luckily, it just wanted to say a quick “hello” and “goodbye” as it was in a hurry to meet a friend for lunch.

National Dinosaur Day 2025 is on the 1st of June, as it is every year!

All CDG&MS members are encouraged to submit articles & or photographs to the editor. Permission is granted to reprint non-copyrighted articles if proper credit is given. Disclaimer: CDGEMS newsletter editor cannot guarantee 100 % accuracy with information received



CENTRAL DAKOTA GEM MINERAL SOCIETY MEMBERSHIP FORM



Bismarck, Mandan and Surrounding Areas of North Dakota
PO Box 2445, Bismarck, ND 58502-2445

Tim Wiser: President (701) 946-1823 * Brenda Morgan: Vice President (701) 224-0103

VISIT US ON LINE:

<http://ndrockclub.org> * <https://www.facebook.com/CDGMS> * ndrockclub@gmail.com

PURPOSE OF THE SOCIETY:

- * To further the study of mineralogy and geology
- * To arrange field trips for collecting minerals, gems, and fossils
- * To assist its members to improve in the art of cutting, polishing, and mounting gem materials
- * To provide opportunities for the exchange, purchase, and exhibits of specimens and Materials
- * To share knowledge about gems, minerals, and activities of the Society with the Public

MEETINGS: VISITORS ARE WELCOME:

- * First Sunday of each month, with exceptions * Room B or C * refer to calendar Executive Board Meetings beginning at 1:00 PM, one hour earlier than the Regular 2:00 PM meetings.

MEMBERSHIP DUES:

_____ Single \$20.00 _____ Family \$25.00

Name: _____ Spouse: _____

Children: _____

Address: _____

Phone: _____ Cell: _____

Email Address: _____

PLEASE PRINT CLEARLY AND FILL OUT THE FORM COMPLETELY. THANK YOU