



Judy Gordy. Editor
Official Newsletter of the
Western Dakota Gem & Mineral
Society PO Box 3620,
Rapid City, SD, 57709-3620

Affiliated with RMFMS & AFMS

TO:

April 2016 Edition
Meeting: April 14th at 7PM.

It's agate hunting time again!

The purpose of our club is to promote interest and education in geology, mineralogy, paleontology, archeology and lapidary, to sponsor and promote means of coordination of the work efforts of groups and individual.



THE AMMONITE



Newsletter of the Western Dakota Gem & Mineral Society

APRIL, 2016

WESTERN DAKOTA GEM AND MINERAL SOCIETY 2015-16 OFFICERS AND CHAIRMEN

President: Truman Goddard -- 12009 Crook City Rd, Whitewood, SD 57793	605 269-2522
Vice President: John Dickinson -- PO Box 775, Lead, SD 57784.....	605-580-5579
Secretary: Lori Green -- 207 E. St. Andrew St. Rapid City, SD 57701	719-207-1035
Treasurer: Kelli Wold -- 4511 Ridgewood, Rapid City, SD 57702	605-381-6418
BHRMUC Rep: Ellen Tilley -- 21653 Piedmont Meadows Rd., Piedmont, SD 57769	605-787-4659
RMFS SD Dir.: Sony Hemsher -- PO Box 376, Piedmont, SD 57769.....	605-431-2755
RMFMS PLAC Rep: Jan Baumeister -- 3901 Hall St, Rapid City, SD 57702.....	605-342-5517
ALAA SD Rep: Jan Baumeister -- 3901 Hall St, Rapid City, SD 57702	605-342-5517
Field Trip Chairman: Ellen Tilley -- 21653 Piedmont Meadows Rd, Piedmont, SD 57769	605-787-4659
Board Member: David Ramberg -- 1115 South 36 th , Spearfish, SD 57793.....	605-722-5101
Board Member: Ellen Tilley -- 21653 Piedmont Meadows Rd, Piedmont, SD 57769.....	605-787-4659
Board Member: Sony Hemsher -- P.O. Box 376, Piedmont, SD 57769.....	605-431-2755
Newsletter Editor: Judy Gordy -- 407 E Minnesota St Apt 209 Rapid City, SD 57702.....	402-208-6079
Librarian: Calvin Luke -- 714 Halley Ave, Apt.2, Rapid City, SD 57701.....	605-430-1772
Historian: Annette Rathert -- 2701 Mystic Mt. Road, Rapid City, SD 57702.....	605-348-8948
Webmaster: Barbara Goddard -- 3280 Bumblebee Dr, Prescott Valley, AZ 86314.....	928-237-9261
Calling Committee: Jan Goheen 605-431-6161 Letha Wynia 605-721-0550 Patricia Dickinson 605-580-5579	

Club Information: Western Dakota Gem and Mineral Society, PO Box 3620, Rapid City, SD 57709-3620

CLUB WEBSITE is: www.WDGMS.org **OTHER CLUB SITES:** Facebook -Western Dakota Gem and Mineral Society/groups.

Meetings: Second Thursday of each month (except August) at 7:00 PM

At: Minneluzahan Senior Citizens Center, 315 N 4th St, Rapid City, SD 57701

ANY SUBMISSIONS FOR THE NEWSLETTER SHOULD BE IN BY THE 25TH OF EACH MONTH

If you change your home address, or your email address, or *have a problem receiving a bulletin, please contact the editor at 402-208-6079 or by email at ammonitenewsletter@gmail.com and it will get corrected.*

CLUB DUES: \$15.00 per person - \$20.00 per family with children under 18 yrs – Includes 11 newsletters by E-mail.

If you chose to receive the newsletter by mail, there is an additional \$10.00 cost to cover the mailing.

Dues cover the RMFMS insurance and the newsletter.

Send dues to the Treasurer: Kelli Wold, 4511 Ridgewood, Rapid City, SD 57702

MEETING: THURSDAY, April 14th - 7pm

Program by: John Dickinson. A PowerPoint about Rare and Unusual Gems

Refreshments by: Sue Conner

Door Prizes by:

MESSAGE FROM THE PRESIDENT- Truman Goddard

Hi All

I hope everyone can attend the next meeting , we are needing input from all members on several tasks.

We have a Field trip to the Reptile Gardens on tap. Will get the word at the next meeting and go the following Saturday. Details in the following minutes.

Will be bringing up the Books donated to us by Pete Larson. Will vote on the disposition of said articles.

Need someone to bring Door Prizes to the next meeting. Call me if you can bring items. I can be reached by email at trumangoddard@gmail.com or phone at 605-269-2015 (home), 605-545-1385 (cell).

We need to get proactive about the show. We need volunteers for the silent auction, demonstrators, help at the information table and no doubt some other things I'm forgetting.

Annette wants to retire from being Historian. Anyone interested, be at the meeting and learn from her what all it entails.

President
Truman Goddard

MINUTES OF THE MARCH 10th MEETING

MARCH 10, 2016

The meeting was called to order at 7:03 PM by President Truman Goddard.

Tabitha Wood gave a presentation on Face Book informing members on account access and features.

We had 2 guests joining us for the evening.

The minutes of the January, 2016, meeting were read. Mike Chamberlain asked that the minutes reflect that he had made a motion at the January meeting that the Pete Larson books were to be used either as fund raisers or grand prizes at our show. Janette Givens recalled that Mike's motion was made, seconded, and approved. A motion by show of hands indicated most members present, with 2 dissenting votes, recalled this action. Therefore, the January, 2016, club meeting minutes stand corrected to reflect this.

The February minutes were read and approved as written.

The Treasurer's report was read and approved. It was indicated that the Black Hills Multiple Use Coalition 2016 Dues of \$100th was paid. An update from this organization will appear in the next Ammonite.

Annette Rathert read a letter she received from SDSM&T announcing the candidates chosen for the RMFMS scholarships. She indicated qualifying requirements included that the students be US Citizens, be studying at the graduate or doctorate level, and that they be students in geology.

RMFMS show delegates were discussed. Truman and Sony volunteered to be delegates from our club. No one volunteered to be alternates. Motions by the club were made and seconded to elect Truman and Sony as our delegates, and to pay them \$100 each from our funds to assist with their travel.

A motion was made, seconded, and approved to change our meeting time back to 7:00 PM to avoid scheduling conflicts with Minneluzahan.

Mimi Lancsak informed the club that she has been working with Reptile Gardens to schedule a special guided tour for our group at the cost of \$9.00 per person – with veterans having free admission. The Saturday after our next meeting, April 16th, was chosen as the date for the tour. Mimi will confirm the time at our next meeting.

Annette announced that Tom Wooten will pull the club trailer to the show for us. David Anderson & Tom Wooten will also be having an auction at the fairgrounds on April 17th.

Sue Conner will be providing snacks at our April meeting. No one has signed up to bring Door Prizes in April.

It was announced that the admission price for the show this year would be \$4 per day. We will use a hand stamp with a different colored stamp for each day of the show. This will reduce the printing costs of tickets. A limited number of tickets will still be printed for advanced sale. These tickets will be valid for either day of the show.

Ellen Tilley will be overseeing the kids corner at the show again this year. She's requesting members bring her rocks to be placed in her specimen boxes, egg cartons for the kids to fill with those specimens for \$1.00, and any prizes that she can give away for those digging in the sand box.

Leslie Lysenko donated an autographed edition of the book "Bones Rock" to be used as a fund raiser at our show.

Suggestions on how to best utilize the Pete Larson books and DVDs as fund raiser at our show need to be submitted via Face Book or sent directly to our President Truman Goddard, by April 1, 2016. The show committee will discuss those options and make a determination.

Respectfully submitted,

Lori Green

Secretary

APRIL BOARD MEETING

President Truman Goddard held a Board Meeting on March 29th. The main topics were about the show, who was handling each part and how many chairmen we still need.

BHRMUC REPORT

ALAA REPORT

PLAC REPORT

RMFMS REPORT: Truman Goddard and Sony Hemsher will represent our club as delegates to the Annual RMFMS Show and Convention in Wichita, Kansas on April 22-24, 2016

FIELD TRIPS

Mimi Lancsak confirmed with Jeff Oldham at Reptile Gardens. The rock club field trip is on April 16th. Reptile Gardens opens at 9 am. At the door, members are to say that they are with the Western Dakota Gem & Mineral rock club to get the group rate of \$9 for adults, \$6 for children. If anyone wants to obtain a season pass they would have to pay the regular fee of \$12.50 for adults, \$8.50 for children. There are snake and bird shows throughout the day. Our club will be attending the 11 am snake show, open to the public, but Matt Plank will be detaining our club directly after for a special demonstration and any questions we have. Liquids are allowed in the facility

EDITOR'S NOTE

This is my first attempt at putting together a newsletter. I can remember my father working on the newsletter for one of the clubs my parents belonged to. But it was very different then because the newsletter was reproduced via mineograph machine and all entries had to be either typed or drawn onto a stencil. Thank goodness we now have computers and copy machines.

But the purpose of this note is to say that I would appreciate any & all assistance, like comments, criticisms, or articles, that anyone would like to give me. Thank you in advance. I'm still trying to master the work program. I can be reached at 402-208-6079 or email at ammonitenewsletter@gmail.com.

FUTURE SHOWS

APRIL 8-10 -- OGDEN, UTAH – Annual show; Golden spike Gem & Mineral Society, Golden Spike Event Center, Weber County Fairgrounds, 1000 N 1200 W; Fri 9-6, Cat. 10-6, Sun. 10-4; Adults \$3, Students (12-18) \$2, Children under 12 free; contact Deborah Blake, 385-205-9187; email: gemshow@goldenspikegem.org; Web site: goldenspikegem.org

APRIL 9-10 -- HELENA, MONTANA -- Annual show; HELENA Mineral Society, Inc, Helena Civic Center, Corner Neil and Park Aves; Sat. 9-6, Sun. 10-5; \$2 Admission, Children under 12 free; HELENA Mineral Society's 70th Annual Gem, Mineral and Fossil Show. 22 plus dealers. Gems, minerals, fossils, jewelry, equipment and much, much more, Displays, fluorescent mineral displays. Children's activities include grab bags, ball toss for minerals and garnet hunt. Concessions available. Free parking.; contact Gary Parisi, PO Box 736, Helena, Mt 59624, 406-442-1226; email: gjparisi72@yahoo.com; Web site: helenamineralsociety.org

MAY 5-7 -- LOGAN, UTAH -- Annual show; Cache Rock and Gem Club, Bridgerland Applied Tech. Center; 1000 West 1400 North; Thu. 10-8, Fri. 10-8, Sat. 9-6; Free Admission; Rocks, minerals, fossils, displays, educational exhibits, hands-on demos, supplies, vendors & door prizes. Many activities for kids. Snacks available; contact Craig Stewart, 583 Harmony Place, Brigham City, Ut 84302, (435)-730-5556; email: [Web](http://www.cacherockclub.weebly.com) site: [cacherockclub.weebly.com](http://www.cacherockclub.weebly.com)

MAY 7-8 --BILLINGS, MONTANA -- Annual show; Billings Gem and Mineral Club, Al Bedoo Shrine Auditorium; 1125 Broadwater Avenue; Sat. 10-5, Sun. 10-4; \$3 Admission, Children under 12 free; \$1 discount coupon in Billings Gazette newspaper; contact Doug True, 406 670 0506; e-mail: dtruefossils12@yahoo.com

MAY 7-8 -- BOZEMAN, MONTANA – Annual show; Bozeman Gem and Mineral Club, Gallatin County Fairgrounds; 901 North Black Avenue at Tamerack St; Sat. 10-5, Sun. 10-4; \$3, 12 & under free; Over 15 dealers, gem, minerals, jewelry, fossils and beads. Member & dealer displays, silent auction, grab bags, garnet tables and raffles, including a separate raffle of a large museum-quality mineral specimen. \$1. off Mother's Day (Sunday) coupons in BOZEMAN Chronicle; contact Jerry Hancock, PO Box 11001, BOZEMAN, Mt 59719; email: jaegers@bresnan.net

MAY 13-15th – SOUTH JORDAN, UTAH – Annual show; Wasatch Gem Society, Salt Lake County Equestrian Park and Events Center; 2100 West 11400 South; Fri. 10-6, Sat. 10-6, Sun. 10-4, \$2 Admission, Children under 12 free; Come see thousands of rocks, minerals and fossils. Lots of great dealers and large selection of club tables for kids and adults. Beautiful showcases displaying the wonders of the rock and mineral world.; contact Roberta Chase, PO Box 1397, Sandy, Ut 84091, 801-966-0638; email: chase12@comcast.net; Web site: www.wasatchgemsociety.com

MAY 21-22 -- HAMILTON, MONTANA – Annual show; Bitterroot Gem and Mineral, Ravalli County Fairgrounds, First Interstate Center, 100 Old Corvallis Road; Svat. 10-6, Sun. 10-5; \$2 Admission, Children under 12 free; \$5 per family; contact Steve Vieth, (406)-381-7597; email: viethsteve88@gmail.com

JUNE 3-4 -- PRICE, UTAH – Annual show; Patrick Braun, Carbon County Event Center; 310 South Fairgrounds Road; Daily 10-7; Free Admission; 10th Annual Castle County Rock, Fossil and Mineral Show. Please join us for this free family event. Fossils, minerals, gemstones, beads, jewelry, petrified wood, lapidary equipment, demonstrations and much, much more.; contact Patrick Braun, (435)-381-5192; email: Braunlapidary@hotmail.com

JUNE 11-12 -- BUTTE, MONTANA – Annual show; Butter Mineral and Gem, Butte Civic Center Annex; 1340 Harrison Avenue; Sat. 10-5, Sun 10-5; Admission \$3, Children under 12 free; There will be fossils, minerals, gems, jewelry, etc, 20 + exhibits, a silent auction, and a children's games area.; contact Pete Knudsen, PO Box 4492, Butte, Mt 59702, (406)-496-4395

JUNE 11-19 -- SANDY, UTAH – Wholesale and retail show; Gem Faire Inc, South Towne Expo Center; 9575 S State St; Fri. 10-6, Sat. 10-6, Sun. 10-5; \$7 Admission, Children under 11 free; Fine jewelry, precious & semi-precious gemstones, millions of beads, crystals, gold & silver, minerals & much more at manufacturer's prices. Exhibitors from around the world will be on site. Jewelry repair & cleaning while you shop. Free hourly door prizes.; contact Yooy Nelson, 503-252-8300, email: info@gemfaire.com; Web site: <http://www.gemfaire.com>

SEPTEMBER 7-18 -- DENVER, COLORADO – Denver Gem & Mineral Showcase; 10 gem, mineral, fossil and jewelry show locations; 850 vendors -- BEAD RENAISSANCE SHOW DENVER – Denver Mart/Plaza – September 15-18 – COLORADO INDEPENDENT WAREHOUSE SHOW – The Rock Warehouse – September 7-18 – COLORADO MINERAL & FOSSIL SHOW – Ramada Plaza Hotel – September 11-18 – DENVER COLISEUM MINERAL, FOSSIL & GEM SHOW – Denver Coliseum – September 10-18 – DENVER EXPO GEM SHOW – National Western Complex/ Expo Hall – September 9-16 – DENVER FINE MINERAL SHOW – Marriott Denver West – September 14-17 – DENVER GEM & MINERAL SHOW – Denver Mart/Expo Hall – September 16-18 – INTERNATIONAL GEM & JEWELRY SHOW DENVER – Denver Mart/Pavillion Building – September 15-18 -- JG&M EXPO DENVER – Quality Inn Central – September 14-28 -- MINER'S CO-OP MINERAL SHOW – Denver COLISEUM (parking lot) -- September 10-18

OCTOBER 7-9 -- MOAB, UTAH – Annual show; MOAB Points and Pebbles Club, Old Spanish Trail Arena; 3641 S Highway 191; Fri. 10-6, Sat. 10-6, Sun. 10-4; Free Admission; Rock, gem, mineral and lapidary arts vendors. Equipment, supplies displays, demos. Spin wheel, Door Prizes. Food concession on premise.; contact Jerry Hansen, PO Box 1459, Moab, Ut 84532; email: moabrockclub@live.com

OCTOBER 21-23 – WEST JORDAN, UTAH – Annual show; Rockhounds Outreach for Community Knowledge (R.O.C.K.), Viridian Library and Event Center; 8030 South 1825 West; Fri. 10-7, Sat. 10-7, Sun. 10-5; Admission \$2, Children under 12 free; There will be fossils, minerals, gems and jewelry on display and for sale. Hands on activities for everyone. Come build your own rock collection. Door Prizes and a Silent Auction will be going on daily.; contact Angela McMahon, (801)-634-5167; email: utahninnj@aol.com; Web site: <http://www.rockhoundssock.com/>

November 4-5 -- HURRICANE, UTAH – Annual show; 3rd Annual Southern Utah Rock and Gem Show, Washington County Regional Park; 5500 West 700 South; Fri. 10-7, Sat. 10-7; Free Admission; Come and enjoy this event and see what our vendors have for you. Rocks, fossils, minerals, opals, Septarian nodules, petrified wood, jewelry, slabs, equipment, demonstrations, black light room, cabs, and so much more. Something for everyone from kids on up. Silent Auction to raise money for the Children of Hope Academy.; contact Eric Funk, Ut, (435)-609-0136; email: eric_funk@yahoo.com

GOLD, NIFTY MINERALS & GEORGE CUSTER: THE BLACK HILLS OF SOUTH DAKOTA

MIKE NELSON – COLORADO SPRINGS MINERALOGICAL SOCIETY.

WESTERN DAKOTA GEM AND MINERAL SOCIETY

The Black Hills are located in the southern corner of South Dakota, where they are a welcome topographic relief from the rolling prairies of the Great Plains. Harney Peak, at 7,242 feet, the highest peak in the lower 48 east of the main ranges of the Rocky Mountains, is nearly 4500 feet higher than the plains to the east. The Hills are a north-south elongated domal uplift associated with the Laramide Orogeny exposing rocks ranging in age from the Archean (Precambrian ~2.6 Ga) to the present. The Hills are a great place to observe geological history as old rocks of the Archean and Proterozoic (Precambrian) core the dome while younger sedimentary, and a few igneous rocks are stacked up surrounding this inner core.

Various minerals have been mined, almost continuously, from rocks of the Hills since George Custer's expedition in 1874. The Homestake Mine near Lead in the northern Hills, although currently closed, is perhaps the best known gold mine in the U.S. Pegmatites in the Proterozoic core have produced a variety of mineable minerals including giant crystals of spodumene, beryl and muscovite/biotite. Today the old mines of the Hills produce a wide variety of specimen minerals, especially the best phosphate microminerals in the country. And finally, visitors flock to visit Mt. Rushmore National Monument.

IDMONARACHNE BRASIERI

This beautifully preserved fossil from France has given paleontologist a look at almost the earliest spiders. It lived 305 million years ago. Amateur fossil hunter Daniel Sotty found it in the ancient rock of Montceaux-Mines in eastern France.

Further study by University of Manchester Paleontologist Russell Garwood revealed various arachnid traits including very spider-like fangs. But also some significant differences like segments along its abdomen and no spinnerets. These spiders were called Uraraneids. They could produce silk but not build with it. They had spigots but not spinnerets.

Full article @ news.nationalgeographic.com. "Creepy New Fossil Shows The Dawn of Spiders".



