



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

Affiliated with RMFMS & AFMS

February 2017 Edition  
Meeting: February 9, 2017. 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

February 2017

## WESTERN DAKOTA GEM AND MINERAL SOCIETY 2016-17 OFFICERS AND CHAIRMEN

<b>President:</b> Truman Goddard -- 12009 Crook City Rd, Whitewood, SD 57793 .....	605 269-2015
<b>Vice President:</b> John Dickinson -- PO Box 775, Lead, SD 57784.....	605-580-5579
<b>Secretary:</b> Judy Gordy -- 407 E Minnesota St Apt 209, Rapid City, SD 57701.....	402-208-6079
<b>Treasurer:</b> Leslie Lysenko -- 2710 Mystic Mountain Rd., Rapid City, SD 57702.....	605-786-8801
<b>BHRMUC Rep:</b> Ellen Tilley -- 21653 Piedmont Meadows Rd., Piedmont, SD 57769.....	605-787-4659
<b>RMFS SD Dir.:</b> Sony Hemsher -- PO Box 376, Piedmont, SD 57769.....	605-431-2755
<b>RMFMS PLAC Rep:</b> Brandon Nelson -- 1607 Sioux Ave, Rapid City, SD 57701.....	605-593-6610
<b>ALAA SD Rep:</b> Brandon Nelson -- 1607 Sioux Ave, Rapid City, SD 57701.....	605-593-6610
<b>Field Trip Chairman:</b> Ellen Tilley -- 21653 Piedmont Meadows Rd, Piedmont, SD 57769.....	605-787-4659
<b>Board Member:</b> Sony Hemsher -- P. O. Box 376, Piedmont, SD 57769.....	605-431-2755
<b>Board Member:</b> Kelli Wold -- 4511 Ridgewood, Rapid City, SD 57702.....	605-381-6418
<b>Board Member:</b> Ellen Tilley -- 21653 Piedmont Meadows Rd., Piedmont, SD 57769.....	605-787-4659
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<b>Calling Committee:</b> Jan Goheen 605-341-6161      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](http://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 Center, 315 N 4<sup>th</sup> St., Rapid City, SD 57701

**ANY SUBMISSIONS FOR THE NEWSLETTER SHOULD BE IN BY THE 25<sup>TH</sup> 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](mailto: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:** Leslie Lysenko, PO Box 3620, Rapid City, SD 57709-3620

**MEETING: Thursday, February 9, 2017**

**PROGRAM:** Danielle Serratia – Asst Director of the Museum of Geology

**REFRESHMENTS:** Patricia Dickinson

**DOOR PRIZES:** Mike Chamberlain

## MESSAGE FROM THE PRESIDENT –TRUMAN GODDARD

**Hi everyone**

**We will have a speaker from the School of Mines. She is the curator of the Museum. Subject is the museum I think, but don't hold me to that. Didn't get that verified so am unsure. Should be interesting either way. So come and enjoy.**

Have exhibit-demonstration forms and will bring to the meeting. If you would like to exhibit something at the show and need a case reserved. See me for a form. Would like to get started on that so as to know how many cases we will need.

Hope to see everyone there.

Truman

## MINUTES FOR THE REGULAR MEETING JANUARY 12, 2016

**The meeting was called to order at 7:11 pm by President Truman Goddard.**

**The program for this evening was Barbara Beasley talking about her trip to the Galapagos Islands. She was part of a group of six friends that took the trip. They flew to Equator then to the islands where they boarded a boat to travel around the islands. They toured the islands and snorkeled. There were rules like don't touch the animals and stay on the trails. She had lots of pictures. All the food they were served was locally grown.**

**The meeting resumed at 8:00 pm. We had one new member – Lisa Meyer. There was one guest tonight – Scott Allen.**

**The meeting..inutes of the November meeting – Lori Green had a correction to the minutes. She had moved that \$500 be budgeted for publicity for the show with no conditions on how that \$500 is spent. It was to be at the description of the publicity chairman since they had done the research on the publicity. Earl Rinsed moved and Sony Hemsher seconded the motion to accept the minutes as corrected. The motion passed.**

**The Treasurer's report was read by Leslie Lysenko. We had \$8990.06 in November and our balance is now \$8577.93. Bills from Leslie Lysenko, Judy Gordy, and the scholarship were paid. It was announced that some changes have been made to the bank account. The account has been changed to a business account and we now have both a checking and a savings account. Kelli Wold moved and Earl Rinehard seconded the motion to accept the Treasurer's report as read. The motion passed.**

**There was no multiple use report since Ellen Tilley was not in attendance.**

**Brandon Nelson didn't have a report from either the RMFMS Plac. or the ALAA.**

**Sony Hemsher reported on the RMFMS convention in Albuquerque, New Mexico in March. There will be a field trip to a mine following the convention.**

Truman Goddard appointed Kelli Wold to finish the term of Board Member to replace David Ramberg, who unfortunately passed away.

Lori Green asked about the bank account. She stated that she thought the club was going to change banks. Truman Goddard explained that the change of banks is still being investigated. But this change to a business account has solved the problems we had with depositing money from the show.

Leslie Lysenko reported the Dale Joebgen's wife Agnes passed away on January 9<sup>th</sup>. The Memorial Service is Saturday January 14<sup>th</sup> at 2 pm at Behrens-Wilson Funeral Home.

Truman Goddard discussed that the board is short one member this year. That the position of Past President is vacant, so he will talk to Annette Rathert about filling the position.

It was announced that a class on the "Introduction to the Black Hills Geology 2017" is being offered at the Journey Museum. It will be on Monday nights from January 23<sup>rd</sup> to February 27<sup>th</sup> at 6:30 pm to 8:30 pm. The class is \$90.00 or \$70.00 for members of the Journey Museum or the D.arton Geological Society.

**SHOW COMMITTEE** – Rebecca Wood showed the flyer she has mocked up for the rock show. There needs to be at least 50 flyers to go to the RMFMS convention in March. Checking on printing prices – Office Depot will charge \$69.00 per hundred. Lori Green moved and Kelli Wold seconded a motion to approve the needed money to print the flyers.

**M**

Truman Goddard reminded everyone that past practice has been to give the delegates to the RMFMS convention \$100.00 each to help cover costs. This will be handled at the next meeting.

It was also pointed out that the RMFMS has a monthly bulletin and that anybody wanting copies needs to sign up at their website.

The meeting was adjourned at 8:35 pm.

Judy Gordy. Secretary

**AT THE JANUARY 12, 2017 BOARD MEETING IT WAS DECIDED THAT THE MINUTES FOR THE BOARD MEETINGS SHOULD BE PRINTED IN THE NEWSLETTER SO EVERYONE WOULD KNOW WHAT WAS DISCUSSED AND DECIDED ON IN THE BOARD MEETINGS.**

#### **BOARD / SHOW MEETING of DECEMBER 8, 2016**

Following the Christmas Potluck, we had an informal Board / Show meeting. I did not take formal minutes, but will try to recap what took place.

President Truman Goddard and Show Chairman Brandon Nelson preceded.  
.?,? over the meeting. We went over the list of committees for the show:

**Show Chairman: Brandon Nelson**  
**Show Co-chairman: Truman Goddard**  
**Treasurer: Leslie Lysenko**  
**Secretary: Judy Gordy**  
**Vendor Coordinator: Tabitha & Rebecca Wood**  
**Flyers – Programs – Tickets: Rebecca & Tabitha Wood**  
**Programs – Lectures & Special Exhibits: John Dickinson**  
**Exhibit Coordinator (Cases): Truman Goddard**  
**Publicity Coordinator: Judy Gordy & Tabitha Wood**  
**Awards – Door Prizes – Ribbons:**  
**Information Table: Judy Gordy**  
**Children's Corner: Ellen Tilley**  
**Silent Auction: Tabitha & Rebecca Wood**  
**Fluorescent Display: John Dickinson**  
**Field Trip:**  
**Security:**  
**Pot Luck: Leslie Lysenko**  
**Club Case:**  
**Lighting: Truman Goddard**  
**Misc. Jobs for the Show:**

There were discussions and suggestions about speakers: Barbara Beasley, Pete Larsen – possibly Frank Garcia, Neal Larson. Demonstrators: wire wrapping & Flint knapping. There was also a discussion about possibly having a rock id table. It was asked if the School of Mines didn't handle that – they haven't done it in the past. Mike Chamberlain said he would do it if we decided to have it.

There was then a discussion about the need to set down some rules for how the show was going to be handled, so we didn't run into some of the problems we had last year. Rules:

All items for the Silent Auction need to be logged in through Tabitha or Rebecca Wood with the appropriate paperwork.

Tabitha or Rebecca Wood will organize what items are put out for each auction – owners will not put out their own items on the table.

The diagram with vendor locations will be at the information table.

Vendor check in will be at the information table.

The diagram for the display cases will be at the information table.

No free tables – for any reason

Suggested compromise – Demonstrators can sell their items at their demo location for the hour they are demonstrating with a signed contract.

At completion of the show each person should inventory their supplies for what's needed for the next show and turn it into the Show Chairman.

Judy Gordy. Secretary

**BOARD MEETING. JANUARY 12, 2017**

**Unfortunately I was about 15-20 minutes late so I missed the beginning of the board meeting.**

**Prior to my arrival, Kelli Wold had been appointed to finish David Ramberg's term as Board Member.**

**There was a discussion that the Rocky Mountain Federation was pushing their newsletter and that everyone should sign up to receive the newsletter by email.**

**Rebecca Wood showed what she had mocked up for the Rock Show flyer. There was then a discussion about the number of flyers needed and the prices we are looking at for printing. It was also pointed out that their was possibly money at the UPS Store on Haines for color copies. Some one will need to check with the store.**

**Judy Gordy pointed out that the By-Laws call for nine members of the Board and we have only eight members. And this is the third year that we have had only eight members not nine. This year we have only eight members because there is no Past President since Truman is President for a second year. Last year, the Past President and the Historian were the same person. The year before that , the President and the Historian were the same person. Do we want to set up a special provision in the By-Laws to fill a one year position when this situation exists. Truman suggested he would talk to Annette Rathert to see if she wanted to fill the position of Past President. So the discussion was tabled until the next meeting.**

**It was also pointed out that Calvin Luke had been added to the Board as the Librarian before I got to the meeting.**

**There were questions asked about the vendor contracts. Tabitha Wood was not in attendance since her job sent her to Florida this week. Judy Gordy reported that she was not sure about the contracts. But had understood that there were some things that needed to be printed, but that she had received one check from a vendor.**

**The meeting kind of drifted into private conversations.**

**Judy Gordy brought up to Truman Goddard that Tom Loomis had requested to be able to put the Ammonite newsletter on his website. That he thought it would possibly help with membership. Truman's answer was yes that it would be fine to put the newsletter on his website.**

**Judy Gordy. Secretary**

**WITH DEEPEST SYMPATHIES**

**Dale Joebgen's wife Agnes passed away on January 9<sup>th</sup> after suffering a long battle with Congestive Heart Failure. Agnes was 89 and they had been married for 69 years. The Memorial Service was Saturday January 14<sup>th</sup>. We extend our deepest sympathies to Dale.**

## ANNOUNCEMENTS

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REMEMBER THE ROCK SHOW IS JULY 22<sup>nd</sup> & 23<sup>rd</sup>. NEED LOTS OF VOLUNTEERS. IF YOU WANT TO HELP WITH THE SILENT AUCTION, CONTACT TABITHA WOOD 402-706-0168 OR [nestormdancer2003@hotmail.com](mailto:nestormdancer2003@hotmail.com). IF YOU WANT TO HELP AT THE INFORMATION TABLE OR ADMISSION TABLE, CONTACT JUDY GORDY 402-208-6079 OR [ammonitenewsletter@gmail.com](mailto:ammonitenewsletter@gmail.com). ANY OTHER JOBS, TALK TO BRANDON NELSON 605-593-6610 or [a.nelson917@gmail.com](mailto:a.nelson917@gmail.com) OR TRUMAN GODDARD 605-298-2015 OR [trumangoddard@gmail.com](mailto:trumangoddard@gmail.com).

REMEMBER TO SAVE DOZEN SIZE EGG CARTONS FOR ELLEN TILLEY FOR THE KIDS CORNER AT THE ROCK SHOW

ANY SUGGESTIONS FOR PROGRAMS FOR OUR MEETINGS? PLEASE TALK TO JOHN DICKINSON. NEED PROGRAMS FOR APRIL AND ALL LATER MONTHS.

REMEMBER SIGN UP SHEET FOR DOOR PRIZES AND REFRESHMENTS.

## FUTURE SHOW

**January 17 – February 13, 2017 – Tucson, Arizona – Winter 2017 – The Winter show is 49 separate shows lasting from 1 day to 26 days – Some are wholesale only, business only, public, pre-registration and some have registration fees. – check “tucsongemshow.net” for exact dates, locations, and type of show.**

**February 3-5, 2017 – Roseville, California – Wholesale and retail show --- Gem Faire Inc, Placer County Fairgrounds, 800 All America City Blvd, Roseville, Ca. – Fri 12-6. Sat 10-6, Sun 10-5 – Admission \$7**

**February 4-5, 2017 – Merritt Island, Florida – Annual show – Central Brevard Rock and Gem Club, Kiwanis Recreation Center, 951 Kiwanis Island Park Rd, Merritt Island, Fl – Sat 10-5, Sun 10-5 -- Admission \$5, Children free 11 and under with adult.**

**February 10-12, 2017 -- Quartzsite, Arizona – Annual show – Quartzsite Gold Show, QIA – 235 N Ironwood, Quartzsite, Az. -- Fri 9-4, Sat 9-4. Sun 9-3 -- Admission \$5. Children free**

**February 10-12, 2017 -- Melbourne, Florida – Show and Sale --- Frank Cox Productions, Melbourne Auditorium, 625 E Hibiscus Blvd, Melbourne, Fl. – Daily 10-5 – Admission \$5, Under 16 free**

**February 11-12, 2016 – Oak Harbor, Washington -- 52nd Annual show --- Whidby Island Gem Club --- Oak Harbor Senior Center, 51 SE Jerome, Oak Harbor, Wa. – Sat 9-5, Sun 9-4 -- Free**

**February 17-19, 2017 -- Indianapolis, Indiana -- 15<sup>th</sup> Annual Indiana State Museum Fossil, Gem & Mineral Show – by Indiana State Museum – Indiana State Museum, 650 West Washington St, Indianapolis, In.**

**February 17-19, 2017 -- Kirkwood, Missouri (St Louis area) – Annual Gem, Jewelry, Rock, Mineral and Fossil Show --- by Cabin Fever Productions – Kirkwood Community Center, 111 S Geyer Rd, Kirkwood, Mo.**

February 17-19, 2016 – Santa Barbara, California --- Wholesale and retail show --- Gem Faire, Inc – Earl Warren Showgrounds, 3400 Calle Real, Santa Barbara, Ca – Fri 12-6, Sat 10-6, Sun 10-5 – Admission \$7, Children free (ages 0-11)

February 17-26 -- Indio, California – Annual show – San Gorgonio Mineral & Gem Socket & Riverside C0ty Fair & National Date Festival --- 82-503 Hwy 111, Gem & Mineral Building, Indio, Ca – Admission \$9, Seniors \$8, Students \$7, Children free under 5

February 18, 2016 – Llano, Texas – Annual Show – Friends of the Llano Red Top Jail -- Llano County Community Center, County Road 152, Llano, Tx – Sat 8-5 --- Free Admission

February 18-19, 2017 -- Albany, New York -- 24<sup>th</sup> Annual James Campbell Memorial Gem, Mineral and Fossil Show and Sale – by Capital Mineral Club and the New York State Academy of Mineralogy – New York State Museum, Empire State Plaza on Madison Avenue, Albany, New York

February 18-19, 2016 – Antioch, California --- Annual show – Antioch Lapidary Club – Contra Costa Country Fairgrounds, 1201 West 10<sup>th</sup> Street, Antioch, Ca. – Sat 10-5, Sun 10-5 – Admission \$5, Children free

February 18-19, 2016 -- Georgetown, Texas – Annual show – WCGMS – San Gabriel Park Community Center, 334 East Morrow Street, Georgetown, Tx. – Sat 10-6, Sun 10-5 – Admission Adults \$3, Seniors \$3, Students \$2. Children under 6 Free

February 24-26, 20160 – Costa Mesa, California --- Wholesale and retail show --- Gem Faire, Inc, --- OC Fair & Event Center, 88 Fair Dr., Costa Mesa, Ca. – Fri 12-6 Sat 10-6 Sun 10-5 – Admission \$7, Children free (ages 0-11)

February 24-26, 2016 -- Portland, Oregon – Annual show – Oregon Agate and Mineral Society – OMSI (Oregon Museum of Science and Industry), 1945 SE Water Ave, Portland, Or – Fri 9-5, Sat 9-5, Sun 9-5 --- Free admission

February 25, 2017 -- Lakeland, Florida – Annual Show – Bone Valley Gem, Mineral & Fossil Society, Inc. – First Presbyterian Church, 175 Lake Hollingsworth Dr., Lakeland, Fl. – Sat 9-4:30 --- Admission Adults \$3

February 25-26, 2017 -- Jackson, Mississippi – Annual Show – Mississippi Gem and Mineral Society – Mississippi Fairgrounds, Trade Mart Building --- Sat 9-6, Sun 10-5 --- Admission Adults \$6, Students \$3

February 25-26, 2017 -- Vallejo, California – Annual Show – Clear Lake Gem & Mineral Society – Solano County Fairgrounds, McCormick Hall, 900 Fairgrounds Dr., Vallejo, Ca. – Sat 10-5, Sun 10-5 --- Admission Adults/Seniors \$5 Children under 12 Free

February 25-26, 2017 -- Pasadena, Texas – Annual Show – Clear Lake Gem & Mineral Society – Pasadena Convention Center, 7902 Fairmont Parkway, Pasadena, Tx. – Sat 10-6, Sun 10-5 --- Admission Adults/ Seniors \$7 Students \$3 Children free

February 25-26, 2017 -- Plainview, Texas – Annual Show -- Hi-Plains Gem and Mineral Society – Ollie Liner Center, 2000 S Columbia, Plainview, Tx. --- Sat 10-6 Sun 10-5 – Admission \$3

February 25-26, 2017 – San Francisco, California --- Show and Sale --- Pacific Crystal Guild --- Fort Mason Center, 2 Marina Blvd, San Francisco, Ca. – Sat 10-6 Sun 10-4 --- Admission \$12 Children free

February 25-26, 2017 -- Boise, Idaho – Annual Show – Idaho Gem Club --- Expo Idaho, 5610 Glenwood, Boise, Id. – Sat 10-6 Sun 10-5 --- Admission \$4 Children 12 & under free

March 3-5, 2017 -- Newark, California --- Annual Show – Mineral & Gem Society of Castro Valley --- Newark Pavilion, 6430 Thornton Ave, Newark, Ca. – Fri 10-6 Sat 10-6 Sun 10-5 – Admission Adults \$10, Children free with Adult



**March 3-5, 2017 -- Richmond, Indiana – Annual Show – Eastern Indiana Gem & Geological Society – Wayne County Fairgrounds, 861 N Salisbury Rd, Richmond, In. – Fri 10-6, Sat 10-6, Sun 11-4 --- Admission Adults \$5, Seniors \$3, Students ages 7-18 \$1, Children under 7 Free**

**March 3-5, 2017 – Del Mar, California – Wholesale and retail show --- Gem Faire Inc. --- Del Mar Fairgrounds, 2260 Jimmy Durante Blvd, Del Mar, Ca. – Fri 12-6, Sat 10-6, Sun 10-5 – Admission \$7 weekend pass, Children free (ages 0-11)**

**March 3-5, 2017 – St Petersburg, Florida – Annual Show – Suncoast Gem and Mineral Society – Minnreg Hall, 6340 126<sup>th</sup> Ave N, St Petersburg, Fl. – Fri 10-6, Sat 10-6, Sun 10-5 -- Admission Adults/Seniors \$5, Students \$4, Free admission for children**

**Match 4-5, 2017 -- Arcadia, California – Annual show – Monrovia Rockhounds—LA County Arboretum & Botanic Garden, 301 North Baldwin Ave, Arcadia, Ca. – Sat 9-4:30, Sun 9-4:30 – Admission Adults \$9, Seniors/Students \$6, Children \$4**

**Match 4-5, 2017 – Big Springs, Texas – Show and sale – Big Springs Prospecting Club – Howard County Fair Barn, Rodeo Grounds, Big Springs, Tx. – Sat 9-5 – Free admission**

**March 4-5, 2017 -- Caldwell, Idaho – Annual show – Owhyee Gem & Mineral Society -- O'Conner Field House, 2200 Blaine, Caldwell, Id. – Sat 10-6, Sun 10-5 – Adults \$4, Children 11 and under free**

**March 4-5, 2017 -- Meriden, Connecticut – Annual show – Lapidary & Mineral Society of Central Connecticut – Maloney High School, 121 Gravel Street, Meriden, Ct. – Sat 9:30-5, Sun 10-4 – Admission Adults \$5 Children under 12 free**

**March 4-5, 2017 -- Wilmington, Delaware -- 54<sup>th</sup> Annual Gem, Mineral & Fossil Show – Theme: QUARTZ, OF COURSE! – by Delaware Mineralogical Society -- Arsht Hall, University of Delaware, 2700 Pennsylvania Ave, Wilmington, De.**

**March 10-12, 2017 -- Augusta, Georgia -- 29<sup>th</sup> Annual Aiken-Augusta Gem, Mineral & Fossil Show – by Aiken Gem, Mineral & Fossil Society and Augusta Gem & Mineral Society – Julian Smith Casino, 2200 Broad Street, Augusta, Ga.**

**March 10-12, 2017 – Kansas City, Missouri -- 56<sup>th</sup> Annual Gem & Mineral Show – by Association of Earth Science Clubs of Greater Kansas City – KCI Expo Center, 11730 NW Ambassador Drive, Kansas City, Mo.**

**March 11, 2017 -- Skokie, Illinois (Chicago area) -- 68<sup>th</sup> Annual Silent Auction of Rocks, Minerals, Fossils and Lapidary Treasures --- by Chicago Rocks & Minerals Society -- St. Peter's United Church of Christ, Gymnasium (8013<sup>th</sup> Laramie Avenue, across street from the public library on Oakton**

**March 11-12, 2017 -- Turlock, California -- 51<sup>st</sup> Annual Rock, Mineral & Jewelry Show – by Mother Lode Mineral Society – Stanislaus Fairgrounds, 900 North Broadway, Turlock, Ca.**

**March 17-19, 2017 – Albuquerque, New Mexico – 2017 RMFMS Convention – by the Albuquerque Gem & Mineral Club – Expo NM State Fairgrounds, 310 San Pedro NE, Enter Gate 3, Albuquerque, NM – Fri 10-6, Sat 10-6, Sun 10-6 – Admission Adults \$3, Children free under 13**

**March 17-19, 2017 – Jackson Michigan --- 55<sup>th</sup> Annual Show – by Michigan Gem & Mineral Society – Theme: WE WILL ROCK YOU – Jackson County Fairgrounds, American One Event Center, 200 West Brandon Street, Jackson, Mi.**

**March 18-19, 2017 -- Gaithersburg, Maryland -- 53<sup>rd</sup> Annual Gem, Mineral and Fossil Show --- by Gem, Lapidary and Mineral Society of Montgomery County, Maryland – Montgomery County Fairgrounds, 16 Chestnut Street, Gaithersburg, Md.**

**March 25-26, 2017 -- Anthem, Arizona (Phoenix area) -- 4<sup>th</sup> Annual Gem & Mineral Show – by Daisy Mountain Rock & Mineral Club – Boulder Creek High School, 40404 N. Gavilan Peak Parkway, Anthem, Az.**

March 25-26, 2017 -- Chambersburg, Pennsylvania -- 39<sup>th</sup> Annual Gem, Mineral & Jewelry Show – by Franklin County Rock & Mineral Club – Hamilton Heights Elementary School, 1589 Johnson Road, Chambersburg, Pa.

June 2-4, 2017 – Wauseon, Ohio – Jewelry, Rock and Mineral Show – by State Line Gem & Mineral Society – Friday 6/2 @ 9am – Sunday 6/4 @ 1pm – Fulton County Fairgrounds, 8591 State Route 108.

June 9-11, 2017 – Ventura, California – Ventura Rocks the Nation – CFMS – AFMS Show – by Ventura Gem & Mineral Society – member of the California Federation of Mineral Societies – Fri. – SAT. 10 am – 5 pm, Sun. 10 am – 4 pm – Ventura County Fairgrounds, 10 Harbor Blvd, Ventura, Ca.

JULY 22-23, 2017 --- Rapid City, SD -- 37<sup>th</sup> Annual Gem & Mineral Show – by Western Dakota Gem & Mineral Society – Rapid City Civic Center – Saturday 9am-6pm – Sunday 10am-4pm – Set up day is Friday 8am to 6pm with a pot luck dinner at 6 pm for members and vendors.

### FIRST EVIDENCE OF RAPTORS DISCOVERED AT DINOSAUR RIDGE

Evidence of prehistoric raptors, with sickle claws has been found at Dinosaur Ridge. Martin Lockley, a University of Colorado Denver geologist and his team have found evidence of two-toed tracks, not previously known at Dinosaur Ridge. These tracks were made by Cretaceous carnivorous dinosaurs like Velociraptor, Utahraptor and their relatives.

The study published in the journal “Cretaceous Research” identifies this as the first discovery of this track type at this well-known research site, but also the first report of two-toed tracks in Colorado and only the second ever in North America. Per Lockley, “these two-toed tracks are very rare”. He recently worked with Chinese researcher Lida Xing on documenting the global distribution of this type of track. “There are only about 16 reports worldwide and 12 of these are from China and Korea”.

Before the discovery at Dinosaur Ridge, the only convincing reports of this type of tracks was from the Moab area of eastern Utah in rocks about 112 million years old. Lockley worked with the Bureau of Land Management to document the site, concluding that this trackway or trail of dinosaur tracks represents the first ever found in North America.

Although Lockley and his team have spent decades studying hundreds of sites in younger than 100-million-year-old layers of rock, they have never found any raptor tracks. The recently found tracks are in layers of rock dating back 105-million-years. According to Lockley and other geologists, these ancient layers represent different environments from the wet coastal plain habitats of the 100-million-year-old rocks. “A few million-years is as long time in evolution and plenty of time for changes in the ancient environment and ecosystem” Lockley said. “The discovery of these raptor tracks demonstrates the substantial changes in the Cretaceous landscapes in North America over time.”

Knowridge Science Report. January 20, 2017

## DINOSAUR RIDGE

Dinosaur Ridge is a segment of the Dakota Hogback in the Morrison Fossil Area National Landmark in Jefferson, Colorado, near the town of Morrison and just west of Denver.

Dinosaur Ridge is one of the most famous fossil localities. In 1877, Arthur Lakes, a Golden Colorado teacher, who became a professor at the Colorado School of Mines, found some of the best known dinosaurs here, including Apatosaurus, Diplodocus, Stegosaurus, and Allosaurus. In 1973, the area was recognized for its uniqueness and historic and scientific significance by being designated as the Morrison Fossil Area National Natural Landmark by the National Park Service. In 1989, the Friends of Dinosaur Ridge was formed to address the increasing concerns regarding the preservation of the site and to offer educational programs about the site.

The rocks on the east side of Dinosaur Ridge are part of the Cretaceous Dakota Formation. In 1937, when they were building the Alameda Parkway to provide access to Red Rocks Park, the workers discovered hundreds of dinosaur footprints. The footprints were mostly Iguanodon-like tracks, possibly Eolambia, but carnivorous theropod tracks were also present.

The site features an exhibit hall with displays about the dinosaurs found at the site. Plus, there are interpretive signs at trail locations that explain the local geology, a volcanic ash bed, trace fossils, paleo-ecology, economic development of coal, oil, and clay, and many other geologic and paleontological features.

Wikipedia ---- [realcoloradotravel.com](http://realcoloradotravel.com) by staff April 3, 2013

## DINOSAUR RIDGE

Dinosaur Ridge. 16831 W Alameda Pkwy, Morrison, Colorado 80465

The friends of Dinosaur Ridge is a not for profit 501c3 organization that maintains a visitor center and two interpretive trails with the help of members, friends, family, donors, and many grant giving organizations.

### VISIT CENTER AND CLASSROOM

This area has been used by several generations of earth science teachers as an outdoor geology laboratory for students of all ages, and it has received several honors:

In 1973, the National Park Service designated this area as the Morrison Fossil Area National Natural Landmark, in recognition of its uniqueness and it's historical and scientific significance.

In 2001, the State of Colorado designated it a state Natural Area for its paleontological and ecological significance.

In 2006, the Colorado Geological Survey designated both Dinosaur Ridge and the Triceratops Trail as points of geological interest.

In 2009, USA Today recognized Dinosaur Ridge as the outstanding free vacation venue in Colorado.

## DISCOVERY BY OREGON ARCHAEOLOGIST LOOKS 12,000-YEARS INO PAST AT PEOPLE WHO SETTLED THE WEST COAST

Excavations of stone-age tools, discarded shells and animal bones on California's northern Channel Islands gives new insight into the long-vanished people who settled the West Coast more than 12,000 years ago. They show that these early Americans were seafaring travelers adept at hunting birds and seals, along with catching large quantities of fish and shellfish. Their crescent-shaped tools connect them to the first people in Oregon, Washington and Idaho. The delicate barbed projectile points resemble the stone tools found in ice age sites in Japan.

The 13,000-year-old human bones found in 1959 on Santa Rosa Island revealed that people occupied the Channel Islands very early but their buried site included nothing but the bones. Jon Erlandson, University of Oregon professor of Anthropology and leader of the new excavations, said that they didn't really know much about what these people were doing on the Channel Islands.

The northern four Channel Islands were connected as one island until the sea levels rose about 200 feet with the melting of the continental ice sheets about 10,000 years ago. The rising water submerged the lowlands that connected the islands and also submerged coastal sites that the early seafaring people had occupied making it tough for researchers to reconstruct their arrival and expansion.

Erlandson and his collaborator, Torren Rick, from the Smithsonian Institution have searched the islands for a decade trying to locate more evidence of these people at higher elevations. They were looking for springs with fresh water, caves offering shelter or chert outcrops providing stone for toolmaking. The islands lack of burrowing rodents and development has afforded the archaeologists with undisturbed layers of sediment for exceptionally accurate dating of remains.

The buried scrap piles show that these people ate rockfish, greenling, surfperch, herring and sardines. They also had mussels, abalone and the occasional seal. They also ate many birds: Canada geese, snow geese, cormorants and an extinct flightless goose. They may have attached the sharp crescent-shaped stone blades to darts to kill the birds.

Among the debris from toolmaking, one shard of obsidian was found which was unlike the chert. Chemical analysis matched it to a source nearly 200 miles away on the mainland, which suggests they had long-distance trading networks 12,000 years ago.

One site had 52 stone projectile points, some with intricate barbs and serrations, but they are unlike the Clovis points of the mammoth hunters, who migrated along the ice-free inland corridors. They have not found any Clovis points on the Channel Islands. The island's projectile points and crescents more closely resemble those common to Oregon, Washington, and the Great Basin.

Charlotte Beck, an Archaeology professor at Hamilton College in New York, says these findings support the view that the first settlers followed a coastal migration from Asia before the Clovis hunters. "The first colonists to arrive in America probably came from Siberia, leaving that region possibly as long as 30,000 years ago" per Beck.

Erlandson and his colleagues share that view. They believe that the seafaring people followed the "kelp highway" from coastal Asia across the Arctic and down the West Coast with nearly identical marine and coastal resources along the way. "There were kelp forests more or less continuously all the way from Japan to Baja California" per Erlandson. And some may have migrated inland to populate the Great Basin. Archaeologists have found 14,300-year-old human DNA in excrement in a cave in south-central Oregon, showing the presence of humans more than 1,000 years before the rise of the Clovis hunters.

Michael Waters, Director of the Center for the Study of the First Americans at Texas A&M University, points out that there is still much work left to do to clarify the routes and arrival times of people in the Americas. Researchers don't have substantial evidence for either an inland ice free corridor opening for migration or that firm evidence of movement along the coast predated Clovis sites.

### MAMMOTH BONES UNEARTHED AT OREGON STATE UNIVERSITY

During the Valley Football Center Expansion project, the construction crews digging in the north end zone of the Oregon State University Reser Stadium uncovered a large femur bone from a mammoth as well as bison and camel bones. OSU spokesman Steve Clark said their archaeologist believes this area may have been a pond or watering hole for these animals or a place the animals came to die. The construction crews called Loren Davis, Associate Professor of Anthropology at OSU, to the site when the bones were first found. Some of the bones are not in very good shape while others are actually quite well preserved. But the discovery of mammoth bones is not unusual since mammoths roamed the Willamette Valley by the thousands. These bones were found at a depth of about 10 feet. Work was suspended while Davis and other experts examined the find. Since there were no human remains or ancient artifacts found, it was not a protected archaeological site by Oregon's regulations governing paleontology finds. Davis said he and his students would escalate a large pile of dirt to see if they could find other bones and what they could learn about the ancient environment. The bones have been preserved, but the University hasn't decided how or when or where they will be displayed. And the expansion project has been completed.

By Joseph Rose. The Oregonian/Oregon Live. January 26, 2016 at 5:59 pm. Updated January 27, 2016 at 6:29 am.

### STRANGE THINGS FOUND IN THEIR OWN BACK YARD

**THE ANCIENT STONE:** Stephan Davis, an amateur historian, was researching the history of his house and came across references to an ancient stone in legal papers dating back to 1170. Further research indicated that the stone was thought to mark a burial plot from the bronze age dating back to about 2,500 BC. With the description from the historical documents, he started searching for the stone, and found it in his backyard completely covered in ivy. At the time of the find, the Historic Buildings and Monuments Commission of England was expected to pronounce the stone a "Scheduled Ancient Monument."

**MYSTERY OBJECT:** Two sisters in Kitchener Canada were digging for worms in their backyard, when they found what appeared to be a shiny rock that almost glowed a blue color and was about the size of their head. It was thought to be part of a meteorite that had fallen in their region the previous month. But when Earth Science Professor Phil McCausland looked at it, he disagreed saying the visible layer should be much darker if it was really part of a meteorite. Gary Winkler, a gem expert, was contacted but said it was not a gem of any known kind. He also speculated that the object was not of natural origin, but had been deliberately buried there.

**HUMAN REMAINS:** In Yuba City, California, the resident's of a new home got a surprise when their dog dug up a pot with human remains in it. Police and anthropologists discovered that the remains were part of a religious ritual. The search also uncovered artifacts such as doll fragments and other unexplained objects that tied in with the remains. Coins and . machete

**WOOLY MAMMOTH BONES:** in 2010, John and his sons were picking blackberries in a thickly wooded area on his property when one of the boys thought he saw a ball. When they got closer, John saw that it wasn't a ball and upon digging they found a four foot femur. When John took the bone to the University of Iowa, it was identified as a woolly mammoth, which were common in Iowa during the ice age 12,000 years ago. Fossil experts did two digs on the property and discovered foot and rib bones, now only the skull is missing.

**MASTODON BONES:** Larry Lozier was renovating his backyard pond in Hyde Park, New York when he discovered a large bone at the bottom. Thinking it was a cow or horse bone, he put it in his truck and drove around for a few days. Lozier called Dr Christopher R Linder, who identified it as a 12,000-year-old bone. Further excavation unearthed 90 bones which will be displayed in a new museum when everything is found.

**ABORIGINAL SKELETON:** Ken Sauce was digging holes for fence poles, when he came across some bones. Thinking they were animal bones, he put them away. His wife pressed the issue. They kept digging and found a skeleton. He contacted Michael Spencer, who identified the skeleton as an aboriginal woman in her 20's from the 1600's.

**1,000-POUND FOSSIL:** In 1978, Gary Johnson was a Junior at Rolling Hills High School in Rancho Palso Verdes, California with an interest in archaeology. He noticed a large rock, with a bone pattern on it, sticking out of the ground. With the help of some friends, they rolled the 1,000-pound rock into his family's backyard. After chipping away shale and dirt, Johnson called in an expert to get an opinion on his find. The expert deemed it an insignificant fossil, so it sat there for over 35 years. In February 2014, Johnson was watching the news about a 600-pound 12-million-year-old sperm whale skull found at Chadwick School, which was only a few hundred feet from where he had found his fossil. He called Howell Thomas, a Senior Paleontologist Preparer at the National History Museum of Los Angeles County. The fossil was estimated to be 14-16-million years old containing the skull and jawbone of a baleen whale and is one of 20 specimens known in the world. "It is a very rare fossil and something that we actually go out looking for" said Thomas. With the help of the Sheriff's Department and an all volunteer team, the fossil was strapped to a steel trolley and hauled with cables and pulleys out of the backyard ravine. It is now at the Natural History Museum and currently undergoing further study.

**1,000-YEAR-OLD NATIVE AMERICAN REMAINS:** In 2014, a Salt Lake City homeowner was trying to dig a pond for a landscaping project in his backyard and discovered bones. Although the bones seemed to be human, he wasn't sure so he called the local police department. The police sent the bones to the state Medical Examiner, who ran further tests. The results were that the bones were not a recent murder, but belonged to a Native American who lived in Utah about 1,000 years ago. Archaeologists continued excavating in the yard and believe they've found an Indian burial grounds, which will help them understand more about ancient cultures. State officials are contacting American Indian tribes to determine heritage. The state division of Indian Affairs will perform further testing and eventually a sacred re-internment.

**650-YEAR-OLD JEWELS:** In 2007, Andreas K. from Wiener Neustadt, Austria was digging in his backyard to expand his small pond. While digging, he found a bunch of jewelry. He put the dirty objects in a box in his basement and didn't think about them again until packing up after selling his house in 2009. After cleaning the objects and posting pictures on the internet, collector's alerted him of their value. He had found more than 200 rings brooches, ornate buckles, gold plated silver plates, and other pieces or fragments many encrusted with pearls, fossilized coral and other ornaments. They are said to be 650 years old. When he was alerted to their value, he put the treasures in a plastic bag and delivered them to the Bundesdenkmalamt (the Austrian Federal Monument Agency (BDA)). The BDA called it a "fairytale" find and added that it was a "sensational find." Mr K. doesn't want to cash in his find, but is interested in loaning them to an Austrian museum.

**MASTODON VERTEBRAE:** Two boys were building a dam in the creek that flows through their backyard in Detroit, Michigan, when they saw a strange looking rock sticking out of the ground. Thinking it might be a bone, the family called in Paleontologist John Zawiskie from the Cranbrook Institute of Science in Bloomfield Hills. He authenticated the bone as a mastodon vertebrae some 13,000 years old.

**METEORITE:** A Serbian man living in a little village in Northern Bosnia has had meteorites hit his yard six times in a row. For some reason his property seems to attract space rocks. He's beginning to think aliens are trying to bombard his house.

**DINOSAUR BONE:** In 1997, John Lambert from Ipswich, UK was building a fence in his backyard, when he found a large unusual bone. He thought it might be important, but put it in his shed and forgot about it for 16 years. In 2013, he finally took it to the Ipswich Museum where experts identified it as a 250-million-year-old Pliosaur. But the Pliosaur are not native to the English Sea, so it is a mystery as to why it was where he found it.

**GOLD NUGGET:** A California man was armed with a metal detector and a shovel, when he discovered an 8,2-pound lump of gold in his backyard in 2011. The nugget sold at auction for \$460,000. He remained anonymous to prevent a gold rush on his property. Geologists say its almost a 100% chance that there's more gold on his property.

**PREHISTORIC ARMADILLO SHELL:** Jose Antonio Nievas from Argentina found what he thought was a giant 'dinosaur egg' near his farm, but it turned out to be the shell of a Glyptodon – a prehistoric armadillo the size of a Volkswagon Beetle. The hole that was found in the shell was probably made by another Glyptodon during a fight.

**A TUNNEL TO THE GREAT PYRAMID OF CHEOPS:** A resident of El Haraneyya Village, near the legendary Giza Plateau in Egypt, found a tunnel while digging in his backyard. It was probably a hidden passage to the largest and oldest of the three Giza Pyramids – the Great Pyramid of Khufu (CHEOPS). The tunnel was described by Herodotus, the ancient Greek historian, who had visited Egypt.

“Strange Things Found In Their Own Backyard -- You Tube September 22, 2014. “10 Strangest Backyard Finds” – by Marcus Blake. oddee.com item\_99051 August 12, 2014. “10 Totally Unexpected Finds People Discovered In Their Backyards” brightside.me found backyard treasure. “25 Unusual Things You Won't Believe Were Found In A Backyard” by Peter H. On October 27, 2014. List25.com











