



Miz Prez 's message

Hi All,

Well I'm back from wet and sticky New Hampshire.

In spite of the humidity, we enjoyed our time in NH, and got to see our great granddaughters and of course our 3 boys and their wives. Our daughter was there

for 2 days so we saw her before she left for NM.

My mom, Lora Underwood, has moved in with my sister and her home will be put up for sale. She is 94 and decided to stop driving also.

We had the shop open some during July as we had several new members join and wished to use the shop. Judy and Maury were very helpful with this.

I want to thank Judy for doing the books for me while I was gone. Georgia will be back soon and then they will again be all hers.

Welcome to our new members and those that have supported the shop all this summer. You are a great bunch of folks.

See you at the general meeting on August 22nd.

The Prez *Marilyn*

ROUNDUP

As of July we have no Roundup Chairs for 2014. This is not a hard job, but we need someone to step up and volunteer to be the Chair or Chairs. There are lots of us who have done this several times, and we'll be available for all the assistance you would need. BUT it is other people's turn to serve the Club.

You do not have to live in Deming. Most of the stuff can be done by phone or by email. You would need to be here for the show, however, and a couple weeks, or so, before. Please contact Marilyn Page, or Maurice & Judy Crawford for more information.

CLASSES:

New sign-up sheets and materials lists are now in the clubhouse so sign up for anything you are interested in. We will be adding new classes as we can.

Rockhound State Park Happenings August 2013

by Rocky Rockhound

Did everyone enjoy the rain last month? On July 21st, we got .17 inches of rain! It is remarkable that we rejoice over such a small amount of rain, but we do. Must be the desert has something to do with it.

The construction of the new restroom has begun. Workmen leveled the old restroom, moved dirt around, and are ready to begin the new one. It will be much larger to accommodate campers and park visitors. A shop will be attached to the back of the building.

Music in the Park this month is called "AlmaZazz!" Judy Mitchell will play the accordion with favorite songs and hot gypsy jazz. This is her first time playing here, so welcome her. The program is on August 17th, from 6-8 pm, at the campground group shelter. Bring your comfy folding chair and enjoy. **Music in the Park** is sponsored by the Friends of Rockhound.

The **Mariachi Festival** will be held on Sept. 21st. Music by Corazon del Desierto, Rosas del Desierto, and Folklorico dancers. It will be held at the Visitor Center.

Summer hours at the Visitor Center are 9-noon, and 1-2pm. Our telephone number is 575-546-6182.

August Shop Schedule

Monday and Saturday 9 a.m.- noon

Wednesday, Noon until 3p.m.

CLOSED Tuesday, Thursday & Friday



How to become a Rockhound

*First, buy a bag of marbles.
Then, when you find a rock,
leave a marble.*

*When you've lost all your
marbles, you're a rockhound*

Deming Gem & Mineral Society, Inc. General Meeting – June 27, 2013

The meeting was called to order at 2:00 p.m. by acting President Jerry Abbey, filling in for Marilyn Page. Jerry led the Pledge of Allegiance. Since we did not have 20 members, this was an informational meeting.

New members and guests: Marvin & Sally Koenig, Joe & Juanita Long. Welcome!

Secretary's report: None

Treasurer's report: Judy Crawford, sitting in for Treasurer, Georgia Hoggatt, advised that all bills have been paid to date. The May monthly report is posted on the bulletin board.

Committee reports:

Membership: Judy is helping Elena Bost right now as she recovers and reports four new members this month. If anyone can help Elena, please let Marilyn or Judy know.

Sunshine: Barbara is away this summer, so Judy sent out get well cards to: Paul Browning, Marianne DeMott, Nancy Johnson, Paul Colburn and Christopher Blackwell (the Geode Kids).

Bulletin: Carolyn advised due to a miscommunication, those who get their Chips via email may not have received May and June/July. Those will go out in the next few days. You should always be able to access the Chips on the web-site also at www.dgms.bravehost.com.

Claims: Grass seed has arrived and mulch will be picked up on Friday. We need helpers to help spread both on our claim. Contact Maurice if you can help. Paul has recorded our Notice of Lode Mining Claims Locations with the County Clerk. He is staying on top of the paperwork.

Roundup: As of June 30, Maurice & Judy Crawford are no longer Roundup Chairs. Lyle has resigned and Keith had to go back to Alabama for family reasons. SOooo, we need 2-4 people to step up and help run our Gem & Mineral show in March, 2014. Each month starting in August,

there are a few things to pay attention to, but nothing major until Jan/Feb/Mar time frame when we have lots of snowbirds to help out. Please consider the challenge as this is what keeps our club running. You do not have to live here to be Roundup chairs. Snowbirds help is welcome.

Shop: New members are signing up and we have had steady turnout. Reminder, the shop will be closed the month of July for maintenance and cleaning.

Old Business:

1) Judy advised that contact was made with another broker to see if we can lower our insurance rate. Will advise when we have more information. We paid the first quarter of our insurance to give us more time to search.

2) REMINDER: July 4th ice cream social at the club at 7:00 p.m. Bring your own chairs for viewing fireworks as soon as it gets dark. Ice cream, toppings, coffee and tea will be provided.

New Business:

We have a Main Street Farmer's Market on Saturdays downtown. Crafters can set up for free. It was suggested that club members set up, be able to sell their own wares, have brochures and coupons for the club and give out information as to club activities to draw more people in. Anyone interested, show up, or call Judy for more information.

Break

50/50 won by Joe Bost.

Door prize of a walking stick won by Joe Long. Name tag prize of a bolo tie won by Joe Bost.

No further business for the good of the club. Meeting was adjourned at 2:45 p.m.

Respectfully submitted,

Judy Crawford, sitting in for Jerry Abbey, Secretary (who was sitting in for Marilyn Page, President).

A motorist was unknowingly caught in an automated speed trap that measured his speed using radar and photographed his car. He later received in the mail a ticket for \$40 and a photo of his car. Instead of payment, he sent the police department a photograph of \$40. Several days later, he received a letter from the police that contained another picture, this time of handcuffs. He immediately mailed in his \$40.





Happy August Birthdays to

*Elaine Angstman, Terry Barry,
Brian Beringer, Dan Broder,
Frances Chavez, Charles
Collier, Jim Contreras,
Felicia Franco, Rex Johnson, Joe Long,
Daniel Mayer, Joe Morone, Felipe Salazar,
J. Tindell, and Clint Townsend*

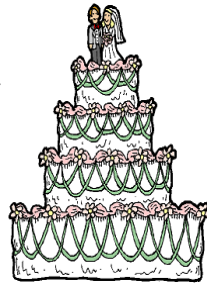


Welcome New Members!

Clint & Kathy Townsend —Deming, NM
Rex & Rosa Johnson — Deming, NM
Marv & Sally Koenig — Yuma, AZ
Joe & Juanita Long — Deming, NM

Happy Anniversaries

*Robert & Jean Clements, Al &
Joan Hemke, Marv & Sharee
Johnson, Vince & Adrienne
Novick, James & Cherie
Robb, Maureen & Tony
Scepka, Barry & Laura Watkins, and
Bill & Jane Wellons,*

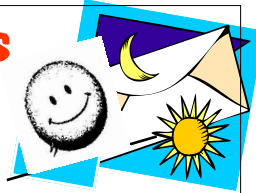


A little Medical Tip Homemade Ice Packs

Put 1 part rubbing alcohol and 3 parts water in Ziploc bags
This get REALLY cold, but never hardens, so you can manipulate it. Stack some in your freezer so you always have some on hand.

Sunshine Greetings

Get well cards were sent to Paul Browning, Marianne DeMott, Nancy Johnson, Paul Colburn and Christopher Blackwell (the Geode Kids).

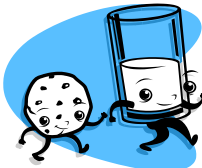


A card of sympathy was sent to the Family of Janice Ruonavaara.

If you know someone who needs a little Sunshine call Barbara at 544-8643.

Refreshments

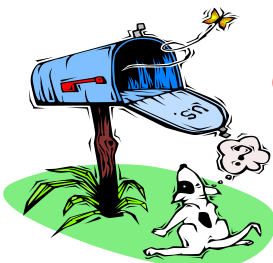
for August's meeting will be provided by club members



Thank you so much ... We love the goodies!

Change your address? Please let us know!

Send the changes to DGMS Membership,
P.O. Box 1459, Deming, NM 88031



Calories (noun):

Tiny creatures that live in your closet and sew your clothes a little bit tighter every night.



Paleontologist pranks

Source: Quarry Quips - April 2013

Deming Gem & Mineral Society, Inc. Board Meeting – August 7, 2013

The meeting was called to order at 2:05 p.m. and the pledge of Allegiance was led by our President, Marilyn Page.

Board members present were, Marilyn, Jerry Abbey, Carolyn Abbey, Maurice Crawford, and Judy Crawford. General member present was Ernie Bent.

Committee Reports

Secretary: Jerry said "I'M BACK....." A thank you card from Lora Underwood was read.

Treasurer: Financial report given and will be posted on the bulletin board. It was accepted and passed as given.

President: Marilyn stated that one of the two Scholarship recipients checks has not been given out yet, as there is no current contact information available.

Board discussed changes to Scholarship criteria and tabled it until Shirley K. returns from vacation.

Membership: Judy Crawford will continue to do the Membership duties, for Elena, through the rest of the year.

Sunshine: A card of sympathy was sent to the family of Jan Ruonavaara.

Claims: Thank you to Carlos & Fran Chavez, Cindy Jordan, Marv & Sally Koenig who helped Maury & Judy spread seed and mulch, at big Diggins, on July 5th. And, thank you to Paul Browning for doing all of the claim's paperwork. Everything has been filed and sent in.

Shop: The 24" saw received a new motor. We're hoping to re-

pair the old one to use for spare parts. The shop was held open in July at the request of several new members. The fees received offset the cost of the new 24" motor and then some.

Thank you to Fran & Carlos Chavez, Cindy Jorday, and Maury & Judy Crawford who helped clean and reorganize the shop.

Field Trips: None were scheduled for summer. Thank you to Fran, Carlos and Cindy, who have been great by taking out people who wanted to go rockhounding.

Old Business: Our 4th of July ice cream social was attended by approximately 40 people. The weather cooperated, the fireworks were great, lots of good goodies to eat, and a good time was had by all. Thanks to those who brought goodies.

New Business: Visitors from Sun City Arizona Rockhound Club (Bill & Vicky Kronenberg) came by to visit our club, and donated a five gallon bucket full of rock from "all over the place", and lots of slabs for silent auctions. They have invited us to come and visit their Rockhounds Museum at 103rd & Boswell in Sun City.

The subject of a possible change in club meeting hours, for the general meetings, was brought up. It will be discussed at the August 25th general meeting. Please be sure and attend to have your say on this.

The Club needs someone to act as Social Chairperson to replace Monika.

Meeting adjourned at 3:05 p.m.

Respectfully submitted by Jerry Abbey, Secretary

A ROCKHOUND'S RAMBLINGS *By Susan Young*

DID YOU KNOW...

TALC is used in eye shadow, liquid make-up, rouge, blushes and pressed powders.

IRON OXIDES (magnetite, black oxide, hematite, red oxide, limonite, yellow oxide, goethite) are used in liquid makeup.

ZINC OXIDE is used in creams to protect skin from the sun.

MICA is used in eye shadows. If coated with rutile or anatase, it makes pearlescent shades of lipstick, eye shadow, hair gel, body lotion, rouge and blush.

CALCITE is a binder in eye shadow and pressed makeup, in chewing gum bases, antibiotics, antacids and dentrifices.

QUARTZ is used in scouring soaps and toothpaste, in coatings for pills and capsules and in ointments, suppositories and lotions.

Recycling the ROCKHOUND'S way:

Old toothbrushes can clean specimens and stones, polish hard-to-get spots; the handle can be a burnish tool or polish mixer.

Foam meat trays are good for sorting or for small displays.

Milk and juice cartons provide bulk storage on a field trip. Close lid to stack.

Plastic tubs are good for mixing, sorting, measuring or storing grit and findings.

Use old T-shirts for drying stones or for hand polishing.

Metal cans are good for storing rough or tumbled stones.

SUMMER ISN'T OVER YET. . .

When Rockhounding you need to watch out for snakes. They are still out and dangerous as ever...

Though seemingly rare, poisonous snakes annually bite 6,500 to 7,000 Americans. Always take the following precautions:

1. Always assume snakes are active. Do not relax your vigil on sunny Fall and Winter days.
2. Do not make "solo" trips across snake country which is remote from habitations and frequently used roads.
3. When traversing brush or grassy terrain, use a "decoy" such as a level rod or a lath, alongside your legs. Walk heavily to create vibrations that can be felt by snakes (a snake does not hear).
4. Walk away from the shaded side of clumps and bushes when the weather is hot and sunny.
5. Step on logs and large rocks, instead of stepping over them and into unseen areas. The safest policy is to walk around such obstacles.
6. Do not jump down from overhangs onto areas where snakes might be hidden from view.
7. Avoid steep climbs if possible where a snake, uphill from you, could strike the upper portions of your body. Bites on the torso, the neck, and the head are much more damaging and more difficult to treat than those on the limbs.
8. Never climb vertical or near vertical faces where handholds on unseen areas above your head are required.
9. Do not attempt, under any circumstances, to capture snakes!!
10. Do not try to kill a snake unless it is a positive threat to safety.
11. Avoid likely snake areas such as small rodent trails, pack rats' nests or gopher tortoise dens.
12. When necessary to move low-lying logs, large rocks and boards, use a pry bar, not your hands.
13. Double your precautions at night, especially in warm weather.
14. Keep vehicles near your work area for rapid transport if snakebite should occur.
15. If at all possible, maintain radio contact with isolated people in your group.
16. Know the location of the nearest medical facility where anti-venom is available and the quickest route there.
17. Do not collect rattles. A fine and highly abrasive dust often accumulates inside the rattles and can cause lasting damage to the eyes.
18. Wear high leather boots or snake-leggings in high hazard areas.
19. Remember that rattlesnakes do not always signal their presence by rattling.



ROCKHOUNDS ARE FUNNY

The price of a steak may dismay them, and they may often pass it by, then turn around and spend more per pound on a rock! A Rockhound can't eat the rock, but will proudly display it, dust it, brag about it and then saw it up and polish it to perfection.

Rockhounds have been known to move dirty dishes out of the sink so they can wash their rocks. They seem to find rockhounding therapeutic. If they feel droopy or are moping around their house, if you ask them, they'll go rock picking with you because no matter what is ailing them, all the ailments are miraculously gone and they feel much better when they're out amongst the rocks!

Rockhounds will walk for miles in search of a good specimen, climb mountains and go down into gullies. They get hot, tired and bug-bitten but still continue on for that one special rock. Sometimes they will find their best specimen right next to the tire of their car at the end of the day.

Rockhounds are geologist, mineralogist and paleontologist wannabe's. They are interested in everything and are interesting themselves. They are curious, humorous, talented, skillful and all around wonderful people, who wear old shoes, fantastic hats, worn out jeans, and a big smile!

THE DEMING GEM & MINERAL SOCIETY, INC.

P.O. BOX 1459, DEMING, N.M. 88031

FOUNDED - JANUARY 1965

DUES ARE DUE & PAYABLE ON DECEMBER 1st EACH YEAR

Membership Dues: \$12.00 per person for Adult Members

Junior Memberships: \$2.00 per person (up to 18 years of age)

OFFICERS

President.....	Marilyn Page	544-9019
Vice President.....	Shirley Krasinski	544-1315
Secretary	Jerry Abbey	543-8915
Treasurer.....	Georgia Hoggatt	309-678-7342
Bulletin Editor.....	Carolyn Abbey	543-8916
Roundup Chair ('14)...
Asst. Rnd.Up Chair
1 Yr. Director	Frank Barber	546-0212
2 Yr. Director	George Laudermilk	520-403-1878
Past President.....	Frank Barber	546-0212
Pro Tem	Art Krasinski.....	575-494-5971

CHAIRPERSONS

Field Trip Chairs	Frank Barber	546-0212
	Joe Bost	546-9003
Shop	Joe Morone	937-206-2111
Claims.....	Paul Browning.....	575-644-6540
Librarian.....	Sandy Barber.....	546-0212
Membership.....	Judy Crawford	546-0056
Parliamentarian
Photographer.....	All Club Members	
Sunshine.....	Barbara Hamilton.....	544-8643
Historian	Frank & Sandy Barber	546-0212
Social Chairperson
Refreshments	All Club members	
Reporters.....	All Club Members	
Custodian	All Club Members	
Webmistress	Pamm Reynolds	715-808-2780

ROUNDUP MEETINGS

As Needed

BOARD MEETINGS

2:00 p.m.

1st Wednesday each month

CLOSED this July

MEMBERSHIP MEETINGS

2:00 p.m.

4th Thursday of each month

All meetings are held at the Deming Gem & Mineral Society, Inc. building

4200 Raymond Reed Blvd., Deming, NM -- Clubhouse phone: (575) 546-2554

Visitors are invited and welcome at membership meetings.

THE OFFICIAL SHOW OF THE SOCIETY

Held every year on the second weekend (Thursday through Sunday) in March at the SW New Mexico State Fairgrounds in Deming.

The Society presents the Annual Gem & Mineral exhibition at the SWNM Fair toward the end of September.

It is an official society function.

“ROCK CHIPS” is the official bulletin of the Society

Email: the DGMS@gmail.com

OFFICIAL WEB SITE www.dgms.bravehost.com

**ROCKHOUND
ROUNDUP**

March 6 – 9, 2014



THE DEMING GEM and MINERAL SOCIETY, INC. *an incorporated, non-profit organization shall be dedicated to the knowledge, advancement and enjoyment of the earth sciences and associated subjects. The Society's primary purpose is the dissemination and furtherance of knowledge of mineralogy, gem cutting and geology, and to stimulate interest in the development of these studies. It is composed of individuals who have chosen gems and the aforementioned studies as a major interest in their lives.*

Sunstone, a Precious Feldspar

By Zeb William Rike III

When I read about the theft of one dealer's entire stock of a unique variety of sunstone (1,6,7), my curiosity was triggered as to what sunstone is and how it is formed. I found it is a member of the feldspar family. However, it is much more involved than that.

FELDSPAR

'Feldspar' is the most common mineral, worldwide, followed by quartz. 'Feldspar' is the most common minerals in most igneous rocks, being the white, pink, gray (and many other color) mineral, usually opaque or translucent. Feldspars are all solid-solutions of several pure minerals, varying in composition over a wide range, or mixed microscopically small alternating volumes of different feldspars. They all have hardness in range of 6.5-7. Quartz is the glassy mineral in lighter colored igneous rocks, generally the last to form in to crystallize. Transparent feldspars are quite uncommon.

FELDSPARS ARE SILICATES

Quartz is a network silicate (formula SiO_2) with all four oxygen atoms of a silicate tetrahedra $[(\text{SiO}_4)^{-4}]$ shared with adjacent silicate tetrahedra in a three dimensional network, all charges satisfied by sharing. **Feldspars as a family are network silicates with some of the silicate tetrahedra replaced by aluminate tetrahedra $[(\text{AlO}_4)^{-1}]$ and the negative charge balanced by positive charges from metal ions to give aluminosilicates.** There are several families of silicate minerals, all with different arrangements and bonding of silicate tetrahedra. These families of minerals must be subject of another article or articles. The Zeolites are a whole class of extremely complex aluminosilicates which would require *Books* to adequately describe.

SODIUM-CALCIUM FELDSPAR

The mineral formed by crystallization from magma depends on the ions present and their relative concentrations as well as crystallization conditions. Generally, a metal ion can substitute for another in a crystal lattice if their ionic radii are within fifteen percent of each other. Sodium and calcium ions are within the 15%, so a series of mixed feldspars called **Plagioclase** occur with any composition between pure sodium feldspar (**Albite**, $\text{NaAlSi}_3\text{O}_8$, shorthand 'Ab') and calcium feldspar (**Anorthite**, $\text{Ca}_2\text{Si}_2\text{O}_8$, shorthand Al). Various feldspars between **Albite** to **Anorthite** include **Oligoclase**, **Andesine**, **Labradorite**, and **Bytownite**.

POTASSIUM FELDSPAR

Orthoclase is the pure potassium feldspar with a typical formula of KAlSi_3O_8 . The higher temperature polymorph is **Sanidine**, while the lower temperature polymorph is **Microcline**. Another form formed in hydrothermal deposits is **Adularia**. The largest known Orthoclase crystals are about 10X10X0.4 meters and weigh ca. 100 tons, while the largest documented Microcline crystal was 50X36X14 meters.

A MIXTURE OF POTASSIUM AND SODIUM FELDSPAR-SUNSTONE

Since the potassium ion is much larger than sodium ions (Na^+), a mixed sodium/potassium feldspar does not form. From magma containing proper combination of ions to seemingly give $(\text{K},\text{Na})\text{AlSi}_3\text{O}_8$, a solid forms which is alternating microscopically thin

lamella of the two minerals, KAlSi_3O_8 and $\text{NaAlSi}_3\text{O}_8$ called **SUNSTONE**. It has hardness of 6-7.2 and a vitreous luster. It comes in clear, yellow, red, green, blue and 'copper shiller'. The **OREGON SUNSTONE** is unique in having micro-flakes of metallic copper, in hexagonal, rhombic or irregular shape. The central part of the crystal is darker in color depending on concentration of copper, and as the crystal is turned there are reflections of light from the copper flakes, giving an effect known as 'schiller'. Oregon Sunstone is the Oregon State Gemstone.

Source: *Pineywoods Rooter*—April 2012

An Ideal Club Member's Alphabet

By: Myrtle Griffith

Always: attend meetings

Bring: someone with You

Communicate: with others

Develop: mutual understanding and respect

Enjoy: the hobby and have fun

Friendship, cherish and nurture the valuable commodity

Generosity, Goals, Gentleness: use when needed

Honesty: use it regularly

Ideas: share with other members

Jealousy: avoid like the plague

Knowledge: help promote it

Labor: donate when and where needed

Mistakes: correct your and overlook others

Nonsense: use frequently - breaks monotony

Order: help maintain at all meetings

Patience: develop as much as possible, Rockhounds need a large amount

Quarrels: never indulge. They serve no good purpose

Rocks, study, hunt, collect, work polish, or build with them

Share: your talent, energy, knowledge with others

Talent: use and improve as much as possible

United: help the club stay that way

Value: friends, members, yourself, and the organization

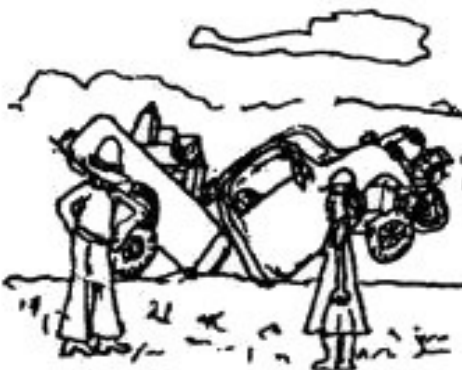
Work an important ingredient, be willing to help carry the load

X-rate: all gossip, malice, petty peevs, and negative attitudes

Yesterday: leave it where it belongs - in the past

Zeal: be generous with it, encourage others to do likewise.

Source: *Leaverite News*—4/2012



“Just one more piece”, you said. Well, I knew this was gonna happen sooner or later!

Source: *WGM&MC July 2013 Rock Talk*

SCHEDULE OF EVENTS

AUGUST

Thursday, August 22nd General Meeting 2 p.m.

SEPTEMBER

Monday, September 2nd Labor Day Observed

Wednesday, September 4th Board Meeting 2 p.m.

Thursday, September 26th General Meeting 2 p.m.

All meetings are held at the Clubhouse (4200 Raymond Reed Blvd.)
unless otherwise noted.



*Liking what you do is Happiness. . .
Doing what you love is Freedom.
Think about what our Freedom costs.*



Deming Gem & Mineral Society
Carolyn Abbey, Editor
P.O. Box 1459