## The Deming Gem & Mineral Society, Inc. RADCCI

VOLUME 44 NUMBER 8

#### AUGUST 2011



# President's Message

.I would like to thank Maurice Crawford for taking the Roundup Chairmanship. Also Ron Ehrlich and Susan Schiffner for taking the Assistant's position.

As the State Fair runs from September 21 thru 25th our general meeting will be on Thursday, September 15th. Be sure to mark your calendar with the change.

During the general meeting, the membership will choose a person to be on the Nominating Committee for 2012 officers. This person will be the chair of the committee.

Speaking of the Fair, as the club voted on, we will be in charge of the gates. Brian Beringer is coordinating the work shifts for this. We will need lots of volunteers.

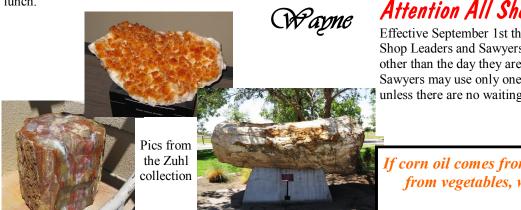
rank

# Field Trips

Our July 21st Field Trip was to NMSU for a tour of the Zuhl collection's. Our tour was led by Sam ( Carpenter, graduate student of the Geology Dept, of NMSU. Eleven DGMS members participated in the trip. Sam guided the group through the collection's many fine specimens of petrified wood, fossils from around the world, exquisite gem and mineral specimens, and a fine looking meteorite.



On Wednesday, August 17th Joe Bost, will be leading a trip to the Old Butterfield Trail west of Massacre Peak. We will look for banded sandstone, jasper, chalcedony, and more. Meet at 8:00 a.m. at the Clubhouse and leave promptly at 8:15 a.m. High clearance, four-wheel drive vehicles are recommended since the drive to the site is rough. If you have an extra seat available for carpooling, let the trip leader know before leaving the Clubhouse. A hat, sunscreen, sunglasses, food, and plenty of water are strongly recommended. If you wish to stay past noon, bring a lunch.



### OK members... We need your help!

Saturday, August 20th, we will be setting up partitions for the State Fair in Building one at the Fair Grounds. It does involve some rather heavy lifting, so strong backs are required. (weak minds optional) It takes about 3 hours to complete this task. It also saves the club \$400 in rent and utilities for the Rockhound Roundup. We will meet at the club house at 8 a.m. on August 20th. The coffee will be on at 7:30 a.m. Please call me at 575-543-8915 if you can help with this task.

State Fair: September 21-25th. We will need all the help we can get to work the gates during the Fair. That is Wed., Thurs., Fri., Sat., & Sun. Have many shifts to fill. This project saves the club an additional \$2,100 in rent for the Roundup! Contact Brian Beringer @ 575-546-0653 to sign up for this.

These projects help keep the dues reasonable, the shop open and maintenance & repairs at the club house done in a timely manner. This is a good deal for us as it keeps Roundup costs down.

In addition, don't forget, we also have our own Club booth with entries and displays at the Fair in Bldg. 1. We will also need people to work there and someone to coordinate the effort.

Thanking you in advance for your help, *Serry Abbey* 

# Shop Notes

Most of the equipment is running fine. We have two saws down for some repairs - the Highland Park and one of the Lortone saws. Looking for-



ward to September when hopefully we will have some returning members. Reminder, shop will be closed on Monday, September 5 for the holiday.

Maurice

# Attention All Shop Leaders & Sawyers

Effective September 1st the following will be effective: Shop Leaders and Sawyers may have ONE free day in the shop other than the day they are leaders or sawyers.

Sawyers may use only one saw to cut no more than two rocks, unless there are no waiting customers.

The Shop Manager

If corn oil comes from corn and vegetable oil comes from vegetables, what is baby oil made from? Source: KCMS Pseudomorph – 11/2009

### 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: \$10.00 per person for Adult Members Junior Memberships: \$2.00 per person (up to 18 years of age)

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

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

BOARD MEETINGS 2:00 p.m. 1st Wednesday each month MEMBERSHIP MEETINGS 2:00 p.m. 4th Thursday of each month

ROUNDUP MEETINGS As Needed

Visitors are invited and welcome at membership meetings.

# OFFICERS

	Frank Barber 546-0212
Vice President	Sheila Hoag 544-8841
Secretary	Judy Crawford 546-0056
Treasurer	Susan Schiffner 546-4591
Bulletin Editor	Carolyn Abbey 543-8916
Roundup Chair ('12)	Maurice Crawford 546-0056
Asst. Roundup Chairs	Ron Ehrlich & Susan Schiffner
1	
Field Trips	Wayne Treers 575-528-8696
Historian	Wayne Treers 575-528-8696
Historian 1 Yr. Director	Wayne Treers 575-528-8696 NEED NEW HISTORIAN
Historian 1 Yr. Director 2 Yr. Director	Wayne Treers 575-528-8696 <i>NEED NEW HISTORIAN</i> Joe Bost 546-9003

#### **CHAIRPERSONS**

Claims	Jim Hoag	544-8841
Custodian	Members sign up for one i	nonth
Librarian	Sandy Barber	
Membership	Elena Bost	546-9003
Parliamentarian		
Photographer	All Club Members	
Social Chairperson.	Monika Anderson	544-4655
Refreshments	All Club members	
Reporters	All Club Members	
Shop	Maurice Crawford	546-0056
Sunshine	Barbara Hamilton	544-8643
Webmistress	Sheila Hoag	. 544-8841



### ... OFFICIAL SHOW OF THE SOCIETY

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

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

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.

## Happy August Birthdays to:

Elaine Angstman, Brian Beringer, Gilbert Clark, Charles Collier, Corinne Cullins, Matthew Ddurning, Nancy Ewert, Rod Flemmons, Art Gutierrez, Jessie Keith, Robert Merrill, Joe Morone, Felipe Salazar, Frank Smith, Bill Wertz, Joyce Wertz, and Michael White

## **Happy Anniversaries to**

Dennis Garrett & Jan Ritsuiso, Al & Joan Hemke, Phil & Melanie Holllenshead, Keith & Zillah Karstetter, Maureen & Tony Scepka, Steve & Nancy Vanbeusekom, Barry & Laura Watkins, and Bill & Jane Wellons

# Welcome to

Don Bennett and Maggie Karam Our newest club Members



# Refreshments

for August's meeting will be provided by Elena Bost

We love the goodies. . . . Our tummies thank you!

# Rockhound Poem

By Adin Van Wine Climbing over rocks and crags, Putting rocks in pockets and bags, Walking in mud till each foot weighs a ton, Getting wet and calling it fun. Hiking miles through brush and vines, To hunt the dumps of abandoned mines, Looking in holes and gravel pits, Cracking big rocks into little bits, Doing all this may take some guts. But these are the reasons they call us nuts. Source: Glacial Drifter – July 2011

Running a rock club is like polishing a gemstone – The more planning and work by involved people, the more brilliant the finished product. Source: Gulfpot Gems – July 2011

#### Finding Rock Hunting Maps on the Internet By Glen Miller

Here are some tips for locating free online maps (primarily USA). The good news is that there is a federal program that publishes digital products online that will provide complete national coverage. The bad news is that it is a federal program, subject to manpower and funding constraints, but it is a very good start. The Internet is a source for many maps of other countries. I have viewed geological maps of Oman and even the Moon and Mars online.

Geological and Geophysical Maps – Finding the map you need: Traditionally, one went to a state bookstore to purchase a paper map, hoping it was still in print. The trend today is to publish them online with free access. Tennessee will no longer be printing maps in advance. Maps that aren't online can be purchased for \$20 a map, printed straight from a digital file.

About.com - the quick and easy solution for links to state geological maps. About.com pre-searches and assembles all types and classes of information. If you go to their Geology or Maps sections and poke around, there are pages for state geological maps and state geological organizations. There is also geology.com with similar sources. They also list state authorities and links to their websites.

Once in those websites, you may frequently find a free downloadable map for the local area you are looking for. The USGS has taken great steps to centralize the search for geological maps.

Source: The Glacial Drifter - 4/2010

**For Sale:** Covington Engineering Model 446DDP combination unit with 10" trim saw with self-power feed and stand. Unit has 2 silicon carbine grinding wheels (100 and 220 grit third wheel is a vise lock drum with a 600 grit tape. I also also have a 400 grit tape and extra 600 grit tape for this wheel. The next wheel I have added is an expanding wheel with a 1200 grit tape. (This wheel did not come with the original unit). Next is a muslin buffing wheel and finally an 8" aluminum plate to mount a leather polishing pad. For extra information see the Covington Catalog or call Maurice Crawford at (575)546-0056. Price \$1250.



#### DGMS, Inc. – General Meeting – July 28, 2011

The meeting was called to order at 2:07 p.m. by Jerry Abbey, who was standing in for Frank Barber. Jerry led the Pledge of Allegiance. Frank arrived at 2:15 p.m. and took over the meeting.

New guests: Don Bennet, and Maggie Karam, who also joined the club today. Welcome!

**Secretary's report**: Judy reported that she has had the Life Time Member plaque updated with Carol Seebruch's name. Also, the Memoriam plaque has been updated with the name of Mary Frances Watkins who recently passed away. There is a list of shop equipment for sale and if anyone interested, please contact Maurice Crawford. Motion to accept the minutes as printed in the Chips was made by Joe Bost, seconded by Ron Ehrlich, approved.

<u>**Treasurer's report</u>**: Susan not here. Her report will be posted on the bulletin board for review.</u>

#### Committee reports:

**Membership**: Elena Bost advised that our two guests are now also members, so be sure to introduce yourselves.

Sunshine: Not present.

Webmistress: Not present.

**Librarian:** Sandy advised the library is open during the meetings. We have 3 new books donated to the club by Judy and Ed Murphy on silversmithing. Thank you so much for that gift to the club. A letter of thanks will be going out soon.

**Shop**: Maurice advised that all the saws are now repaired and up and running. However, a Lortone saw will be put out of service for minor repairs next week.

**Roundup:** Jerry advised that if we do not have a chairperson for Roundup by August 3, the Roundup show will be cancelled. The money from the show is what keeps the club going. After that was said, Maurice volunteered to be Roundup chair for the next 2 years, with the caveat that he gets at least one assistant who is willing to run the show after the 2 years is up. Ron Ehrlich volunteered to be the Assistant Chair. So everyone plan on helping out as you have done so well in the past. Thank you Maurice! Thank You Ron!

Jerry also advised that we will need volunteers soon to sign up for working the entrance booths at the County Fair the end of September (dates: Sept. 21-25). We will have sign-up sheets at our August general meeting so plan on signing up, or you can contact Brian Beringer at 575-546-0653 to participate. About the 20<sup>th</sup> of August, we will need volunteers to move partitions at the fairgrounds. Please keep it in mind.

**Field trips:** Jerry and Wayne advised that the field trip to the Zuhl collection at SWNMU on July 21 was very well received. Anyone can go if you missed it, as it is free and

open most daytime hours. Wayne advised that the August field trip will be led by Joe Bost to just north of Massacre Peak for banded sandstone, jasper, chalcedony on August 17, 2011. Meet at the club by 8:00 a.m., leave by 8:15 a.m. Bring lots of water, hats, sunscreen, snacks. You will need a high-clearance vehicle or 4x4 so if you can carpool, please plan to taking someone. There is information on upcoming field trips, questionnaire on field trips, and checklist for field trips on the front counter. Wayne advised he and Frank met with Rockhound State Park manager, Robert Apodoca. Robert will be at our September board meeting to discuss their plans to allow DGMS to have family field trips to the Park during the Roundup. Fees and logistics will be discussed, as well as their implementation of the 5-year management plan just enacted. September field trip will be led by Jim Foutch to Big Diggins claim, and in October we will have a joint field trip with the Silver City Rolling Stones club. More details later. Paul Browning will lead a trip to Radium Springs in November, and in December, possibly to Baker Mine.

#### Break.

Doorprize of a painted agate slice was won by Deb Rorick. The 50/50 was won by Joe Bost. The name tag prize of a 10 power loop was won by Frank Pullium.

Thank you to Judy Crawford for refreshments today. Please sign up for August or later refreshments. We all love the goodies!

Nothing further for the good of the club. Motion to adjourn made by Carolyn Abbey, seconded by Ron Ehrlich. Meeting was adjourned at 3:00 p.m.

Respectfully submitted, Judy Crawford, Secretary

#### Why is it that people say they "slept like a baby" when babies wake up every two hours.

Source: KCMS Pseudomorph – 11/2009

### TO BUY OR SELL ...

If you have an item to sell or are looking for one to buy, write to the Chips Editor at P.O. Box 1459, Deming, NM 88031

or send it via email to:

deminggrama@yahoo.com. Be sure to include the words Rockhound Classified in the "subject" line of the email.



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### SHOP STUFF

EDITOR'S NOTE: The source of these tips and hints are club bulletins and other sources. Be careful when trying out any new idea. They have not all been tried by this editor.

#### Cleaning with Acid – Handle with Care!

Cleaning Your Specimens: Wash to carefully remove dirt. If soaking in acids or other solutions, try an inferior specimen first. When working with acids, remember the three A's – Always add the Acid to the water. Keep your solution fairly clean for best results. Oxalic acid is useful for rust stains; muriatic acid, (dilute hydrochloric acid), for removing hematite stains; and hydrochloric acid is the best for removing black manganese stains. When using any of these solutions, wear protective clothing, goggles and rubber gloves. Household bleach works well for removing many stains but never mix bleach and acid. <u>The results could be</u> tragic. Always best to test on an unwanted sample.

• **Barite:** 30% hydrochloric acid solution.

- Beryl: Any acid solution may be used.
- Petrified Wood: Household bleach or oxalic acid.
- Bornite: Overnight in oxalic acid.
- Carbonated Minerals: If your specimen will not come clean in bleach, use a weak solution of oxalic acid.
- Chalcopyrite: Soak over night in a solution of oxalic acid, 2 oz. to a qt of water, or under close watch in hydrochloric acid.
- Copper: Nitric or hydrochloric acid.
- Epidote: Quick dip in nitric or sulphuric acid.
- Fluorite: Hydrochloric or muriatic acid, 1 part acid to 10 parts water.
- Galena: Soak overnight in oxalic acid. Wash well.
- Gold: Ammonium bifluoride.
- Graphite: Try any acid.
- Hornblende: (microline, scapolite, tourmaline): Any acid except hydrofluoric,
- Iron (labradorite): Concentrated sulphuric acid.
- Marcasite: Overnight in oxalic acid solution or a quick dip in hydrochloric acid, or it may be washed in ammonia water.
- Minerals: Hydrofluoric or sulphuric acid solution.
- Orthoclase: Most acids except aqua regia.
- **Pyrite:** Overnight in oxalic acid solution or a quick dip in hydrochloric acid. Rinse in ammonia water.
- Silver: 1 oz. baking soda, 1 oz. salt dissolved in 2 quarts warm water in an aluminum container.
- Sulphide minerals: Acetic acid solution. If this doesn't work, try hydrochloric acid. Source: Gems of the Rogue July 2011



# Change your address or email?

Please let us know!

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

#### Eleven Ways to Become a Fossil

**Freezing** - This rare creature has suffered a minimum of change. His arteries may still contain dried blood, his stomach undigested food. Most common is the lce Age mammoth of Siberia and Alaska.

**Drying or Desiccation** - If these organisms were thoroughly dried, they can be of high quality. Best known are the camels and sloth found in our Southwest caves.

**Wax and Asphalt** - Natural paraffin makes an excellent preservative, as proved by specimens found in Polish mines. The most famous asphalt fossils are still embedded in the La Brea Tar Pits in California.

**Simple Burial** - English bogs are famous for their buried forest. Sand dollars, sea urchins, and mollusks have been preserved by this method for up to 75 million years.

**Carbonization** - Incomplete decay of volatile substances leaves carbon behind, sometimes reducing organisms to paper thin layers of shiny black film that reveal much detail.

**Petrification** - Our common stony fossils got that way by premineralization, the replacement of the structure by dissolved minerals, or secondary replacement, such as when lime fossils are dissolved and replaced by silica.

**Molds and Casts** - Natural molds in sediment remain after organisms decay. Sandstone beds reveal molds of shells and trees, and the finest molds are Northern European amber, which has perfectly preserved the forms of insects.

**Imprints** - Sandstone, shale and tuff reveal external molds of very thin objects such as leaves. Best known of these are the Illinois Coal Age plant imprints.

**Tracks, Trails, Burrows** - Dinosaur prints are the most famous of these. But Nebraska's "Devil's Corkscrew" once housed a beaver who dug an eight foot spiral hole.

**Castings and Coprolites** - Ancient worms swallowed sand to help digest small organisms. They regurgitated these casings. Coprolite is a polite word for petrified "dung."

**Gastroliths** - Many ancient reptiles ground their food with these stones (as do our modern fowl). The stones are rounded, smooth, and even polished at times. Also known as Gizzard Stones ." *Source: Gems of the Rogue – July 2011* 

### FOR SALE

#### *Complete Set of 10 Wire Wrap Instructional Videos* By Universal Wirecraft Company - \$150

Covers tools, wire, stones, rings, how to make prongs, wrapping shanks, and bracelets (simple to fancy), making name pendants and pendants of twisted wire.

*Complete Set of 9 Videos* By Preston Reuther – \$150 He uses freer style on a lot of his pendants, rings, and bracelets. These are a must see to learn how to create your own Flow.

Call Josephine Wooden 575-495-9335.

The meeting was called to order at 2:00 p.m. by President, Frank Barber, who led the Pledge of Allegiance.

Board members present: Frank Barber, Susan Schiffner, Carolyn Abbey, Ron Ehrlich, Sheila Hoag, Judy Crawford. Non-board members present: Wayne Treers, Josephine Wooden, Grace & Ernie Bent, Jerry Abbey, Maurice Crawford.

<u>Secretary's report</u>: Judy mentioned that for the upcoming workers at the State Fair the end of September, we are going to try to have volunteers coordinate their time of serving at the gates, and then either before or after that duty, manning our club booth in building one. It would make good use of people's time and give them a chance to cool down and sit down. Susan and Judy will coordinate the display cabinets at the fair and if you wish to have a case to display your rock related items, please call either Susan or Judy. There is one open case and two for judging left. Be sure to bring items you've made for judging.

<u>**Treasurer's report</u>**: Susan gave her reports for the shop and club finances and they will be posted on the bulletin board.</u>

Motion to accept the secretary's and treasurer's reports made by Carolyn, Frank seconded, approved.

<u>Committee reports:</u> Not present: Membership, Claims, Sunshine. We now have a Roundup Chair – Maurice Crawford, with assistants being Ron Ehrlich and Susan Schiffner.

**Bulletin:** Carolyn advised that if you want anything in the Chips, please get it to her by Friday, August 6. Carolyn advised that she is ordering membership cards and club business cards as they are getting low. Board gave permission for her to do so.

**Shop report**: Maurice reports that two saws are down for repairs – the Highland Park and one of the Lortones. He is working on those this week, but may need some parts. Everything else working fine.

**Field trip:** Wayne advised that we had 11 people for the trip in July to the Zuhl collection at NMSU in Las Cruces. They have a beautiful collection and it is free, so if you missed it, try to get there on your own. Our next field trip is August 17, to nearby Massacre Peak for banded sandstone, jasper, etc. There are petroglyphs nearby and some ancient Indian ruins. You will need a high clearance vehicle, so plan to share a ride with someone who has one.

Rockhound Park manager, Robert Apodaca, will come to our September board and general meeting to discuss the park's ideas for a field trip for our Roundup show.

#### Old Business:

1) Jerry advised that he needs volunteers for August 20 to help move partitions at the fairgrounds. Meet at club at 8:00 a.m. if you can help.

2) For the fair, the club will set up our display cases for the club on Mon., Sept. 19th. Wed. Sept. 20th is for everyone to bring in and set up their cases, and bring some of their items for judging. Thursday, Sept. 21st is judging and the start of our fair duties manning the gates. Please plan to help where you can.

#### New Business:

1) Jerry talked about the display cases at the clubhouse which we want to refurbish as we still get beautiful specimen rocks to display. He has done a rough estimate of materials, and figures it should cost approximately \$300-\$450 to complete. After discussion, Sheila made motion to approve expenditure up to \$500, Susan seconded, approved. Jerry will get more definite costs of material and we will proceed as we can.

2) Maurice advised that he has purchased two sanders on stands that he feels would be of use to the shop. He passed around photos and after discussion, Ron Ehrlich made motion to puchase both sanders at a later time when the shop income picks up. Susan seconded, approved.

3) Maurice advised that he would like to propose a change in the shop. Shop leaders and sawyers will get one day free use for each day of volunteering, beginning September 1, 2011. Susan made motion to make this change, Frank seconded, approved.

4) There was discussion and clarification of when the price changes for a new member to half price. That would be starting July 1. If they pay Nov. 1st or after, that would also include the following year in those membership dues. New members must be a member by January 1 and work that year's Roundup show in order to attend the Club's Big Diggins dig after Roundup. All members who work Roundup, volunteer at the Fair and any other help throughout the year to assist the club, will be invited to the Christmas appreciation dinner in December.

5) A nominating committee will be put in place at our general meeting in August. We need one person from the general membership, the President appoints a person, and the Board appoints a person.

6) Because, dates of the fair this year will conflict with our general meeting, it was decided that the <u>general meeting for</u> <u>Sept. will be held on the third Thursday, September 15, at</u> 2:00 p.m. Be sure to mark your calendars for this change.

7) Josephine Wooden brought two sets of wirewrapping videos which she is offering for sale. They are wonderful instructions by master artist, Preston Ruther, for making rings, bracelets, pendants, cameos, etc. Each set is \$150.00. If you are interested, please call her at (575) 495-9335.

Susan made motion to adjourn, Sheila seconded. Meeting was adjourned at 3:15 p.m.

Respectfully submitted, Judy Crawford, Secretary

# Library

I would like to thank Judy and Ed Murphy for donating three binders they have put together on silver Smithing and Lapidary I, Silver Work Examples II, and Silver work Examples "Follow the Rules" III. Thanks again.

Also, there's a few copies made of a book list from the Library. They are on the white shelf by the front door.

Sandy



### **AUGUST & SEPTEMBER SCHEDULE OF EVENTS**

Saturday, August 20th Set up partitions at fair grounds	8 a.m.
Thursday, Auguste 25th General Meeting	2 p.m.
Wednesday, September 7th Board Meeting	2 p.m.
Thursday, September 15th General Meeting	2 p.m.
September 21 – 25thSWNM Fair - Members to help with gates & DGMS	booth

the Clubhouse (4200 Raymond Reed Blvd.) unless otherwise noted. Visitors and guests are welcome at membership meetings.

# Rockhound State Park Happenings - August 2011

Submitted by Rocky Rockhound

It rained at the park the other day time since the "Monsoon" began. When it rained in Deming last month, it missed us. We are thankful and hopeful that we will get more rain.

The fire restrictions have been lifted by the state. You can now come to the park and have a barbeque. As always, please be careful of fire.

Music in the park will be held on August 20<sup>th</sup>. July McClure & "Raised by Wolves" will be singing country-western music. The concert is from 6-8 PM on August 20<sup>th</sup>, and will be held at the campground group shelter. It is one of the many programs provided by the Friends of Rockhound.

Robert Apodaca, the manager of Rockhound, will be attending the DGMS September board meeting and general meeting to discuss a new program for the Rockhound Roundup. We would like to partner with the Gem & Mineral Society to have field trips to the park for rock collecting during the roundup.

Rockhound State Park is open 364 days a year. The visitor center is open from 10 AM. to noon, and from 1 to 4 PM. Our telephone number is 575-546-6182.