

Pleasant Oaks Gem & Mineral Club of Dallas, TX

Chips and Chatter

September 2, 2010
Vol. 44, Issue 9

Feature Article

Article of the Month.....A Lot of Rock4

Monthly Columns

1st VP Programs2
 Area Clubs7
 Birthstone3
 Editor's Corner.....2
 Presidents Message6
 Refreshment Volunteers.....3
 Secretary Minutes2
 Show Dates7
 Tasty Corner.....5
 Show of Interest 5 continued on 6

Meeting, etc.

September issue 2010 by Anita Dresner. Unless otherwise noted, permission granted for non-commercial reproduction of articles provided they remain essentially intact and credit is given to the author and original source. Where noted, the author retains the copyright and must be contacted for permission to reproduce the article. All articles may also be used as reference provided citation is given.

Check our website www.pogmc.org
for past months issue of the
Chips and Chatter

Purpose

The Pleasant Oaks Gem and Mineral Club of Dallas is organized for charitable and educational purposes to promote interest in the various earth sciences, in particular those hobbies dealing with the art of cutting and polishing gemstones, the science of gems, minerals and metal crafts, as well as their related fields.

Monthly Meeting

POGM meet the First Thursday each month at 7:30 pm at the Garland Women's Activities Building, 713 Austin, Garland, TX, (Northeast corner of Austin & Glenbrook).

Presentation

The September program will be the Afghanistan Gem Hunter.

Club Officers for 2010

President: Del Grady
 1st VP: Mark Carter, (972) 680-9223
 Secretary: Lee Elms
 Treasurer Don Shurtz, (972) 509-2821
 Editor: Anita Dresner (972) 475-5828 X 1
 E-mail: anitadresner@rocketmail.com

Chips and Chatter Deadline:
The 3rd Thursday of each month

June 2010 Minutes from the Secretary

POGM Secretary: Lee Elms

The meeting was called to order at 7:35pm by our president Del Grady with the Pledge to our flag led by Bob.

Secretary Report: The minutes of the June and July meeting in the *Chips and Chatter* were approved.

Treasurer Report: Report from Don Shurtz was approved.

Sunshine Report: Warner's wife Cindy is doing well. Warner will be having surgery soon.

Old Business: Discussed how nice the July dinner was at the Spring Creek Bar-B-Q; more discussion about buying a digital projector for the club. Don looked at three: Movie Mate with a built-in DVD, and Epsom Movie Mate, and Epsom EK-51. Mark moved that we need to discuss it in the business meeting. Ling will try to sell the clubs' TV at a garage sale.

New Business:

- 1.) We have upcoming officer elections, need to appoint a nominating committee. Ling Shurtz, Mark Carter and Warner volunteered for the committee.
- 2.) **The Gem Show is coming up** and the DeRidder Show in December. The dates are December 11th and 12th, and they are having an awards banquet where Diane Brownlee will be formally recognized for her work with the South Central Region and her work at the Brookhaven College.

Break & Raffle ticket: A thank you to Carol from the members is in order, for bringing the Chinese ice cream which was really, really good. We had a lot of goodies to munch on.

Program: Mark Carter conducted the program for the evening, a DVD on the "Sweet Home Mine" of Colorado that is known for its beautiful pinkish red Rhodochrosite. The DVD was wonderful and very informative. It was amazing to see a vein of Rhodochrosite in its' natural surroundings before it was chipped out of the vein. One of the crystals almost filled the palm of a man's hand. They were exquisite. The mine is closed as of now and I guess there are no plans on it being reopened. We did not watch the whole DVD as it was getting pretty late. So, we had our raffle and then our meeting adjourned.

Editor's Pen

C&C Editor, Anita Dresner

I want to encourage you for input into the *Chips and Chatter*. After all, it is your newsletter. You may submit questions you would like answered about any rock, gem, or mineral or fossil, we may even have someone that can get the answer for you. If you have a question, I am almost sure another member has the same question. Or, why not tell us about your summer trip/s, local or at a distance. Sharing is what it is all about rock hounds. You may also contribute with your article/s by sending them through email me at: anitadresner@rocketmail.com or snail mail to: 3809 Skyline Drive, Rowlett, TX 75088

1st Vice President's Messages

POGM 1st VP- Programs: Mark Carter

Program

The September program will be the "Afghanistan Gem Hunter". Outside of being a fantastic tape the club's new equipment will be tested to show off its bells and whistles. If you thought "Sweet Home Mine" of Colorado, with its beautiful red Rhodochrosite was a treat, you will not want to miss this month's program.

Refreshments

Editor comment; if you have not signed up for refreshments please do so. If you have signed up thank you!

Refreshment Volunteers

Sept - Snacks?????



Sept - Ice and Drinks?????



If anyone has the sign-up sheet and could please email or snail mail the list to me it would be of great help. My address is 3809 Skyline Dr, Rowlett TX, 75088; Thank You, Anita Dresner

Birthstone of the Month

C&C Editor, Anita Dresner

Chrysolite an alternate birthstone of September is what I want to share with you this year, 2010. "Golden Stone" is Greek for Chrysolite; a golden yellow type of Peridot or may even be referred to as precious olivine. It is just one of the alternate September birthstones, and is the 16th wedding anniversary stone. It can be found as a yellow-green gemstone akin to a golden yellow Peridot; or even sparkling pale green of color, or found in hues of lime, yellowish, olive, or medium dark green. The "Golden Stone" may have conchoidal fractures and a vitreous luster, as gem-quality olivine is composed of a lot of the earth's antle. Chrysolite needs to be protected from marring, sharp blows, drastic temperature changes. Ask a gemologist how to properly clean it but never clean it in a home ultrasonic cleaner.

Peridot



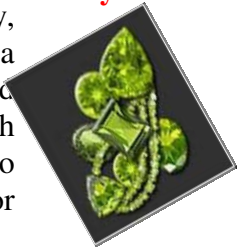
Chrysolite



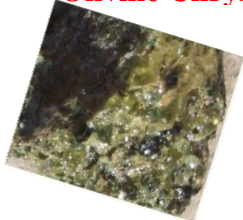
Chrysolite; [Mg,Fe] 2SiO₄ Magnesium iron silicate, with a hardness of 6.5–7, may be referred to as a Peridot or maybe precious olivine; transparent green olivine of gem-quality, is found in igneous and metamorphic rocks and used as a gemstone. Chrysolite may be found in Australia, Brazil, China, Egypt, Pakistan, Norway, and in the United States - Colorado, Hawaii, New Mexico, and Arizona. A good deal of it comes from Arizona today. In 1994, there was an exciting new deposit of Peridot discovered in Pakistan, which you will find are among the finest ever seen.

Chrysolite : was worn by ancient Romans as an amulet to protect the wearer from melancholy, set in gold it helped prevent nightmares. The Chrysolite would be enhanced by the hairs of a donkey passed through a hole that was made in it. People of ancient times valued this stone and in the Middle Ages, it was worn to gain insight and divine inspiration. Was worn for health improvement, to increases physical vitality, helps liver and adrenal function, is thought to protect lungs and sinuses from illness and wrists from injury. When worn around the wrist or neck when retiring for the night, it was believed to promote restful sleep.

Chrysolite



Olivine Chrysolite



As a side note of interest:

For anyone curious about **Chrysolite** being mentioned in the bible, may want to check out or not, here below, some 10 occurrences. It is interesting how many stones of today, are mentioned this far back in history. Song of Songs 5:14, Revelation 21:20, Exodus 28:17&20, Exodus 28:20, Exodus 39:10 &13, Ezekiel 1:16, Ezekiel 10:9, Ezekiel 28:13 & Daniel 10:6.

Ref: <http://www.all-that-gifts.com/se/peridot.html> "Peridot is a symbol of fame, dignity, and protection"

Ref: <http://www.answers.com/topic/chrysolite>

Ref: <http://bibletab.com/c/chrysolite.htm>

Chips and Chatter

Pleasant Oaks Gem and Mineral Club of Dallas, TX

Article of Interest - A Lot of Rock

Pleasant Oaks Gem and Mineral Club Member: Don Shurtz

What is a lot of rock? Last weekend, I visited a Rock and Gem Show in the small town of Tenino, Washington. One thing that I noticed right off is that most of the dealers were selling rough rock, be it obsidian, agate, jasper, etc. Most of those dealers had a small quantity of finished jewelry, but rough rock was predominant. I got to thinking about what was a lot of rock. A lot of the material was fist size pieces weighing in at about a pound or less. A few were selling pieces about the size of a loaf of bread weighing in at a few pounds. One dealer was selling what I would describe as small boulders. They probably weighed in at 40–60 pounds each. That seemed like a lot of rock.



As I am writing this article, I am working in Tacoma, WA. As we flew in to the SEATAC (Seattle-Tacoma) airport, we flew past Mt. Saint Helens. As we all know, a volcanic event blew out the side of Mt. Saint Helens in a 1980 eruption. A quick check of Wikipedia indicates that the debris avalanche blown out from the side of the volcano measured 0.7 cubic miles (2.9 km³). Now that really is a lot of rock.

From Tacoma, Mt. Rainier is a prominent feature in the skyline. Mt. Rainier is about 35 miles south west of Tacoma, but it seems to be a lot closer. Mt. Rainier is 14,700 ft tall and roughly conical in shape with a base of about 9 miles. That works out to about 60 cubic miles of rock, dirt, ice, and snow (about 250 km³). A lot more rock (about 85 times more) than the debris avalanche at Mt. Saint Helens.



About 640,000 years ago, the volcanic hot spot in (what is now) Yellowstone National Park had a massive eruption. The Yellowstone volcano is considered one of the few "super volcanoes". During the eruption 640,000 years ago, it spewed forth about 250 cubic miles of lava and ash (about 1,000 km³). When everything cooled down it created LOT of rock.

But, if that is not enough rock for you, let's consider the earth. If we assume the outer layer of rock and soil to be 20 miles thick (it is generally thicker, but we need to accommodate the waters in the ocean), then the earth has approximately 1,312,746,960 cubic miles of rock and soil. I think that will be enough to last most rockhounds for a few years.

As my articles are normally in the sense of a Question of the Month, let's ask if the earth or the moon would have more rock? Remember that the earth has a molten core, but we assume that the molten core of the moon probably solidified 3 or so billion years ago. The earth has a radius of 3959 miles, the moon only a radius of 1079 miles. If we assume the earth's crust to be 20 miles, the earth came out at 1,312,746,960 cubic miles of rock. The moon, assuming it does not have a molten core, would have 5,267,034,623 cubic miles of rock, or about 4 times as much rock as the earth!

Ref:

- Super Volcanoes, <http://dsc.discovery.com/convergence/supervolcano/under/under.html>
- Various articles from Wikipedia, http://en.wikipedia.org/wiki/Main_Page
- Pictures from Wikipedia

POGM Tasty Corner

C & C Editor



Grilled Chicken on a Stick

For an easy quick main course this can't be beat. It may be prepared ahead of time for the grill, using your favorite marinate or the one listed below. You may use meat of your choice, slicing it elongated and no thicker than 1/2 to 3/4 inch thick, for threading onto skewers.



- Ingredients:**
- * 1/2 Cup Packed Brown Sugar
 - * 1/3 Cup Light Soy Sauce
 - * Skewers
 - * 1 Cup Pineapple Juice
 - * 2 lbs Meat of your choice

Marinade: In small saucepan, over medium heat, mix pineapple juice, brown sugar, and soy sauce. Remove from heat before mixture comes to a boil. Place meat in bowl large enough to allow cooled marinade to cover meat, refrigerate at least 30 minutes or longer.

Step 2) Thread chicken lengthwise onto wooden skewers

Step 3) Lightly brush oil onto the grill grate. Grill approximately 5 minutes per side, until juices run clear, or to your desired doneness. It will cook quickly, so watch it closely.

Steve's Fruit Salad/Salsa

Makes a great side salad, also a refreshing dip. It tastes even better when made 24 hours ahead allowing the juices to permeate all the ingredients. All ingredients finely chopped or diced for use as a dip. For a salad simply chop ingredients approximately 1" in size.

- *2 Delicious Apples
- *2-3 Jalapenos
- *2 Peaches
- * Cilantro
- *2 Granny Smith Apples
- *3 Stalks Celery
- *2 Bell Peppers (yellow & red)
- *Parsley
- *2 Pears
- *3 Oranges
- *1 Lemon
- *1 Med Jalapeño (optional)
- *1 Sweet Onion
- *1 Mango (optional)
- *2 Limes
- Salt/Pepper



Step 1) Chop all ingredients, saving 1 orange, 1 lemon and 2 limes. Place all diced ingredients into a bowl.

Step 2) Roll 1 orange, 1 lemon and 2 limes to soften; cut in half, squeeze juices over the ingredients. Gently fold ingredients together so as not to bruise, but to coat with the juices. Cover and refrigerate.

Local Shows of Interest

C&C Editor



September 4-5 Arlington, TX: 53rd Annual Show, "Texas Treasures"; Arlington Gem & Mineral Club; Arlington Convention Center, 1200 Ballpark Way; Sat 10-6 & Sun 10-5; adults \$6, seniors and children \$3; Kids' Korner, Rock Food Table, gem identification, silent auction, Grand Prize, hourly door prizes, vendors, jewelry, beads, gems, minerals, fossils; contact Karen Cessna, 2213 Hackberry Drive, Arlington, TX 76013, (817) 860-5232; email: cessnak@ont.com; Website: www.agemclub.org

Earth Science Fair – September 25–26, 2010; 10 am to 5 pm each day
Presented by Ellison Miles Geotechnology Institute; Bldg H; Brookhaven College Campus;

3939 Valley View Lane, Farmers Branch, Dallas, Texas, 75244

Scouts in Uniform, Teachers & Students are welcome & wanted! Free admission. Free Parking.

Fun for all ages!

Continued on next page

We invite you to join us on the Trinity River scenic banks for this event.

LMRA Annual Rockfest, Oct 9th & 10th, 2010, 10 am – 5 pm, 3400 Bryant Irvin Road, Ft Worth, TX 76109

This is a Lapidary & Jewelry Show which appears will be a treat to take in. LMRA Annual Rockfest (Flint, Rock-Gem-Mineral-Jewelry Sale) being held along with LMRA annual Model Railroader's Show & Pottery in the Park Show & Sale. email: steve.l.shearin@lmco.com

President Message: In Interest of YOUR Club

President POGM: Del Grady

November starts a new year for the Pleasant Oaks Gem and Mineral Club (POGMC). With it begins a new chance to volunteer some of your time to your club. This should include attending as many monthly meetings as you can at a minimum; attend club functions, ie; field trips, classes, rock swaps, and any other club-sponsored activity; volunteer for a club position. You are important to the club. Please consider volunteering for a position. You may contact a member of the nominating committee by phone or see them at the September meeting. The committee is as follow:

- A. Mark Carter 972-680-9223
- B. Ling Shurtz 972-509-2821
- C. Warner Regan 214-535-4690

Here below is the list of offices and their description.

Duties of Officers and Appointed Positions

President (elected office): preside at meetings and executive committee meetings, enforce the by-laws of the club, and appoint committees as necessary

1st Vice President (elected office): to act in the place of the president if the president is absent, and to plan the programs of all club meetings

2nd Vice President (elected office): supervise and maintain club lapidary equipment, instruct in its use, and coordinate instructors and supervisors for shop activities. Recently added 2nd VP also coordinates field trips

Secretary (elected office): keep the records of membership of the club and minutes of the meetings, responsible for club correspondence, and maintain a permanent files of the *Chips and Chatter*

Treasurer (elected office): collect and deposit all club monies (including dues), pay bills, keep account of receipts and disbursements, provide a monthly report

Editor (appointed & member of the executive committee): manage and publish the club's newsletter (duties not specified in by-laws)

Show Chair (appointed & member of the executive committee): coordinate all club show activities (duties not specified in by-laws)

Assistant Show Chair (appointed & member of the executive committee): assist the show chair, and generally serves as dealer coordinator (duties not specified in by-laws)

Librarian (appointed): maintain the club library, coordinate use of club books and videos (duties not specified in by-laws)

Sunshine Chair (appointed): maintain contact with club members regarding health and other issues, report at meetings as appropriate (duties not specified in by-laws)

Club Host (appointed): coordinate refreshments at meetings, coordinate annual Christmas party (duties not specified in by-laws)

Show Dates

2010

SEPTEMBER 2010:

11--TULSA, OKLAHOMA: Show, "Indian Nations Artifact & Fossil Show"; Bill Breckinridge and Harvey Shell; Oral Roberts University, Mabee Center, 81st and Lewis Ave.; Sat. 8-5; adults \$3, children 12 and under free; contact Harvey Shell or Bill Breckinridge, (918) 284-8216; e-mail: billbreckinridge2003@yahoo.com

11-12--SILOAM SPRINGS, ARKANSAS: Annual fall swap; NW Arkansas GMS; clubhouse, Hwy 43N; Sat. 9-5, Sun. 10-5; free admission; auction, kids' gem wash, silent auctions, grab bags; contact Dave Leininger, (479) 787-5619; e-mail: hulagrub@aol.com; Web site: www.nwarockhounds.org

17-19--ENID, OKLAHOMA: Show; Enid Gem & Mineral Society; Oak Wood Mall, 4125 Owen K. Garriot (Hwy. 412); Fri. 10-6, Sat. 10-6, Sun. 12-5; contact Billy E. Wood, (580) 234-5344

28-3--IDABEL, OKLAHOMA: Show and sale; McCurtain Gem & Mineral Club; Museum of the Red River, 812 SE Lincoln Rd., Hwy. 70 S. bypass; Tue. 9-5, Wed. 9-5, Thu. 9-5, Fri. 9-5, Sat. 9-5, Sun. 11-4; free admission; contact Doris Perkins, 405 SE Ave. G, Idabel, OK 74745, (580) 286-3133; e-mail: rperkins8236@sbcglobal.net

OCTOBER 2010:

2-3--JACKSONVILLE, ARKANSAS: Show; Central Arkansas Gem, Mineral & Geology Society; Jacksonville Community Center, 5 Municipal Dr.; Sat. 9-5, Sat. 9-5; free admission; more than 100 tables, more than 20 dealers, demonstrations, exhibits, door prizes, kids' dig, mineral identification; contact Pat Kissire, 4900 Sparks Rd., Little Rock, AR 72210, (501) 821-2346; e-mail: pkissire@sbcglobal.net; Web site: www.centralarrockhound.org

2-3--JACKSONVILLE, ARKANSAS: Show; Central Arkansas G, MI & Geology Society; Jacksonville Community Cntr, 5 Municipal Dr.; Sat & Sun. 9-5; free admission; 100 + tables, 20 + dealers, demonstrations, exhibits, door prizes, kids' dig, mineral id; contact Pat Kissire, 4900 Sparks Rd., Little Rock, AR 72210, (501) 821-2346; e-mail: pkissire@sbcglobal.net; or www.centralarrockhound.org

7-9--MOUNT IDA, ARKANSAS: Show, "Quartz, Quiltz and Craftz Festival"; Mount Ida Area Chamber of Commerce; Montgomery County Fairgrounds, Fairgrounds Rd.; Fri & Sat. 9-5, Sun.10-4; free admission; minerals, jewelry, quartz crystals, kids' crystal dig contest; Maureen Walther, Mount Ida Area C of C, Mount Ida, AR 71957, (870) 867-2723; e-mail: director@mtidachamber.com;

7-9--MOUNT IDA, ARKANSAS: Annual World's Championship Quartz Crystal Digging Contest; Montgomery County Fairgrounds, Fairgrounds Rd; Thu-Sat. 9-3; adults \$80 (\$95 late registration); keep your find, maybe win a prize; contact Maureen Walther, Mount Ida Area Cof C, Mount Ida, AR 71957, (870) 867-2723; or director@mountidachamber.com; Web site: www.mountidachamber.com

22-24--AUSTIN, TEXAS: Austin G &M Society Show, "Gem Capers 2010"; Palmer Events Center, 900 Barton Springs Rd.; Fri. 9-5, Sat. 10-6, Sun. 10-5; adults \$5(all 3 days), seniors \$4, child 5& under free 6/12 .50 cents, 13-18 \$1; 30 + vendors, displays, Rock Food Table, rocks and fossil touch tablef, demos of cabbing, wire wrapping, faceting, polymer clay, fossil cleaning, kids' day Fri., Wheel of Fortune, Gem Mine, jewelry making, glow in the dark rockst , grand prize; contact Brian Wetzig, 6719 Burnet Ln., Austin, TX 78757, (512) 458-9546; e-mail: ShowChairman@AustinGemAndMineral.org; Web site: www.GemCapers.com

NOVEMBER 2010:

6-7--AMARILLO, TEXAS: Annual show; Golden Spread Gem & Mineral Society; Amarillo Civic Center, 401 S. Buchanan; Sat. 10-6, Sun. 10-5; admission \$2; jewelry, gems, minerals, fossils, metal detectors, working demonstrations; contact Roy or Wanda Finley, 9170 FM 1151, Claude, TX 79019, (806) 944-5464; e-mail: finfran@midplains.coop

6-7--MIDLAND, TEXAS: 48th annual show; Midland Gem & Mineral Society; Midland Center, 105 N. Main St., corner of Wall and Main; Sat. 9-6, Sun. 10-5; adults \$4, students (6-18) \$1, children 5 and under free; dealers, demonstrations, exhibits, silent auction, kids' corner, geode cutting, fluorescent mineral room; contact Craig Tellinghuisen, (432) 697-7668; e-mail: mgmstx@gmail.com

12-14--HUMBLE, TEXAS: 57th annual show; Houston Gem & Mineral Society; Humble Civic Center, 8233 Will Clayton Pkwy.; Fri. 9-6, Sat. 9-6, Sun. 10-6; adults \$7, seniors and students \$6, children under 12 free; displays, working exhibits, demonstrations, fluorescent mineral exhibit, swap area, more than 40 dealers, minerals, fossils, jewelry, spheres, meteorites; contact Rick Rexroad, HGMS Clubhouse, 10805 Brooklet, Houston, TX 77099, (281) 530-0942; e-mail: rlrsexroad@sbcglobal.net; Web site: www.hgms.org

DECEMBER 2010:

3-5--EL PASO, TEXAS: El Paso Mineral & Gem Society; El Maida Auditorium, 6331 Alabama; Fri. 10-6, Sat. 10-6, Sun. 10-5; adults \$3, seniors \$2, under 12 free; gems, minerals, fossils, beads, jewelry, tools, books, equipment, geode cutting, silent auction, demonstrations; contact Jeannette Carrillo, 4100 Alameda Ave., El Paso, TX 79905, (877) 533-7153; e-mail: gemcenter@aol.com

Area Clubs

Pleasant Oaks Gem & Mineral Club, Garland Women's Bldg., 713 Austin, Garland, meets the 1st Thur. of each month at 7:30 pm

Lockheed-Martin Stone Steppers, 3400 Bryant-Irving Road, Fort Worth, meets the 2nd Tuesday at 7:30 pm

Dallas Gem & Mineral Society, 10205 Plano Rd, off of Plano Rd, Dallas, TX, meets the 3rd Tue. of each month at 7 pm

Dallas Bead Society, meets 3rd Thur. each month at 7:30 pm Address pending

Oak Cliff Gem & Min Soc, **South Hampton Community Hospital**, 2929 S. Hampton Rd, Dls, TX, 4th Tue. each month at 7 pm

Fort Worth Gem & Mineral Club, 3545 Bryan Avenue, Ft Worth, TX, meets the 4th Tuesday of each month at 7:30 pm

Dallas Paleontological Society, EMGI (Bldg. H, Brookhaven College, 3939 Valley View Lane, 75244), 2nd Wed. ea. month at 7:30 pm

Chips and Chatter

Pleasant Oaks Gem and Mineral Club of Dallas, TX

CHIPS AND CHATTER
Pleasant Oaks Gem & Mineral Club
PO Box 831934
Richardson, TX 75083-1934

FIRST CLASS MAIL



To:

++++++ *September 2, 2010; 7:30 PM,* **++++++**
Garland Women's Activities Building 713 Austin, Garland, TX

PLEASANT OAKS GEM and MINERAL CLUB

First Thursday of each month, 7:30 PM
Garland Women's Activities Building
713 Austin, Garland, TX
(Northeast corner of Austin & Glenbrook)

MEMBERSHIP

Single Adult: \$16.50,
Junior: \$5.00; Family: \$27.50
(plus badge fee for new members)

5th Place AFMS 2007 small bulletins
1st place SCFMS 2006 small bulletins
9th place AFMS 2006 small bulletins
3rd place SCMS 2005 small bulletins
3rd place, AFMS 2005 small bulletins
1st place SCFMS 2004 small bulletins
HM AFMS 2004 small bulletins
2nd place SCFMS 2003 small bulletins

Member of

South Central Federation of Mineral Societies

Affiliated with

American Federation of Mineral Societies