

# Pleasant Oaks Gem & Mineral Club of Dallas, TX

## Chips and Chatter

*November 4, 2010*  
*Vol. 44, Issue 11*

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### Meeting, etc.

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Chips and Chatter

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### 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

### 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  
 E-mail: ..... [anitadresner@rocketmail.com](mailto:anitadresner@rocketmail.com)

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

# *September 2, 2010 Minutes from the Secretary*

POGM Secretary: Lee Elms

October 7, 2010

Respectfully submitted by Carolyn Grady

The meeting was called to order at 7:40pm by President Del Grady; Mark Carter led us in the Pledge of Allegiance.

**Secretary Report:** The minutes of the September meeting in the Chips and Chatter were approved as written.

**Treasurers' Report:** from Don Shurtz was stated and approved.

**Sunshine Report:** Warner reported Cindy was improving. Wanda Fitzgerald is having difficulties with allergies.

**Old Business:** Report from Mark Carter for next year's slate of officers. List of nominees were same as current officers.

**New Business:** Motion was made to accept the list of officers as presented by nominating committee. All nominees were approved.

**Shows of Interest:** Dallas Rock swap and Lockheed- Martin Show this weekend. Dallas Club Show November, AFMS show in December. DeRidder, Louisiana show is coming up.

**Visitors:** Mike and May Lofting, who visited the club table at the International Gem show.

Raffle tickets were sold and we had our refreshment break.

**Program:** Mark Carter led a round table discussion on Opal, in which all present club members participated. Several club members brought opals from their collections. Mark Carter, Del Grady, Warner Ragen, Ling and Don Shurtz.

After the program ended we had our raffle.

Meeting was 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](mailto: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*

At this time I do not have the program information available for November 4, meeting.

## *Refreshments*

### *Refreshment Volunteers*

*Nov Drink & Ice – Del & Carolyn Grady*

*Nov Snack – Anita Dresner*

*Members: Pot luck, Ice & Drinks*

*December - Club: Meat*

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

## *AFMS Alert*

Don Shurtz; POGM Treasurer

American Federation Mineralogical Society/South Central Federation Mineralogical Society Banquet Awards is December 11 and 12, 2010. It will be held in DeRidder, Louisiana this year. Some of us will be attending. Do you plan to go to the convention?

Ling and I will be going by RV, leaving on Friday prior to the show and returning Sunday, catching a night's rest rather than driving back that late in the evening. It is just over 300 miles, so it will not be a short drive.

## *Area Clubs*

Arlington G&M Club, 1st Tuesday of each month at 7:30 pm, 1408 Gibbins, Arlington, TX  
Pleasant Oaks Gem & Mineral Club, Garland Women's Bldg., 713 Austin, Garland, meets the 1<sup>st</sup> Thur. of each month at 7:30 pm  
Lockheed-Martin Stone Steppers, 3400 Bryant-Irving Road, Fort Worth, meets the 2<sup>nd</sup> Tuesday at 7:30 pm  
Dallas Gem & Mineral Society, 10205 Plano Rd, off of Plano Rd, Dallas, TX, meets the 3<sup>rd</sup> Tue. of each month at 7 pm  
Dallas Bead Society meets 3<sup>rd</sup> Thur. each month at 7:30 pm Address pending  
Oak Cliff Gem & Min Soc, **South Hampton Community Hospital**, 2929 S. Hampton Rd, Dls, TX, 4<sup>th</sup> Tue. each month at 7 pm  
Fort Worth Gem & Mineral Club, 3545 Bryan Avenue, Ft Worth, TX, meets the 4<sup>th</sup> Tuesday of each month at 7:30 pm  
Dallas Paleontological Society, EMGI (Bldg. H, Brookhaven College, 3939 Valley View Lane, 75244), 2<sup>nd</sup> Wed. ea. month at 7:30 pm

## *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, fresh, board of officers. Please attend the November meeting to meet and greet your new Board and welcome them aboard.

## *A Little Humor*

Age is a very high price to pay for maturity.  
Bills travel through the mail at twice the speed of checks.  
A conscience is what hurts when all your other parts feel so good.

# **Article of Interest - Metamorphic Rocks**

Pleasant Oaks Gem and Mineral Club Member: Don Shurtz

I want to attempt to tease you with some information I have come across to titillate your thought on rocks, this month on metamorphic rocks. As a new comer to rock hounding and lapidary I find things that are most interesting that I want to share. However being a newbie, I realize there are those oldsters (as in years of being a rock hound) that may think these bits are of no interest. But nevertheless, I was given this most interesting book which leads me to where I am today; here as your editor trying to boost your interest in the nature of rocks. In the coming months, I will share some on metamorphic rocks with you. I may even change course and share with you about sedimentary and igneous rocks along the way. I hope you enjoy the trip down nature's path with me.

## Metamorphic Rocks

With a change to the composition, texture, or both, igneous and sedimentary rocks may be changed into the third type of rocks known as metamorphic. It can be easy to explain but quite difficult to duplicate due the intense amount of time involved, like centuries sometimes.

What turns sedimentary and igneous rocks into metamorphic rocks? Heat, pressure and water; the greater the heat and pressure the better. Addition of water, or fluid, gives them the lubricant to do an even better job of metamorphism. Many of the minerals in metamorphic rocks are contained in both the igneous and sedimentary rock. Several minerals most commonly associated with metamorphic rocks are kyanite, andalusite, staurolite, and wollastonite. "Of the minerals that originate in metamorphism than other rocks, though not confined to them, are garnet, actinolite, and tremolite".

## SCHIST

What is schist? The name derives from Greek meaning "to divide", a metamorphic rock usually well foliated so as to split in the direction of the flats of which it is mostly composed of and can be noted upon sight; Chlorite, Amphibole, Talc, and Mica Schist is usually made up of two or more minerals and therefore it is common for it to have a compound name such as Mica-Schist, etc..

Manhattan Schist; comes from Manhattan Island where it can be found in several thousand feet thickness along with Pre-Cambrian rocks. It will be found from Westchester and Putnam Counties to western Connecticut, and will contain pearly white mica and a crumpled structure; named and described in 1809, once a sedimentary rock, prior to profound metamorphism.

Battleground Schist; so named in 1931 where it was abundantly found on Kings Mountain Battleground in South Carolina, around an American Revolutionary site of October 7, 1780. However, it is found in North and South Carolina. It appears with large amounts of fine grained mica and pre-Historic in age.

Kitchi Schist; Named in 1895, for the area of the Kitchi Hills in northwestern Michigan, where it was discovered; it is of Pre-Cambrian time of volcanic material known as tuff. It seems to appear as sedimentary formation, with the presence of small rounded pebbles.

Abrams Mica Schist; was named in 1901 for the post office of Coffee Creek in northern California. It is metamorphic, approximately 5K in thickness with a composition of muted or dull colored muscovite mica of irregular layers of white quartz.

Visnu Schist; Located at the bottom of Grand Canyon, exposed in the Inner/Granite Gorge, is a Pre-Cambrian metamorphic rock containing mica schist and quartzite of more than 1,000 feet, which also contains hornblende schist and granite here and there. It was given its name in 1889, of oriental meaning, because of a splendid scenic feature within the park; The Temple of Vishnu. The Bradshaw Mountains in central Arizona boast of an equivalent rock; Yavapai, so named in 1905 for the Yavapai County, where it can be found.

Ref;

1001 Questions About the mineral Kingdom - Author Richard M Pearl - Reference Item Numbers; 338 through 343

# *Birthstone of the Month*

C&C Editor, Anita Dresner

The November birthstone of the Topaz is also the birthstone for Scorpio, the sign of the Scorpion and relate to those born from November 22 to December 21. The Zodiac sign of Scorpio. [Yellow Topaz](#) and [Citrine](#) are the modern gemstones, Citrine the traditional gemstone, pearl is the mystical, topaz is the ayurvedic and [diamond](#) is the alternate gemstone for November. This month we are just going to mention the Citrine and the Topaz.



## Citrine:



It is thought Citrine get its name from the French word *citron*; *interpreted it means* lemon. Most Citrine observed is pale yellow in color but seen also in an orange brownish color. The latter color being the most prized color. The presence of iron makes for a darker yellow, which makes for a higher grade of Citrine. Its chemical composition is SiO<sub>2</sub> with Iron Impurities (Fe<sup>3+</sup>) and a hardness of 7. Most all heat-treated material has a red tint, but natural citrine does not. There have been deposits of amethyst found where naturally high temperatures changed it to orange- brown. It is advisable to keep your citrine in a cooler location and way from direct sunlight and heat sources.

Be careful to be protective of it when you are wearing it, as it is easily marred... It has been trace back to the end of the 4<sup>th</sup> century; a protective talisman of long history when worn may bring about joy, happiness, and tranquil effect over the body. It has been said to stimulate memory, aid in digestion, and possibly healing stone for heart, liver, and kidney. Citrine may be found in Colorado, No. Carolina, Nevada, Georgia and California, in Brazil, Spain, Scotland, and other countries while Brazil is the greatest exported of Citrine.



## Topaz:

The name Topaz is believed to have derived from Topazos, a small island in the Red Sea, or maybe from the Greek word meaning, "to shine" and implies "fire". Orange-red "Imperial" topaz and pink colors are rare and most valuable. A mineral occurring in rhombic prisms, a yellow hue and pellucid, and can be colorless, a green hue, blue tones, or even brown shades. It sometimes occurs massive and opaque. The crystal structure of the Topaz (aluminum fluor-silicate), the November birthstone, is orthorhombic.

## *Just to ponder*



The most famous topaz was found in the Portuguese crown. Weighing 1680 carats, this topaz was long thought to be a diamond because of its beautiful cut and clarity

The largest [Smokey topaz](#) is on display at The Smithsonian. It was cut and weighs almost 23,000 carats! Because of its golden color, topaz was associated with the sun gods Ra and Jupiter of ancient Egypt and Roman mythology.

You can find Topaz in the following countries; Afghanistan, Brazil, Nigeria, Sri Lanke, Pakistan, China, and Japan as well as the U.S., Australia and Mexico.

Classic Imperial Topaz. Saramenha, Brazil. Collection:  
William Larson. Photo: Harold & Erica Van Pelt

Reference: <http://thebrazilianconnection.com/november.html>

Ref: <http://www.birthstones.org.uk/november-birthstone.htm>

Ref: [http://www.gemaffair.com/content/Topaz\\_Jewelry.htm](http://www.gemaffair.com/content/Topaz_Jewelry.htm)

Ref: [http://en.wikipedia.org/wiki/File:Citrin\\_cut.jpg](http://en.wikipedia.org/wiki/File:Citrin_cut.jpg)

Ref: <http://www.all-gem-stones.com/se/citrine.html>

Ref: <http://www.joellessacredgrove.com/Gems/citrine.html>

Ref: <http://www.bernardine.com/gemstones/citrine.htm>

## *Field Trip*

David Dobson, POGM Member

**WHAT? A Field Trip! WHERE? TXI Cement Plant in Midlothian, TX. WHEN? Nov 13.  
TIME? 9AM TO 11AM.**

We will meet (15 mins before meeting time) at Ward Road in front of the TXI main office. Please send your name/s, email, and phone number ASAP for the sign up list to David Dobson [Rocktrading@aol.com](mailto:Rocktrading@aol.com). If you later learn you will not be able to attend please let me know ASAP so someone else may have your slot. If not on the list, according to TXI, they should not get in. Collecting in the parking lot, parts of the quarry we will be allowed to access, other parts with very large mounds of dirt, rocks, and boulders. Children allowed, but must be accompanied by an adult!

TXI is nice enough to let us in. We will be nice enough to use good judgment; do not stand near rock walls as rocks can fall off. Hard hats are to be worn at all times and safety glasses; they will be provided, but if you have your own please bring. No littering. If you see litter please pick it up. It is a good idea to bring: steel toe shoes, knee pads, sun block, WATER and please bring a small rock hammer, small zip lock baggy for small fossils, and collecting bag for larger specimens. We will be looking for pyrite, sepiarian nodules, marine fossils and many species of shark's teeth.

**No open toed shoes IE sandals! Pants required. No shorts allowed. No Cameras allowed.**

Directions to meeting location in Midlothian, TX: South on 35E to Highway 67. 67 South to Midlothian, TX. Exit Ward road. Go east/left under overpass and park on the right side of road across the street from TXI.

David Dobson; [Rocktrading@aol.com](mailto:Rocktrading@aol.com) **\*\*(Send all responses to this address!)\*\*** via email.

## *Show Dates*

### **NOVEMBER 2010:**

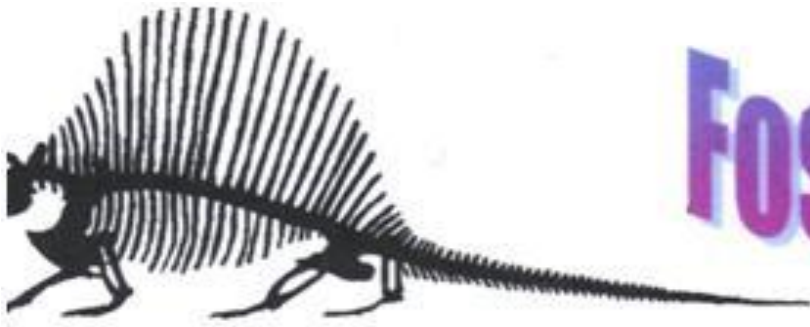
- 5-7--BLACK CANYON CITY, ARIZONA:** Annual show, "Rock-A-Rama"; Braggin' Rock Club; High Desert Park, Jacie St.; free admission; minerals, lapidary supplies, displays, fossils, rough slabs, crystals, beads, tailgaters welcome; call Phyllis, (623) 374-5451
- 6-7--AMARILLO, TEXAS:** Annual show; Golden 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](mailto:finfran@midplains.coop)
- 6--TUCSON, ARIZONA:** 9th annual silent auction; Old Pueblo Lapidary Club; 3118 N. Dale; Sat. 9-2; free admission; contact Danny V. Harmsen, (520) 323-9154
- 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](mailto: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: [rlrexroad@sbcglobal.net](mailto:rlrexroad@sbcglobal.net); Web site: [www.hgms.org](http://www.hgms.org)
- 20 & 21--MESQUITE, TEXAS:** Dallas Gem and Mineral Society Annual Show: Parade of Gems; Resistol Arena Exhibition Hall, 1818 Rodeo Dr., Mesquite, TX, (I635 @ Military Pkwy, Exit 4) displays, Rock Food Table, demonstrations, fossil, rocks, gems, jewelry, geodes, jewelry making, rocks that glow in the dark, grand prize, hourly door prizes, Kids Wheel of Fortune, Gem Mine. Sat 10/6, Sun 10/ 5. Adults \$8. 4-12 \$3.; under 4 free, family of 4 \$20.00. Show Chairman Darrell Harrison at [bravo1bravo@sbcglobal.net](mailto:bravo1bravo@sbcglobal.net), assistants Anita Dresner @ [anitadresner@rocketmail.com](mailto:anitadresner@rocketmail.com) & Mollie Cutting @ [mollie\\_cutting@sbcglobal.net](mailto:mollie_cutting@sbcglobal.net). Visit website at [www.dallasgemandmineral.org](http://www.dallasgemandmineral.org)
- 27-28--WICKENBURG, ARIZONA:** Show, "Wickenburg Gem & Mineral Show"; Wickenburg GMS; Community Center, 160 N. Valentine St.; Sat. & Sun. 9-5, free admission; more than 40 vendors, gems, minerals, jewelry, door prizes, grab bags, spinning wheel, raffle; contact Beth Myerson, P.O. Box 20375, Wickenburg, AZ 85358, (928) 684-0380; e-mail: [myerbd@gmail.com](mailto:myerbd@gmail.com)

### **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](mailto:gemcenter@aol.com)

### **Chips and Chatter**

Pleasant Oaks Gem and Mineral Club of Dallas, TX



# Fossil Fest 2010

## Paleontological Society of Austin

Dear Fellow Club Person:

The Paleontological Society of Austin would like you to include an announcement of our 20<sup>th</sup> annual fossil show in your Calendar / Event listing or similar article or publication; editing it as needed to fit your format.

### Calendar insert

The Paleontological Society of Austin is sponsoring our 20<sup>th</sup> annual fossil show – Fossil Fest 2010 at Old Settler's Park in Round Rock, next to the Dell Diamond on December 4 & 5, 2010. This year's theme is: "What's in YOUR backyard?" – highlighting fossils from in and around the Central Texas area. A fun and educational event for the entire family with door prizes, demos, displays, a spin the fossil wheel, a fossil dig pit and dealers from around the country selling fossils and fossil related material from around the world. Admission is \$2.00 for adults, \$1.00 for students and children under 6 are free.

Visit us online at: [www.texaspaleo.com](http://www.texaspaleo.com) or contact Linda McCall at 512-422-2322 or [lindmccall02@yahoo.com](mailto:lindmccall02@yahoo.com) for more information.

Visit us online at: [www.texaspaleo.com](http://www.texaspaleo.com)

OR contact Linda McCall @ 512-422-2322 OR: [lindamccall02@yahoo.com](mailto:lindamccall02@yahoo.com)

### Take A Time Out

Thanksgiving is just around the corner. Please take a moment to be thankful of all you have, the times which have made you stronger in your walk; in being closer to family and to friends. Above all, take time out for yourself; rest, laugh, reflect, and be thankful for all the beauty of nature your God provided you.

Happy Turkey Day

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

FIRST CLASS MAIL



To:

**++++++ November 4, 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)

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

### **Member of**

South Central Federation of Mineral Societies

### **Affiliated with**

American Federation of Mineral Societies