

Pleasant Oaks Gem & Mineral Club of Dallas, TX

Chips and Chatter

May 2015
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1st Place, 2014 SCFMS Mini-Bulletin
1st Place, 2014 AFMS Mini-Bulletin

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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, particularly 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

Our May meeting will start at 7:30 on May 7th, 2015 at the Garland Women's Activities Building, 713 Austin, Garland, TX. Del Grady will lead a HANDS-ON activity: Chip Inlay. Plan to attend and learn a new technique. Visitors Welcome!

VISITORS ARE ALWAYS WELCOME

Club Officers for 2015

President:Ling Shurtz
1st VP, Programs: Open
2nd VP, Field Trips: Open
Secretary: Lee Elms
Treasurer: Del Grady
Editor: Don Shurtz
E-mail: ...don.shurtz@gmail.com, l.shurtz@gmail.com

**VISIT OUR AWARD WINNING WEB SITE TO
VIEW THE CHIPS AND CHATTER IN COLOR.**

www.pogmc.org

President's Message

Ling Shurtz, Pleasant Oaks Gem and Mineral Club of Dallas

Were you at the IGEM show? Were you at the club booth? You should have been there. You may have missed a great opportunity to sell some of your goods – people are once again buying. Our club was represented by Del and Carolyn, Warner, Don and I. Don was mainly doing demonstrations of lapidary, but he even sold a few rough rocks. Butch and Patty were at the show and stopped by for a short visit. Previous member Linda Dallas stopped by the booth and re-joined the club; glad to have you back as a member. Previous member Beth Hollingsworth also stopped by to see how the club was doing. There were also two prior members from the 70's who stopped by, but I did not catch their names. All in all it was a good show.

This month our club meeting is on the 7th of May and will have a hands-on project of Chip Inlay led by Del Grady. If you are a member, grab a friend and get out to the meeting. Visitors are also welcome at the meeting and can join in on the hands-on project.

Minutes

The April 2nd, 2015 meeting was called to order at 8pm by President Ling Shurtz.

The Pledge to the flag was led by Lee Elms.

Sunshine Report; Warner told us that his sister passed away in February and Butch told us his mother passed away in March.

We discussed the minutes of the March meeting that were printed in the Chips and Chatter. A motion to accept the minutes was made by Ling. The motion was seconded by Del, and the motion passed.

Del Grady gave the Treasurers' Report. A motion to accept the Treasurers' Report was made by Lee. The motion was seconded by Ling, and the motion passed.

Old business: Ling brought a report from the Dallas Regional Science and Engineering Fair for us to look at. We always give them a donation of \$100 to the winner or our Special Award for an Earth Science project.

April 24, 25, and 26th are the dates of the IGEM show at Market Hall. Ling did not have any tickets this evening to pass out for those of us that will attend the show because she hadn't received them yet. The set-up for the show is Wednesday, 22 April, starting at noon.

Daniel Moulton was our guest speaker and he gave us a slide presentation about what is covered in his book "Texas Nature and Environmental Centers Guide." It's a great book covering all the nature centers and environmental centers in Texas where you can go and hike, camp, and have a good time. Most of us bought a book from him this evening, and it is really packed with a lot of information about what each center offers, and it is geared towards families wanting to expose their children to what Texas parks have offer.

After our presentation we had our raffle, and then the meeting was adjourned at 9:10pm.

Respectfully submitted,

Lee Elms, Secretary

Show Calendar - Upcoming Show Dates

May 2 - 3, Lubbock, TX, Lubbock G&MS, Lubbock Civic Cntr., walt@lubbockremandmineral.org,
www.lubbockgemandmineral.org

May 2 - 3, Waco, TX, Waco G&MC, Extracto Events Cntr, babydocmac@aol.com,

May 9, Arlington, TX, Annual Swap Meet, 1408 Gibbons Rd., www.agemclub.com

May 16 - 17, DeRidder, LA, DeRidder G&MS, Beaugard Parish Fairgrounds

May 23 – 24, Ft. Worth, TX, Ft. Worth G&MS, Will Rogers Memorial Cntr.

May 23 – 24, Midwest Federation, Wheaton, IL

Jun 12 – 15, California Federation, Lodi, CA

Jun 13 - 14, Grapevine, TX, Arlington G&MC, Grapevine Conv. Cntr, anastasi.chaparro@att.net, www.agemclub.org

Jun 19 - 21, Carlsbad, NM, Carlsbad G&MS, Living Desert Zoo and State Park, information@carlsbadgms.org

Jul 4 – 5, Dallas, TX, Cowtown GM&GS (CERA), Brookhaven College

Jul 16 – 18, Rocky Mountain Federation, Cody, WY

Aug 08 – 09, Baton Rouge, LA, Baton Rouge G&MS, Fraternal Order of Police

Aug 14 - 15, Tahlequah, OK, Tahlequah R&MS, Rockhoundsally@aol.com, tramsok.webs.com

Aug 15 – 16, Bossier City, LA, ARK-LA-TEX G&MS, Bossier City Civic Cntr., www.larockclub.com

Aug 22 - 23, Mountain Home, AR, Ozark Earth Science GM&FC, www.ozarkearthscience.org/news.htm

Aug 22 – 23, Jasper, TX, Pine Country G&MS, Events Cntr

Sep 5 – 7, Silver City, NM, Clackamas County Fairground, karmicbeadsandgems@yahoo.com

Sep 25 – 27, Humble, TX, Houston G&MS, Humble Civic Center, show@hgms.org, www.hgms.org

Oct 3 – 4, Jacksonville, AR, Central Arkansas GM&GS, Jacksonville Community Center, thom61847@yahoo.com

Oct 10 – 11, Temple, TX, Tri8(y)11(ahoo.c)-2(om)JTJETnterTo7161.54 391.87 y Cty G&tfoXy Civier.

May Emerald

Don Shurtz, Pleasant Oaks Gem and Mineral Club of Dallas

May has only one birthstone, emerald. Emerald is the green variety of beryl (beryllium aluminum silicate – $\text{Be}_3\text{Al}_2(\text{SiO}_3)_6$, or is it? For most of modern history, the green coloring agent in emeralds was considered to be trace amounts of chromium. However, green beryl has been found where the coloring agent is trace amounts of iron or vanadium. Most green beryl that is colored by iron is a pale green with a tinge of yellow; it is generally heat treated to form aquamarine, the blue variety of beryl. That leaves us with chromium and vanadium as the coloring agents. Wikipedia has a statement that in the 1960s the United States changed its definition of emerald to include green beryl that is colored by chromium and, but green beryl colored by vanadium are not considered as emeralds in the UK and Europe. This is supported by Crystal Dictionary and Gem Select. This leads to a situation of “buyer beware” – an emerald purchased in the United States may not be recognized as an emerald, but rather as simply green beryl, in Europe.



Emerald is often heavily included with tiny stress fractures. These stress fractures are caused by the presence of the chromium atom replacing the aluminum atom as the chromium atom is much larger. The vanadium colored emeralds are generally much cleaner but the color may not be as deep. Most chromium colored emeralds come from Columbia while the vanadium colored emeralds generally come from Brazil. Emeralds are also found in a variety of locations including Asia, Africa, Australia, Europe, South America, and North America. In the United States, emeralds have been found in North and South Carolina, Montana, Connecticut, and Nevada.

Most emeralds are faceted and many faceted in the classical eight sided “Emerald cut”. However, a unique and very rare variety of emerald called the trapiche is found in the Muzo Mine in Columbia. The trapiche has a six pointed pattern looking like spokes of a wheel. The spokes are dark colored with carbon impurities. When a trapiche is found, it is always cut as a cabochon. There is a trapiche emerald currently on display at the Perot Museum of Nature and Science in downtown Dallas.



Ref:

Crystal Dictionary.com, <http://www.crystaldictionary.com/crystals-by-color/green/emerald.html>

ebay Investment Emerald Gemstones, <http://www.ebay.com/gds/Investment-Emerald-Gemstones-/1000000000958266/g.html>

Gem Select, <http://www.gemselect.com/gem-info/emerald/emerald-info.php>

Wikipedia, Emeralds, <http://en.wikipedia.org/wiki/Emerald>

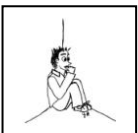
Photos:

All photos from Wikimedia Commons, <http://commons.wikimedia.org/wiki/>

Emerald crystal, photo by Parent Géry, licensed under Creative Commons Attributions - Share Alike 3.0 Unported

Emerald cut emerald, photo by Vzb83, licensed under Creative Commons Attributions - Share Alike 3.0 Unported

Trapiche emerald, photo by Luciana Barbosa, licensed under Creative Commons Attributions - Share Alike 3.0 Unported



Don Shurtz, Pleasant Oaks Gem and Mineral Club of Dallas

Do you have a favorite club related topic that you would like to see in the Chips and Chatter? This is the club’s newsletter and we can make it whatever you want. Do you have a story that you can relate, or could you write a short article (how about your birthstone)? Have you been on a field trip or to a show and could you share you experiences; it would be a lot more interesting that the mundane stuff that makes it into the Chips and Chatter. It would be nice if I could really be just an editor rather than editor, researcher, writer, author, ... (love that 3 dot journalism).

We are getting into the busy time for gem shows. Not too long ago, I counted 53 shows in April. Have not counted this year but I know there are many opportunities to take a field trip to a club show. In January I went to Tucson AZ. Since then there have been shows in Georgetown, Fredericksburg, Corpus, Clearlake and Big Spring.

A good show does not have to be large but the dealers do need to make money. Also the club needs recoup their expenses and sometimes make money to pay taxes or other expenses. Usually the shows main purpose is to inform the community about the hobby and the activities available at the club.

The SCFMS/AFMS Austin show is several months away but because the Formula 1 race is happening at the same time hotels are going to be few and expensive. The Austin club has 27 rooms set aside. Also some members are opening their homes. We do not have a list of these members yet but I hope it will come soon since delegates will be coming from all over the country.

Each club has one vote at the SCFMS meeting. The person who has the vote is the president or a representative. Sharing a room will cut the cost of sending their representative to the show. Makes it more fun, too.

Don't forget the SCFMS endowment auction. We depend on donations from the clubs to raise money for the endowment.

On another subject. The nominating committee is at work so if you have always wanted to do something for your hobby contact Wanda Reynolds, Ron Carman or Joyce Speed.

2015 AFMS Scholarship Honoree

by Ann James, SCFMS Executive Vice-President, from the March - April SCFMS Newsletter

It is with great honor and pleasure that I announce that Linda Simpson has been selected as the SCFMS 2015 AFMS Scholarship Honoree. Linda was nominated by Don Kolle, Vice- President of the Southwest Gem & Mineral Society, San Antonio. Linda is a member of the Gulf Coast Gem and Mineral Society as well as the Corpus Christi Geological Society. She is extremely active and has held many offices in the local club. Linda has also served as Region 3 Vice-President with the SCFMS.

Linda holds an AA and BS in Biology Education and is certified in both Texas and Oklahoma in the areas of composite Science, Chemistry, Physical Science and Spanish. From 1977 through 1999, Linda taught Earth Science, Physics, Biology, Chemistry, Botany, Anatomy and Physiology, Taxonomy, Entomology and Physical Science throughout schools in Texas and Oklahoma.

From 2000-2011, Linda was a writer for CSCOPE 6-8th grade science curriculum. She was also Project Director for Region 2 Collaborative for Excellence in Science Teaching Grant. She also found herself mentoring alternative certification teacher interns as well as a facilitator for an on-line teacher preparation course.

At present, Linda is an Independent Science Consultant and Science Adjunct for ESC 2. You can find Linda presenting rock, mineral and fossil programs to area schools and libraries. She has also organized and runs two youth rock and mineral camps, the Owen Hopkins Memorial Kids Rock Camp and Gulf coast Gem & Minerals Society Jr. Rockers Advanced Camp. Using the guidelines from the AFMS Jr. Rockhound program, she has developed the materials and activities used in the summer rock camps.

Linda's accomplishments in the Earth Science field are vast. Thank you for all you have contributed.

PLEASANT OAKS GEM and MINERAL CLUB of Dallas

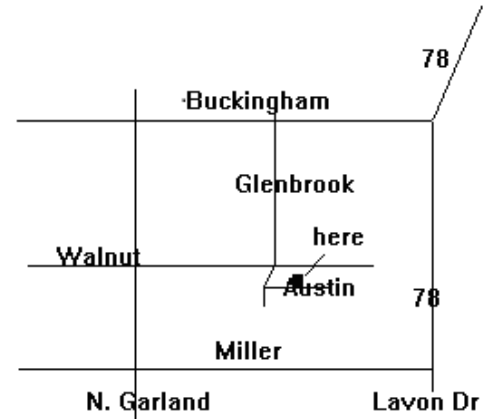


Meetings

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

Membership

Single Adult: \$16.00,
Junior: \$5.00, Family: \$27.50
(Plus badge fee for new members)



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

To:

May Meeting 7 May, 7:30 PM. Del Grady will lead a Hands-On activity, Chip Inlay. Plan to attend. Visitors Welcome!
June Meeting 4 June, 7:30 PM

Visit an Area Club

Arlington Gem & Mineral Club, 1408 Gibbins, Arlington, TX, 1st Tuesday of each month at 7:30 pm
Dallas Bead Society, The Point at CC Young, 4847 W. Lawther Dr., Dallas, TX meets 1st Saturday of each month at 10:00 am
Dallas Gem & Mineral Society meets the 3rd Tuesday of each month at 7 pm, American Legion, 10205 Plano Rd, Dallas (next to their shop)
Dallas Paleontological Society, 2nd Wed. of each month at 7:30 pm, Brookhaven Geotechnology Institute, 3939 Valley View Lane, 75244
Ft. Worth Gem & Mineral Club, meets the 4th Tuesday of each month at 7:30 pm, 3545 Bryan Ave, Ft Worth,
Cowtown G, M, & Glass Club, meets the 2nd Tuesday at 7:00 pm, Corp. Emp. Rec. Association (CERA) 3300 Bryant Irvin Rd. Fort Worth
Oak Cliff Gem & Min Soc., 4th Tuesday of each month at 7:30 pm, Unitarian Universalist Church, 3839 W. Keist Blvd, Dallas,
Pleasant Oaks Gem & Mineral Club meets the 1st Thur. of each month at 7:30 pm, Garland Women's Activities Bldg., 713 Austin, Garland,