

Pleasant Oaks Gem & Mineral Club of Dallas, TX

Chips and Chatter



May 2012
Vol. 46, Issue 5

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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).

Club Officers for 2011

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

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

From the Secretary: February 2012 Minutes

POGM Secretary: Lee Elms

President: The April meeting was called to order at 7:30 by President Del Grady. The Pledge of Allegiance to the Flag was led by Warner Regan.

1st VP: Announced program for May would be Teri Collier giving a demonstration on Chain Mail. June program, Warner Regan is to give a demonstration on cleaning minerals.

Secretary Report: N/A

Treasurer Report: The Treasurers report was unanimously accepted as reported by Treasurer Don Shurtz.

Sunshine Report: Club member Angela Starett has passed away. Patti Mitchell is still not feeling well.

Old Business: None

New Business: American Federation of Mineralogical is requesting donations for the Endowment Foundation Raffle. South Central Federation is looking for Silent Auction items. Anita is requesting a volunteer to take over as Editor of *Chips and Chatter*.

Field Trips: International Gem and Mineral Show is April 27-29. David Dodson has a trip to TXI plant planned for April. Arlington Gem and Mineral Club annual Rock Swap is May 12th.

Refreshment Break

Program: Selected excerpts from DVD from Arkenstone opening. Mark selected exert with Harrison "Jack" Schmitt crewman on Apollo 17 and the only geologist to walk on the Moon.

After the program, we had our raffle and the meeting was adjourned.

Michigan State Gem: Greenstone

Chips and Chatter Editor; OCGMS Member

In 1973, the Isle Royale greenstone (chlorastrolite a variety of the mineral pumpellyite) was designated as the official Michigan state gem. It appears on the beaches of Lake Superior as is a bluish-green stone, having a pattern of many star-like crystals which resembles a "turtle back" appearance. They are said to be symbolic of the wilderness on Isle Royale's. While hiking the Isle Royale's loftiest ridge, you may spy a greenish hue outcropping of basalt. This is Greenstone Ridge. The ridge is named for the color of the underlying Greenstone Flow. The flow of basalt is one of the earth's largest and thickest lava flows; near 800 feet thick which extends under Lake Superior only to reappear 50 miles down in the Keweenaw Peninsula in Michigan. The Chlorastrolite lava fractures are tossed about in the lake where waves then push them ashore. The greenstone once was much more common on Isle Royale beaches and under Lake Superior.



They are now protected and collecting chlorastrolite from Isle Royale National Park is prohibited. For this reason beach combing, hunting greenstones, agates, are considered only a pastime.

Ref:

<http://www.isle.royale.national-park.com/info.htm>;

<http://www.statesymbolsusa.org/Michigan/gemChlorastrolite.html>

Picture: <http://en.wikipedia.org/wiki/File:Greenstone2.JPG> - This work has been released into the **public domain** by its author, **Wraithwing** at the **wikipedia** project. This applies worldwide

“largest gem quality stone is in the Smithsonian and measures 1.5 by 3 inches. It was first described from Isle Royale, Lake Superior by C.T. Jackson and J.D. Whitney in 1847. Chlorastrolite, also known as greenstone, is the official **state gem** of Michigan.” <http://en.wikipedia.org/wiki/chlorastrolite>.

May Birthstone: Emerald

Chips and Chatter Editor, Pleasant Oaks Gem and Mineral Club

Emeralds are of the beryl family of minerals and have been highly prized since ancient times. Depending upon the amounts of and the presence of certain minerals, chromium, or vanadium in the stone, will determine its color depth. The finest range of color is that of jello green, then goes to a grassy green to yellowish or bluish green in color. Their Mohs scale hardness is that of 7.5 to 8.



In ancient times, Emeralds were believed to improve low IQ, poor eyesight, and were worn to improve memory. Emeralds have embellished thrones of some of the oldest dynasties, and Mummies were found buried with emeralds. In ancient times emeralds were considered to be a cure of many diseases. The Authorized King James Version of the Bible, in Exodus 28:18 and 39:11, list “emeralds” as one of the precious stones in the breastplate of the high priest of the Jews, but modern consensus is that this is probably a mistranslation.

Reference:

Emerald Facts and Folklore By Carly Wickell, *About.com Guide:* <http://jewelry.about.com/cs/emeralds/a/emeraldjewelry.htm>

Emerald: May's Birthstone, Facts and Folklore by Wendy M. Rabbani:

http://www.jewelrystore.com/blog/?p=212&utm_source=feedburner&utm_medium=feed&utm_campaign=Feed%3A+Jewelrystore+%28Jewelrystore%29

Emeralds: <http://en.wikipedia.org/wiki/Emerald> <http://indianvedicastrologer.com/page14.htm>

The Tasty Corner

Editor POGM Club

Chicken Salad Stuffed Apples



Ingredients:

4 C	Chicken Breast, (skin free, cooked & cubed)	2 C	Chopped Celery
1 C	White Onion, diced	½ C	Mayonnaise
2 Tbs	Dijon Mustard	2 Tsp	Fresh Dill
6 Lg	Delicious Apples	2 Tbs	Lemon Juice
	Raisins, Optional		Pine nuts, Optional
	Salt & Pepper, to taste		

Directions:

Toss together chicken breast, celery and onions in bowl. In another bowl, blend mayonnaise, Dijon mustard, dill, salt and pepper. Gently mix dressing mixture into chicken. Chill an hour or longer prior to serving.

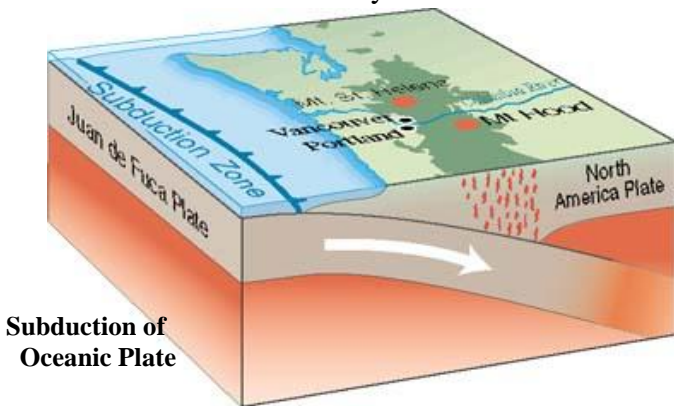
Slice off top of apple and remove core leaving enough “fruit pulp” to hold shape. Brush exposed apple meat with lemon juice; you may need to slice a sliver off the bottom of the apple to make it stand straight. Equally stuff all apples with chicken salad. To serve, place each apple onto a pre-chilled salad plate. Optional: Serve immediately garnishing with raisins and or pine nuts.

Article of Interest: The Earth's Crust

Don Shurtz, Pleasant Oaks Gem and Mineral Club

Rockhounds are interested in – well, rocks (OK – maybe rocks, minerals, fossils, rock shows, good times, but certainly rocks should be high on the list). Rocks are found in or on the ground. Pumice, one of the least dense rocks, may be able to float on water, but even pumice is not found floating in the air. Rocks are definitely found in or on the ground. So what is the ground? It is part of the earth's outer covering, known as the crust. The crust is the solid outside part of the earth, and comes in two varieties. There is oceanic crust which, appropriately enough is found under the major oceans of the world, and continental crust. The oceanic crust varies between 3 and 6 miles thick and continental crust varies between 20 to 30 miles thick. Contrast those thicknesses with the average radius of the earth which is 3960 miles. If you had a 16 inch diameter globe of the earth, the continental crust would be represented by a layer 1/10th of an inch thick – about the same thickness as a silver dollar. The oceanic crust would be just a little thinner than a dime.

There are other differences between oceanic and continental crust than just the thickness. Continental crust is generally older, its average age being about 2 billion years old. Some portions of the continental crust are between 3.7 and 4.2 billion years old. The oldest oceanic crust is about 200 million years old. That makes the oldest continental crust about 4 billion years older.



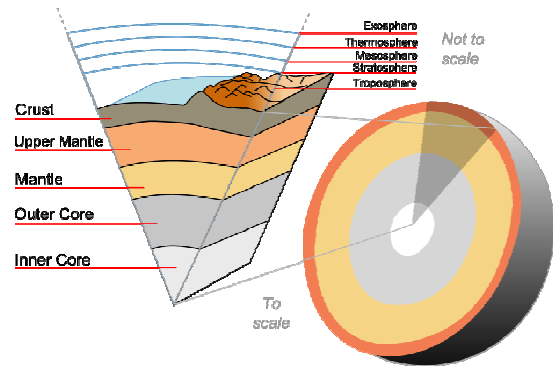
The continental crust is also slightly less dense than the oceanic crust. I have always wondered when they draw the pictures of subduction – the sinking of one plate under another plate (plate tectonics) – with the oceanic plate sinking under the continental plate. Since the continental plate is less dense, it would tend to float, or rise over the top of the oceanic plate. This also would give rise to continuous recycling of the oceanic plate which would account for the much younger age.

The most common elements in the earth's crust, in order, are Oxygen, Silicon, Aluminum, Iron, Calcium, Sodium, Potassium, and Magnesium. Oxygen and Silicon together comprise about 70 percent of the earth's crust weight. It should therefore not be surprising that silicon and silicate minerals make up most of the earth's crust. Some of the most common minerals in the earth's crust are olivine, basalt, hornblende, micas, feldspars, and quartz. And so, we finally are finding out what interests rockhounds – rocks. Quartz is one of the most abundant minerals in the earth's crust, and quartz is the base of many of the rocks that we use the most – crystal quartz (including amethysts, citrine, and colored quartz), agates, and jaspers. Unfortunately, most of this quartz is in the form of tiny crystals in granites, sandstones, and sand. But then that is what makes our finds so important to us.

Ref:

- Windows to the Universe, http://www.windows2universe.org/earth/geology/crust_elements.html
- Wikipedia, [http://en.wikipedia.org/wiki/Crust_\(geology\)](http://en.wikipedia.org/wiki/Crust_(geology))
- Illustrations from Wikimedia, <http://commons.wikimedia.org/wiki> from USGS illustrations released to public domain.

Earth Cut-Away View



2012 Show Dates

May 2012

18-20 SPRINGDALE, AR: Gem Faire Inc Wholesale & Retail Whow; Holiday Inn Convention Center NW Arkansas; 1500 S 48th Street; Fri 12-6, Sat 10-6, Sun 10-5; adults \$7, children (11 and under) free; jewelry, gems, beads, crystals, silver, rocks, minerals, nearly 100 exhibitors from all over the world; contact Yooy Nelson, (503) 252-8300; email: info@gemfaire.com; Web: www.gemfaire.com

26-27 FT WORTH, TX: Ft Worth Gem & Mineral Club 61st Annual Show; Will Rogers Memorial Center; 3401 W Lancaster; Sat 9-6, Sun 10-5; adults \$5, seniors and students \$4, military in uniform and children (under 16) free; more than 25 dealers, exhibits, kids' games, hourly door prizes, grand prize, silent auction; contact Steve Hilliard, PO Box 418, Decatur, TX 76234, (817) 925-5760; email: fwgmc@embarqmail.com; Web: www.fortworthgemandmineralclub.org

July 2012

14-15 TULSA, OK: Tulsa Rock & Mineral Society Annual Show; Central Park Hall Bldg; Tulsa State Fairgrounds; Sat 9-6, Sun 10-5; FREE; crystals, minerals, jewelry, displays, exhibits, silent auction, raffles; contact Leon Reeder, PO Box 2292, Tulsa, OK 74101, (918) 346-7299; email: okyrocks@peoplepc.com; Web: www.ttownrockhound.org

21-22 FT WORTH, TX: The Bead Market Retail Show; Amon Carter Exh Hall; Will Rogers Cntr, 3400 Burnett Tandy Drive; Sat 10-5, Sun 10-4; FREE; gemstones, glass, all kinds of beads & supplies, pearls, findings, lampwork, tools, books; Rebekah Wills, PO Box 494, Gilmer, UT 75644, (903) 734-3335; Web: www.thebeadmarket.net; email: rebekah@thebeadmarket.net;

August 2012

10-12 PASS CHRISTIAN, MS: Harrison Co Gem & Min Soc Annual show;; W Harrison Co Civic Center; 4470 Espy Avenue; Fri 12-6, Sat 9-6, Sun 10-4; adults \$3, under 10 free; rock ID, grand prize raffle; contact Tomsey Westermeyer, 9270 Serenity Drive, Pass Christian, MS 39571, (228) 586-5279; email: tomsey@cablone.net; Web: www.gulfportgems.org

11-12 BATON ROUGE, LA: Baton Rouge Gem & Mineral Society Annual Show; Marriott Hotel; 5500 Hilton Avenue, off I-10; Sat & Sun 10-5; adults \$4, children \$3; contact Diana Martin, (225) 931-7543; email: cajunladi@cox.net

17-18 TAHLEQUAH, OK: Tahlequah Rock & Mineral Society Annual Show; Tahlequah Community Bldg; 300 W First Street; Fri 9-6, Sat 9-5; adults \$3, under 18 free; rocks, minerals, fossils, gemstones, jewelry, auctions, educ. exhibits, demos; Sara Brasel, 14236 Cross Timbers Road, Tahlequah, OK 74464, (918) 458-0801; email: rockhoundsally@aol.com

18-19 BOSSIER CITY, LA: Ark-La-Tex Gem & Mineral Soc Annual Show; Bossier Civic Center; 620 Benton Road; Sat 10-6; adults \$4, students \$1, under 6 free; demos, youth activities, exhibits, classes, door prizes, dealers; contact Charlie Johns, 9314 Overlook Drive, Shreveport, LA 71118, (318) 687-4929; email: cwsejohns@bellsouth.net; Web: www.larockclub.com

25-26 JASPER, TX: Pine Country Gem & Mineral Soc 18th Annual Show; The Event Center; 6258 Hwy 190 W, 5 miles west of Jasper; Sat 9-5, Sun 10-5; adults \$2, students & children free; South Central Federation of Mineral Societies annual mtg, Spinning Wheel, silent auction, lapidary demos, hourly door prizes, grand prize raffle, student prize; contact Lonnie Stalsby, (409) 382-5314

25-26 MOUNTAIN HOME, AR: Ozark Earth Science Gem, Mineral & Fossil Club Annual Show; Van Matre Senior Center (Cooper Park); 1101 Spring Street; Sat 10-6, Sun 10-4; adults \$1, children (12 and under) free; minerals, fossils, beads, jewelry, games; contact Ed Hakesley, 821-1 Alexis Circle, Mountain Home, AR 72653, (870) 424-0956; email: edscamp3@yahoo.com

September 2012

8-9 SILOAM SPRINGS, AR: NW Arkansas Gem & Mineral Society Show & Sale; NWAGMS Clubhouse; Hwy 43 North; Sat 9-5, Sun 10-5; FREE; tailgate swap, auction, grab bags, assorted activities; contact Dave Leininger, 14029 White Oak Lane, Bentonville, AR 72712, (479) 263-1424; email: hulagrub@aol.com; Web: www.nwarockhounds.org

29-30 MESQUITE, TX: Dallas Gem & Mineral Society Annual Show; Mesquite Exhibition Hall; 1818 Rodeo Drive; Sat 10-6, Sun 10-5; adults \$8; dealers, gems, minerals, fossils, demonstrations, kids' mine, fluorescent display, geode cracking, gold panning; contact Darrell Harrison, 1808 Tisinger, Dallas, TX 75228; email: bravo1bravo@sbcglobal.net; Web: dallagemandmineral.org

29-30 MURFREESBORO, AR: Crater of Diamonds State Park Annual Show; Diamond Discovery Center; 209 State Park Road; Sat & Sun 9-4; 13 and up \$7, children (6-11) \$3, under 6 free; jewelry, rocks, fossils, minerals, gems, demos, free rock, mineral & gem ID, search for diamonds; contact Margi Jenks, Crater of Diamonds State Park, 209 State Park Road, Murfreesboro, AR 71958, (870) 285-3113; email: margaret.jenks@arkansas.gov; Web: www.craterofdiamondstatepark.com

October 2012

11-13 MOUNT IDA, AR: 26th Annual World Championship Quartz Crystal Digging Contest; Mount Ida Area CofC; Montgomery Cty Fairgrounds; Fairgrounds Road; Thu-Sat 9-3; adults \$75 (late fees apply); dig quartz crystals, keep all you find, meet other miners, maybe win a prize; contact Maureen Walther, Mount Ida Area CofC, Mount Ida, AR 71957, (870) 867-2723; email: director@mtidachamber.com; Web: www.mtidachamber.com

12-14 MOUNT IDA, AR: Mount Ida Area CofC Annual Show; Montgomery County Fairgrounds; Fairgrounds Road; Fri-Sat 9-5, Sun 9-4; FREE; dealers, minerals, jewelry, quartz crystals, quilts, crafts, Treasure Hunt; contact Maureen Walther, Mount Ida Area CofC, Mount Ida, AR 71957, (870) 867-2723; email: director@mtidachamber.com; Web: www.mtidachamber.com

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

FIRST CLASS MAIL



To:

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

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 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
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

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)

Program Presentation

"Chainmaille DIY". Terry Collier presenting a brief background on chainmaille along with a demonstration of the basic weaves better known as a Box weave. Terry always has wonderful chainmaille to show off and show us how its done.

Member of

South Central Federation of Mineral Societies

Affiliated with

American Federation of Mineral Societies