

# THE ROCK RATTLER

PUBLISHED MONTHLY BY

THE ARK-LA-TEX GEM AND MINERAL SOCIETY

VOLUME: 47

NO. 5



*Emerald- Birthstone of the month*

## Presidents Message - by Del Glasner

Rain, Rain, Rain, I'm starting to rust

From what I learned from David's program last month on Sphere making. ItSphere rough cuts required depends on the cutting method, slab saw, its 27 cuts and a full day in the saw. Core drilling, its 5 cuts and less than an hour....preform is better too. Core drills are expensive. I think I'll have to do without a crystal ball.

### NEXT MEETING:

May 7 - 5:45- 7:45 pm

**NEW Location** for meeting is **Bossier Historical Center**

**2206 Beckett St. Adjacent to Bossier Central Library**

**June meeting** will also be at the Bossier Historical Center

### Program - By Larry Maquire

"Dream Trip with Philip Stephenson to work his Claim"



Photo by Philip Stephenson

**Last meeting notes:** None available from secretary

**Field trip** - too wet

## Member Photos

Don Gednetz at the gun show



**Classroom/Shop:** Open for members most Saturdays 10-5

Check our facebook page to confirm

Class location 581 Rex Beard Rd. Haughton, La

## Shows

Via Rock and Gem Magazine

- **May 4-5—WACO, TEXAS:** Annual show; Waco Gem And Mineral Club; Extraco Events Center (General Exhibits Building), 4601 Bosque Blvd; Sat. 9-6, Sun. 10-5; \$5 for anyone over the age of 10, and \$1 for children 10 and under ;

59th annual show, vendors offering precious stones, geodes, crystals, fossils, rare minerals, jewelry, plus demonstrations and displays, and activities for children; contact Alison Redding, (254) 707-1341; Email: Alison.redding@ctxwifi.net; Website: <https://www.wacogemandmineral.org>

- **May 25-26—FORT WORTH, TEXAS:** Annual show; Fort Worth Gem and Mineral Club; Will Rogers Memorial Center, 3401 W. Lancaster; Sat. 10-6, Sun. 10-5; adults \$5, seniors, students, and military personnel \$4, and free admission for children 16 and under; dealers with gems, minerals, fossils, beads, fine jewelry, and crystals, auctions, and activities for children; contact Janice Craddock; Email: fwgmc.info@gmail.com; Website: [www.fortworthgemandmineralclub.org](http://www.fortworthgemandmineralclub.org)
- **June 29-30—GRAPEVINE, TEXAS:** Annual show; Arlington Gem and Mineral Club; Grapevine Convention Center, 1209 S. Main St.; Sat. 9-6, Sun. 10-5; Adults \$6, seniors and children over 12 \$5, free admission for children under 6, boy and girl scouts in uniform, and active and retired military with ID ; Vendors selling artisan and fine jewelry, gemstones, geodes, minerals, rough cut polished rocks, petrified wood, fossils, demonstrations, and activities for children; contact Amy Kubes, 1408 Gibbins Rd., Arlington, TX 76011, (817) 300-6946; Email: agmcadvertising@gmail.com; Website: [www.agemclub.org](http://www.agemclub.org)

#### Our own show

- **Aug 17-18 Bossier City, Louisiana:** 45<sup>th</sup> annual show, Ark-La-Tex Gem & Mineral Society, Bossier City Civic Center, Sat 9-6, sun 10-4. Adults \$4.00, Admission is free for Children under 6 & Students with I.D., Custom and unique Jewelry, Beads, Gems and Minerals, Fossils, Educational exhibits and Demonstrations/Speakers, Door prizes.
- For information, Call Del Glasner, Show Chairman, at (318) 517-7372 or email larockclub@gmail.com
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#### INFO Tips:

### Facebook Group -Lapidary Tips & Tricks

I read that the Tiger's Eye stone meaning gives us a basic lesson in economics – the more productive you are the more money you make. Tiger's Eye is a money stone because it gives you the motivation to make it happen. I need lots of Tiger stone!



Cooking Tiger eye:

Get a can and pack your tiger eye in the sand, the put in the oven and slowly bring the temperature up to about 550 F. Keep it cooking for about 3 hours, then turn off the oven and let it slowly come back to ambient. Do not open it, or

unpack the stones until it has fully cooled off unless you want a bunch of fractures. The sand helps prevent thermal shock. (Turkey Roaster might work well for this)

#### Other heat treatments:

Certain Gemstones improves or completely change its color by means to controlled " Heat treatment ". Some times its permanent like in the case of burnt amethyst to produce yellow , green and brownish red variety of Quartz another example can be brown and yellow Topaz from Brazil converted into Pink topaz or greenish Aquamarine to lovely tone of Blue .

In Brazil , sand bath of 500 C turns reddish brown topaz into lovely Pink topaz and it happens due to the presence of Chromium in the process. For Tourmaline , red and pink variety become colorless if heated up to 260 C where as numerous are stable up till 400 C .Some dark green tourmaline turns into lovely shade of emerald green if heated up to 700 C . Aquamarine changes from greenish tone into lovely blue when heated somewhere between 300 C to 500 C . for Ruby and sapphires , five main methods are used for heat treatment . sometimes 1600 C to 1900 C in reducing atmosphere and sometimes 800 C to 1900 C in Oxidizing Atmosphere . To give star effects in Ruby and sapphire , heat treatment is given at 1300 C to 1900 C for 1 to 14 days .

In Chalcedony varieties , heat treatment is seldom used, mostly Brownish Carnelian from India is heat treated to produce its trade mark color for centuries .Agates are mostly dyed, I never heard or read about heat treatment for agates .I will look forward to hear about Agates heat treatments .

Moissanite is a naturally occurring Silicon Carbide. Usually when you heat it during polishing Moissanite will turn yellow/ green. One of the indicators of what it is.

#### Websites that may be of Interest:

Large Diamond cutting with a laser:

<https://www.facebook.com/graff/videos/1162333523940339/>

Philip Stephenson

<http://rarerocksandgems.com/>

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**Send in photos of your craftwork or comments**

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