



Arkansas Rockhound News

Official Newsletter of the
Central Arkansas Gem, Mineral and Geology Society



May 2009

Next Meeting: May 26th, 2009, 6:30 PM - Terry Library

**Please call James to find out about the June field trip.
He should have something exciting planned.**

**2009 CAGMAGS Annual Show
October 3-4, 2009
More info to come!!**

2009 Meeting schedule

| | |
|------------------|---------------------|
| June 23 | September 22 |
| July 28 | October 27 |
| August 25 | November 24 |

CAGMAGS

The Arkansas Rockhound News is Published monthly by the **Central Arkansas Gem, Mineral, and Geology Society**
Colors: Blue and White

Website: www.centralarrockhound.org

Member of: American Federation of Mineralogical Societies
Midwest Federation of Mineralogical Societies

Time and Location of Meetings:

4th Tuesday of the month (January-November) 6:30 PM Terry Library, 2015 Napa Valley Drive, Little Rock, AR 72212,
(Non-smoking) **Visitors are always Welcome** **Membership** Dues \$15 Individual \$25 Family

Mission Statement:

The Central Arkansas Gem, Mineral and Geology Society is dedicated to promoting interest in mineralogy and the related sciences, interest in lapidary and the related arts; to encourage field trips and the enjoyment of collecting and preserving minerals as they occur in nature, and the study of geological formations, especially those of our Natural State of Arkansas. We are a small group of people that enjoy getting together to share our common interests.

2009 Officers:

President: Jim Schenebeck 501-223-3668 jsjimstone@yahoo.com

Vice President: Mike Austen steelpony@aol.com

Past President: David Murray 870-255-3679 davidmur99@hotmail.com

Secretary/Treasurer: Pat Kissire, 4900 Sparks Rd., Little Rock, AR 72210, 501-821-2346, pkissire@sbcglobal.net

Committees / Chairs Programs: TBA Library: Ann Austen Membership: TBA

Field Trips: James Burns 501-568-0315 Show Chair: TBA

Editor/Webmaster: Barbara & Phillip Nierstheimer phillspa@hotmail.com

President's Message Jim Schenebeck

Dear Rockhounds:

Well, for those of you who have not noticed it has been a Very, Very wet spring.

Not much is going on right now because of the high water but we should see that start to settle out soon. Last meeting went very well and the guest speaker was great. I hope we can have her back again sometime. Since James was not at the meeting we did not get to discuss any field trips but with the bad weather it probably would have been canceled anyway. We have a lot of trips and events planned this year so keep reading the newsletter or call any of our event chairmans to see if any of them get your interest.

As I said, not much going on right now but should be soon and I would like to say a special thanks to Mr. Phillip Nierstheimer for taking over the website and newsletter. Thanks, Phillip. Hope everyone has a nice summer, take care, and hope to see you at the meetings.

Jim Schenebeck



May Birthstone: Emerald

Emeralds are a variety of the mineral beryl ($\text{Be}_3\text{Al}_2(\text{SiO}_3)_6$), colored green by trace amounts of chromium and sometimes vanadium. Beryl has a hardness of 7.5 - 8 on the 10 point Mohs scale of mineral hardness. Most emeralds are highly included, so their brittleness (resistance to breakage) is classified as generally poor. The word "emerald" comes from Latin *smaragdus*, via Greek *smaragdus*, its original source being a Semitic word *izmargad* or the Sanskrit word, *marakata*, meaning "emerald" or "green". Properties: Crystal system Hexagonal, Cleavage Poor Basal Cleavage (Seldom Visible), Fracture Conchoidal, Mohs Scale hardness 7.5 - 8.0, Luster Vitreous, Refractive index 1.576 - 1, Streak White, Specific gravity 2.70 - 2.78

Central Arkansas Gem, Mineral and Geology Society Minutes for April 21, 2009

President Jim Schenebeck called the meeting to order. There were 27 members and one visitor, Randy Thurman present. The minutes and treasurer's report were approved as posted.

Ann Austen is our new librarian and will make an inventory for us of the books we have.

There was no field trip report since the April Trip was the Burns Park Club Swap. An estimated 25 attended. Between the donated items for the auction and the leftover items from the lunch, the club cost was covered except for \$40.93. Thanks to the Committee for a fun day (with no rain), the Nierstheimer's for cooking the lunch, Weldon Kissire and Dave Murray for a good auction and all the members who brought things to sell and swap. Barbara Nierstheimer received the 1st annual Burns Park Rock.

Our new webmaster and newsletter editors are Phillip and Barbara Nierstheimer. Everyone needs to send their news and articles to them.

Several of our members were reported to be on the sick list – Helen Pennington, Sophie Brents and Mark Cato. We were saddened to hear that Clement Mason who used to be a member has recently died.

The meeting was adjourned.

Best of raffle went to Barbara Nierstheimer – Stilbite, and Angelee Peeler – a polished wooden box with a geode lid.

The program was a very interesting presentation by Angela Chandler for the Arkansas Geological Survey. She gave a detailed description of the Ozark Plateau Region. She has been involved in the mapping and process by which Arkansas will eventually have digital maps giving GPS and topographical information. Thanks Angela, you made us much more aware of the effort needed to get good maps.

Respectfully submitted.

Pat Kissire, Sec/Tres.



MINERAL of the Month: Apatite

System: Hexagonal, Color: Colorless to white, Lustre: Vitreous, Hardness: 5 Name: From the Greek "Apatao" = "I am misleading" (apatite is often confused with other minerals, for instance beryl, milarite) and the "FLUOR-" prefix in allusion to the dominance of fluorine in the composition.

Apatite-(CaF) occurs in almost all igneous rocks, during initial phases of paragenesis, as an accessory mineral, commonly in microscopic crystals, and may occur as very large bodies as late-magmatic segregations in alkaline igneous rocks. Also occurs crystallized in pegmatitic facies of acidic and basic types of igneous rocks. Common in magnetite deposits, and in hydrothermal veins, particularly those formed at high temperatures, and in Alpine cleft-type veins.

Club T-shirts

They are a Royal Blue with a large Club logo and the established club date.

Sizes are Medium, Large, X-Large, and XX-Large Price is \$8 each.

Contact George-916-221-1568

Dave and Lenora Murray are now OFFICIAL Arkansas dealers for the GEM SCOOP . (Now known as the TREASURE SCOOP)

We have the old standby 36" and a new 42" scoop. Both will be available at the rock show in October, along with great rock hammers. Or, call us , and we can bring yours to the club meeting.

That's **D.L.M. Gem 'N' STEM** at 870-255-3679.

In November 2006 John, Obe, and Aaron Willix acquired the Rock & Mineral collection created by Hughey Howard Killough. Over 5000 rocks (moss agates, fossils, copper ore, petrified wood, chalcedony, plume agates, thunder eggs, rose quartz, wulfenite, halite, amethyst, quartz, jade, tiger eye, etc.), four agate windows, a large Brazilian agate, a large Arkansas quartz crystal, 7 large antique oak display cabinets, one ring cabinet, over 156 pieces of jewelry, lamps, stands and various other misc. items.

Presently the collection is on display in Magnet Cove, Arkansas and can be seen by appointment. Anyone with an interest in rocks and minerals is welcome. Just call or email **John** 501-351-0049 or jwillix@newcopiers.net, **Obe** 501-804-2331, or **Aaron** 501- 337-0511. The best times for us are Wednesdays all day or Saturday after 1 PM. Please feel free to visit us. We would like to share the collection with everyone. Prices anywhere from give away to trade to \$1 to \$2500. We are open minded and just having fun.



2009 Show Dates**MAY 2009:**

15-17--SARASOTA, FLORIDA: 191st show; Frank Cox Productions; Municipal Auditorium, 801 N. Tamiami Tr. (Hwy. 41); Fri. 10-5, Sat. 10-5, Sun. 10-5; gems, jewelry, beads; contact Frank Cox Productions, 755 S. Palm Ave., #203, Sarasota, FL 34236, (941) 954-0202; e-mail: frankcox@comcast.net; Web site: www.frankcoxproductions.com

16-17--LUBBOCK, TEXAS: 51st show; Lubbock Gem & Mineral Society; Lubbock Civic Center, 1501 Mac Davis Ln.; Sat. 10-6, Sun. 10-5; displays, dealers, demonstrations, silent auction, special exhibit "The Rock Food Table"; contact Archie Scott, (806) 894-1584; e-mail: asscott3@windstream.net

23-24--FORT WORTH, TEXAS: Show, "Jumpin' for Geodes"; Fort Worth Gem & Mineral Club; Will Rogers Memorial Center, 3401 W. Lancaster; Sat. 9-6, Sun. 10-5; adults \$5, seniors \$4, children 12 and under free; jewelry, gems, beads, minerals, fossils, more than 25 dealers, demonstrations, displays, silent auction, kids' Wheel of Chance and rock/fossil dig, door prizes; contact Steve Hilliard, P.O. Box 418, Decatur, TX 76234, (817) 925-5760; e-mail: fwgmc@embarqmail.com; Web site: www.fortworthgemandmineralclub.com

23-24--WHEATON, ILLINOIS: Show; Chicagoland Gems & Minerals Association; Dupage County Fairgrounds, 2015 W. Manchester Rd.; Sat. 10-6, Sun. 10-5; adults \$5, seniors and students \$3, children under 13 free; dealers, beads, books, cabochons, equipment, findings, fossils, gemstones, handcrafted jewelry, minerals, supplies, tools, demonstrations (faceting, fossil preparation, gem trees, glass fusing, jewelry making, micro mounts, scrimshaw, silver, opal cutting, wire wrapping), exhibits, silent auctions, door prizes, children's activities; contact Rich Dillon, P.O. Box 360, Wasco, IL 60183, (630) 377-0197; e-mail: cgma@sbcglobal.net; Web site: www.chicagolandgemshow.org

25-26--MEMPHIS, TENNESSEE: Show, "Memphis Mineral, Fossil, Jewelry Show"; Memphis Archaeological & Geological Society; Memphis International Agricenter, Expo Center, West Pavilion and A-wing, 7777 Walnut Grove Rd.; Sat. 9-6, Sun. 10-5; dealers, exhibits, kids' area; adults \$5, children 12 and under \$2, Scouts free; contact W.C. McDaniel, (901) 274-7706; e-mail: info@theearthwideopen.com; Web site: www.TheEarthWideOpen.com

30-31--COLUMBUS, OHIO: 35th annual show, "Central Ohio Mineral, Fossil, Gem & Jewelry Show"; Columbus Rock & Mineral Society; Veterans Memorial, 300 W. Broad St.; Sat. 10-6, Sun. 11-5; adults \$7 (2-day pass \$12), seniors \$6 off, children 6-16 \$3, under 6 and Scouts and 4-H members in uniform free; speakers, demonstrations, ID booth, swap area, silent auction, educational exhibits, children's games, gold panning, 28 dealers, free children's specimens; contact Ken Harsh, 297 E. Selby Blvd., Worthington, OH 43085, (614) 433-9778; e-mail: karmakenha@aol.com

JUNE 2009:

5-7--TULSA, OKLAHOMA: Show; Gem Faire Inc.; Expo Square/Exchange Center 1, 4145 E. 21st St.; Fri. 12-7, Sat. 10-7, Sun. 10-5; \$5 weekend pass; contact Yooy Nelson, (503) 252-8300; e-mail: info@gemfaire.com; Web site: www.gemfaire.com

5-7--WAUSEON, OHIO: Show, "Rocks: Their Myths and Legends"; State Line Gem & Mineral Society; Fulton County Fairgrounds, Junior Fair Bldg., 8514 SR 108; Fri. 12-7, Sat. 10-7, Sun. 11-4; free admission; dealers, displays, demonstrations, silent auctions, children's activities, classes in mine safety, soapstone carving, beaded jewelry; contact Doris Brzezicki, 419 N. Broad St., Adrian, MI 49221, (517) 263-1669; e-mail: rychard@tc3net.com; Web site: www.angelfire.com/mac/rock-club/

6-7--BIRMINGHAM, ALABAMA: 36th annual show; Alabama Mineral & Lapidary Society; Tannehill Ironworks Historical State Park; Sat. 9-5, Sun. 9-5; contact J.B. Blackerby, 155 Hwy. 69, Chelsa, AL 35043, (205) 678-6564; black2200@aol.com

12-14--PARK HILLS, MISSOURI: 12th annual swap and sale; Mineral Area Gem & Mineral Society, Greater St. Louis Association of Earth Science Club; Missouri Mines State Historic Site, Hwy. 32; Fri. 9-6, Sat. 9-6, Sun. 9-5; free admission; rocks, minerals, fossils, lapidary; contact Lloyd E. Marler, (573) 431-2951, or Missouri Mines State Historic Site, P.O. Box 492, Park Hills, MO 63601, (573) 431-6226