



EL PASO MINERAL AND GEM SOCIETY, Inc.

P.O. Box 31516, El Paso TX 79931

FOUNDED – 1947

Membership Dues are due and payable as of December of each year. Dues are \$12.00 for Adults (18 and Over) and \$4.00 for Juniors. Make check out to EPMGS and mail to PO Box 31516 El Paso TX 79931. Delinquency of over 90 days will result in being removed from the Membership Roster.

Meetings will be held on the 4th Thursday of every month at The Memorial Senior Center, 1800 Byron, El Paso TX at 6:30 PM. Board Meetings will usually be held a half hour prior to the general meeting. The meeting in July is our yearly picnic – the date to be announced.

2010 CLUB OFFICERS

President	Tom Smith	(915)356-8653	Programs	Lorraine Johnson	(915)751-4527
Vice President	Matt Durning	(575)382-4301	3 Year Trustee	Miguel Chrisman	(915)740-0301
Treasurer	Linda Durning	(575)382-4301	2 Year Trustee	Matt Durning	(575)382-4301
Secretary	Marie Murphy	(915)471-1071	1 Year Trustee	Randy Herd	(915)821-7818
Historian	Marty Gaugler	(915)859-6634	Show Chair	Harry Bruntz	(915)345-2415
Editor	Charlie Christensen	(575)640-1203	Assist. Show Chair	Jeanette Carrillo	(915)533-7153
Field Trips	Matt Durning	(575)382-4301	Webmaster	Matt Durning	(575)382-4301
Membership	Charlie Christensen	(575)640-1203	Hostess/Host	Judy/Randy Herd	(915)821-7818

THE VOICE

The Voice is the official bulletin of the Society and is published monthly. All articles must be in the editor’s possession no later than the Monday following the monthly meeting. Any articles received after that will not be published until the following month. Please note Charlie Christensen’s e-mail address: charlieenos@msn.com and mailing address: 4808 Campbell Road, Las Cruces NM 88007. Members are encouraged to submit articles for publication. Permission is granted to reprint material from other sources provided that credit is properly cited. Ads are accepted from members for publication at no charge for the sale or exchange of items pertaining to the hobby. **WEBSITE: www.epmgs.com**. Any information you would like to see on this website contact Matt Durning at madtex@q.com or call (575)382-4301.

The El Paso Mineral and Gem Society, Inc. is a non-profit organization. The purpose of this Society shall be to increase and disseminate knowledge about minerals and other geologic materials; to encourage mineral study, collecting and fashioning as a hobby; to conduct meeting, lectures, displays, field trips, and to sponsor shows for the general edification of the public.

GENERAL MEETING

The next General Meeting will be 28 October 2010 at **6:30 PM**. This is an **EATIN’ MEETIN’**. Bring one of your favorite dishes and let’s have some fun eatin’ and swapping rock stories. If you’d like bring the recipe so we can publish it in The Voice.

SCHOOL BOARD MEETINGS

The School Board Meeting information is posted under School Information and Class Enrollment.

ADDRESS CHANGES

NOTE: Anyone who has a change in mailing address, phone number, etc please send e-mail to Charlie Christensen at charlieenos@msn.com, or mail to: EPMGS Membership, PO Box 31516, El Paso TX 79931. Thank you.

THE VOICE

VOLUME LXII NUMBER 1 OCT 2010



BIRTHDAYS & ANNIVERSARIES

For those of you who are celebrating one or both of these occasions in the month of October Happy Birthday and/or Happy Anniversary.

BIRTHSTONE FOR OCTOBER - OPAL

The Opal derives its name from the Latin word "opalus," meaning precious jewel. Prized for its unique ability to refract and reflect specific wavelengths of light, the Opal was called "Cupid Paederos" by the Romans, meaning a child beautiful as love. One legendary explanation for this gemstone's origin is that it fell from heaven in a flash of fiery lightning. Ancient monarchs treasured Opals, both for their beauty and for their presumed protective powers. They were set into crowns and worn in necklaces to ward off evil and to protect the eyesight. These gemstones were also ground and ingested for their healing properties and to ward off nightmares.

Information above from <http://www.aboutbirthstones.com/octoberbirthstone.html>

Information below: <http://geology.com/gemstones/opal/boulder-opal.shtml>
Check out this website for more information on opals.

"Light opal" and "white opal" are terms used for opal material that has a white, yellow or cream

body color. This is the most common body color for precious opal.

"Fire Opal" is a term used for opal material that does not display a "play of colors". Instead, it has a bright color throughout the stone. Fire opal is often transparent to translucent. These stones can be cut en cabochon or faceted. The transparent stones are most often faceted and the translucent stones most often cut into cabs.

"Crystal opal" is a term used for a transparent to translucent opal material that has a play of color within the stone.

"Black opal" is a term used for opal that has a dark body color - often black or dark gray. The term is also used for opal that has a dark blue or dark green body color. The dark body color often makes the fire of black opal more obvious. This contrast of fire color to body color makes black opals very desirable and sold for high prices

"Boulder opal" is a term used for a rough or a cut gemstone that displays opal within its surrounding rock matrix. Opal often forms within voids or fractures in its host rock and specimens of boulder opal reveal this aspect of opal's origin. The contrast of color can be striking when a bright flash of opal is seen within the surrounding rock material.

Source: *WGMS Quarry Quips Oct 2009*

(Sept. 24 - Oct. 23)



Libra
Venus

(Oct. 24 - Nov. 22)



Scorpio
Pluto



GENERAL MEETING

The regular meeting of the El Paso Mineral and Gem Society was called to order at 6:35 pm, 23 Sep 2010, by President Tom Smith.

The Treasurers report was given by Linda Durning.

Matt Durning gave the field trip report. Saturday the 9th of October we will meet at the gas station just south of Orogrande to gather garnet, pyrite, hematite, bomite and turquoise at Orogrande. Driving up to the Iron Queen Mine will be possible for those with 4- wheelers.

The school is going well says Redgie and Peggy. They are still working on their wish list. The PMC class is on hold at present, they need a kiln.

The show is sold out. Some of the old dealers have been replaced by new. An Indian from the Reservation, and Johnson Brothers are among those new reports Harry Bruntz.

There was no more old business or new so we adjourned for snacks and the semi-annual rock auction. We adjourned for the night at 8:20
Marie Murphy
Secretary EPMG

HINTS, TIPS, AND STUFF

EDITORS NOTES: The source of these tips, hints, and stuff are other club bulletins and other sources. Be careful when trying out any new idea. They have not been tried by this editor.

THE FOLLOWING MESSAGES ARE FROM V.PRESIDENT MATT DURNING

Club Notes

Hey every one the **El Paso Mineral and Gem Show** is just around the corner in December! Our Show Committee is doing a great job and all the available tables are booked. Our three day show is a first class production but it takes **OUR** help.

We need volunteers to sign up and show up for the following events:
Set up and break down
Front door ticket sales
Geode cutting

Silent Auction
Pampered rock hound
Membership
Vender dinner

Please contact **Harry Bruntz** at 345-2415 or **Jeannette Carrillo** at 533-7153 to sign up. There will be sign up sheets at the next two meetings also. For the Vendor Dinner contact Judy Herd at 821-7818.

We need our members to start to bring **Silent Auction items** to the next two meetings or to contact a board member to give them to. These items can be rock or mineral specimens, display items, jewelry pieces, tumbled stone, etc. The money we raise is used to defray the cost of the show and operating expenses.

ELECTIONS

It's that time again folks. The executive board of director's positions will be open for nominations soon. We will be asking individuals to step up and help steer the club by accepting positions on the board. Members who would like to serve contact **Tom Smith at 356-8653**.

The positions coming open will be President, Vice President, Treasurer, Secy., Editor, Membership, and Field Trip Coordinator. The School President will also become open for appointment by the new club President.

A REMINDER FROM PRESIDENT TOM SMITH:

AFMS CODE OF ETHICS

- I will respect both private and public property and will do no collecting on privately owned land without the owner's permission.
- I will to the best of my ability, ascertain the boundary lines of property on which I plan to collect.
- I will use no firearms or blasting material in collecting areas.

- I will cause no willful damage to property of any kind – fences, signs, buildings.
- I will leave all gates as found.
- I will build fires in designated or safe places only and will be certain they are completely extinguished before leaving the area.
- I will discard no burning material – matches, cigarettes, etc.
- I will fill all excavation holes which may be dangerous to livestock.
- I will not contaminate wells, creeks, or other water supply.
- I will cause no willful damage to collecting material and will take home only what I can reasonably use.
- I will practice conservation and undertake to utilize fully and well the materials I have collected and will recycle my surplus for the pleasure and benefit of others.
- I will support the rockhound project H.E.L.P. (Help Eliminate Litter Please) and will leave all collecting areas devoid of litter, regardless of how found.
- I will cooperate with field trip leaders and those in designated authority in all collecting areas.
- I will report to my club or Federation Officers, Bureau of Land Management or other authorities, any deposit of petrified wood or other materials on public lands which should be protected for the enjoyment of future generations for public educational and scientific purposes.
- I will appreciate and protect our heritage of natural resources.
- I will observe the “Golden Rule”, will use “Good Outdoor Manners” and will at all times conduct myself in a manner which will add to the stature and Public “image” of rockhounds everywhere.

FREE ONLINE GEMOLOGY COURSE

By Tom Odonnell

Barbara Smigel, PhD, Graduate Gemologist, Gemology Institute of America, teaches a Gemology Course for the Community College of

Southern Nevada where she is an emeritus faculty member. Barbara offers a free online gemology course at: <http://www.bwsmigel.info> as part of a geology course that she offers at the college. She also is the owner and webmaster of <http://www.acstones.com> – a website offering beautiful and often unusually cut gemstones. Barbara writes: “If studying for tests isn’t your idea of fun, you can participate to whatever extent you like by visiting my Free Gemology Course website. No credits, no grades, no deadlines, just free information.” If you wish to learn more about gemstones, then please take her course, but by all means go to her website and check out the beautiful gems. *Source: Rolling Stones Beacon 1/2006 via Rock Chips Apr 2006*

More information from another club –

You do not have to register to use the materials contained on this site, however you can opt to register and take the full course for college credit. Web lectures include the following lessons:

Lesson 1	Basic Terms
Lesson 2	Naming and Measuring Gems
Lesson 3	Physical Properties of Gems
Lesson 4	Optical Properties of Gems
Lesson 5	Magnification and What it Reveals
Lesson 6	Optical Phenomena in Gemstones
Lesson 7	Gem Fashioning
Lesson 8	Gem Enhancement
Lesson 9	Synthetics and Simulants
Lesson 10	Gem Formation

Also included on the site are Web Essays that are one topic, pictorial essays with information on specific rocks and minerals. You can follow a link to “Ask a Teacher” specific questions and actually receive an answer in response. Also has audio pronunciation guide, A-Z Survey of Gemstones downloadable as a powerpoint presentation and suggested textbooks and reading assignments if interested in learning more. *Source: Stoney Statements May 2009 via Glacial Drifter, Vol. 53, No. 2, Feb 2010*

Question: I have heard that placing silver jewelry in a plastic bag with a piece of chalk will keep it from tarnishing. Have you had the same experience? -Doris in Fair Lawn, New Jersey

Answer: Adding a small piece of chalk to a sealed bag with a sterling silver jewelry piece inside **does work** to prevent tarnish. The chalk will attract any moisture as well as most chemical residues that cause tarnish to occur. If you prefer not to worry about the chalk touching the jewelry, wrap it in a small piece of cheesecloth. This will work for jewelry as well as for flatware, tea sets, etc.

Answer contributed by Dale "Cougar" Armstrong

Source: e-mail message from a friend and the Editor has read this in Jewelry Making Magazines

Note from Charlie: I have read in some Jewelry making Magazines that the above will also work for the storing of your Sterling Silver material.

THE ROCK AUCTION

By Charlie

We had some awesome rocks show up at the September Rock Auction. We had some excellent rough of Big Diggin's, Luna Gold Agate, Luna Blue Agate, Marfa Agate, Petrified Wood, Red Jasper, Dino Bone, Alabaster, Mozarkite, and last but not least Morado Opal (from Mexico). There were some slabs of petrified wood, jaspers, agate, unakite, tigers eye, plume agate, etc. Jim Enos brought a piece of Willemite which was the subject of August's program (Minerals of New Jersey) for the auction. He also brought along his Black Light to show off the fluorescence of the Willemite and also showed that several other pieces of rock up for auction were fluorescent. All in all it was a great evening. We had a good turnout of members who wanted to buy rocks and we had a good turn out of rocks that needed new homes. Below is an article about Cinnabar. I have included this article because of the Morado Opal. The purple in Morado Opal is Cinnabar. I learned this from Jeannette Carrillo. I've seen this stone before and have even bought a couple small pieces of it but never knew what caused the purple. It's a beautiful stone and I can't wait for Jim to polish a cab for me to put into some jewelry. I have also included

below articles about Cinnabar, Mozarkite and Unakite. Hope to see you all at our next Rock Auction – the more the merrier – which will be 24 March 2011.

CINNABAR

Cinnabar is mercury sulfide. Nearly all the mercury in the world is obtained from Cinnabar. It can be found in massive or granular aggregates, occasionally forming crystals. It is generally found in veins near recent volcanic rock and is associated with gold, pyrite, marcasite, calcite, barite, fluorite, gypsum, opal or quartz. It is sometimes formed as a deposit from hot springs. Cinnabar crystals have been mined for at least 2,000 years at Almaden in Spain. Cinnabar is found in many locations around the world including Hungary, Bolivia, Serbia, Austria and China. In the US it is found in California, Texas, Nevada, Oregon and Utah. The name is derived from the Persian zinjirgrah, and Arabic zinjafr which mean dragon's blood. Powdered cinnabar has been used as the pigment vermilion since ancient times and was prized by the Olmecs of Ancient Mexico. Cinnabar was used as a decorative element in Mayan royal burial chambers. Its most popular known use, however, was in Chinese lacquer ware, a technique which originated in the Song Dynasty. Prior to the realization that mercury is toxic it was used medicinally ~ as a drug of immortality. Recommended by the Swiss physician Paracelsus, who lived from 1493 to 1541 it was both rubbed on the skin and taken internally. It was widely used in Europe, China and India. It has been used for over 2000 years as a sedative in combination with traditional Chinese medicine. Liquid mercury, or quicksilver, is produced by roasting crushed cinnabar in rotary furnaces. The pure mercury separates from sulfur in this process and evaporates. A condensing column is used to collect the liquid metal. Liquid mercury is sometimes found naturally (in small amounts) in cinnabar deposits. In more recent times mercury has been used in the mining industry to dissolve metals and form compounds called amalgams. In the refining process the amalgam is boiled away to recover the metal it dissolved. This process was used in the

19th and early 20th century in gold mining. It is responsible for much of the mercury poisoning in old mining areas. Mercury is a neurotoxin that causes nervousness, trembling, personality changes and in extreme cases, dementia. The term mercurial, meaning rapid, extreme mood changes, may have come from observing people with mercury poisoning.

Sources:

Rock and Gem, Ronald Louis Bonewitz, p. 133

http://nevada-outback-gems.com/mineral_information/cinnabar_mineral_info.htm

<http://www.ncbi.nlm.nih.gov/pubmed/17707451>

<http://www.mii.org/Minerals/photomercury.html>

<http://en.wikipedia.org/wiki/Cinnabar>

Photos from <http://en.wikipedia.org/wiki/Cinnabar>

Source: *WGMS Quarry Quips Feb 2010*

MOZARKITE

A myriad of visions appear to anyone hearing the word “Ozarks” — mountain folk; rough, hilly country; cool, bubbling springs; clear-flowing streams; float fishing for the wily bass; caves lined with stalactites and stalagmites; and — to rock and mineral collectors, hobbyists, and lapidaries — a place to hunt for MOZARKITE. The name MOZARKITE is a contraction of “Mo” (Missouri), “zark” (Ozarks) and “ite” (meaning rock).

Mozarkite is a form of chert (flint) consisting essentially of silica (SiO₂) with varying amounts of chalcedony (milky or grayish quartz). Mozarkite has won distinction as a particular form or variety of chert because of its unique variation of colors and its ability to take a high polish. Typically, the colors are different hues of red, pink and purple with varying tints of green, gray and brown. It is admired by lapidarists throughout the nation.

Interest in collecting mozarkite in Missouri started in the early 1950s, in Benton County. The majority of occurrences are in west central Missouri, south of the Missouri River and west of the Lake of the Ozarks. Mozarkite occurs in the Cotter Dolomite of Ordovician age, which means it is some 450 million years old. It is found in residual boulders in the soil on hill slopes, along ditches and in road cuts where the boulders are exposed in the soil formed by weathering of the Cotter Dolomite. In 1967, the 74th Missouri General Assembly

designated the colorful Mozarkite as the official state rock.

Source: <http://www.dnr.mo.gov/pubs/pub653.pdf> Missouri Department of Natural Resources

UNAKITE

First discovered in the [United States](#) in the [Unakas mountains](#) of [North Carolina](#), unakite is an altered [granite](#) composed of pink [orthoclase feldspar](#), green [epidote](#), and generally colorless [quartz](#). It exists in various shades of green and pink and is usually mottled in appearance. In good quality unakite is considered a [semiprecious stone](#), will take a good polish and is often used in [jewelry](#) and other [lapidary](#) work such as eggs, spheres and other carvings like animals. It is also referred to as epidotized granite. In some of the Blue Ridge occurrences an epidotized augen [gneiss](#) is present exhibiting [foliation](#) structures. Unakite can be found as pebbles and cobbles from [glacial drift](#) in the beach rock on the shores of [Lake Superior](#). It occurs in [Virginia](#) where it is found in the river valleys after having been washed down from the [Blue Ridge Mountains](#). Unakite is not limited to the United States, and is reported from [South Africa](#), [Sierra Leone](#), [Brazil](#), and [China](#) as well as the United States. Some material labeled unakite lacks the quartz and is more properly [epidosite](#).

Source: *Wikipedia* <http://en.wikipedia.org/wiki/Unakite>



FIELD TRIPS

Note from Your Field Trip Coordinator: Any and all Clubs and their members are cordially invited to join us on any of our Field Trips. If you need more information call Matt at (575)382-4301 or (915)491-3244 or e-mail madtex@q.com.

The next field trip will be to Oro Grande, NM situated just south of Alamogordo. We will be looking for garnet, pyrite, bornite, turquoise and

Friday Beading

Held from 9 AM to 12 Noon.
Fee \$3.00. Bring your own materials.

NOTE: ADVANCED WORKSHOP IS FOR ADVANCED STUDENTS. THERE WILL BE NO MATERIAL SALES DURING THIS WORKSHOP. YOU MUST BRING YOUR OWN MATERIALS.

The shop at the Memorial Senior Center is open for anyone's use on Friday's from 9 AM to 12 Noon. The shop fee for every session is \$3.00 to be paid to the instructor in charge of the Workshop.

SHOW DATES

OCTOBER 2010:

2-3--GREELEY, COLORADO: Show; Rock & Mineral Society of Weld County; Greeley Senior Center, 1010 6th St.; Sat. 10-6, Sun. 10-3; free admission; jewelry, door prizes, gems, minerals, fossils, raffle, demonstrations, rough and polished rocks; contact Melanie DeHart, (970) 352-8149; e-mail: hamlethouse@yahoo.com

2-3--JACKSONVILLE, ARKANSAS: Show; Central Arkansas Gem, Mineral & Geology Society; Jacksonville Community Center, 5 Municipal Dr.; Sat. 9-5, Sun. 9-5; free admission; more than 100 tables, more than 20 dealers, demonstrations, exhibits, door prizes, kids' dig, mineral identification; contact Pat Kissire, 4900 Sparks Rd., Little Rock, AR 72210, (501) 821-2346; e-mail: pkissire@sbcglobal.net; Web site: www.centralarrockhound.org

2-3--OMAHA, NEBRASKA: 55th annual show; Nebraska Mineral & Gem Club; Westside Community Center, 108th and Grover St.; Sat. 9-6, Sun. 10-5; contact Tim Kutsch, (402) 397-9606; Web site: www.nerockgem.us

2-3--WALNUT CREEK, CALIFORNIA: Show, "Contra Costa Crystal Fair"; Pacific Crystal Guild; Civic Park Community Center, 1375 Civic Dr.; Sat. 10-6, Sun. 10-4; adults \$6, ages 12 and under free; 30 dealers, minerals, gems, crystals, beads, metaphysical healing tools; contact Jerry Tomlinson, P.O. Box 1371, Sausalito, CA 94966, (415) 383-7837; e-mail: jerry@crystalfair.com; Web site: www.crystalfair.com

7-9--MOUNT IDA, ARKANSAS: Show, "Quartz, Quiltz and Craftz Festival"; Mount Ida Area Chamber of Commerce; Montgomery County Fairgrounds, Fairgrounds Rd.; Fri. 9-5, Sat. 9-5, Sun. 10-4; free admission; dealers, minerals, jewelry, quartz crystals, kids' crystal digging contest; contact Maureen Walther, Mount Ida Area Chamber of Commerce, Mount Ida, AR 71957, (870) 867-2723; e-mail: director@mtidachamber.com; Web site: www.mtidachamber.com

7-9--MOUNT IDA, ARKANSAS: 22nd Annual World's Championship Quartz Crystal Digging Contest; Mount Ida Area Chamber of Commerce; Montgomery County Fairgrounds, Fairgrounds Rd.; Thu. 9-3, Fri. 9-3, Sat. 9-3; adults \$80 (\$95 late registration); meet other miners, keep all you find, maybe even win a prize; contact Maureen Walther, Mount Ida Area Chamber of Commerce, Mount Ida, AR 71957, (870) 867-2723; e-mail: director@mountidachamber.com; Web site: www.mountidachamber.com

8-10--BIG SUR, CALIFORNIA: 19th annual show, "Big Sur Jade Festival"; South Coast Community Land Trust, Pacific Valley School PTO; Pacific Valley School, Hwy. One, opposite Sand Dollar Beach in Los Padres National Forest; Fri. 12-6, Sat. 10-5, Sun. 10-5; free admission; jade, jewelry, sculpture, raffle; contact Kirk Brock, (831) 659-3857 or 831-402-1143; Web site: www.bigsurjadefestival.com

8-10--MOAB, UTAH: 51st annual show; Moab Points & Pebbles Rock Club; Old Spanish Trail Arena, 5 miles south of Moab on Hwy. 191; Fri. 10-7, Sat. 10-7, Sun. 10-4; free admission; vendors, demonstrations, spin wheel, displays, door prizes, field trips; contact Jerry Hansen, P.O. Box 1459, Moab, UT 84532; e-mail: moabrockclub@live.com

8-10--PLEASANTON, CALIFORNIA: Show, "Gem Faire"; Gem Faire Inc.; Alameda County Fairgrounds, 4501 Pleasanton Ave.; Fri. 12-7, Sat. 10-6, Sun. 10-5; weekend pass \$5; contact Yooy Nelson, (503) 252-8300; e-mail: info@gemfaire.com; Web site: www.gemfaire.com

8-10--SACRAMENTO, CALIFORNIA: Show, "Gem Faire"; Scottish Rite Center, 6151 H St.; Fri. 12-7, Sat. 10-6, Sun. 10-5; weekend pass \$5; contact Yooy Nelson, (503) 252-8300; e-mail: info@gemfaire.com; Web site: www.gemfaire.com

9-10--FORT WORTH, TEXAS: Show and sale, "LMRA Rockfest Fort Worth"; Lockheed Martin Recreation Assn.; LMRA Trinity River Park, 3400 Bryant Irvin Rd.; Sat. 10-5, Sun. 10-5; free admission; rocks, flint, gems, minerals; contact Steve Shearin, 860 Stafford Station Dr., Saginaw, TX 76131, (817) 777-1997; e-mail: steve.l.shearin@lmco.com; Web site: www.facebook.com/profile.php?id=100001244652268&v=app_2309869772#!/group.php?gid=132202050142082

9-10--PAYSON, ARIZONA: 13th annual show; Payson Rimstones Rock Club; Mazatzal Hotel & Casino Event Center, Tonto Apache Reservation; adults \$3, children under 12 free; gems, minerals, fossils, lapidary equipment, children's (and adults') education center, spinning wheel, silent auction; contact Barry or Margaret Jones, (928) 476-3513 or (928) 970-0857

9-10--SIERRA VISTA, ARIZONA: 36th annual show; Huachuca Mineral & Gem Club; Elks Lodge, Wilcox Ave.; Sat. 9-6, Sun. 9-4; free admission; live demonstrations, educational displays, dealers, jewelry, gems, fossils, equipment, lapidary supplies; contact Maudie Bailey, P.O. Box 1596, Sierra Vista, AZ 85636, (520) 378-6291; e-mail: gmbailey@msn.com

9-10--TOPEKA, KANSAS: 54th annual show; Topeka Gem & Mineral Society; Kansas Expo Centre AG Hall, 17th and Topeka Blvd.; Sat. 10-6, Sun. 10-5; adults \$4, students (13-17) \$1; children under 13 free; special displays, 4-H displays, dealers, lapidary equipment and supplies, rock, jewelry, beads, supplies, demonstrators; contact Millie Mowry, 1934 SW 30th St., Topeka, KS 66611, (785) 267-2849; e-mail: Rock2Plate@aol.com

15-17--VICTORIA, TEXAS: Show; Victoria Gem & Mineral Society; Victoria Community Center, 2905 E. North St.; Fri. 9-6, Sat. 10-6, Sun. 10-5; adults \$4; contact Patty Shay, 306 W. Houston, Refugio, TX 78377, (361) 526-2936; e-mail: pshay4@yahoo.com; Web site: www.victoriagemandmineral.com

16-17--CAYUCOS, CALIFORNIA: 9th annual fall show; San Luis Obispo Gem & Mineral Club; Cayucos Vets Hall, 10 Cayucos Dr., next to Cayucos Pier; Sat. 9-5, Sun. 9-5; free admission; rocks, gems, mineral, fossils, crystals, meteorites, beads, slabs, carvings, lapidary equipment, door prizes, drawing; contact Mike Lyons, 7343 El Camino Real #301, Atascadero, CA 93422; (805) 610-0757; e-mail: jadestar@charter.net; Web site: http://slogem.org

16-17--DES MOINES, IOWA: Annual show; Des Moines Lapidary Society; Paul R. Knapp Animal Learning Center, Iowa State Fairgrounds; Sat. 10-5, Sun. 10-4; adults \$5, children 12 and under free; minerals, fossils, gems, crystals, jewelry, books, tools, equipment, lapidary supplies, silent auction, demonstrations, displays, door prizes, children's activities; contact Steven Cunningham, 6752 SE 32nd Ave., Pleasant Hill, IA 50327, (515) 262-4578; e-mail: steverv@mchsi.com

16-17--SANTA ROSA, CALIFORNIA: 34th annual show; Santa Rosa Mineral & Gem Society; Sonoma County Veterans Memorial Bldg., 1351 Maple Ave.; Sat. 10-6, Sun. 10-5; admission \$5, coupon on Web site; contact Debbie Granat, (707) 542-1651; or Erica Tanner; e-mail: santarosarockshow@hotmail.com; Web site: www.srmgs.org

16-17--SEDONA, ARIZONA: Show; Sedona Gem & Mineral Club; Sedona Red Rock High School Cafeteria, 995 Upper Red Rock Loop Rd.; Sat. 10-5, Sun. 10-4; free admission; guest speakers, slide shows, Kids' Corner, displays, demonstrations, raffle, gemstones, minerals, crystals, fossils, beads, jewelry; contact Gayle Macklin, P.O. Box 3932, Sedona, AZ 86340, (928) 399-9588; e-mail: gayleis@gmail.com

22-24--AUSTIN, TEXAS: Show, "Gem Capers 2010"; Austin Gem & Mineral Society; Palmer Events Center, 900 Barton Springs Rd.; Fri. 9-5, Sat. 10-6, Sun. 10-5; adults \$5 (all three days), seniors \$4, children 13-18 \$1, 6-12 50 cents, 5 and under free; more than 30 vendors, displays, Rock Food Table, touch table of rocks and fossils, demonstrations of cabbing, wire wrapping, faceting, polymer clay, fossil cleaning, kids' day Fri., Wheel of Fortune, Gem Mine, jewelry making, rocks that glow in the dark, grand prize; contact Brian Wetzig, 6719 Burnet Ln., Austin, TX 78757, (512) 458-9546; e-mail: ShowChairman@AustinGemAndMineral.org; Web site: www.GemCapers.com

27--SANDY, UTAH: Show, "Rings & Things BeadTour"; Rings & Things; Salt Lake City Community College - Miller Campus, Karen Gail Miller Conference Center (Deercreek, Lone Peak, Copper, Rose, Cottonwood and Wasatch rooms), 9750 South 300 West; Wed. 12-4; free admission; gemstones, bead strands, wholesale prices, findings, stringing supplies; contact Dave Robertson, (800) 366-2156; e-mail: drobertson@rings-things.com; Web site: www.rings-things.com

29--HENDERSON (LAS VEGAS), NEVADA: Show, "Rings & Things BeadTour"; Rings & Things; Henderson Convention Center (Ballroom A/B), 200 S. Water St.; Fri. 12-4; free admission; gemstones, bead strands, wholesale prices, findings, stringing supplies; contact Dave Robertson, (800) 366-2156; e-mail: drobertson@rings-things.com; Web site: http://www.rings-things.com

29-31--SANTA ROSA, CALIFORNIA: Show, "Gem Faire"; Gem Faire Inc.; Sonoma County Fairgrounds/Grace Pavilion, 1350 Bennett Valley Rd.; Fri. 12-7, Sat. 10-6, Sun. 10-5; weekend pass \$5; contact Yooy Nelson, (503) 252-8300; e-mail: info@gemfaire.com; Web site: www.gemfaire.com

31--SCOTTSDALE, ARIZONA: Show: "Rings & Things BeadTour"; Rings & Things; Chaparral Suites Resort Scottsdale (Conference Center), 5001 N. Scottsdale Rd.; Sun. 1-5; free admission; gemstones, bead strands, wholesale prices, findings, stringing supplies; contact Dave Robertson, (800) 366-2156, e-mail: drobertson@rings-things.com; Web site: www.rings-things.com

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; contact Phyllis, (623) 374-5451

5-7--GOLDEN, COLORADO: Annual show; Denver Area Mineral Dealers; Exhibition Hall, Jefferson County Fairgrounds, 15200 W. 6th Ave.; Fri. 10-6, Sat. 10-6, Sun. 11-4; free admission; minerals, fossils, gemstones, jewelry, beads, carvings; Pat Tucci, GEOdyssey LLC, P.O. Box 16339, Golden, CO 80402, (303) 279-5504; e-mail: ptucci@sprintmail.com; Web site: www.geodyssey-rocks.com

6--SAN MATEO, CALIFORNIA: Show, "Rings & Things BeadTour"; Rings & Things, San Mateo Co. Event Center (Event Center Meeting Pavilion), 2495 S. Delaware St.; Sat. 12-4; free admission; gemstones, bead strands, wholesale prices, findings, stringing supplies; contact Dave Robertson, (800) 366-2156; e-mail: drobertson@rings-things.com; Web site: www.rings-things.com

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--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

6-7--CONCORD, CALIFORNIA: 51st anniversary show; Contra Costa Mineral & Gem Society; Centre Concord, Clayton Fair Shopping Center, 5298 Clayton Rd. (near Ygnacio Valley Rd.); Sat. 10-5, Sun. 10-5; adults \$5, 20 percent discount at Web site, under 16 and Scouts in uniform free with adult; fluorescent room displays, 21 vendors, minerals, fossils, gems, crystals, jewelry, books, tools, equipment, lapidary supplies, 60 exhibitors, 12 demonstrators, beading, wire-wrapping, faceting, stone carving, youth activities, silent auction, prizes, raffle, woolly mammoth skull, giant jade, giant cave bear, giant auction; contact Harry Nichandros, P.O. Box 4667, Walnut Creek, CA 94596, (925) 289-0454; e-mail: bob@ccmgs.org; Web site: http://ccmgs.org

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

7--McCLELLAN (SACRAMENTO) CALIFORNIA: Show, "Rings & Things BeadTour"; Rings & Things; Garden Pavilion, 5640 Dudley Blvd.; Sun. 11-3; free admission; gemstones, bead strands, wholesale prices, findings, stringing supplies; contact Dave Robertson, (800) 366-2156; e-mail: drobertson@rings-things.com; Web site: www.rings-things.com.

FOR A MORE COMPLETE LIST OF ALL SHOWS (I ONLY LIST A FEW) GO TO
<http://www.rockngem.com/showdates.asp> **OR REFER TO A COPY OF ROCK & GEM MAGAZINE.**