

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 EPM&GS and mail to PO Box 31516 El Paso TX 79931. Delinquency of over 90 days will result in being removed from the Membership Roster.

All Meetings will be held on the 4th Thursday of every month at 2216 East Yandell (The Bridge Club), El Paso TX. Board Meetings will usually be held a half hour prior to the general meeting.

2008 CLUB OFFICERS

President	Miguel Chrisman	(915)740-0301	Membership	Lydia Mueller	(915)598-5100
Vice President	Marie Murphy	(915)471-1071	3 Year Trustee	Matt Durning	(915)833-3500
Treasurer	Shirley Snare	(915)833-5263	2 Year Trustee	Tom Smith	(915)757-1292
Secretary	Judy Herd	(915)821-7818	1 Year Trustee	Randy Herd	(915)821-7818
Historian	Marty Gaugler	(915)859-6634	Show Chair	Harry Bruntz	(915)852-1504
Editor	Charlie Christensen	(575)640-1203	Assist. Show Chair	Jeanette Carrillo	(915)533-7153
Field Trips	Matt Durning	(915)833-3500			

The Voice

The Voice is the official bulletin of the Society and is published monthly. All articles must be in the editor's possession by the Thursday 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 Any articles received after that will not be published until the following month.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. Please e-mail articles to be published. 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: Our club now has a website, www.epmgs.org. Any information you would like to see on this website contact Laura Spencer at trukestrel@hotmail.com.

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 24 April 2008 at 6:30 PM. This is an Eatin' Meetin' so bring lots of goodies to share.

SCHOOL BOARD MEETINGS

The School Board Meeting information will be posted under School Information and Class Enrollment. If you are interested in attending School Board Meetings please go to that section of the Newsletter for times, etc.

ADDRESS CHANGES

NOTE: Anyone who has a change in mailing address or phone number please send e-mail to Lydia Mueller at hjmgran@sbcglobal.net and Charlie Christensen at charlieenos@msn.com. If you do not have e-mail capabilities please send notification addressed to EPM&GS Membership, PO Box 31516, El Paso TX 79931. Thank you.

THE BOJCE

VOLUME LVIX NUMBER 7 Apr 2008



PRESIDENTS CORNER

Don't forget that the outing for this month is to the Organ Mountains and we will be doing a little bit of hiking. And with the days starting to warm up, make sure you bring plenty of water or something to drink. Sorry no alcoholic beverages. Matt and I went out there two weeks ago and found some real nice specimens of quartz, silica or mica, purple and green fluorite. Hope to see all of you at the meeting point on exit 1, off I-10 at 8:00 a.m.

Mike Chrisman



BIRTHDAYS AND ANNIVERSARIES

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

BIRTHSTONE FOR APRIL – ROCK CRYSTAL (QUARTZ)

Quartz is the most common mineral on the face of the Earth. It is found in nearly every geological environment and is at least a component of almost every rock type. It frequently is the primary mineral, >98%. It is also the most varied in terms of varieties, colors and forms. This variety comes about because of the abundance and widespread distribution of quartz. A collector could easily have hundreds of

quartz specimens and not have two that are the same due to the many broad categories. The specimens could be separated by answers to the following questions: [color?](#), shade?, [pyramidal?](#), [prismatic?](#), [druzy?](#), [twinned?](#), [sceptered?](#), [phantomed?](#), [included?](#), tapered?, coated?, microcrystalline?, [stalactitic?](#), [concretionary?](#), [geoidal?](#), banded?, etc. Multiple combinations of these could produce hundreds of unique possibilities.

Some **macrocrystalline** (large crystal) varieties are well known and popular as ornamental stone and as gemstones.

- [Amethyst](#) is the purple gemstone variety.
- [Citrine](#) is a yellow to orange gemstone variety that is rare in nature but is often created by heating Amethyst.
- [Milky Quartz](#) is the cloudy white variety.
- [Prasiolite](#) is a leek-green gemstone variety that is rare in nature but is created by heating Amethyst from certain locations.
- [Rock crystal](#) is the clear variety that is also used as a gemstone.
- [Rose quartz](#) is a pink to reddish pink variety.
- [Smoky quartz](#) is the brown to gray variety.

Cryptocrystalline (crystals too small to be seen even by a microscope) varieties are also used as semi-precious stones and for ornamental purposes. These varieties are divided more by character than by color. **Chalcedony** or **agate** is divided into innumerable types that have been named for locally common varieties. Some of the more beautiful types have retained their names on a world-wide basis while other names have faded into obscurity. Some of the more common of these types are **chrysoprase** (a pure green agate), **sard** (a yellow to brown agate), **sardonyx** (banded sard), **onyx** (black and white agate), **carnelian** (a yellow to orange agate), **flint** (a colorful and microscopically fibrous form), **jasper** (a colorful impure agate) and **bloodstone** (a green agate with red speckles). Some beautiful agates are known more descriptively, such as "blue lace agate".

Quartz is a fun mineral to collect. Its abundance on the Earth's surface is incredible and produces some wonderful varieties that don't even look like the same mineral. A collector must always be *up* on the many varieties of quartz and it sometimes embarrasses a collector to have collected too many specimens of such a common mineral. But nearly all collectors concede that you can never really have enough quartz specimens.

PHYSICAL CHARACTERISTICS:

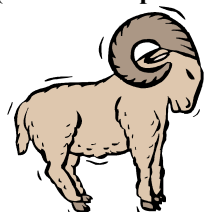
- **Color** is as variable as the spectrum, but clear quartz is by far the most common color followed by white or cloudy (milky quartz). Purple (Amethyst), pink (Rose Quartz), gray or brown to black (Smoky Quartz) are also common. Cryptocrystalline varieties can be multicolored.
- **Luster** is glassy to vitreous as crystals, while cryptocrystalline forms are usually waxy to dull but can be vitreous.
- **Transparency:** Crystals are transparent to translucent, cryptocrystalline forms can be translucent or opaque.
- **Crystal System** is trigonal; **3 2**.
- **Crystal Habits** are again widely variable but the most common habit is hexagonal prisms terminated with a six sided pyramid (actually two **rhombohedrons**). Three of the six sides of the pyramid may dominate causing the pyramid to be or look three sided. Left and right handed crystals are possible and identifiable only if minor trigonal pyramidal faces are present. Druse forms (crystal lined rock with just the pyramids showing) are also common. Massive forms can be just about any type but common forms include botryoidal, globular, stalactitic, crusts of agate such as lining the interior of a geode and many many more.
- **Cleavage** is very weak in three directions (rhombohedral).
- **Fracture** is conchoidal.
- **Hardness** is **7**, less in cryptocrystalline forms.
- **Specific Gravity** is **2.65** or less if cryptocrystalline. (average)
- **Streak** is white.
- **Other Characteristics:** Striations on prism faces run perpendicular to C axis, piezoelectric (see **tourmaline**) and index of refraction is **1.55**.
- **Associated Minerals** are numerous and varied but here are some of the more classic associations of quartz (although any list of associated minerals of quartz is only a partial list): **amazonite** a variety of **microcline**, **tourmalines** especially **elbaite**, **wolframite**, **pyrite**, **rutile**, **zeolites**, **fluorite**, **calcite**, **gold**, **muscovite**, **topaz**, **beryl**, **hematite** and **spodumene**.
- **Notable Occurrences** of amethyst are Brazil, Uruguay, Mexico, Russia, Thunder Bay area of Canada, and some localities in the USA. For Smoky Quartz; Brazil, Colorado, Scotland, Swiss Alps among many others. Rose Quartz is also wide spread but large quantities come from Brazil as do the only large find of Rose Quartz

prisms. Natural citrine is found with many amethyst deposits but in very rare quantities. Fine examples of Rock crystal come from Brazil (again), Arkansas, many localities in Africa, etc. Fine Agates are found in, of course, Brazil, Lake Superior region, Montana, Mexico and Germany.

- **Best Field Indicators** are first the fact that it is very common (always assume transparent clear crystals may be quartz), crystal habit, hardness, striations, good conchoidal fracture and lack of good cleavage. *Source:* <http://mineral.galleries.com>

The Rock Crystal (Quartz) is an alternate Birthstone for the month of April. The commonly know Birthstone is Diamond.

(Mar. 21 – Apr. 20)



Aries
Mars

(Apr. 21 – May 21)



Taurus
Venus

HINTS, TIPS, AND STUFF

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

A PLEA FROM YOUR EDITOR FOR E-MAIL ADDRESSES

Still looking for people with e-mail addresses. Please let me know if you have an e-mail address. Send me an e-mail at charlieenos@msn.com. Thanx. Charlie

Last month I stated that this month I would have Hints & Tips – well I lied – It’s going to be “Stuff” again. My apologies but there are things that need to be brought up which means I don’t have room for “Hints & Tips”.

IMMEDIATE ATTENTION: Last month I posted the following about a change in Dues and Due Dates. You will now see on your mailing label a note that your 2008 Dues are due and if you don’t pay your dues your last newsletter will be the July 2008 Newsletter. Please pay your 2008 dues immediately so that we can get our records current. For those receiving the newsletter via e-mail I will make a list of those who have paid their 2008 dues and anyone who isn’t on the list should

pay their dues immediately or their last newsletter will be July 2008.

Club: The Dues are now \$12 a year. This is to help defray the cost of producing the newsletter and other Club related expenses. The dues are now Due and payable December of every year. Some of you have already paid your dues this year – you’re good until December when you will need to pay dues for 2009. For those of you who have not yet paid your dues for this year, please pay them now rather than the due date previously reflected on your newsletter – this will bring you current for dues owed for 2008. The dues for Juniors will remain the same. If you have any questions please feel free to contact either, Mike Chrisman, President, or myself. We will be glad to answer your questions. I know this is kind of confusing right now during the transition so please bear with us.



GENERAL MEETING MINUTES

The monthly meeting of the El Paso Mineral and Gem Society, for the month of March, was called to order by President Mike Chrisman. The minutes for the month of February were read and approved. The treasurers' report was given. Matt Durning gave information on the April Field trip to Bishops Peak, N.M. We will meet at 8:00AM at the New Mexico rest stop on I-10, on the 12th of April. Street vehicles should be okay on this trip. We need to recruit new teachers for the school. The rent on the Bridge Center was raised from \$24.00 a month to \$100.00 per month. Our president will negotiate this increase. The program was a rock auction with proceeds going to the Society.



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 (915)833-3500 or (915)491-3244 or e-mail matdext@swbell.net.

THE PICK & SHOVEL FIELD TRIP REPORT

By Matt Durning

You know spring has arrived in the southwest when your dogs water bowl and your slab bowl both have ice in it in the morning and you’re sweating by the afternoon. Standing in dusty Deming NM at their annual Rock Hound Round Up shows you can freeze, get sunburned and get blown away all in a matter of minutes. But so what! It’s show time.

Our scheduled field trip was to the Deming show and I saw quite a few of us wandering the fair grounds. There were a lot of familiar vendors from shows past and a few new ones. The wild weather of the north snowed in a few scheduled vendors freeing up a few tables that some locals jumped on. It was great to see Jim and Charlie selling their wares. A big woof goes out to the club members from Nebraska that comes down every year for the show. Check your mail Kim.

My find of the show were “Bryozoans”. They were the reef building creatures during the Paleozoic time, approximately 400 million years ago. When cut and polished they look like bird wings covered in thousands of tiny feathers. I was showing someone three small pieces I cut and polished and she gave \$20 right then and there for them. My first sale! No, I miss them, go figure.

Our **field trip for April 12, 2008** will be to the “Bishops Cap” area of the Organ Mountains in Las Cruces, NM. We will be looking in mines and tailings for purple and green fluorite, white massive barite associated with the fluorite and quartz. There is also gypsum and fossils found in the Mississippian age limestone. We will meet at the New Mexico rest stop at the TX / NM state line at 8:00am.

From there we will travel to Vado go East to a power line road. From there if you have a small car or feel better in a pick up truck (I always feel better in a truck - did you know that there are more pick ups sold in Texas then any where else, yup) then we will find you room and shuffle on our way. It will be hot or cold, windy or not. It’s dusty and rocky but accessible on foot with some heavy breathing. Take water, lunch and a hat. Just about every thing in the desert has survived for millions of years by not being soft and comfortable.

Bird watchers might see an eagle or other raptors. If we would like to continue after collecting there is a wonderful area a few miles north that prehistoric man sat around chewing the mammoth fat.

Our **May 10, 2008 field trip** will be to the Tres Hermanas zinc mine area of Deming, NM. This trip will be two fold, day light collecting for agate and

minerals and night time collecting for fluorescent specimens. This will be a bit involved for us. We will have Deming near by to camp or hotel in. The trip will be lead by Bob McGillicuddy and Paul Garland. They and others will have UV lights and black lights. More information to follow. I'll see you on the dusty trail.

Try to attend. It's fun and there are a lot of different places to hunt. Last year they found a few new locations that look promising. I will post more information later but wanted to remind you all so that you could make plans if you were thinking of attending..

A REMINDER: Just a reminder so that you may make plans to take time off from work, etc. AGATE RENDEZVOUS 2008 at Apache Creek NM is scheduled for August 23rd to September 1st, 2008.

SCHOOL INFORMATION AND CLASS ENROLLMENT

Call 915-562-4268 for information and to enroll in Lapidary and Jewelry-craft classes. The Instructors are volunteers from the school committee of the Society and are not paid in any way by the Society or the students. If you want to enroll in one of the classes, all you have to do is sign up at the Memorial Park Senior Center which is located at 1800 Byron Street, El Paso TX. It is important that you register early because a minimum of three students is needed for a "Go" with a maximum of six students per class. Sign up well in advance as there are usually waiting lists. Each Class has a \$20 fee plus a \$10 Lab Fee and any other material costs. The \$20 fee payment is to be made on the first day of the class to the Senior Center, and the Lab Fee will be paid to your instructor. All other material purchases should be paid for at the time of purchase or delivery.

Active Member Instructors:

Tony De La Cruz	Rosa Cruz	Dorris Brown	Pete Beltran
Robert Bates	Redgie Medlock	Sid Sheppard	Miguel Chrisman
Art Moreno - Assistant	Ken Raab	Greg Berglund	

SCHOOL BOARD MEETINGS

The meetings are all held at noon in the conference room at the Memorial Park Senior Citizens Center. Anybody who wishes to sit in on any of the meetings is welcome. We recommend that you call Norma at the Center first to make sure that the meeting date has not changed. Her number is 562-4268.

Feb 26 (Tues)	Mar 24 (Mon)	Apr 22 (Tues)	May 19 (Mon)
Jun 24 (Tues)	Jul 21 (Mon)	Aug 26 (Tues)	Sep 22 (Mon)
Oct 21 (Tues)	Nov 17 (Mon)	Dec 16 (Tues)	

Class Schedule: (Classes run from 9 AM to 12 Noon unless otherwise noted)

Monday & Wednesday	Lapidary	02-25-2008 thru 04-02-2008 04-14-2008 thru 05-21-2008 06-02-2008 thru 07-09-2008
Monday & Wednesday	Silversmith	Advanced Beginning Advanced
		02-25-2008 thru 04-02-2008 04-14-2008 thru 05-21-2008 06-02-2008 thru 07-09-2008
Tuesday & Thursday	Casting & Faceting Classes	02-26-2008 thru 04-03-2008 04-15-2008 thru 05-22-2008 06-03-2008 thru 07-10-2008
Monday thru Friday (see note below)	(NEW) ADVANCED WORKSHOP 12:00 – 3:00 PM	All the time
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.

Wire Wrapping is scheduled when there are enough students interested in attending – we must have 3 or more interested and signed up. 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 \$1.00 per hour to be paid to the instructor in charge of the Workshop.

SHOW DATES

APRIL 2008:

4-6--SANDY (SALT LAKE CITY), UTAH: Show; Gem Faire; South Towne Exposition Center/Exhibit Hall 5, 9575 S. State 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

5-6--MARION, ILLINOIS: Williamson County Pavilion, 1602 Sioux Dr.; Sat. 10-6, Sun. 10-5; dealers, educational exhibits, fluorescent mineral show, silent auctions; contact Mike Chontofalsky, 1019 E. Broadway, Centralia, IL 62801, (618) 532-0455; e-mail: mchontofalsky1019@charter.net

5-6--POCATELLO, IDAHO: 51st annual show; Southeast Idaho Gem & Mineral Society; Bannock County Fairgrounds; Sat. 10-6, Sun. 10-5; contact Marty Rakatansky, (208) 233-2538, or Robert Murphy; e-mail: rcmurphy@highstream.net

12-13--ABILENE, TEXAS: Show; Central Texas Gem & Mineral Society; Abilene Civic Center, N. 6th and Pine; Sat. 10-6, Sun. 10-5; adults \$3, children 6-12 \$1.50, children under 6 free with adult; gems, jewels, slabs, rough, lapidary tools and supplies, demonstrations, fluorescent display, silent auction, wheel of fortune, "sand" art, hourly door prizes, grand prize drawing; contact Sallie Lightfoot, (325) 692-4642; e-mail: slightfoot@aol.com; Web site: www.txol.net/rockclub

12-13--CANTON, ILLINOIS: 48th annual show; Fulton County Rockhounds; Wallace Park; Sat. 10-6, Sun. 10-5; free admission; contact Steven Holley, (309) 231-8861; e-mail: ilfossil@hotmail.com; or George Coursey, (309) 462-2064; e-mail: courseyfarms@hughes.net

12-13--DES PLAINES, ILLINOIS: 43rd annual show; Des Plaines Valley Geological Society; Des Plaines Park District Leisure Center, 2222 Birch St.; adults \$3, seniors \$2, students with school ID \$1, children under 12 free with adult; kids' room, demonstrations, educational exhibits, door prizes, raffles, silent auction; contact Louis Zima, (746) 298-4653, or Frank Pransschke; e-mail: fapranschke@cs.com; Web site: www.desplainesgeologyclub.org

12-13--FORT DODGE, IOWA: Annual show; River Valley Rockhounds; Opera House, Fort Museum, west on Bus Hwy. 20; Sat. 9-5, Sun. 11-4; free admission; displays, dealers, gems, minerals, fossils, silent auction, children's area, door prizes; contact Hugh Carroll, 2234 146th St., Fort Dodge, IA 50501, (515) 576-5517; e-mail: midnightwriter@dodgenet.com

12-13--IDAHO FALLS, IDAHO: Show; Idaho Falls Gem & Mineral Society; City Recreation Center, Memorial St. and B St.; Sat. 10-6, Sun. 10-5; adults \$2, children 12 and under free with adult; dealers, 50 showcases, faceting, knapping, wire wrapping, opal and rock polishing demonstrations, hourly prizes, silent auction, free gem identification Sun.; contact Bill Thielbahr, 3400 South 35th West, Idaho Falls, ID 83402, (208) 524-0139; e-mail: tbar@srv.net

18-20--DECATUR, ILLINOIS: 56th annual show; Central Illinois Gem & Mineral Club; Lutheran High School, 2001 E. Mound Rd.; Fri. 3-6, Sat. 9-6, Sun. 10-4; adults \$5, seniors \$2, children 15 and under free; gemstones, fossils, jewelry, beads, findings, lapidary demonstrations, displays, running water gem and mineral sluice, kids' corner and activities, hourly door prizes, grand prize; contact Tony Kapta, 1483 E. Wood St., Decatur, IL 62521, (217) 233-1164; e-mail: cigmc@insightbb.com

18-20--SAN DIEGO, CALIFORNIA: Show; Gem Faire; Scottish Rite Center, 1895 Camino del Rio S; 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

19-20--BUTTE, MONTANA: Show, "2008 Montana Gold & Treasure Show"; Treasure State Treasure Hunters; War Bonnet Inn, 2100 Cornell Ave.; Sat. 9-5, Sun. 10-4; adults \$4, children 12 and under free; door prizes, raffles, demonstrations; contact Allen Corneliusen, Box 488, Ronan, MT 59864, (406) 253-1678; e-mail: jabin@ronan.net

19-20--EAU CLAIRE, WISCONSIN: 45th annual show; Chippewa Valley Gem & Mineral Society; Eau Claire County Expo Center, Lorch Ave., corner of Hwy. 93 and I-94; Sat. 9-5, Sun. 10-4; silent auction, exhibits; contact Roger Goss, (715) 723-0196

19-20--KENNEWICK, WASHINGTON: Annual show; Lakeside Gem & Mineral Club; Benton County Fairgrounds, Bldg. 1; Sat. 10-5, Sun. 10-4; contact Dave Westland, (509) 735-9678

25-27--WICHITA, KANSAS: 55th annual show, "Nature's Wonders, Dazzling Gemstones"; Wichita Gem & Mineral Society; Cessna Activity Center, 2744 George Washington Blvd.; Fri. 9-7, Sat. 10-7, Sun. 10-5; adults \$5, 12-17 \$1, kids under 12 free; Kansas meteorites, dealers, demonstrations, silent auction, kids' activities; contact Gene Maggard, 8318 SE Hwy. 77, Leon, KS 67074-9026, (913) 742-3746

26-27--TROY, OHIO: 25th annual show; Brukner Center Gem & Mineral Club; Miami County Fairgrounds, Activities Bldg., County Rd. 25-A; Sat. 10-6, Sun. 10-5; adults \$1, children free; dealers, demonstrations, displays, silent auction, raffles, door prizes, free rock for kids, wheel of fortune, grab bags; contact Tom Dilworth, (937) 602-1929.

MAY 2008:

2-4--DALLAS, TEXAS: 2nd annual show, "Dallas Fine Mineral Show"; Dave Waisman; Embassy Suites, 14021 Noel Rd., near The Galleria; Fri. 10-6, Sat. 10-6, Sun. 10-5; free admission; contact Dave Waisman, P.O. 8543, Spokane, WA 99203, (509) 458-2331; e-mail: svldave@aol.com; Web site: www.dallasfinemineralshow.com

2-4--HILLSBORO, OREGON: Show; Gem Faire; Washington County Fairgrounds, 873 NE 34th Ave.; 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

2-4--McPHERSON, KANSAS: 16th annual sale and swap; McPherson Gem & Mineral Club; 4-H Fairgrounds, Woodside and Hickory; Fri. 9-5, Sat. 9-5, Sun. 10:30-3; buy, sell, trade, rocks, gems, minerals, fossils, rock auction, door prizes, displays, collections, kids' spin-n-win, free rock id, jewelry and lapidary work; contact Jim Nutter, 1611 Jody Ln., McPherson, KS 67460, (620) 241-2433, or Marvin Lundquist, 441 N. Charles, McPherson, KS 67460, (620) 241-7003

3-4--BAKERSFIELD, CALIFORNIA: Show, "Art In Stone"; Kern County Mineral Society; Kern County Fairgrounds, Ming Ave. and P St.; Sat. 10-5, Sun. 10-5; free admission; lapidary, gem, mineral and fossil displays, dealers, demonstrations, silent auction, grab bags, Spin-N-Win; contact Ismael Sanchez, 1200 Dolores St., Bakersfield, CA 93305, (661) 301-4609; e-mail: sbkelley@bak.rr.com; Web site: www.kcmineralsociety.org

3-4--LUBBOCK, TEXAS: 50th annual show; Lubbock Gem & Mineral Society; Lubbock Civic Center, 1501 Mac Davis Ln.; Sat. 10-6, Sun. 10-5; exhibits, dealers, gems, jewelry, findings, rocks, minerals, fossils; contact Archie Scott, (806) 894-1584, or Ed Ries, (806) 799-2722

For a more complete list of Shows go to www.rockngem.com.

