



# DESERT DIGGINS

## MOJAVE DESERT GEM & MINERAL SOCIETY

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### OFFICERS

President	Vivian Watts
Vice-President	Dian Hare
Secretary	La Vella Tomlinson
Treasurer	Gene Haines

### BOARD MEMBERS

Danny Watts	Rob Stapp
Nick Beall	Steve Crowell
Melita Crowell	
Scott Stevenson	(past president)



The Mojave Desert Gem and Mineral Society (MDGMS) is a nonprofit organization. The objectives of the society are:

- \* To collect and study minerals and rocks.
- \* To disseminate a general knowledge of the science of mineralogy and allied subjects.
- \* To provide opportunity for the exhibition and exchange of specimens.

### Meetings / Workshops

Meetings: 1st Friday (7:00 P.M.)  
 Workshop: 3rd Friday (6:30 P.M.)

Location: 25647 W. Main Street  
 Barstow, CA 92311

### January 1st Meeting

Theme:  
 Hostess:  
 Door Prizes:

### Annual Membership Dues

#### PAYABLE IN JANUARY

Adults: \$20.00  
 Juniors: \$10.00 (10 to 18 years)



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 Website: [www.mdgms.org](http://www.mdgms.org)

### Birthdays

Jan 01	Donald Goldsmith
Jan 01	Dave Burbeck
Jan 01	Kemp Root
Jan 02	Therese Carlson
Jan 09	Dian Hare
Jan 12	Brenda Santiago
Jan 14	Bill Depue
Jan 17	Henry Rice
Jan 19	John Pickett
Jan 21	Bill Earnest
Jan 24	Ronda Crocker



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## MOJAVE DESERT GEM & MINERAL SOCIETY

### New Members

**Dave and Debbie Burbeck** (Lucerne Valley, CA) Dave and Debbie, also known as Greywolf, are one of our show dealers. They are also members of the Yucaipa Gem and Mineral Society. They are interested in learning more about gems, jewelry, lapidary arts, minerals, rocks, and wire wrapping.

**Don and Cheri George** (Palmdale, CA) Don and Cheri have been demonstrators at our annual show for many years. Don demonstrates the art of gem faceting and Cheri creates lovely jewelry. They are interested in learning more about faceting, jewelry, and lapidary arts. They are also members of the Palmdale Gem and Mineral Club, and are Member-Large NW Federation of Mineralogical Soc.

**Didi Naples** (Apple Valley, CA) Didi has been attending our annual Gem and Mineral show for many years and is a regular on the rock scene. She is also a member of the Victorville Gem and Mineral Club. She is interested in crafts, jewelry, lapidary arts and rocks.

**Sharon Rogow** (Las Vegas, NV) Sharon is a member of the Southern Nevada Gem and Mineral Society. She is interested in carving, crystals, fossils, lapidary arts, and rocks.

**Clifford Swenson** (Grass Valley, CA) Cliff is our demonstrator of flint knapping. He is interested in going on field trips.

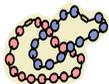
**CALIFORNIA FEDERATION OF MINERALOGICAL SOCIETIES**  
2013 Statewide Show & Convention

**MAY 31 TO JUNE 1**  
10AM - 5 PM  
**JUNE 2**  
10AM - 4 PM

Gems, Minerals, Rocks, Fossils, Jewelry, Dealers, Exhibits, Speakers, Demos, Raffles, Silent Auctions, Kids Activities & More!

**ADMISSION:**  
ADULTS \$5 - 3 DAY PASS \$12  
SENIORS 60+ & MILITARY \$4 - 3 DAY PASS \$10  
JUNIORS (13 - 17) \$3 - 3 DAY PASS \$7  
KIDS 12 & UNDER - FREE W/PAID ADULT

VENTURA COUNTY FAIRGROUNDS - 10 W. HARBOR BLVD. - VENTURA, CA - (JUST OFF 101 FREEWAY)  
For more info, visit [www.cfm2013.com](http://www.cfm2013.com) • SHOW CONTACT - (805) 494-7734 • [show\\_info@cfm2013.com](mailto:show_info@cfm2013.com)



### BIRTH-STONES



January....Garnet

August.....Peridot

February...Amethyst

September..Sapphire

March.....Aquamarine

October...Tourmaline/

April.....Diamond

Opal

May.....Emerald

November....Topaz/

June.....Pearl /

Citrine

### Geo Quiz

‘Breccia’ and ‘conglomerate’ are both clastic sedimentary rocks containing some bigger ‘chunks’. How are they different?

Answer in next months issue.

**DESERT DIGGINS**  
**MOJAVE DESERT GEM & MINERAL SOCIETY**

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**Ownership of Meteorites**

Meteorites are scarce, very few found. But once a meteorite is found, the question of ownership comes up. If the object is recovered on land belonging to an individual, ownership belongs to the holder of the deed to the land, and not the finder. In the case of the great Willamette meteorite, litigation over the ownership was finally settled by the Oregon State Supreme Court who rendered their decision in these words: "Meteorites embedded in the earth are real estate and consequently belong to the owner of the land in which they are found.

On the other hand, if a meteorite is found on land owned or controlled by the United States Government, under the Act of Congress, June 8, 1906, it may not be removed unless allowed by the US government through the Smithsonian Institution, whose permission must be obtained before a meteorite may be moved if lying on federally controlled land.

Www.sfgms.org/theochron.html#carat

## Invitation to the ... Fourth annual World Rock Tumbling Contest

The Feather River Lapidary & Mineral Society invites you to join us for our fourth annual World Rock Tumbling Contest. This year we will be using Tuledad Canyon Agate. Tuledad Canyon is located on the California Nevada border near Susanville CA. Pictures of the polished rock will be on our web site after January 1st.

**Prizes**

- First place \$250.00
- Second Place \$100.00
- Third Place \$50.00

*For more information*

[www.FeatherRiverRocks.org](http://www.FeatherRiverRocks.org)

Phone: (530) 877-7324

Email: [Tumbling@FeatherRiverRocks.org](mailto:Tumbling@FeatherRiverRocks.org)

This message is your invitation and your application. Print it and fill out the information, make out the check payable to FRLMS and mail to;

**Feather River Lapidary & Mineral Society or FRLMS**

**P.O. Box 2645**

**Oroville, CA. 95965**

Entry fee this year will be \$40.00 for continental US residents. This will include shipping material to you. All others fees will be \$40.00 plus shipping. Please send correct fees and how to ship.

- (3LBS.) of rough will be shipped to you when application & check are approved.
- We will stop accepting applications June 1st, 2013.
- (1/2 LB.) finished rock must be returned with copy of entry form and must be post marked no later than August 15th, 2013.

Name; \_\_\_\_\_ Phone; \_\_\_\_\_

Address; \_\_\_\_\_

Email; \_\_\_\_\_

# DESERT DIGGINS

## MOJAVE DESERT GEM & MINERAL SOCIETY

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### The Kaleidoscope Jasper Mine

#### Oregon

For the past three years, a new Multi-patterned, multicolored jasper stone has been available via e-bay from the privately owned Kaleidoscope Jasper Mine located in central Oregon in an area not noted for jaspers, agates, opal, or any other lapidary rock.

The mine site was discovered during the winter of 2008 / 2009 by Dale Rhode and his sons Brian and Derek. Dale is a 4th generation Oregon rockhound, and, before his Kaleidoscope discovery, he prospected locally for plume agates, petrified wood, feldspar, and pictute jaspers he would sell in his rock shop.

Within four months of listing his new find on e-bay, he was receiving 250 to 300 e-bay visits during a seven-day auction period with Kaleidoscope rocks selling for an average of \$50 to \$75 per pound depending on pattern and color variety.

It's the pattern and color variations that make Kaleidoscope Jasper so interesting. So far, the Rhode family has identified and named over 15 such varieties. The rarest of these is **Tapestry Kaleidoscope Jasper** of the "common" sub-type. Dale has named four of these sub-types so far: (a) common, (b) green, (c) owl eye, and (d) endeavor.

Occasionally, Kaleidoscope Jasper rocks, much like other Oregon Jasper / Agates, will have multiple internal fractures that cause slab break-up and loss of useable material. Dale often opens his more valuable Kaleidoscope rough with a saw cut to confirm rock color and pattern as well as internal surface integrity. He calls this a "cut-n-proven" stone. Dale guarantees his e-bay sales such that "if you cut it and its junk, send it back right away" along with some e-mail feedback, and he'll do right by you. Dale's other named Kaleidoscope Jaspers types follow.

**Candy Stripe Kaleidoscope Jasper** is one of the rarest with a schiller effect if cut at the proper angle which requires you to experiment with the rock. Candy Stripe has multiple colors often in parallel but not linear layers.

**Gold Stripe Kaleidoscope Jasper** is similar to Candy Stripe except for its single-color stripes. Gold Strip can also have a schiller effect similar to sunstone or moonstone.

**Picture Kaleidoscope Jasper** has four sub-types so far: (a) Purple, (b) Agate Vein, (c) Red Cherry, and (d) Mexican Cherry. Purple Picture will have some distinctive purple coloration. Picture Vein comes from veins where patterns often appear to represent colors of a leopard's coat. Red Cherry has distinctive red cherry coloration.

**Christmas Tree Kaleidoscope Jasper** is a rich green-base color with spots of bright red like a Christmas tree with red lights. The patterns of reds and yellows on green are much more random in direction / orientation than the Blazing Flame types of Kaleidoscope.

**Dragon Kaleidoscope Jasper** is named for the small spots of color that according to Dale, look like ink blots closely resembling Japanese dragons.

**Gem Blue Kaleidoscope Jasper** is very different from other Kaleidoscope types as it has a gemmy appearance and yields a porcelain-like finish. Any window in rock rough will clearly show a very high-grade jasper with beautiful blues as a base color.

**A New as-yet un-named Kaleidoscope Jasper** type, just discovered during Dale's winter 2012 mining activity. Some of this material, when cut resembles "cave drawings" while others have a sun-set appearance.

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## MOJAVE DESERT GEM & MINERAL SOCIETY

### SHOW DATES

Jan 1 - Feb 28 Quartzite Desert Gardens Gem & Min.  
Jan 4 - 13 Quartzite Tyson Wells Rock & Gem  
Jan 18 - 20 Del Mar, Ca - Gem Faire; Del Mar Fair  
Grounds; 2260 Jimmy Durante Blvd.;  
Fri. 12-6; Sat 10-6; Sun 10-5  
Jan 23 - 27 QUARTZITE Annual Q.I.A. Pow Wow  
Over 200 dealers -

### 2012 Club Show

The 2012 rock show was another success for the dealers, the demonstrators, and the club. We also extend a big thank you to Jerry and his crew from Diamond Pacific and everyone who helped for setting up and tearing down the infrastructure of the show in such a timely manner.

We also had a new food booth put on by the Barstow High School Booster Club who did a great job with their Mexican food theme.

The silent auction was very popular again, and ran very smoothly thanks to Gene and Peggy's preparations months in advance of the show. Thanks to all who donated items for the table as well. Gene Haines, Danny Watts, and Nicolette Grill set up each auction, Peggy Haines and Vivian Watts cashiered and bagged the sales, and Norm Sheppard officiated as auctioneer.

Many thanks to the demonstrators who worked throughout both days. Bill Depue and John Pickett on the Xpert, Scott Stevenson and Steve Wittel on the Genie. Clifford Swenson shared his knapping skills and Danny Watts showed all interested how to create spheres. Don George demonstrated how to facet stones, and Cheri George showed off her beading skills.

The wheel-of-fortune was very popular with visitors who enjoyed the various items available. Thanks to all who made donations for the wheel, and everyone who manned the table.

And last, a big thanks to all the exhibitors who filled their display cases with such a wide variety of lapidary arts and collections.

### Christmas Party

2012

24 members and guests were present and there was plenty of food for everyone. If you weren't there, you missed a great time.

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### In Memoriam

Long time member Charlotte Robinson passed away in December. She will be missed by her many friends.

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### Rock of the Month

#### Lapis Lazuli

This month we will take a brief look at an interesting blue rock, lapis lazuli, a sodium calcium aluminum silicate. The mineral lazurite makes up 25% to 40% of the rock.

The sulfur in the lazurite is the element responsible for the blue color. The blue color is more evenly distributed in the better specimens. Pyrite is always present in lapis. Pyrite provides little golden flecks thru out good lapis. Lapis is a rare metamorphic rock. It is formed by the interaction of granite like magma with metamorphosed limestones. The two major areas where lapis is mined are Afghanistan and Chile.

Lapis is most always found as massive material, although the mineral lazurite is in the cubic system. Color is typically blue, sometimes greenish blue, sometimes violet. It has a conchoidal grainy fracture. Streak is blue. Hardness is 5 to 6. Care should be taken with lapis lazuli as high pressure, high temperature, acids and alkalis can damage it. Do not wear lapis jewelry while doing household work.



# Desert Diggins



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Stamp

**First Class Mail**

