

Desert Diggings



Mojave Desert Gem & Mineral Society

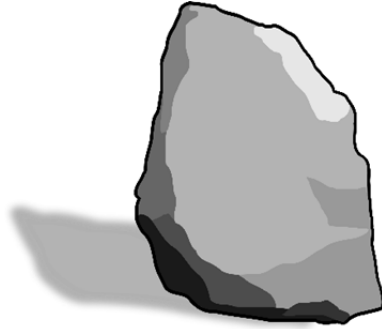
October 20018

Annual Membership
Dues
Adults: \$ 20.00
Juniors: \$ 10.00 (10-18)

Club business meeting:
1st Friday of the
month: 7:00_{pm}

Workshop: 2_{nd}, 3_{rd}, &
4_{th} Fridays of the
month 6:30_{pm}

Location:
25647 W. Main St
Barstow, Ca 92311



Club Objectives:

To collect and study
minerals and rock.

To disseminate a general
knowledge of the science of
mineralogy and allied
subjects.

To provide opportunity for
the exhibition and exchange

Born to rockhound

President: Danny
Watts
Vice-President: Scott
Stevenson
Treasurer: Judy
Livingston
Secretary: La Vella
Tomlinson
Board of Directors
Bill Johnson
Janna Johnson
Toni Pizzo
Joe Summers
John Printz
Past Pres.: Vivian
Watts
Editors:
Lana Heller-Wood
Wayne Mallon
La Vella Tomlinson

Haeden Hoffman 18, is one of our new faces of many this year. He has recently moved to the area with his family. Haedens interest in rocks began when he was young. Haeden told me that his father and grandpa used to rockhound together as well. Haeden said that he

has always liked to go searching for rocks, but that he really likes to find different jaspers. Haeden has visited many different places; one of the best places he's been was in Greece where he found lots of sea shells. Limestone was pretty much what he found in Germany.

When asked what he felt personally drew him to collecting rocks he said, "that there was a beauty to them that nothing else could compare to the different things you can learn from them". Haeden also said "that it's just fun".





Gregory Chatman	6 th	Allan Bigham	13 th
Scott Stevenson	7 th	Don Depue	13 th
Gloria Moore	20 th		

ROCK OF THE MONTH

Septarian

Septarian or septarian nodules are concretions (mud balls) containing cracks and cavities that were filled in with minerals such as calcite (yellow) and aragonite (brown) and sometimes pyrite causing the unique patterns; a microcrystalline form of Silica as in Flint or Jasper, or an Iron Oxide such as Hematite. These specimens are also known as a type of sedimentary rock. Septarian nodules were formed millions of years ago by sediment forming around a fossil to create a mud ball transforming the fossil into Calcite and Aragonite. These septarian nodules make for very interesting display pieces when cut and polished. Septarian often gets referred to as "Dragon Stone" because the natural patterns make people think of dragon skin.

Upcoming Gem, Mineral & Rock Shows



October 2018

3-7—JOSHUA TREE, CALIFORNIA: Annual show; Sportsman's Club of Joshua Tree; Sportsman's Club of Joshua Tree, 6225 Sunburst Street; Daily 9-6; Free Admission; This will be our 43rd Annual FALL Gem, Mineral & Craft Show with Dealers; contact WayneHamilton, 6225 Sunburst Street, Joshua Tree, CA 92252, (760)-366-2915; Email: jtsportsmans@ymail.com; Website: jtsportsmansclub.com

5-7—SACRAMENTO, CALIFORNIA: Wholesale and retail show; Gem Faire Inc.; Scottish Rite Center, 6151 H St.; Fri. 12-6, Sat. 10-6, Sun. 10-5; adults, seniors and student \$7, children (ages 0-11) free; contact YooyNelson, (503) 252-8300; Email: info@gemfaire.com; Website: www.gemfaire.com

6-7—GRASS VALLEY, CALIFORNIA: Annual show; Nevada County Gem & Mineral Society; Nevada County Fairgrounds, 11228 McCourtney Road; Sat. 10-5; adults \$2, students with ID free, children under 12 free; contact MitchellVan Hecke, 14534 Mumford Drive, Grass Valley, CA 95945, (530) 575-4252; Email: 4vanclan5@att.net

6-7—VISTA, CALIFORNIA: Wholesale and retail show; Vista Gem and Mineral Society; Vista Antique Gas and Steam Engine Museum, 2040 N. Santa Fe Dr; Sat. 9-5, Sun. 9-4; Free; Parking is \$5.00.; contact Kelly Hickman; Email: kellyahickman@hotmail.com

12-14—TRONA, CALIFORNIA: Annual Gem-O-Rama; Searles Lake Gem & Mineral Society; Show and Lapidary Building, 13337 Main St.; Fri. 1:30 PM-6:30 PM, Sat. 7:30 AM-5:00 PM, Sun. 7:30 AM-4:00 PM; free admission contact BonnieFairchild, PO.Box 966, Trona, CA 92592, (760) 372-5356; Email: slgms@iwvisp.com; Website: www1.iwvisp.com/tronagemclub/

12-14—COSTA MESA,

CALIFORNIA: Wholesale and retail show; Gem Faire Inc.; OC Fair & Event Center, 88 Fair Dr.; Fri. 12-6, Sat. 10-6, Sun. 10-5; adults, seniors and students \$7, children (ages 0-11) free; contact

YooyNelson, (503) 252-8300; Email: info@gemfaire.com; Website: www.gemfaire.com

13-14—WALNUT CREEK, CALIFORNIA: Show and sale; Pacific Crystal Fair; Civic Park Community Center, 1371 Civic Drive; Sat. 10-6, Sun. 10-4; adults \$12 (good for both days), children under 12 free; contact JerryTomlinson, PO Box 1371, Sausalito, CA 94966, (415) 383-7837; Email: jerry@crystalfair.com; Website: www.crystalfair.com

13-14—LOS ALTOS, CALIFORNIA: Annual show; Peninsula Gem and Geology Society; Los Altos Youth Center, One No. San Antonio Rd.; Sat. 10-5, Sun. 10-5; Admission \$5, Children under 12 free; contact SteveJobe, 1023 Delna Manor Lane, San Jose, CA 95128-3473, (408)-834-5384; Email: steve_jobe@sbcglobal.net; Website: ppgs.org

14-14—FALLBROOK, CALIFORNIA: Annual show; Fallbrook Gem and Mineral Society; Fallbrook Gem and Mineral Museum, Fallbrook Gem and Mineral Museum, 123 W Alvarado St.; Sun. 9-4; Free Admission; contact JaniceBricker, Fallbrook Gem & Mineral Society, 123 W Alvarado St., Ste B, Fallbrook, CA 92028, (760)-728-1130; Email: Info@fgms.org; Website: Www.fgms.org

20-20—WEST HILLS, CALIFORNIA: Annual show; Woodland Hills Rock Chippers, Inc.; First United Methodist Church, 22700 Sherman Way; Sat. 10-5; FREE contact Paty Mejorado; Email: info@rockchippers.org; Website: www.rockchippers.org

20-21—SANTA ROSA, CALIFORNIA: Annual show; Santa Rosa Mineral and Gem Society; Santa Rosa's Veteran's Building, 1351 Maple St; Sat. 10-6, Sun. 10-5; Admission \$6; contact JoleenCoon, (707)-849-9551; Website: www.SRMGS.org

20-21—WHITTIER, CALIFORNIA: Annual show; Whittier Gem & Mineral Society; Whittier Community Center, 7630 Washington Ave.; Sat. 10-5, Sun. 10-5; free admission; contact Yvonne Morton, 11319 Telechron Ave., Whittier, CA 90605, (562) 895-8667; Email: will.yvonne.morton@verizon.net; Website: wgmsca.com

27-28—SACRAMENTO, CALIFORNIA: 82nd Annual Gem, Jewelry, Mineral and Rock Show; Sacramento Mineral Society; Scottish Rite Temple, 6151 H Street; Sat. 10-5, Sun. 10-4; adults \$6, seniors \$5, children under 12 free with a paid adult; trick-or-tricking stations, come in Halloween costume, get a free prize, coupon for \$1 off admission on website; contact AltyssaMeiszinger, PO Box 279291, Sacramento, CA 95827, (916) 662-5819; Email: gemshow@sacramentomineralsociety.org; Website: www.sacgemshow.com

A **ventifact** (also wind-faceted stone) is a rock that has been abraded, pitted, etched, grooved, or polished by wind-driven sand or ice crystals.

Metamorphism is the change of minerals or geologic texture (distinct arrangement of minerals) in pre-existing rocks, without the protolith melting into liquid magma (a solid-state change). The change occurs primarily due to heat, pressure, and the introduction of chemically active fluids.



old prospector came over and stated he had overheard us and said he could show us where there are thousands of loose garnets where you could scoop them up by the handfuls.

It turned out the old prospector was not exaggerating; however, the garnets were probably formed from a Hydrothermal Replacement Lode because they were all flawed. What the prospector didn't tell us about were the ventifacts on Garnet Hill. Although the garnets have disappeared, the beautiful grooved, sand blasted and polished ventifacts remain and are continuously being created because of the constant strong winds on the hill.

As far as some of the minerals on the hill, I was able to identify a few of them. There was gem quality white and white orange orthoclase feldspar, glassy microcline feldspar, waxy olive-green serpentine and pistachio green epidote.

There were many, many other rocks and minerals which could not be identified by sight alone. I believe some were hybrids, some were possibly in

ROCKHOUNDING STORIES

I found my thrill on GARNET HILL

Submitted by: Al Iorli

Known for its garnets, (now depleted) Garnet Hill is located at the southeast corner of Christopher Columbus Transcontinental Highway (I-10) and Indian canyon, Palm Springs, California. On the November 29th, 2016 field trip, about 10 members of the Shadow Mountain Gem and Mineral Society, led by Fred Kalmar, visited Garnet Hill.

I first became aware of Garnet Hill at Denny's Restaurant in Palm Springs when a senior coffee was just 10 cents. A friend and my-self were having breakfast and discussing gold dredging, rocks and minerals, when an

different stages of metamorphism and its possible some of the rocks and minerals were new and unidentified or varieties never identified which only an assay could determine.

What impressed me the most about Garnet Hill, was the large amount of different rocks and minerals located in such a relatively small area. I know of no other area which can compare to it. A word of caution if you visit the

area: bring safety goggles to keep sand out of your eyes, sunscreen and a hat that will stay on your head in a 50mph gust.



General meeting minutes

Meeting was called to order Sept.7th, 2018 at 7pm by president Danny Watts followed by the “Pledge of Allegiance”.

We had about 17 members in attendance and 5 Guests Melissa Martin, Ann Canizales, Neil Carlson, Misty Saldnad and Tommy Wolfe.

Business: minutes in August newsletter were read and approved by membership.No Treasurers Report Was Given

Donations of material and already made bags were made by several for our December show.

-The nights program featured our Club Pres. Danny Watts who gave a presentation of fluorescent rocks and minerals. Danny started the presentation by going over some safety precautions about the type of light to be used for the demonstration. The presentation consisted of Calcite, fluorite, franklinite, seam agates, petrified wood and others. Everyone got their chance to get up close to see the different colors that their rocks would fluoresce. Everyone had a good time.

Intermission was also taken at this time. Snacks and Drinks were provided by many. Thank you to the many hostess we had.

Scott Stevenson then brought up different ways we could advertise for our December show. As of right now members have motioned that we have slots on radio stations Kduc 94.3/ ElPortal kxxz 95.9 and Highway country 98/99. Also online at the AfterBurner, and flyers. The rest is still to be determined due to lack of time left in the evening.

Motion to move forward was made by Lana Heller-Wood and 2nd by Connie Horn

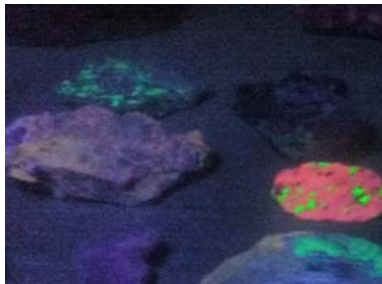
Cab of the month: Vivian Watts- ocean jasper

Door prizes: John Printz, John Pickit, Bill Depue, Carlos Avila, Therese Carlson, Trisha Sheppard, Misty Salnad and Dian Hare

Motion made to adjourn by Lana Heller-Wood and 2nd by Connie Horn

Meeting adjourned at 9:15pm.

Submitted by Lana Heller-Wood



- **Casting** - process which occurs when a liquid fills a cavity and then solidifies. If the cavity originated from decomposition of dead organisms, casting may result in formation of fossils.
- **Breccia** - A coarse grained clastic rock consisting largely of angular fragments of existing rocks.
- **Clastic rocks** - Mechanically redeposited remains of eroded older rocks. Rocks formed of fragments, or clasts, of pre-existing rocks.
- **Feldspars** - group of most common minerals of the Earth's crust. All feldspars contain silicon, aluminum, and oxygen and may contain potassium, calcium and sodium
- **Vug** - Small cavity in a rock filled or lined with crystals/minerals that are different from the host rock.
- **Microcline** - is an important igneous rock-forming tectosilicate mineral. It is a potassium-rich alkali feldspar.

-
-
-

• Rockhound Vocabulary

A	Z	V	I	E	W	I	U	T	P	X	M	T	V	I
C	E	U	C	M	T	Z	V	H	V	E	N	C	E	O
E	J	G	H	Q	A	U	B	I	T	G	L	A	M	E
P	S	A	F	V	K	G	M	A	G	T	Q	F	F	C
F	S	R	W	U	N	M	M	D	Y	P	H	I	E	X
U	L	M	A	I	R	O	P	Z	N	B	K	T	D	T
O	J	X	T	P	R	L	P	G	V	L	Q	N	F	T
I	A	S	H	P	S	H	W	N	U	Y	O	E	Q	D
D	A	P	H	C	U	D	U	Y	C	Z	P	V	J	E
C	P	I	I	X	L	Z	L	L	H	Y	I	C	M	C
X	S	O	V	C	S	A	X	E	T	M	O	R	T	B
M	F	T	Q	C	G	K	S	R	F	K	Q	U	B	S
B	R	E	C	C	I	A	I	T	E	X	O	C	F	Y
C	T	P	A	K	M	U	O	U	I	N	D	G	R	B
E	N	I	L	C	O	R	C	I	M	C	F	F	K	H

Ventifact	Metamorphism	Casting	Breccia	Clastic
Feldspars		Vug		Microcline

Exhibitor Application for Annual Mojave Desert Gem and Mineral Show

Set up on November 30th and show dates on December 1st and 2nd, 2018

Exhibitor Application – MDGMS

Po. Box 138, Barstow, Ca. 92312

We invite you to enter a display at our Annual Gem & Mineral show on December 1st & 2nd
Our show will be held in the community center, 841 South Barstow Rd, next to the Fire Station
Please complete the application by November 4th and return it to: MDGMS Exhibitor application
Po box 138, Barstow, Ca. 92312

Display may be set up from 3pm – 7pm Friday November 30th

Tear down will be from 5pm – 7pm Sunday December 2nd

The MDSMS Club will host a potluck dinner at 6pm on Friday November 30th for all guest exhibitors, dealers and ours club members. We hope you all will attend.

I will need _____ display cases sizes 44”x21” inches

I will need _____ space for my own display cases

Below is a brief description of my display entry/entries:

To be placed in your show case, Please print

Name: _____

Address: _____

Phone: __ (____) _____ - _____

Exhibitor Name Badges 1 _____ 2 _____

3 _____

**For More information please call Danny Watts at (760) 373 – 1309

Mojave Desert
Gem & Mineral Society
P.O. Box 138
Barstow, CA 92312

Stamp

First Class Mail



Newsletter



Desert Diggings

