

DUSTY ROCKS

NOVEMBER

2009



ROCK AND ARROWHEAD CLUB

P.O. BOX 1803

KLAMATH FALLS, OR 97601

www.klamathrockclub.org

~ DUSTY ROCKS ~

VOLUME 50 ISSUE 11

NOVEMBER. 2009 ~ Rock and Arrowhead Club ~ Klamath Falls Oregon

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Klamath Falls, Or. 97603

NFMS Junior Delegate: Alyssa Carnes

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Member @ Large: Marvin Stump

The club mailing address is:
PO Box 1803, Klamath Falls OR 97601
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charlie@klamathrockclub.org

Meetings are held at the Klamath County Museum Meeting Room – Main & Spring Streets, using the *West* entrance. **Meetings are held on the 2nd Monday of each month at 7:00 pm** with the exception of December when we have our Christmas Luncheon and Party.

Visitors are cordially invited:

Dues are \$10.00 per year per adult (\$18 for couples), \$7.50 ages 16-18 and free for juniors ages 15 and under whose parents pay dues. They are paid for the year beginning September 1st and ending August 30th. You are delinquent as of October 1st and are given a 60 day grace period. After December 31st your name will be removed from the mailing list.

General Objectives of the Club:

To promote popular interest, knowledge and understanding in the various earth sciences, as in Geology, Mineralogy, Paleontology and Lapidary and other related subjects. To sponsor and provide means of coordinating the work and efforts of all persons interested therein.

Helping Others:

The club participates in the NFMS stamp program, saving large commemoratives, airmail, pre-canceled, foreign and "ordinary" stamps of all values. Proceeds from stamp sales will be used to benefit any charity deemed worthy by the NFMS Endowment Fund. We also collect pop lid tabs which will be sold with the proceeds going to support and purchase dialysis equipment.

Committee Chairs

Sunshine.....	Chris Chance
Program.....	Jeff Eastburn
Greeter/Door Prize.....	Alyssa Carnes
Refreshment.....	Amanda Newnham
Historian.....	Kathi Milem
Librarian.....	Alyssa Carnes
Claims Rep.....	Garwin Carlson
Field Trips.....	Jeff Eastburn
Show Chair.....	Jennifer Zimmerlee
Asst Show Chair	Marvin Stump
Safety Officer.....	Jeff Eastburn
Publisher/ Webmaster.....	Charlie Wyckoff

THE NORTHWEST NEWSLETTER is published 11 times a year (not published in December). Copies are sent to each member's household. The cost is included in your annual dues.

Two free copies of the **AFMS NEWSLETTER** are mailed to each member club. Subscriptions are available at \$3.50 for 9 issues (not published in July or August and the December/January issues are combined).

Send payment to:
American Federation of Mineralogical Societies
PO Box 26523 Oklahoma City, Ok. 73126.

We are affiliated with

- Northwest Federation of Mineralogical Societies
- American Federation of Mineralogical Societies
- Oregon Council of Rock & Mineral Clubs

Newsletter Editor

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November 2009

October 12th Meeting Minutes

Inside this issue:

Inside Cover ~ Club	1	Rock & Arrowhead Club Secretary notes: October 12, 2009 meeting, provided by Jennie Eastburn
November Minutes	2	Doris Newnham called meeting to order & We said the pledge of allegiance. We welcomed all new members & guests. We would like to make a change to the minutes from last meeting that Ellen Shaffer is the daughter of Jewel Shaffer we are so sorry.
Messages	3	Door prize John Hughes Congratulations.
2010 Show	4	Birthday contributions Don Perryman.
Rock Games	5	There will be a new show Chairman & a new editor for the club. Doris Newnham will be stepping down from President of the club.
News & Notes	6	Treasurers report stands as read.
Member Musings	7	Sunshine report we will be putting it in the newsletter from now on. We would like to keep Ken Newnham in our thoughts and prayers as he is having medical problems now. The daughter of Jewel Shaffer has sent in a thank you to us for the donation we made for her father.
Quartzsite, AZ	8	Librarians report the books are not out tonight.
Citrine vs. Topaz	9	Historians report just need pictures for our website.

Field trips Doreen Chase did some beading & she said that Cindy Howland did beading too. Doris & Gene went to dog mountain & found a lot of rocks. They saw a lot of deer. Chuck Newnham went over to his claim & found some chiller he said they have moved a lot of dirt. Chuck said the green chiller is way up in price. Garwin went to little American Wyoming but he brought some of his stuff tonight to share. Thanks Garwin. Kathi & Alyssa brought back some fluorescent rock for the case for the rock show.

Refreshments Doris and Gene thank you very much. Next month's refreshments are Marvin and Leah Stump.

Program tonight is by Garwin and Marshall thanks. Meeting was adjourned.

Thank you to all of our workers in the rock club we appreciate each and everyone who has helped in the club responsibilities. We would like to get our new members feet wet in some of the jobs that keeps the rock club continuing to be the success that it is .

We would like members to start joining us at the IYS building on main st. for our grant meetings and the preparedness of the rock show that is coming up in just 5 short months from now. We need to get jobs set up for everyone so that our show is great just last years. Thanks again to everyone.

NEXT MEETING:

- November 9th
 - Refreshments: Marvin & Leah Stump
- N.W.F. report no real new stuff at this time.
- Old business Charlie has a bill for the website. Talked about the grant stuff and that we are having another meeting on the 20th at 7pm at the IYS building on main street.
- Let's keep Robert Eli in our prayers he is having problems with his heart. Take care Robert.
- For the Rock show this year it is geodes. So we need to pick a charity for the rock show in March 2010.



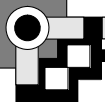


A Message From Our President:

Fall brings a change of seasons and changes at the club. I would like to present Jennifer Zimmerlee as the club's new show co-chair person and editor of the news letter. Thank you and welcome. As a reminder elections are happening at our November meeting, please don't forget to think about nominating a person for president and vice president. If you choose just one meeting to attend this year this is an important one.

Also don't forget we have our Christmas party coming up as well. I know that winter is coming upon us but there is still some rock hunting left towards Medford or heading towards Lakeview. I hope everyone had a good summer and think about our field trips for next year.

Thank you Doris L. Newham



From The Editor

Hi, let me introduce myself. My name is Jennifer Zimmerlee and I was asked to be the new newsletter editor. A new editor means a slightly different vision so I hope to incorporate some new things into each edition. I also look forward to your input and ideas. Amanda always did a wonderful job, so I know expectations are high. A word about me, my Grandparents were John and Ursula Stone and since I was a baby I was taken out to field trips to pick up rocks. I don't remember not being a club member, they were members therefore so was I. I am Klamath Falls native that moved to Nashville, TN to attend Belmont University in 1993 where I graduated with a B.B.A. in Music Business and Marketing. While in Nashville I met my husband, Chris and we lived on 80 acres about an hour east of Nashville for the past 8 years. I moved back to Bonanza to take care of my Grandpa before his passing in June. For now my future is wide open with no idea



Succor Creek, OR 1978

where to go, so for now it's one day at a time. I enjoy finished rock work with an extensive collection of polished and cut rocks spheres and jewelry (my husband complained that we moved 3,000 lbs of rock back to Oregon). I myself have no talent what so ever but enjoy learning what other people can accomplish and then spending money on it. My other hobbies include spending time with my many dogs and cats, I also enjoy books and movies. Please feel free to call or email me at jlazys@hotmail.com or 541-545-6773. I look forward to serving the club and getting to know more members. Thank you,

Jennifer Zimmerlee

Thundereggs & Geodes

SPOTLIGHT ON OUR 2010 SHOW!



Fall is here, winter is coming, please check the calendar and depending on what day you get this we only have 51 days till Christmas and only 120 days till show time. Our show keeps getting bigger and better and that success comes from hard work and the volunteering of our members. Please keep in mind that we need donations of your time and material. Please come to a meeting, or email or call Marvin or myself if you can help. Thanks so much.

Jennifer Zimmerlee

WANTED!

- ◆ We need 120 Geode Slabs to make our show favors. Please Contact Garwin if you can help donate material or time.
- ◆ We need tumbled rock donated to make "critters" for our kid's table.
- ◆ We need rock donated for our silent auction table
- ◆ We need donations for door prizes.
- ◆ We need volunteers
- ◆ We need a charity to be nominated for the show.

Come One Come All!

Show Planning Meetings

IYS Building Corner of Main
Street & 10th Street

6:00 P.M.

November 17th & December
15th - 2009



~ **Geology Word Challenge** ~

Can you match the terms with the definitions?

1 – A chemical that I a found in all plants and animals, as well as in some nonliving things such as rocks, coal, diamonds, and petroleum

2 – is the external expression of the arrangement of atoms in a mineral. Appear geometric in form because the atoms are organized geometrically within the mineral

3 – is a layer of crystals that forms within a mineral crust, like the inner cavity of a geode. Amethyst crystals are often found in a ____

4 – A mineral composed largely of linked chain of silica, aluminum, and oxygen elements. Along with quartz, it is the most common mineral on the continents. The word means “ field crystals.”.

5 – A cut and polished mineral of beauty, durability, and rarity.

6 – A rounded, irregularly shaped mass of stone having a cavity lined with crystals.

7 – A banded or foliated metamorphic rock, usually of the same composition as a granite.

8 – A light-colored, coarse-grained, igneous rock characterized by the minerals orthoclase feldspar and quartz, with lesser amounts of plagioclase feldspar and iron-magnesium minerals.

9 – Rock formed from the cooling of magma (molten rock), either above or below the ground.

SILICATE

RUTILE

QUARTZ

**ISOMETRIC
SYSTEM**

LAMELLAR

OLIVINE

MINERAL

SCHIST

METAMORPHIC

CARBON

FELDSPAR

GEM

DRUZE

CRYSTAL

GEODE

IGNEOUS

GNEISS

GRANITE

10 – Also called the cubic crystal system. Crystals can form in the shape of a cube (such as halite and pyrite), an octahedron (diamond), dodecahedron (garnet), trapezohedron (garnet), and others

11 – Composed of flat, thin layers.

12 – A rock changed from its original form and / or composition by heat, pressure, and chemically active fluids, deep within the crust of the Earth.

13 – A naturally occurring solid that has a well-defined chemical composition and in which atoms are arranged in an ordered fashion.

14 – A rock composed of silica and oxygen with varying amounts of magnesium and iron; brown, yellow, or green color. It is common in certain volcanic rocks.

15 – A very hard, extremely common mineral composed of silica, SiO₂, found worldwide in many different types of rocks, including sandstone and granite.

16 – A lustrous mineral that’s red, brown, or black in color and is composed of titanium dioxide along with a little iron.

17 – A metamorphic rock characterized by distinct layers of mineral grains (usually micas).

18 – Silicon and oxygen in the shape of a tetrahedron that is the heart of this most important of the rock-forming minerals.



For the hay and the corn and the wheat that is reaped,
For the labor well done, and the barns that are heaped,
For the sun and the dew and the sweet honeycomb,
For the rose and the song and the harvest brought home --
Thanksgiving! Thanksgiving!

For the trade and the skill and the wealth in our land,
For the cunning and strength of the workingman's hand,
For the good that our artists and poets have taught,
For the friendship that hope and affection have brought --
Thanksgiving! Thanksgiving!

For the homes that with purest affection are blest,
For the season of plenty and well-deserved rest,
For our country extending from sea unto sea;
The land that is known as the "Land of the Free" --
Thanksgiving! Thanksgiving!

Author Unknown



Fun Thanksgiving Day Fact:

The largest pumpkin pie ever baked according to the Guinness Book of World Records was 2020lbs and 12 feet long. Baked in 2005 it included 900lbs of pumpkin, 155 dozen eggs, 62 gallons of evaporated milk, 300lbs of sugar, 3.5lbs of salt, 7lbs of cinnamon and 2lbs of pumpkin pie spice



Answers from Page 5: (1 Carbon) (2 Crystal) (3 Druze) (4 Feldspar) (5 Gem) (6 Geode) (7 Gneiss) (8 Granite) (9 Igneous) (10 Isometric system) (11 Lamellar) (12 Metamorphic) (13 Mineral) (14 Olivine) (15 Quartz) (16 Rutile) (17Schist) (18 Silicate)

NOVEMBER BIRTHDAYS ~

Robert Gresham – Klamath Falls

Greg Hobbs -----Klamath Falls

Linsey Hawkins ----- Klamath Falls

Kathi Milen -----Klamath Falls

Mark Kochevar -----Klamath Falls

We hope you have a special Day!

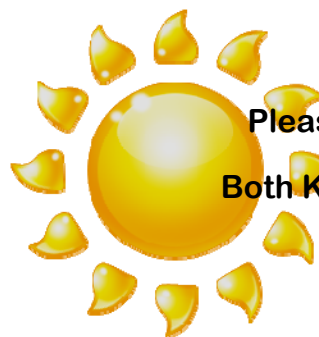
Did you see the Artist Profile on Lois Brandt Phillips in the August 2009 Rock & Gem? The article featured several examples of Lois’s painted rock slabs as well as a picture of Lois painting with her Rock & Arrowhead name tag on her shirt. It was a well written showcase of the talent we have in our club. Look for Lois at upcoming shows!



SUNSHINE REPORT

Please keep our members in your prayers!

Both Ken Newnham & Robert Eli are undergoing some medical issues.



Member's Musings

Our Summer, by Linda Watson & Robert Gresham

We spent most of our summer working, with no time for rockhounding. Robert even spent most of August and September in Washington State working on the trails there. And, that story is the only rock story we have to share of the entire summer.



Robert was working in the Glacier Peaks Wilderness area, approx. 80 miles from the Canadian border. When he was up there, there was still snow in places. And, as he left to go home, the 2009 snow season was starting. They have a pretty short summer. The trails were almost vertical and extremely overgrown with vegetation.



He said that there were large veins of quartz that pushed up through the surfaces and there were even some huge quartz boulders laying around. Since he had to hike in 10 miles or so, carrying all of his tools, sleeping gear and food, he didn't much feel like trying to get a big rock home to me. Darn it! But he did bring home 2 small rocks. Neither is much to talk about. The roundish one looked like a thunder egg he thought, but it's just a lava rock. The small one is a tiny piece of quartz. The cool thing about the quartz one is that it has a lot of mica in it.

That's it from our end. Maybe we'll get out to the sunstone area

Editor's Note: Two features I would like to have on a regular basis are featured on this page. The one above is just a note sharing some of the happenings of our members. Please feel free to write a brief note or story (rock field trips, vacations, family news) and include pictures and we would love to publish it. The bottom feature is another way to share our stories. Please just email me your responses. They can be short or long (may be edited for space), I hope it brings some of the fun we have at the meetings, sharing stories and experiences, to our members near and far.

jlazys@hotmail.com

QUESTION OF THE MONTH:

What is your favorite Quartzsite memory?



QUARTZSITE, AZ 2010

Answering The Call of The Snow Birds.

Where can you beat the snow, see an RV and car show, buy crafts, tools, rocks & gems, all while visiting with a million of your closest friends? Welcome to Quartzsite, Arizona population 3,650; home of the largest open air flea market - craft show - rock and gem shows each January and February. Rock enthusiasts plan their trip all year long, with over 2000 vendors, activities and warm temperatures.

According to the official website Quartzsite is west of Phoenix at the junction of Interstate 10 and US 95, near the Colorado River. The community has a Sonoran Desert setting. The nearby Kofa, New Water and Plomosa Mountains provide topographic relief while the Colorado River lies only 17 miles to the west. Quartzsite was established in 1867 on the site of old Fort Tyson, a privately built structure constructed in 1856 by Charles Tyson for protection against Indian raids. Named Quartzsite because quartz was occasionally found in the area, the name evolved to Quartzsite through an error in spelling.

Besides quartz, rock hounds also can find agates, fossils, gold and limonite cubes to name a few. Other attractions include the Tyson Wells Museum, Crystal Hill, Spanish Wall and Tyson Tanks. With all Quartzsite has to offer no wonder so many of our members make the trip. If you decide to go don't forget to join the Quartzsite Gem and Mineral Club, the nation's largest club, with over 850 members. For \$15 you get information on field trips, classes and use of their shop during your visit (after an orientation class). Check out their website at www.quartzsitegemandmineralclub.org. Check out the calendar of events and enjoy your trip.



HI JOLLY DAZE PARADE January 2, 2010

THE MAIN EVENT

January 9 - January 24, 2010

General swapmeeting/rocks/gems/arts/crafts/
Hit & Miss Engine Show/food concessions 928-927-5213 or mainevent@rraz.net

TYSON WELLS ROCK/GEM/MINERAL SHOW

January 1 - January 10, 2010

TYSON WELLS SELL-A-RAMA

January 15 - January 24, 2010

TYSON WELLS ART & CRAFT FAIR

January 29 - February 7, 2010

928-927-6364 or www.tysonwells.com

QUARTZSITE SPORTS, VACATION & RV SHOW

January 16 - January 24, 2010

ROCK & ROLL CLASSIC CAR SHOW

January 30 - January 31, 2010

HOBBY, CRAFT & GEM SHOW

January 27 - January 31, 2010

800-969-5464 or www.quartzsitervshow.com

43RD ANNUAL POW WOW

January 20 - January 24, 2010

928-927-6325

PROSPECTORS PANORAMA

November 1, 2009 - February 28, 2010

928-927-6467

DESERT GARDENS INTERNATIONAL ROCK, GEM & MINERAL SHOW

January 1 - February 28, 2010

928-927-6361 www.desertgardensrvpark.net
dggemshow@ureach.com

RICE RANCH "YAWL COME" SHOW

November 1, 2009 - April, 2010

www.riceranch.biz or 928-927-8118

QUARTZSITE MARKET PLACE

November 1, 2009 - April, 2010

714-847-5074

5TH ANNUAL WILLPOWER/PAWPOWER ATV PARADE

February 13, 2010

TYSON WELLS BLUEGRASS FESTIVAL

February 13, 2010

CHILI COOK OFF & STATE SALSA CHAMPIONSHIP

February 27, 2010

SEASONAL SWAPMEETING

Hi Ali Swapmeet 928-927-6791

Jenn's Place 928-927-6605

Greaswood Park N Sell 760-922-6322

Quartzsite Traditional Swapmeet 928-927-7792

Liquidator Depot 928-927-5505

Lark 928-927-7123

Good Ground West 631-835-9704

Citrine versus Gold Topaz, The November Birthstones

The two birthstones of November, the citrine and the gold topaz share the yellow colors of fall but, citrine has very little in common with the higher-quality gemstone topaz except for a few nuances of color. There are not many true yellow gemstones in the world of jewels. A diamond or a sapphire may be yellow - those will be expensive, or sometimes a tourmaline or chrysoberyl, though these tend toward green somewhat, a golden beryl or even a pure topaz, which we will mention again later on, can be true yellow. However, the citrine can fulfill everyone's color wishes, from lemon yellow to reddish brown.

The modern November Birthstone the Citrine is:

A member of the large quartz family, the name means yellow of the lemon, although the most sought after stones have a clear radiant yellowish to brownish red.

Has a hardness of 7 on the Mohs scale

- ◆ Rare though it is, yellow does in fact occur in quartz in Nature, if seldom, when there are traces of iron in the silicon dioxide. Historically, it has been found in Spain, on the Scottish island of Arran, in France, Hungary and in several mines overseas.
- ◆ Perhaps the citrine wouldn't have been talked about any more at all if, in the middle of the 18th century, it had not been for the discovery that amethysts and smoky quartzes can also be rendered yellow by so-called burning.
- ◆ Heat treatments at temperatures of between 470 and 560 degrees have to be carried out very carefully and require a great deal of experience. However, in the course of 200 years, its application has become so much a matter of course that most of the stones available in the trade today are in fact burnt amethysts or smoky quartzes.
- ◆ Only a trained specialist can recognize the signs of heat treatment at all, burnt stones having subtle stripes whilst the yellow of natural ones is cloudy.
- ◆ Citrine is believed to help the heart, kidney, digestive tract, liver and muscles. It promotes creativity, helps personal clarity and eliminates self-destructive tendencies

The traditional November Birthstone Gold Topaz:

- ◆ A fluorine aluminum silicate in chemical terms, the topaz is considerably harder and heavier than quartz, and it has a higher refractive index, which endows it with more fire when the color is good.
- ◆ It can be found in all the colors of the rainbow and has been known to Man for at least 2000 years.
- ◆ Orange topaz is known as precious topaz and is the symbol of Friendship and the Utah state gem.
- ◆ The Romans dedicated the topaz to Jupiter.
- ◆ Imperial topaz is yellow, pink, or pink orange, with topaz from Brazil most commonly yellow to a deep golden hue.

◆

In mysticism, the topaz is attributed with a cooling, styptic and appetizing effect. It is said to dispel sadness, anger and nocturnal fears, to warn its wearer of poisons and protect him or her from sudden death. It is reputed to make men handsome and intelligent and sterile women fertile and happy.

