



May 2017

Volume 45 Issue 5

Beehive Buzzer

The official Newsletter of the Beehive Rock and Gem Club, Ogden UT



President's Message

It is May already and we have our first field trip under our belt for the year. Those of you who made it out to the Mammoth Mines and Eureka area, I hope you found treasures worth

keeping. The Eureka area is rich with hounding sites and deserves another trip in the future. This month's trip is to the Woodward Ranch. The stories I hear of past outings with the Woodward Family are exciting and I have seen some of the rocks that have come from those trips. I encourage anyone who can to go for the week or the day trip on Saturday.

One of the keys to success in the world of business is the ability to build a network of contacts. Your success in your mineralogical endeavors will increase if you expand your pool of rock friends. I encourage all our members to come out to the monthly meetings and rub shoulders. Our club has a rich knowledge base and everyone is glad to share what they know. Now if you are new and are not sure who to ask in the club, there is an easy way to tell what members know the most. The answer lies in the precious metal Ag (silver). This metal is found all over the world. Many people don't know that silver has a tendency to absorb into the body of a rock hound. Its only way out of the body is through the top of the head. The more rocks a rock hound handles over their life time the more silver is absorbed. So if you have a question look for the club members with the largest silver deposits on their heads and they will have your answers.

This month is the sample boxes. I look forward to seeing all of you at the May meeting. Remember to follow us on Facebook for new and archived posts and pictures.

Happy Rock Hunting,

Jason Meyer, President

Monthly Meeting Program

Rock Collection Boxes

Tuesday, May 23, 2017 at 7 pm

Golden Hours Senior Center

650 East 25th St., Ogden, UT



For the May monthly meeting, we will be doing the project we have been talking about for the last three months!!! The Club will be doing a project together of assembling a "Rock Collection Box" for

each family so that they have a "Reference Library" of the rocks we go out rock hounding for on our field trips. Even if "You" are already an expert this is also a great tool to put together to give to your kids or grandkids to help them learn about the different types of rocks.

The Cost of each box including the rocks and labels will be \$6 payable at the May meeting.

Anyone who would be interested in donating rock samples for the boxes please call Debbie Larsen at 385-319-2808 for more information and details.

We look forward to doing this project together,

Tom & Debbie Larsen, Program Chairpersons

Clarence Budington Kelland



**"He didn't tell me
how to live; he
lived, and let me
watch him do it"**

2017 Field Trip Schedule

May 11-14: Woodward Ranch, Nephi, Utah

June 8-14: Mc Dermitt, Nevada

July 15: Blue Forrest, Wyoming

August 12: Lyman, Wyoming

September 9-10: Carey, Idaho

October TBA: Floy Wash, Utah

Club Calendar*

May

23 Tue Monthly Club Meeting, 7 pm

29 Monday Memorial Day

June

1 Thu Board Meeting, 6:30 pm

8-14 Thu-Wed Field Trip to McDermitt, Nv

14 Wed Flag Day

17 Fri Father's Day

27 Tue Monthly Club Meeting, 7 pm

July

4	Tue	Independence Day
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6 Thu Board Meeting, 6:30 pm

15 Sat Field Trip to Blue Forest, Wy

24 Mon Pioneer Day

25 Tue Monthly Club Meeting, 7 pm

August

3 Thu Board Meeting, 6:30 pm

12 Sat Field Trip to Lyman, Wy

22 Tue Monthly Club Meeting, 7 pm

*** (Club activities in Bold)**

Door Prize Donations Needed

We are need of donations for door prizes. Any donation is appreciated. If you would like to donate, bring your donations to a monthly meeting or contact Jim and Leora Alexander at 801-399-0785 or email at jwaxell@aol.com.

Silent Auction Donations Needed

We held our first silent auction at the April meeting and it was a success! We plan on having them every meeting. If you have any donations, please bring them to the meeting or contact Dave Offret at 801-791-6081 or email at happyhunting4rocks@gmail.com.

April Monthly Meeting

April 25, 2017

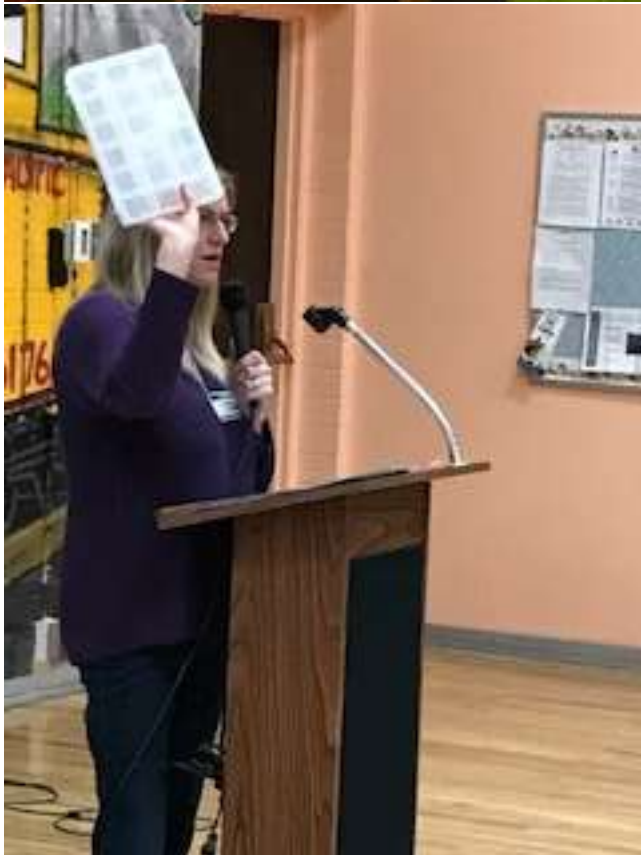
By Dave Harris



Silent Auction Items









"Fatherhood is pretending the present you love most is soap-on-a-rope"
Bill Cosby



Via "Glacial Drifter" 3/17 Via "Clackamette Gem" 4/17

How Do You Know If A Geode Is Hollow Without Opening It?

Everyone knows what a geode is, a spherical rock with a hidden hollow inside usually encrusted with some type of crystals. Here's the caveat though, how do we know if the cavity inside is large or small, that it has lots crystals of just few. Most experienced geode breakers knew a simple "rule of thumb," if one geode of other geodes of the same size weighs less than the others then the lighter one probably had a larger hollow center, thus able to hold more crystals. Well there is a more definitive and mathematical way for calculating whether one geode is more hollow than another. This way is based on the density of quartz. Forgoing all the deep math to calculate the density of quartz, we'll just plug in the numbers and put forth this simple formula.

Weight (if solid) in pounds (lb) = $0.401 \times r^3$ where r is the outside radius of the geode in inches. As you remember from high school geometry r is one-half the diameter and the little 3 above and to the right of the r is an exponent which means you multiply r by itself 3 times! (Didn't you love geometry and algebra?). So if a geode weighs less than it should by this formula, then it has a hole inside. The greater the weight difference the bigger the hole inside should be!

So here it is:

$$\text{Weight (if solid)} = 0.401 \times r^3$$

So let's try it out. Let's take a geode with a diameter of 8 inches and plug it into our formula.

First if the diameter is 8 inches then the radius (r) is 8 divided by 2 ($8/2$) or 4 inches.

Now we can plug our numbers into the formula.

$$\text{Weight} = 0.401 \times 4^3 = 0.401 \times (4 \times 4 \times 4) = 0.401 \times 64 = 24.664\text{lbs}$$

Any geode weighing considerably less would have a greater hollow inside.

So the next time you step up to the geode seller have your scale and calculator ready and get the best geode money can buy.

Good Luck.

Somewhere out there the great hollow geode filled with crystals is waiting for you.

GEODE WEIGHT CHART FOR QUARTZ

(solid wt. = $0.401 \times r^3$)

GEODE DIAMETER WEIGHT IF SOLID

3.00 in	1.35 lbs
3.50 in	2.15 lbs
4.00 in	3.21 lbs
4.50 in	4.57 lbs
5.00 in	6.27 lbs
5.50 in	8.34 lbs
6.00 in	10.83 lbs
6.50 in	13.77 lbs
7.00 in	17.20 lbs
7.50 in	21.15 lbs
8.00 in	25.66 lbs
8.50 in	30.80 lbs
9.00 in	36.50 lbs
9.50 in	43.00 lbs
10.00 in	50.12 lbs

Rhode Island Mineral Hunters, <http://www.rimh.us/id20.html>, via WGM's Rockhoulder Mar 2017

Via Wasatch Gem Society News and Views, May 2017

You are Invited...



GOLDEN SPIKE GEM & MINERAL SOCIETY

ANNOUNCE

! FUN DAYS !

WHEREIN...
DIAMOND PACIFIC WILL PROVIDE A WIDE ASSORTMENT
OF LAPIDARY EQUIPMENT FOR US TO PLAY WITH

PLACE: GEORGE S. ECCLES DINOSAUR PARK - IN THE SCIENCE EDUCATION CENTER
ADDRESS: 1544 E Park Blvd., Ogden Utah

DATE: SATURDAY & SUNDAY - MAY 20TH & 21ST, 2017

TIME: SATURDAY - 8:00 AM "SET UP" UNTIL... 4 OR 5...

SUNDAY - 9:00 AM UNTIL... 4 OR 5...

OR WHENEVER WE GET TIRED OF PLAYING

IN ADDITION

WE ARE ENCOURAGED TO BRING ROUGH & SLABS OF MATERIAL SO THAT WE CAN TRADE AND/OR BARTER WITH EACH OTHER
- OR -

TRADE WITH DIAMOND PACIFIC WHO WILL ALSO BRING A VARIETY OF THEIR MATERIALS

IF YOU PLAN ON ATTENDING

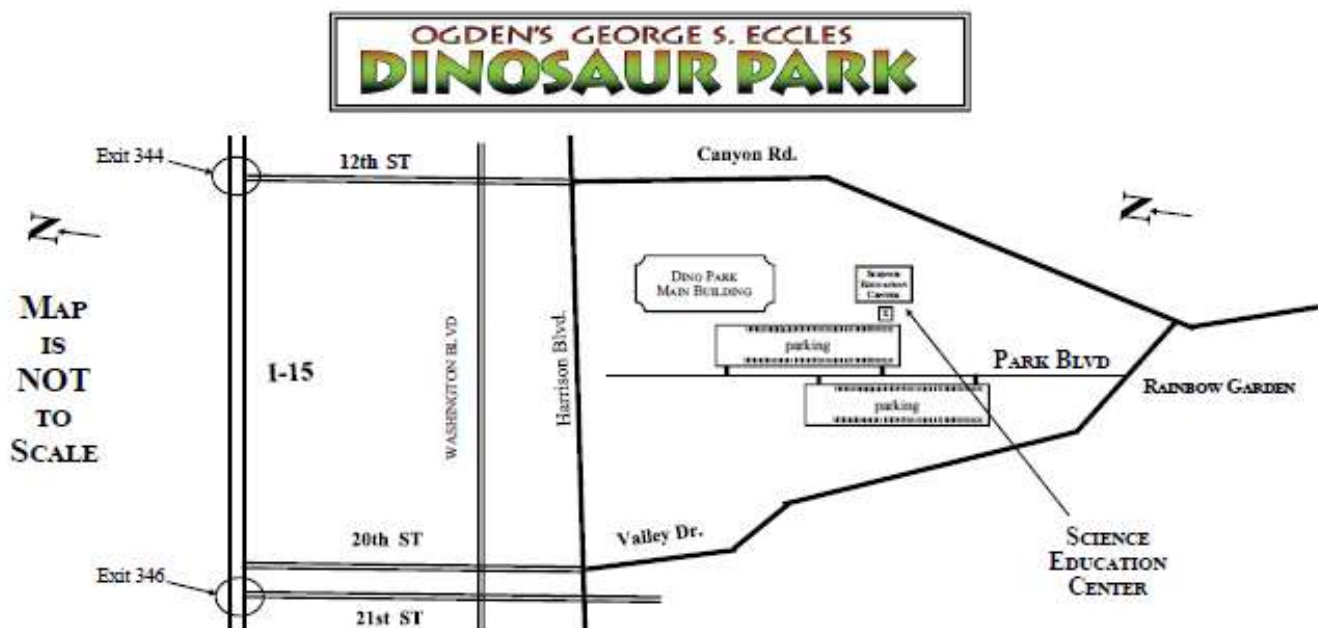
PLEASE CONTACT:

TOM BURCHARD 801-791-2828 OR Roxhund@aol.com

THERE IS A FINITE AMOUNT OF SPACE & TIME. USERS OF THE MACHINES ARE ENCOURAGED TO WORK ON ONE PIECE AT A TIME, SO THAT OTHERS WILL HAVE AN OPPORTUNITY AS WELL.

WE NEED PEOPLE TO SHOW UP EARLY ON SATURDAY.

LES, DON & MYSELF CANNOT DO IT ALONE!!



A Rock-Hound's Box

From the Journal of Bert Kae-Je'

Every Rock-Hound needs a Box, A Rock-Box,
Sometimes, it's a tiny one for the carbon of DeBeers,
Sometimes, it's gigantic for the Lime Cornerstone,
Sometimes it's just the right size for THE collection.
I MUST have, I must have a box, a Rock-Box!

I wandered into the thrift shop and there....
Was a tin box----just the right size, maybe?
Sculpted with a pineapple, a bit unsightly,
But I could paint it.....maybe make it more beautiful.

Boxes-- big, small and huge boxes, lots of boxes,
Every Rock-Hound must have a box,
Cardboard, plastic, metal, wooden crate or case.
But how long will this box hold the rocks, my gems?

Boxes, help us organize, make decisions,
What to keep, and that which we must release.
Is it rare, is it precious or from far away?
Will my rock fit in the box, or do I need to---
Rent a 10 x 12' climate controlled?

Rooms and basements are filled with ROCKS,
Lawn mowers, cars, and boats are parked outside,
Rocks, hard to part with as they whisper ... "keep me,"
Every Rock-Hound needs a box, a Rock-box,

Perchance Rock-Hound, you could tell me about your box?

Via Feb. Tips and Chips

Source: Golden Spike News, February 2017

Officers & Club Information

2016 Board of Directors

Officers

President	Jason Meyer	801-690-6479
Vice President	Debbie Larsen	385-319-2808
Secretary	Dave Offret	801-791-6081
Treasurer	David Law	801-644-4931

Activity Committee and Chairpersons

Field Trip Leader	Roger Bush	801-388-8605
Field Trip Coordinator	Dennis Anderson	801-425-7470
Program	Tom & Debbie Larsen	

385-319-2808

Door Prize	Jim Alexander	801-399-0785
Hospitality	Linda Pilcher	801-392-7620
Communications	Steve Smith	801-731-4216
Membership	David Law	801-644-4931
Mini-show	Alice Crittenden	801-547-7781
Safety	Dennis Anderson	801-425-7470
Publicity	Mark Acker	801-475-4705
Buzzer Editor	Dave Harris	385-205-0304
Associate	Linda Pilcher	801-392-7620
Associate	Leora Alexander	801-399-0785
Calling Committee	Linda Pilcher	801-392-7620

Federation Representatives

Rocky Mountain Federation Delegate	Dan Siler
Utah Federation Delegate	Open
Public Land Advisory Committee	Jim Alexander

Club Affiliations

The Beehive Rock & Gem Club began in April of 1970 and is a member of the following:

Utah Federation of Mineralogical Societies

Rocky Mountain Federation of Mineralogical Societies

American Federation of Mineralogical Societies

Scribe

Advertising Rates:

For sale ads are permitted for members at no charge. Business advertisements will be charged at the rate of \$5.00 for ¼ page or 15 cents per word for less than ¼ page.

Objectives of the Club

The purpose of our club is to stimulate interest in the collection of rocks, minerals, gem materials, and legal fossils. To discuss and impart our knowledge of the different phases of collecting, cutting,

polishing and displaying them. Also to organize educational meetings, field trips and similar events while enjoying and protecting our natural resources.

Membership Dues

Annual membership dues for adult members are:

\$11	Adult Single
\$16	Couple or Family
\$5	Junior Single (Under 18 and not part of a family membership)

Dues are due October 1st of each year.

Meetings

General club meetings are held at 7 pm on the fourth Tuesday of each month at the Golden Hours Senior Center located at 650 E 25th St, Ogden, Utah.

All visitors are welcome!

Board Meetings are held at 7 pm on the first Thursday of each month at the Golden Hours Senior Center located at 650 E 25th St, Ogden, Utah.

Mailing Address

Beehive Rock & Gem Club
P.O. Box 1011, Ogden, UT 84402

Newsletter

The Beehive Buzzer is the official newsletter of Ogden Beehive Rock and Gem Club and is published eleven times per year. Please send submissions and exchange bulletins to beehivebuzzer@gmail.com.

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