

BEEHIVE ROCK & GEM CLUB TIME VALUE DO NOT DELAY
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OGDEN, UT 84404-4277



BEEHIVE ROCK
AND GEM CLUB

P.O. BOX 1011
OGDEN, UTAH 84402

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June, 2010

MEMBER OF UTAH FEDERATION OF MINERALOGICAL SOCIETIES
ROCKY MOUNTAIN FEDERATION OF MINERALOGICAL SOCIETIES
AMERICAN FEDERATION OF MINERALOGICAL SOCIETIES

The Beehive Rock & Gem Club began in April of 1970.

The purpose of our club is: To collect, cut and polish rocks, to gather fossils, mineral specimens, to discuss and impart our knowledge of the different phases of collecting, polishing and displaying-

To promote, organize and hold meetings, outings, trips, and similar events. To enjoy and protect our natural resources.

Permission to reprint from the BUZZER is granted if credit is given as from (the original bulletin if copied, then via "others" or "et al" for those between and then) BEEHIVE BUZZER with date of issue taken from.

**USUAL DATE FOR MEETING - FOURTH THURSDAY - 7 PM OGDEN-
HINKLEY AIRPORT TERMINAL, 3900 S. & AIRPORT ROAD**

November, December have changes. Maybe others.

Call any Board member for current information.



BOARD OF DIRECTORS
OF THE BEEHIVE ROCK & GEM CLUB FOR 2010

President & Board Chair.....	Joe Kent.....	801-771-8184
Vice President.....	Mark Acker.....	801-475-4705
Secretary.....	Bonnie Kent.....	801-771-8184
Treasurer...David Law..4278 S. 2400 W..Roy - 84067...		801-731-4255
Field Trip Coordinator.....	Ray Law.....	801-825-5857
Program Chair.....	Ray Rutledge.....	801-732-8331
Door Prize Chair.....	Jim Alexander.....	801-399-0785
Hospitality Chair.....	Veldora Law.....	801-644-4931
Membership Chair & Club Directory....	David Law.....	801-644-4931
Mini-Show Chair.....	Dean Bennett.....	801-773-7142
Safety Chair.....	Lynn Hayes.....	435-723-2216
Publicity.....	Mark Acker.....	801-475-4705
Editor of BUZZER..Leora Alexander..360 5th St. 84404..		801-399-0785

[Deadline for BUZZER articles is the 2nd Thursday of the month.]

Calling Committee..Need Volunteers to call members before meetings.

6 people calling 6 others + 6 e-mailing 6 others!

FEDERATION REPRESENTATIVES

DUES

Rocky Mountain Federation Delegate.....President
Utah Federation Delegate.....TBA
Public Land Advisory Committee.....Jim Alexander

Due: October 1

Single - \$11

Couple or

Family - \$16

Junior - \$5

Overdue: January 1

See back page for meeting time and place.

Beehive Rock & Gem -



Club Meeting/Activity 6-24-2010

June's club meeting will
two(2) of the club
hounding setups of interest.

be "progressive"- type visits to
member's homes to see their "rock

We won't be meeting at the airport !

The 1st home (Silers) will have a great **workshop** with most of the main types of
lapidary equipment set up for action in a new detached building. **SEE MAP PAGE**
BE HERE AT 6:45 / 7:00 pm. ** LEAVE FROM HERE 7:30 pm (sharp) for the 2nd
home. SEE MAP PAGE

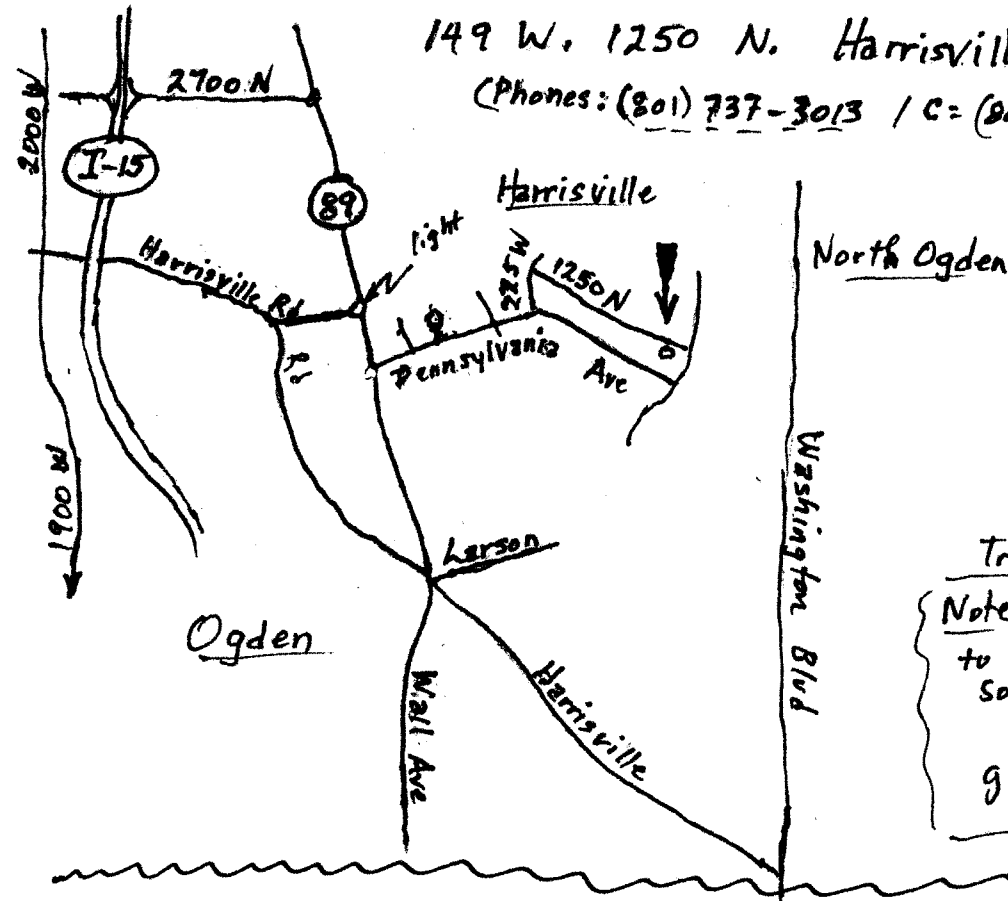
The 2nd home (Rutledges - "Rocky's") will have a great **display museum room** of
rocks, minerals and fossils + fluorescent minerals area - also workshop. **SEE MAP**
PAGE. BE HERE AT 7:50 / 8:00 PM. We will have our field trip
announcements; prize drawings, and "homemade ice-cream" treats here.

Also we invite anyone who would like to bring rocks, etc to "swap" or donate to
other members there will be a cement patio to do that. Any sales items can be done after
the meeting as well. **Again see Map page in this publication -handouts of the**
map locations were given out at the last meeting.

#1 Dan Siler home:

149 W. 1250 N. Harrisville

(Phones: (801) 737-3013 / C: (801) 589-3083)



* Be here @ 6⁴⁵/7⁰⁰ PM

** Leave here @ 7³⁰ PM (sharp)

Transition to next map

Note: Either go west on Harrisville Rd to 2000W (becomes 1900W as you go south to 2nd map)

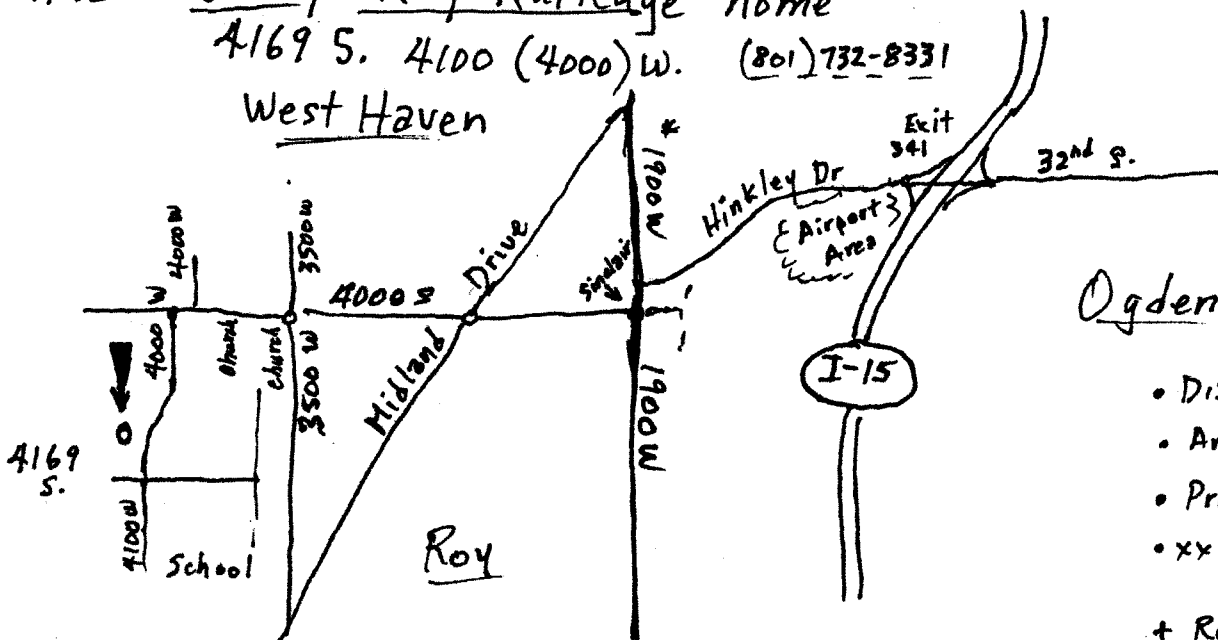
or
go down I-15 south to next map

#2 "Rocky" Ray Rutledge Home

4169 S. 4100 (4000) W. (801) 732-8331

West Haven

* Be here @ 7⁵⁰/8⁰⁰ PM



- Displays + workshop
- Announcements: field trip
- Prize drawings
- xx Homemade Ice Cream

+ Rock swaps

Basic intersection 4000 S 4000 W

Lots of parking available

PREISDENT MESSAGE

Well good morning! At least it is for Bonnie and I. It's June 9th and we are about to leave for Jackpot via Twin Falls. As always the pre trip excitement has elevated our spirits. This is going to be a great trip. I wish more folks from the Beehive Club were going.

When we went with the Federation in 2008, the weather was on and off OK. At times degrading to cold and rainy. The last morning we went out to join Fred at the base of what was called Rich's Hill. Now I've always said I'm not a digger, but Fred was having some luck with the Classic Pink wood. Well we found some too! My 5" diameter tree stump and a number of limb casts. When you get the fever it didn't matter that the wind was blowing 30 mph and the sleet and snow was biting our faces. Yes Bonnie was in the pit too! This was a surprise to me. So here we go back again.

Since being voted in as the Beehive President, it surprises me how much unsolicited email I get from people in various parts of the country. Some are planning trips and are requesting directions, tips, GPS points, and suggestions. I guess that because of this position folks expect me to know something. Well you all know better! I just hope that we can all get out together; find some interesting rocks and learn from those that really know something. You know who you are. Thanks for all your support and patience.

Joe

JUNE'S BOARD MEETING

Wavers, check with David Law to see if you have a waver filled out for our field trips.

School land permits was e-mailed to those who have an e-mail. If need a copy contact

Joe Kent or David Law.

Field trips coming up. June 26th. Day trip to Grouse creek. Contact Ray Law or Dan Siler if interested.

July 2-4th trip to Saliina, If interested contact Ray Law or Dan Siler

UP COMING FIELD TRIPS

June 26th Day trip to Grouse Creek

July 3rd-5th To Salina area

August 6th-8th Vernon Faust area

Agates! Agates! Agates!

A Word Search Puzzle

Angel Wing
Botryoidal Black
Brazilian
Dry Head
Fire Agate
Laguna
Moss
Blue Lace
Damsonite
Ellenburg

Holly Blue
Lake Superior
Montana
Botswana
Carnelian
Dendritic
Blue Flame
Iris
Mexican Lace

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

From Smoke Signals 1/02
via Cedar Valley Gems 5/03

Copper Bracelets?: Is it true that copper bracelets relieve arthritis? This folk remedy has been in disrepute for several years, but now researchers have discovered there may be something to it. Copper, they have found, reacts with the skin chemicals to produce an anesthetic called "ethylene" which can be absorbed into the body.

Post Rock 5/02 via Magic Valley Gem News 2/02
Via Golden Spike News 6/03

STRATA GEM 5/05



"Code of Ethics"

- I will respect both private and public property and will do no collecting on privately owned land without permission from the owner.
- I will keep informed on all laws, regulations or rules governing collecting on public lands and will observe them.
- I will, to the best of my ability, ascertain the boundary lines of property on which I plan to collect.
- I will use no firearms or blasting material in collecting areas.
- I will cause no willful damage to property of any kind such as fences, signs, buildings, etc.
- I will leave all gates as found.
- I will build fires only in designated or safe places and will be certain they are completely extinguished before leaving the area.
- I will discard no burning material - matches, cigarettes, etc.
- I will fill all excavation holes which may be dangerous to livestock.
- I will not contaminate wells, creeks, or other water supplies.
- I will cause no willful damage to collecting material and will take home only what I can reasonably use.
- I will practice conservation and undertake to utilize fully and well the materials I have collected and will recycle my surplus for the pleasure and benefit of others.
- I will support the rockhound project H.E.L.P. (Help Eliminate Litter Please) and will leave all collecting areas devoid of litter, regardless of how found.
- I will cooperate with field-trip leaders and those in designated authority in all collecting areas.
- I will report to my club or federation officers, Bureau of Land Management or other authorities, any deposit of petrified wood or other materials on public lands which should be protected for the enjoyment of future generations for public educational and scientific purposes.
- I will appreciate and protect our heritage of natural resources.
- I will observe the "Golden Rule", will use Good Outdoor Manners and will at all times conduct myself in a manner which will add to the stature and Public Image of Rockhounds everywhere.

Via STRATA GEMS 6/09

We agreed to follow "The Code"
when we joined the Club!

May 2010 Club Meeting

May 27th 2010 was the club meeting.

It was brought to order by president Joe Kent at 7:00

He welcomed everyone. Introduced the Visitors and announced the new members. New members, Janice Callahan, Duffy Moore, Gary Liptort, James Christensen and Scot Hayward. We welcome you all. If we forget to place your name in the Buzzer we are sorry.

Announcements: There is a faceting class boot camp at Klamath Falls Or. On July 8th- 13th . New school land permits will be sent by email or you can get a copy at the meetings.

We are looking for an Editor for the Buzzer and to help Kay Berry with communications

Also we need help with the web page. Please contact any board member if interested .

The program was about the way to tell the difference in rocks from the Chalcedony group. Chalcedony is like the group of dogs.

There is a lot of different types.

Agates are a breed like a Poodles

Jasper is like a Black Labs

Chalcedony are transparent or translucent,

Colorless, white, grayish, blue brown and black.

Agates are the most popular lapidary rock type. There is banded, moss, flame, plume, lace fire ect.

Jasper is impure, opaque and colored.

A bit more granular. Most common colors are, red, browns, yellow and grays.

They are easier to work with- few fractures, smoother surface.

There was a bunch of info. that it would not all fit in the minutes.

The month of June we are going to go to Rocky Rays house and to Dan Silers.

To see their rock shops. Watch for the maps in the buzzer.

AGATES

Agate is a banded, multicolored, variety of Chalcedony. It occurs in an infinite amount of colors and patterns, and no two Agates are alike. The extraordinary beauty and uniqueness of Agate is responsible for its great popularity. Agate must be polished to bring out its full charm; unpolished specimens are dull and ugly. It usually forms in rounded nodules or knobs, which must be sliced open to bring out the internal pattern hidden in the stone. Some varieties have two names that are equally used. Don't be surprised when you see the same definition for two different variety names. You will notice by some varieties that the word *Chalcedony* is used in the definition, instead of Agate (as is in the case in *Dendritic Agate*). This is NOT a mistake. These "varieties" are not really Agates, as they lack banding, and although they have the word agate in their name, are only a variety of Chalcedony. This list below cites only the well known and commonly used variety names.

Blue Lace Agate - Agate with light blue bands in a lacy or wavy pattern.

Botswana Agate - Agate from Botswana banded with fine, parallel lines, often with a preponderance of pink blending into white.

Brecciated Agate - Agate with broken fragments naturally cemented together

Cloud Agate - Grayish Agate with blurry, foggy patches of inclusions.

Crazy Lace Agate - Agate composed of twisting and turning bands of various colors.

Dendritic Agate - Chalcedony with tree-like or fern-like inclusions.

Enhydro Agate - Agate nodule partly filled with water. The water can be seen from the outside of the nodule when held up to the light. Also known as *Enhydritic Agate*.

Eye Agate - Agate with banded, concentric rings.

Fairburn Agate - Beautiful, unique, and rare; Fortification Agate from Fairburn, South Dakota.

Fire Agate - Agate with Goethite or Limonite inclusions, which cause the stone to be iridescent.

Fortification Agate - Agate with a pattern resembling a medieval fortress (i. e. imaginary moat and castle walls can be perceived).

Fossil Agate - Agate as a replacement of organic material.

Iris Agate - Iridescent Agate exhibiting all colors of the spectrum when sliced in thin slabs.

Laguna Agate - Beautiful and colorful type of Agate from Ojo Laguna, Chihuahua, Mexico.

Landscape Agate - Chalcedony with tree-like designs closely resembling scenery.

Mexican Lace Agate - Agate consisting of thin bands in a lacy or wavy pattern.

Moss Agate - Chalcedony with dense inclusions of green Hornblende.

Nipomo Agate - Agate with Marcasite inclusions found in Nipomo, California.

Onyx - Agate where the banding lines are straight and parallel, and consistent in band size.

Oregon Snakeskin Agate - White to cream Chalcedony with a wrinkled or cracked "skin", found in Oregon.

Plume Agate - Agate with inclusions in feather-like patterns.

Pom Pom Agate - Agate with yellow inclusions resembling pom poms.

Pseudo Agate - Agate as a replacement of organic material.

Rainbow Agate - Iridescent Agate exhibiting all colors of the spectrum when sliced in thin slabs.

Sardonyx - Agate with straight parallel bands of brownish to red alternating with white or black bands.

Sagenite Agate - Clear Chalcedony containing inclusions of other materials

Scenic Agate - Chalcedony with tree-like designs closely resembling scenery.

Snakeskin Agate - Reddish brown Agate with black concentric bands.

Star Agate - Agate with banding lines in the formation of a star.

Sweetwater Agate - Chalcedony with star-shaped patterns of manganese oxide inclusions, found in Sweetwater River, Wyoming.

Thunder Egg - Nodule filled with Agate in the center.

Tube Agate - Agate with tube-like formations which are sometimes hollow.

From The Agate Licker, 02/05; via The Burro Express, 03/05; via T-town Rockhound, 05/06

Tips and Hints

Dendrites are perhaps the most common geological oddity. They usually resemble a tiny fern frond. The term "dendritic" refers to a branching figure. They are usually formed in thin hard-bedded shale and limestone. Concentrations of black manganese oxide percolate into the cracks leaving behind dendrites".

via BEMS Tumbler, 5/06; via Gneiss Times, 4/06; via The Glacial Drifter, 5-8/96; from The Fossil Enquirer, 11/89

Did you know?

Jewelers recognize four organic substances as gemstones: Ivory, pearl, amber and coral. Other precious and semi-precious gems are considered minerals.

Via Rolling Stones Beacon 11/2004

Via BRECCIA, SAN JOSE, 7/06

FIELD TRIP REPORT

WOW!!! What a fun trip to Nephi area! The host and hostess Dick and Belinda Woodwod and family. They had prepared a wonderful campsite on their property. Fire-pits- even wood for an evening campfire. We all had a good time ogling over their rock collections. Yes! We got rained on but, that didn't keep us down. The wood is going to be beautiful- other agate should work up also. I think I had the most fun of all- it was My 70th birthday with cake and ice cream.mmm. Most of the jokes were on me, but you Who missed it should have been there. It was fun and we all had some good laughs.

Snakebite

Beehive Club's "Dog Valley Dig" (May 13-17) by "Rocky" Ray

The sight of a "village" of white trailers spreading up the gentle, green slopes of the Woodward's property in Dog Valley was magnificent. The contrast of the red rock quarry in the background, white and dark gray clouds against patches of blue sky added to the delight of color. My senses overcame those thoughts I had of the funeral in the morning and the four rain and sleet storms I had passed through to get there.

The Woodward's had done a real nice job of leveling out campsites, roads, laying out log-enclosed sets of horseshoe pits, an archery target, and 2 huge, metal crushing cones for fire pits along with lots of firewood, trash barrels, and log chairs, etc. Later the light showers and sun created a most brilliant set of rainbows so near the campsight that it almost felt like a "sin of omission" to have forgotten the camera.

Socially we had a great time, especially Saturday evening. Belinada was a hoot as she wound down from caring about many of the affairs of the day. A total of 47 individuals were involved in the field trip. Twelve of them (in 3 vehicles) participated and left on Saturday. Some brought friends. On Saturday we had 2 medical doctors, 2 nurses, and other medical type people there but had no "heart attacks" to see any of them in action.

One of the highlights was celebrating the 70th birthday of Blaine Noorlander (AKA "Snakebite"; AKA "Landslide", AKA etc.). On Monday night we also celebrated the birthday of Ray Law (our fearless field trip leader). There was always a lot of activity going on in the horseshoe pits and around the fire pits (+ story telling+ swaps, etc.

Although, I came out mainly to support the club, help others and be there for the birthday parties, I found a few rock samples that "begged me to take them home" (3 in all). Items found by those there included on Friday: nice petrified wood including rounds and pieces; Saturday: Golden Swirl Agate, palm wood (some nice red pieces), Honey Onyx, travertine; black-white onyx; etc. ---- A great Beehive field trip.

"Rocky" Ray

CONGRATULATIONS TO JULY

BIRTHSTONES - Ruby for Freedom or a Contented Mind. Aluminum oxide/corundum, the red shades are caused by a minute amount of chromium. A flawless stone is worth more than a diamond. 9 on Moh's Scale of 10.

Light reflecting off tiny crystal rutile needle inclusions orient along the crystal faces and form the popular Star Ruby.

ANNIVERSARIES - Ruby, 40th. Star Ruby 52th

Red Spinel - magnesium aluminum oxide.

Moh's Scale hardness of 8.

Some of the "rubies" in Crown Jewels have been identified as perfect spinels.

BIRTHDAYS AND ANNIVERSARIES

Rubellite - Red or pink tourmaline - a complex silicate of boron and aluminum. A hardness of 7-7 1/2 on Moh's Scale.

Pinks are rich in lithium. The most famous is the "Pala Pink" found in California mines.

Edward S. Dana says "The pink variety called rubellite, is often associated with the lithis mica lepidolite."

FLOWERS - Larkspur for ardent attachment.

In the wild a purple-blue, domesticated ones come in many soft colors.

Water Lily, a newer choice, comes in pink, white or yellow.