

**BEEHIVE ROCK & GEM CLUB TIME VALUE DO NOT DELAY**  
**LEORA ALEXANDER, EDITOR FIRST CLASS MAIL**  
360 5<sup>TH</sup> STREET  
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 all" 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 be 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 2<sup>nd</sup> home. SEE MAP PAGE**

The 2<sup>nd</sup> 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.**

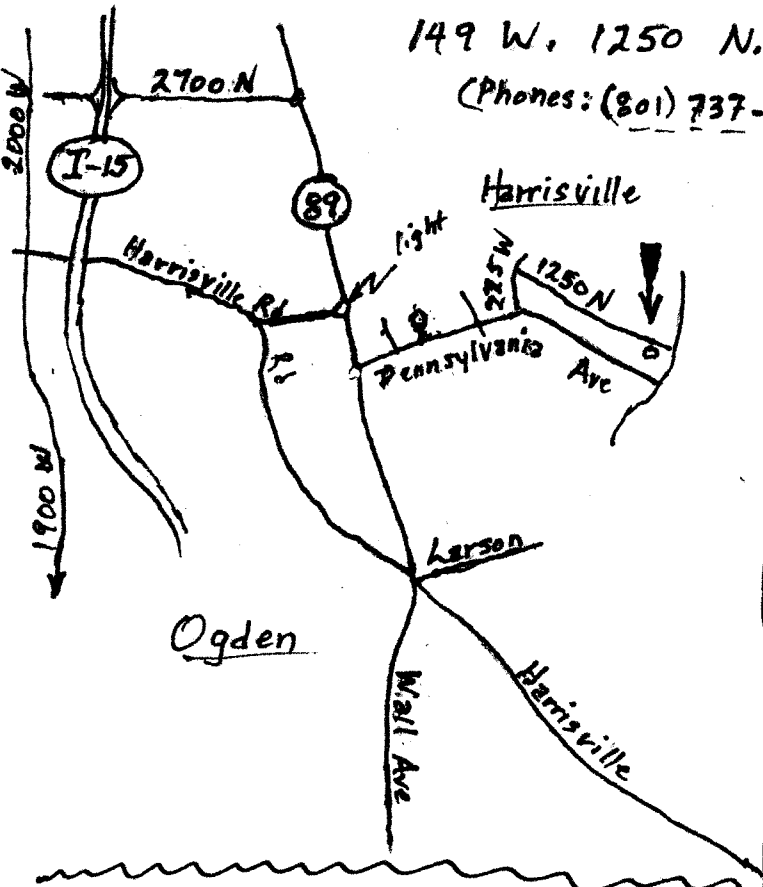
**Also we** invite anyone who would like to bring rocks, etc to "swap" or donate to other members there will be a cement patio to do that. Any sales items can be done after the meeting as well. **Again see Map page in this publication -handouts of the map locations were given out at the last meeting.**

MAP for Beehive Club Program / Activity 6-24-2010

#1 Dan Siler home:

149 W. 1250 N. Harrisville

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



North Ogden

\* Be here @ 6<sup>45</sup> / 7<sup>00</sup> PM

\*\* Leave here @ 7<sup>30</sup> PM (sharp)

Transition to next map

Note: Either go west on Harrisville Rd to 2000w (becomes 1900w as you go south to 2<sup>nd</sup> map) or go down I-15 south to next map

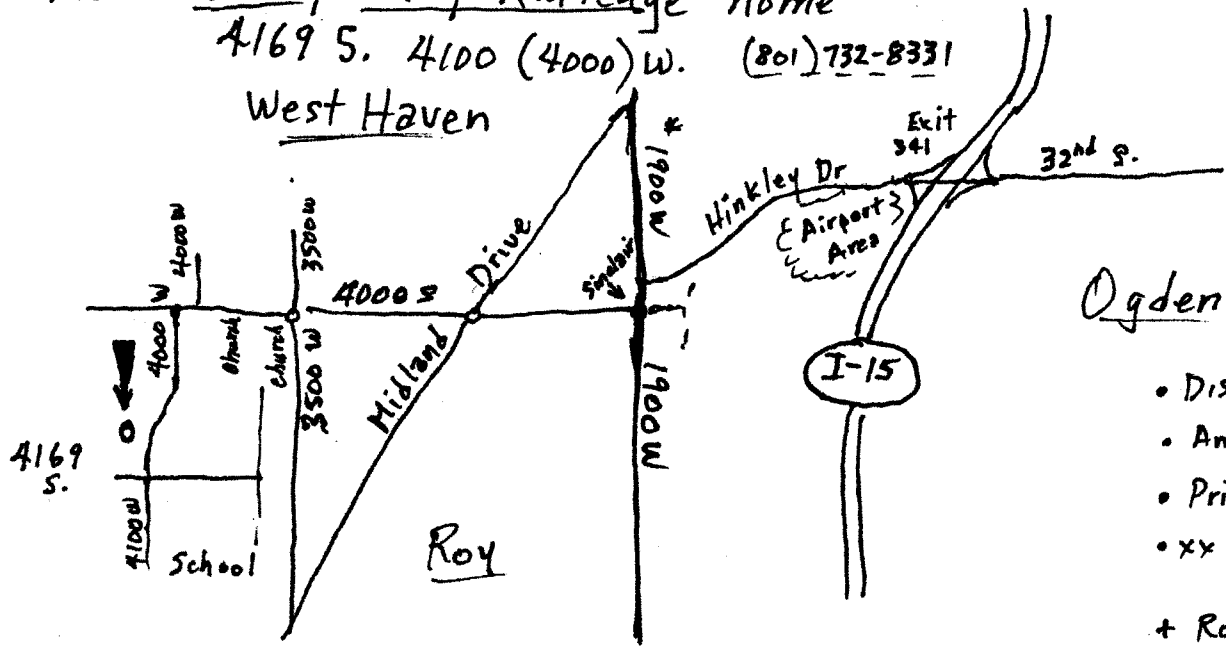
#2 "Rocky" Ray Rutledge home

4169 S. 4100 (4000) W.

(801) 732-8331

West Haven

\* Be here @ 7<sup>50</sup> / 8<sup>00</sup> PM



Ogden

- 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 26<sup>th</sup>. Day trip to Grouse creek. Contact Ray Law or Dan Siler if interested.

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

### UP COMING FIELD TRIPS

June 26<sup>th</sup> Day trip to Grouse Creek

July 3<sup>rd</sup>-5<sup>th</sup> To Salina area

August 6<sup>th</sup>-8<sup>th</sup> Vernon Faust area

# Agates! Agates! Agates!

A Word Search Puzzle

Angel Wing	Holly Blue
Botryoidal Black	Lake Superior
Brasilian	Montana
Dry Head	Botswana
Fire Agate	Carnelian
Laguna	Dendritic
Moss	Blue Flame
Blue Lace	Iris
Damsonite	Mexican Lace
Ellenburg	



## "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 8/09

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

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

## May 2010 Club Meeting

May 27<sup>th</sup> 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 8<sup>th</sup>- 13<sup>th</sup>. 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

