



# The Rock-It

Oct/2011

## Officers: For 2011 and 2012

**President:** Josh Heater (971) 570-5456  
**Vice President:** Dan Espeland (503) 703-4241  
**Secretary:** Merri Miller  
**Treasurer:** Troy Smith (503) 646-1932  
**Federation Director:** Edna Nelson (503) 397-5284  
**Board Member:** Lee Boerner (360) 721-7996  
**Board Member:** Steve Nelson (360) 397-5284  
**Past President:** Ellis Valenter (360) 254-4508  
**Committee Chairpersons:**  
**Show Chairperson:** Mary Jean Dowell (360)-721-9095  
**Exhibits Chairperson:** Patty Amos (360)-892-3716  
**Dealer Chairman:** Rita McCord (503) 720-9826  
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**Club Historian:** Sue Dickerson  
**Librarian:** Barbara Brandt-(503) 685-3690  
**Programs:** Jan Davis-Shelley (503) 348-4833  
**(Monday meeting)**  
**Display Table:** Richard Shellhammer (503)-658-8003  
**Membership:** Merlia Tilgner (503) 666-2905  
**Regional Advisor:** Wayne Werder (503) 233-8934  
**Regional Advisor:** Rick Beehler(360) 601-6855  
**Greeter:** Rotating  
**Trip Coordinator:** Open  
**Field Trip Leader:** Open  
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**Oregon Council Rep:** Lenora Smith  
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## Traveling Cases:

**Editor:** Patty Amos (360)- 892-3716 **Email:** [packrats2@q.com](mailto:packrats2@q.com) this is a **new email address** or **Snail mail:** 15523 NE 215<sup>th</sup> Ave, Brush Prairie, WA 98606. Send: **snail mail articles** to this address for paper.

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**Website:** check us out on our new web site.  
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## Regional Photos

I would like to put in everyone's pictures but it would make a very large newsletter. I have only put in some of the cases or events. When I get the list of all of the winners of awards I will include it in the newsletter. There were a lot of very nice cases.



Fred and Wilma this was a very cute display



Kids Corner



Club Case



Demonstrations





Rock Food Table



Society Case



## We've Been Forgotten

You loaned us to the club for display at Rice Museum during the first half of 2009. We didn't have our owners name with us and we weren't identified on any inventory list. Our owner was searched for but not identified. So, please pause for a moment and think of 'sunstones' that you once loaned for display and forgot. If you remember us please contact Michael Brown and describe.





**October Birthdays**  
**I have no Birthdays or Anniversaries**

## **PUMPKIN CREAM MUFFINS**

- 1-1/3 C. sugar, divided
- 1-1/4 c. flour
- 2 tsp. Cinnamon
- 1 tsp. Baking soda
- 1/2 tsp salt
- 3 eggs, divided
- 3/4 cup oil
- 1 cup canned pumpkin
- 8 oz pkg. Cream cheese, softened

Combine one cup sugar, flour, cinnamon, baking soda, salt, 2 eggs, oil and pumpkin; set aside. In a separate bowl, blend together cream cheese, remaining sugar & egg. Pour pumpkin mixture into greased muffin cups, filling 2/3 full. Place a heaping teaspoon of cream cheese filling in the center of each muffin. Sprinkle each with one teaspoon topping mixture. Bake at 350\* degrees for 15 to 18 minutes. Makes 1-1/2 dozen muffins.

### **Topping:**

- 1/3 cup sugar
- 1/4 tsp. Cinnamon
- 3 Tbs. Flour
- 2 Tbs. Butter

Combine all ingredients until crumbly



## **Shop Tips**

### **REMOVING A STONE FROM BEZEL SETTING**

If you've forgotten to use dental floss and got your stone caught in a bezel, there's one thing you can try before starting to pry. Find some sticky wax or beeswax. Roll it into a pencil-sized cylinder and stick the end onto the top of the stone. Mold it on well and yank.

If all else fails, you either have to very carefully pry open the bezel with a sharp knife blade or drill a small hole in back of the stone and push it out with the point of a scribe.

### **MAKING YOUR OWN MOKUME**

Ever think about making your own mokume? Here's a link to the detailed steps in the sequence as done by a professional. Look for mokume on <http://www.rchristopher.com/tech/>

### **FOREDOM STAND**

A quick and easy way to suspend a Foredom over your jewelry bench is to use some steel pipe components from your local hardware store. It attaches with a couple screws and costs a little over \$10.

I use 1/2 inch galvanized pipe and fittings. To build a stand that attaches to the top of your bench, all you'll need is a flange and a thirty inch length of the pipe. If you prefer a stand that attaches to the side of your bench, you'll need a little longer pipe, three foot, a flange, and a 90 degree "street elle".

Finally, make a hook that goes into the top of the pipe to hang the motor from. You can use heavy coat hanger wire or better yet, a 1/8 steel rod from the hardware store.

More BenchTips by Brad Smith are at [groups.yahoo.com/group/BenchTips/](http://groups.yahoo.com/group/BenchTips/) or [facebook.com/](http://facebook.com/)

State Gems I am starting a column of state gems so will try and include one in each newsletter until I have gotten them all.

## Alabama State Gemstone or Gem



**Star Blue Quartz**

**(SiO<sub>2</sub> , Silicon dioxide)**

**Adopted in 1990.**

Alabama's state gem is the Star Blue Quartz, SiO<sub>2</sub>, Silicon dioxide. It is one of the most beautiful gemstones on earth, and the cheapest because there are so many. There are also other states with quartz. The Star Blue Quartz was named in 1990.

Most quartz is a souvenir of volcanoes, which melt silica, which is then carried by water into crevices, where it crystallizes. Such quartz often includes traces of other

minerals picked up by water flowing underground.

Crystalline form of silica SiO<sub>2</sub>, one of the most abundant minerals of the Earth's crust (12% by volume). Quartz occurs in many different kinds of rock, including sandstone and granite. It ranks 7 on the Mohs scale of hardness and is resistant to chemical or mechanical breakdown. Quartzes vary according to the size and purity of their crystals. Crystals of pure quartz are coarse, colourless, transparent, show no cleavage, and fracture unevenly; this form is usually called rock crystal. Impure coloured varieties, often used as gemstones, include agate, citrine quartz, and amethyst. Quartz is also used as a general name for the cryptocrystalline and noncrystalline varieties of silica, such as chalcedony, chert, and opal.

There is different colored quartz. New Hampshire has smokey, South Dakota rose, Arkansas and Georgia star blue. Quartz is made into glass, eyeglasses, electrical components, abrasives, and gemstone and building stone. There is a little bit of quartz in every rock. Quartz is made of silicon dioxide (SiO<sub>2</sub>).

**Blue** (Or gray/lavender): A good healing stone for linking heart with throat and brow Chakra. to expand self expression and creativity, plus refining communication skill to new levels. Eases throat tension. Immune system, thyroid, iodine and B Vitamin use. Some say shining light through Blue Quartz can help reduce need for glasses. Still evolving. Yin.

*Became the state gemstone in 1990 by Act No. 90-203*

**Source:**

*Acts of Alabama, March 29, 1990*

## General Quartz Information

<b>Chemical Formula</b>	SiO <sub>2</sub>
<b>Composition</b>	Molecular Weight = 60.08 gm Silicon 46.74 % Si 100.00 % SiO <sub>2</sub> Oxygen 53.26 % O
<b>Empirical Formula</b>	100.00 % (SiO <sub>2</sub> )
<b>Environment</b>	Sedimentary, metamorphic, and igneous rocks.
<b>IMA Status</b>	Approved IMA 1962
<b>Locality</b>	Found world wide
<b>Name Origin</b>	From the German "quarz", of uncertain origin

### Discounts for Seniors

Here is a listing of discounts for 'seniors' in case you didn't know. A lot of time you must ask if they give senior discounts even though 'we' may look like seniors. The AT&T Special Senior Nation 200 Plan for \$29.99/010 (65+) was new.

### Restaurants & Stores

- Applebee's:** 15% off with Golden Apple Card (60+)
- Arbys:** 10% off (55+)
- Ben & Jerrys:** 10% off (60+)
- Bennigans:** discount varies by location
- Bobs Big Boy:** discount varies by location (60+)
- Boston Market:** 10% off (65+)
- Burger King:** 10% off (60+)
- Captains Ds Seafood:** discount varies on location (62+)
- Chick-Fil-A:** 10% off or free small drink or coffee (55+)
- Chilis:** 10% off (55+)
- CiCis Pizza:** 10% off (60+)
- Culvers:** 10% off (60+)
- Denny's:** 10% off (55+)

- Dunkin Donuts:** 10% or free coffee (55+)
- Einstein's Bagels:** 10% off bakers dozen of bagels (60+)
- Fuddruckers:** 10% Off any senior platter (55+)
- Gattis Pizza:** 10% off (60+)
- Golden Corral:** 10% off (60+)
- Hardees:** \$0.33 beverages everyday (65+)
- I-HOP:** 10% off (55+)
- Jack in the Box:** up to 20% off (55+)
- KFC:** free small drink with any meal (55+)
- Krispy Kreme:** 10% off (50+)
- Long John Silvers:** various discounts at participating locations (55+)
- McDonalds:** discounts on coffee everyday (55+)
- Mrs. Fields:** 10% off at participating locations (60+)
- Shoneys:** 10% off
- Sonic:** 10% off or free beverage (60+)
- Steak n Shake:** 10% off every Monday & Tuesday (50+)
- Subway:** 10% off (60+)
- Sweet Tomatoes:** 10% off (62+)
- Taco Bell:** Free drinks for seniors at participating locations
- Wendy's:** A free drink at some locations. Ages (55+).
- Goodwill:** 10% discount one day a week for ages (55+). Specifics may vary by location.
- Jiffy Lube:** Many locations offer a discount for ages (55+).
- SuperCuts:** \$2 off hair cut. Ages (60+).
- Great Clips:** disconut for (60+)
- Ross:** 10% off on Tuesdays for ages (55+) at participating locations
- Michael's:** Discount on Tuesdays with AARP card.
- Jiffy Lube** Many locations offer a discount for ages (55+).
- Kohl's** Every Wednesday. 15% discount. Ages (62+).
- Via:** Chiaso Hi Lights and internet



## Mineral IQ Test

1. What is black mica called
2. What color streak does hematite leave on an unglazed porcelain tile?
3. What does pseudomorph mean?
4. What is the purple variety of quartz called?
5. Are diamonds found in meteorites?
6. In the mineral kingdom, what is a halfbreed?
7. Johann Wolfgang von Goethe had what mineral named after him?
8. What mineral is 4 on the Mohs Hardness scale?
9. Which mineral is a natural magnet?
10. Which is the stalagmite and the stalactite?
11. What is another name for pyrite?
12. What is a "thin section"?
13. What's the difference between magma and lava?
14. What is silver/clear mica called?
15. Is amber a mineral?
16. What are aa and pahoehoe?
17. What's the difference between a meteorite and a meteor?
18. Do meteorites come from meteor showers?
19. Where in outer space do meteorites originate?
20. Which mineral has variable hardness?
21. What is the principle use of bauxite?
22. What is "quicksilver"?
23. Why is Rancho La Brea famous?
24. What common natural glass is still used in eye surgery?

by Anita Westlake from Tips & Trips, April 2011  
meteor via *Gem Cutters News* – June-July, 2011

## Nifty Rock Hound Bumper Sticker Slogans

*Submitted by Bob Livingston*

Love a Geologist – feel your earthquake.  
Love a faceter – they,,re a cut above the rest.

Love a Mineralogist – but don,,t take them for Granite.

Love a beader – but they,,ll string you along.

Love a Paleontologist – but be aware.

They collect old dead things.

I collect rocks too! Diamonds, rubies, topaz, emeralds...

Amateur Paleontologist – Professional Rock Collector

Amateur Mineralogist – Professional Rock Collector

VIA WICHI TA GEM & MINERAL SOCIETY,  
INC QUARRY QUIPS



## **CLACKAMETTE MINERAL & GEM 'S 47TH ANNUAL GEM AND ROCK SHOW "ROCK & GEM HEAVEN IN 2011"**

**CLACKAMAS COUNTY FAIRGROUNDS  
694 NE 4TH AVE. CANBY, OR**

**OCTOBER 22 & 23, 2011**

**SAT.9 AM - 6 PM,**

**SUN.10 AM - 5 PM**

**FREE ADMISSION**

For More Information Contact: Rick Mauer:  
(503) 691-6395 or tallerricardo@juno.com,  
Bea Settle: (503) 631-3128,  
[www.clackamettegem.org](http://www.clackamettegem.org),  
[rockhound@clackamettegem.org](mailto:rockhound@clackamettegem.org)

## Utah Honeycomb Calcite

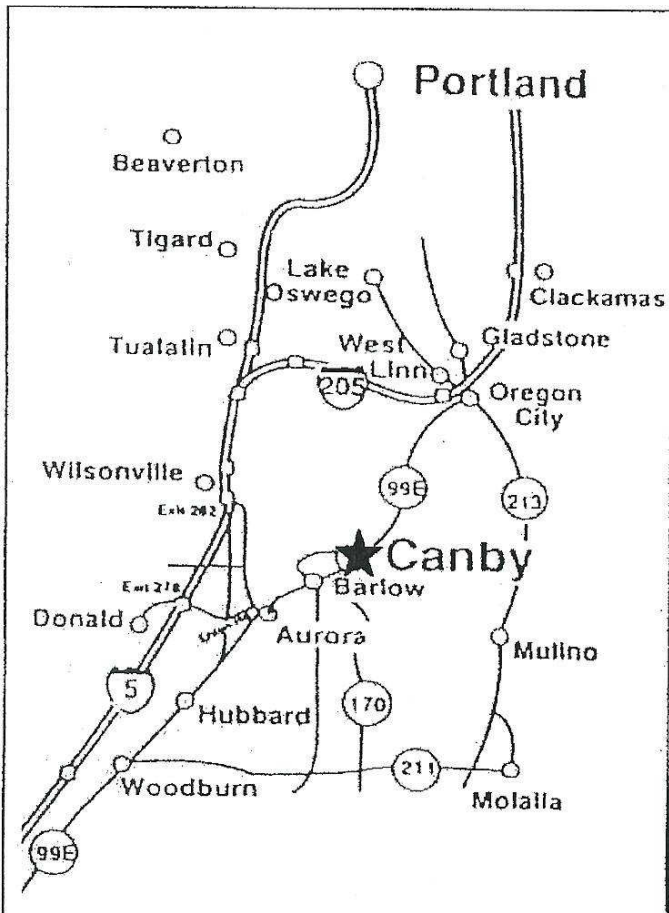
Honeycomb Calcite is beautiful and impressive form of calcite named exclusively in the state of Utah much like onyx and marble it can provide a colorful replacement for a dramatic accent stone for architectural and artistic applications. The name comes from the remarkable honeycomb appearance when viewing a polished surface. It is formed by the growth of long fibrous tubular cells and crystals of honey color outlined by white membranes surrounding each cell. The coloring is attributed to iron deposits at the time of formation.



Camp Hancock Students pieces



Bidding on rock for Christmas dinner



## Fairground Directions

### Heading South from Portland on I-5

Take EXIT 282A (Canby/Hubbard) and go 1.6 miles  
Turn Left at stoplight - Arndt Rd  
Go 1.9 miles and you will come to a Y in the road, stay left  
You will now be on Knights Bridge Rd  
Go 2.1 miles and take a Right on Grant St. (Stopsign)  
Then take a left on 4th Ave  
4th Ave takes you directly to the Fairgrounds which will be on your left.

### Heading North from Salem on I-5

Take EXIT 278 (Aurora/Donald) and turn right onto Ehlen Rd  
Follow Ehlen Rd into Aurora to Hwy 99E  
Take a Left onto Hwy 99E  
Go through Canby and take a Left into Fairgrounds at Pine St (Stoplight)  
(You will see the Fairgrounds Sign)

### Heading South from Portland on I-205

Take EXIT 9 (Oregon City)  
Turn Left at the stop light onto Hwy 99E  
Follow Hwy 99E for 10 miles South into Canby  
Fairgrounds will be on your Right as you enter Canby  
Turn Right at the stoplight for Pine Street  
(You will see the Fairgrounds Sign)



Club Claim



Our Future Rockhounds

## Club Show

It is never too early to start thinking about what you want to do at the club show. There are many jobs to fill and other activities going on there. We also need a lot of polished rock and thunder eggs for the Easter Egg hunt. So until the club tumbler gets running it is up to all of the club members to do your share. Start thinking of your display cases also. We have winter months coming which gives you lots of time to come up with ideas. Let's make this one of the best shows this coming year.

## Mineral Test Answers

1. Biotite
2. Red to Brownish Red
3. False-Form
4. Amethyst
5. Yes, most notably in Canyon Diablo
6. A specimen of half silver and half copper
7. Goethite
8. Fluorite
9. Magnetite
10. Stalagmite grows up mightily from the ground. Stalactites have to hang on tight to drip from the ceiling
11. Fools Gold
12. A wafer thin slice of a mineral or meteorite that is virtually transparent. It is placed in a polarized microscope to identify individual minerals and their crystal structures.
13. Magma forms inside the volcanic chamber lava flows outside the chamber and is visible to the eye.
14. Muscovite
15. No it does not pass one of the five characteristics of a mineral most specifically "inorganic"
16. Types of lava. Aa is named for the sound one makes when walking upon its rough surface pahoehoe is ropy lava.
17. A meteorite is a rock from space that makes it to the ground. A meteor is the LIGHT you see when the meteor-oid hits the earth's atmosphere and briefly catches fire.
18. No-Meteor showers are cyclical and are the result of comet trails intersecting with earth's orbit.
19. The asteroid Belt between Mars and Jupiter
20. Kyanite
21. Aluminum
22. Mercury (the liquid metal that used to be in thermometers)
23. The La Brea Tar Pits where hundreds of animals were found preserved in tar
24. obsidian





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**Star Blue Quartz**

**(SiO<sub>2</sub> , Silicon dioxide)**

**Adopted in 1990.**

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**Source:**

*Acts of Alabama, March 29, 1990*

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<b>Composition</b>	Molecular Weight = 60.08 gm Silicon 46.74 % Si 100.00 % SiO <sub>2</sub> Oxygen 53.26 % O <hr style="width: 10%; margin-left: auto; margin-right: 0;"/> 100.00 %
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<b>Locality</b>	Found world wide
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- Long John Silvers:** various discounts at participating locations (55+)
- McDonalds:** discounts on coffee everyday (55+)
- Mrs. Fields:** 10% off at participating locations (60+)
- Shoneys:** 10% off
- Sonic:** 10% off or free beverage (60+)
- Steak n Shake:** 10% off every Monday & Tuesday (50+)
- Subway:** 10% off (60+)
- Sweet Tomatoes:** 10% off (62+)
- Taco Bell:** Free drinks for seniors at participating locations
- Wendy's:** A free drink at some locations. Ages (55+).
- Goodwill:** 10% discount one day a week for ages (55+). Specifics may vary by location.
- Jiffy Lube:** Many locations offer a discount for ages (55+).
- SuperCuts:** \$2 off hair cut. Ages (60+).
- Great Clips:** disconut for (60+)
- Ross:** 10% off on Tuesdays for ages (55+) at participating locations
- Michael's:** Discount on Tuesdays with AARP card.
- Jiffy Lube** Many locations offer a discount for ages (55+).
- Kohl's** Every Wednesday. 15% discount. Ages (62+).
- Via:** Chiaso Hi Lights and internet



## Mineral IQ Test

1. What is black mica called
2. What color streak does hematite leave on an unglazed porcelain tile?
3. What does pseudomorph mean?
4. What is the purple variety of quartz called?
5. Are diamonds found in meteorites?
6. In the mineral kingdom, what is a halfbreed?
7. Johann Wolfgang von Goethe had what mineral named after him?
8. What mineral is 4 on the Mohs Hardness scale?
9. Which mineral is a natural magnet?
10. Which is the stalagmite and the stalactite?
11. What is another name for pyrite?
12. What is a "thin section"?
13. What's the difference between magma and lava?
14. What is silver/clear mica called?
15. Is amber a mineral?
16. What are aa and pahoehoe?
17. What's the difference between a meteorite and a meteor?
18. Do meteorites come from meteor showers?
19. Where in outer space do meteorites originate?
20. Which mineral has variable hardness?
21. What is the principle use of bauxite?
22. What is "quicksilver"?
23. Why is Rancho La Brea famous?
24. What common natural glass is still used in eye surgery?

by Anita Westlake from Tips & Trips, April 2011  
meteor via *Gem Cutters News* – June-July, 2011

### Nifty Rock Hound Bumper Sticker Slogans

*Submitted by Bob Livingston*

Love a Geologist – feel your earthquake.  
Love a faceter – they,,re a cut above the rest.

Love a Mineralogist – but don,,t take them for Granite.

Love a beader – but they,,ll string you along.

Love a Paleontologist – but be aware.  
They collect old dead things.

I collect rocks too! Diamonds, rubies, topaz, emeralds...

Amateur Paleontologist – Professional Rock Collector

Amateur Mineralogist – Professional Rock Collector

VIA WICHI TA GEM & MINERAL SOCIETY,  
INC QUARRY QUIPS



## **CLACKAMETTE MINERAL & GEM 'S 47TH ANNUAL GEM AND ROCK SHOW "ROCK & GEM HEAVEN IN 2011"**

**CLACKAMAS COUNTY FAIRGROUNDS  
694 NE 4TH AVE. CANBY, OR**

**OCTOBER 22 & 23, 2011**

**SAT.9 AM - 6 PM,**

**SUN.10 AM - 5 PM**

**FREE ADMISSION**

For More Information Contact: Rick Mauer:  
(503) 691-6395 or tallerricardo@juno.com,  
Bea Settle: (503) 631-3128,  
[www.clackamettegem.org](http://www.clackamettegem.org),  
[rockhound@clackamettegem.org](mailto:rockhound@clackamettegem.org)

## Utah Honeycomb Calcite

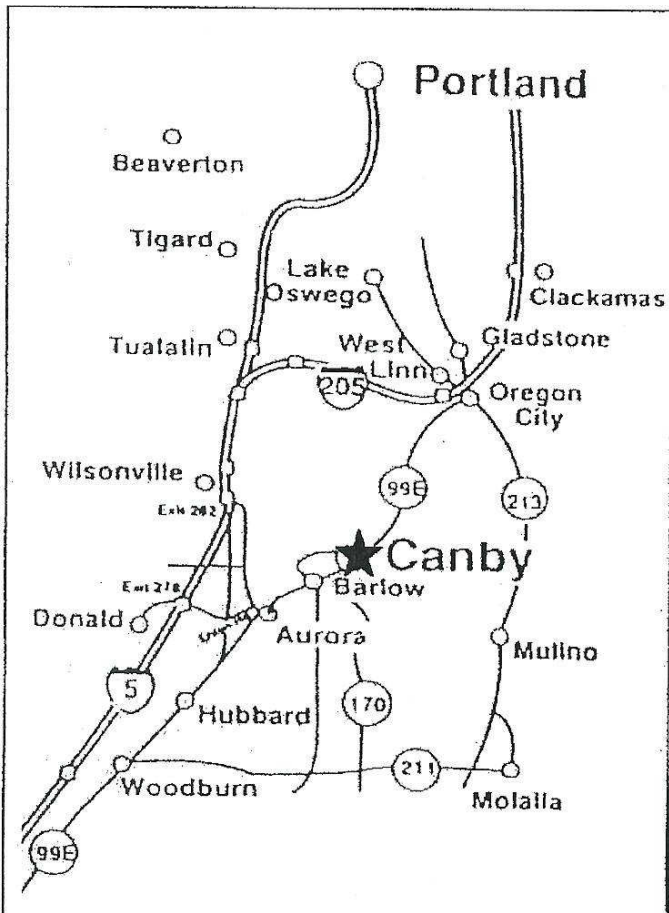
Honeycomb Calcite is beautiful and impressive form of calcite named exclusively in the state of Utah much like onyx and marble it can provide a colorful replacement for a dramatic accent stone for architectural and artistic applications. The name comes from the remarkable honeycomb appearance when viewing a polished surface. It is formed by the growth of long fibrous tubular cells and crystals of honey color outlined by white membranes surrounding each cell. The coloring is attributed to iron deposits at the time of formation.



Camp Hancock Students pieces



Bidding on rock for Christmas dinner



## Fairground Directions

### Heading South from Portland on I-5

Take EXIT 282A (Canby/Hubbard) and go 1.6 miles  
Turn Left at stoplight - Arndt Rd  
Go 1.9 miles and you will come to a Y in the road, stay left  
You will now be on Knights Bridge Rd  
Go 2.1 miles and take a Right on Grant St. (Stopsign)  
Then take a left on 4th Ave  
4th Ave takes you directly to the Fairgrounds  
which will be on your left.

### Heading North from Salem on I-5

Take EXIT 278 (Aurora/Donald) and turn right onto  
Ehlen Rd  
Follow Ehlen Rd into Aurora to Hwy 99E  
Take a Left onto Hwy 99E  
Go through Canby and take a Left into Fairgrounds at  
Pine St (Stoplight)  
(You will see the Fairgrounds Sign)

### Heading South from Portland on I-205

Take EXIT 9 (Oregon City)  
Turn Left at the stop light onto Hwy 99E  
Follow Hwy 99E for 10 miles South into Canby  
Fairgrounds will be on your Right as you enter Canby  
Turn Right at the stoplight for Pine Street  
(You will see the Fairgrounds Sign)



Club Claim



Our Future Rockhounds

## Club Show

It is never too early to start thinking about what you want to do at the club show. There are many jobs to fill and other activities going on there. We also need a lot of polished rock and thundereggs for the Easter Egg hunt. So until the club tumbler gets running it is up to all of the club members to do your share. Start thinking of your display cases also. We have winter months coming which gives you lots of time to come up with ideas. Let's make this one of the best shows this coming year.

## Mineral Test Answers

1. Biotite
2. Red to Brownish Red
3. False-Form
4. Amethyst
5. Yes, most notably in Canyon Diablo
6. A specimen of half silver and half copper
7. Goethite
8. Fluorite
9. Magnetite
10. Stalagmite grows up mightily from the ground. Stalactites have to hang on tight to drip from the ceiling
11. Fools Gold
12. A wafer thin slice of a mineral or meteorite that is virtually transparent. It is placed in a polarized microscope to identify individual minerals and their crystal structures.
13. Magma forms inside the volcanic chamber lava flows outside the chamber and is visible to the eye.
14. Muscovite
15. No it does not pass one of the five characteristics of a mineral most specifically "inorganic"
16. Types of lava. Aa is named for the sound one makes when walking upon its rough surface pahoehoe is ropy lava.
17. A meteorite is a rock from space that makes it to the ground. A meteor is the LIGHT you see when the meteor-oid hits the earth's atmosphere and briefly catches fire.
18. No-Meteor showers are cyclical and are the result of comet trails intersecting with earth's orbit.
19. The asteroid Belt between Mars and Jupiter
20. Kyanite
21. Aluminum
22. Mercury (the liquid metal that used to be in thermometers)
23. The La Brea Tar Pits where hundreds of animals were found preserved in tar
24. obsidian

