

Monthly Bulletin of the
West Seattle Rock Club, Inc.
Seattle, Washington



*** Website ***

<http://www.westseattlerockclub.org>

Our Club:

Practices the Rockhound Code of Ethics



WEST SEATTLE PETROGLYPHS

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MAY 2010

**THE ROCKS ARE ALREADY
THERE & WAITING –
YOU JUST NEED TO
FIND THEM**

WEST SEATTLE ROCK CLUB, INC.

Mailing Address: P.O. BOX 16145, Seattle, WA 98116

The purpose of this Club is to promote the study and enjoyment of the Lapidary Arts with good Rockhounding and good fellowship; and to further education and lapidary skills for all; to conduct field trips for exploration and collection of minerals, gems, rocks and fossils; to promote shows and displays; to publish a monthly periodical known as *West Seattle PETROGLYPHS* relating to club activities.

OFFICERS AND BOARD OF DIRECTORS (2010):

President	Ken Schmidt	(206) 932-3626
Vice President	Dave Clausen	(206) 935-3040
Secretary	Rachel Miller	(206) 935-8180
Treasurer	Audrey Vogelpohl	(206) 932-3292
Federation Director	Audrey Vogelpohl	(206) 932-3292
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Mineral Council Reps	Brian Waters	(206) 774-8565
	Judy Ayers	(206) 633-0721
Seattle Regional Reps	Lyle Vogelpohl	(206) 932-3292
	<Open>	<Open>
Newsletter - Editor	Mike Wall	(206) 935-4953
Current Past President	Ron Nims	(206) 764-9566

COMMITTEE CHAIRPERSONS (2010):

2010 Show Chairpersons	Rachel Miller	(206) 935-8180
	Dave Clausen	(206) 935-3040
Programs	<Vice President>	<Vice President>
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	Sherry Eslick	(206) 938-2594
Historian	<Open>	<Open>
Field Trips	Brian Waters	(206) 774-8565
Webmaster	Donn Ullery	(206) 633-0721

AFFILIATED WITH:

Northwest Federation & American Federation of Mineralogical Societies
 Seattle Regional Gem and Mineral Show Committee
 Washington State Mineral Council
 ALAA – American Lands Access Association

Meetings are held on the Fourth Wednesday of each month,
 except for November which is the **THIRD** Wednesday and no meetings in July and December

The meetings are held in Adams Hall of the *Tibbetts United Methodist Church*

3940 41st S.W. (corner of 41st S.W. and S.W. Andover Street) Seattle, WA

6:30 PM – Junior Meeting 7:00 PM – Adult Meeting

Dues are: \$20.00 first year (including name badge), then: \$10.00 per adult member per year
 or \$15.00 for 2 adults in same family, \$3.00 per junior member per year

VISITORS ARE INVITED AND ARE ALWAYS WELCOME TO ALL MEETINGS

All material in this Bulletin may be reprinted if properly credited - Exchange Bulletins are most welcome.

CLUB CALENDAR



May 26, 2010

Kid's Meeting (6:30 pm)

Program: TBD-Not available at press time

General Meeting (7:00 pm)

Program: TBD-Not available at press time

Show & Tell: Rocks from Our Show

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PRESIDENT'S MESSAGE



Hi Everybody,

I hope every one got a chance to go to the show.

If you were able to help with the show a BIG THANK YOU.

Please bring some of the treasure you found to the meeting for show & tell.

I hope to see you at the meeting.

Keep digging, Ken.

ALAA MEETING – AT 2010 AFMS/CFMS CONVENTION/SHOW

To All ALAA Members, Member Clubs/Societies and guests: The annual ALAA Meeting place and time has been changed from that published in the recent ALAA Newsletter.

The new meeting place and time is as follows.

Meeting Location is the Anaheim Park Hotel, Fullerton, Ca. (The host Hotel for the show) on Sunday June 20th at 11.30 AM.

The featured Guest Speaker is Del Albright from Blue Ribbon Coalition and following his presentation there will be a question and answer session.

Please check the ALAA website for further and up to the minute information on the Show and Meeting. www.amlands.org.

Thank you for your support and we look forward to seeing you at this years Convention and Show – the ALAA Meeting and Show Committee

2010 REFRESHMENTS



Please take note if you next on the list. THANKS to everyone who has already signed up!

May	Wickward Family
June	Hichens Family
July	(Summer Picnic)
August	David Clausen
September	Erdman Family
October	Durnwirth Family
November	Joe Moushey
December	(Christmas Party)

WEST SEATTLE ROCK CLUB – GENERAL MEETING MINUTES

April 28, 2010

**Business:**

- The meeting was brought to order at 7:04 pm by club President Ken Schmidt.
- There were 17 adult members, 13 junior members, and 7 guests (4 adults and 3 juniors) present.
- Angie Erdman distributed the door prizes to this month's winners. Chloe won the guest prize, Ken Schmidt won the member prize, and Levi Erdman won the junior prize.
- Rachel Miller recapped the show news that was detailed in the Petroglyphs' article:
 - ◊ The show is Saturday May 1 and Sunday May 2 with setup Friday April 30.
 - ◊ Detailed sign up information was in the Petroglyphs. Rachel said that people can sign up/change sign up information for display cases, Friday potluck food items to bring, and specific time slots for show workstations.
 - ◊ Mike Wall still needs help with case pickup and Lyle said that he needs more help at setup.
- Brian Waters gave a brief field trip report:
 - ◊ Last Sunday (April 25) was the jasper field trip to Cedar Ponds.
 - ◊ The Mt Higgins field trip is on May 23 for rhodonite. You will need tough tires and hard rock tools.
- We all filled the grab bags with tumbled rocks for the show.

Show and Tell:

- Lyle Vogelpohl showed a little piece of native copper which had some buffing and a nice slice of lapis lazuli which he cut for Ella Cox's neighbor at The Kenney.
- Logan Higuera displayed a piece of opal that he found near diatom pits near Quincy in Eastern WA.
- Miles Durnwirth brought in a nice piece of pyrite.
- Guest Joe Markovich displayed some rocks from Texas, including a petrified/agate piece of coral, a dinosaur bone, and an interesting agate which looked like an egg with a hole in it.
- Keir, Bowie, and Oz Hichens brought in many rocks to make sure they were properly labeled before the show.
- Junior guest Laila Markovich showed some petrified wood, marble, agates and palm wood.
- Mike Blanton brought in some limestone turned to dolomite with bits of pyrite that City Light in Renton was using to fill tower replacement holes!
- Nolan Whorton displayed some polished rocks; a desert rose and one from his Grandma.
- Ruby Whorton brought in a piece of rose quartz, a shell fossil and a couple of pretty mystery rocks.
- Levi Erdman showed some carnelian, several agates, onyx, and a common opal thunderegg.
- Marshall Hatfield displayed a fossil of an ancient squid which he bought in Palm Springs.
- Junior guest Maya Markovich brought in a beautiful piece of quartz and some nice fossils.
- Molly Hatfield displayed a nice little boxed mineral collection.
- Lucie O'Clair showed a piece of calcite and a garnet ring.
- Ken Schmidt brought in some moss agate, Brazilian agate, and graveyard point agate.
- Mike O'Clair showed some lovely fossils he found on a field trip near Harrison Lake BC.
- Junior guest Chloe brought in a piece of geode.
- Lucie O'Clair won the show and tell prize.

Program:

Dave Clausen gave a talk about Mohs scale of hardness. Frederich Mohs, a mineralogist in Germany came up

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with this simple system to grade the hardness of rocks. It is a scale of relative hardness, so it will vary. It is interesting to note that all minerals on the scale scratch white on a streak test. The following table is from http://www.amfed.org/t_mohs.htm.

Hardness Mineral Associations and Uses

- 1 Talc - Talcum powder.
- 2 Gypsum - Plaster of paris. Gypsum is formed when seawater evaporates from the Earth's surface.
- 3 Calcite - Limestone and most shells contain calcite.
- 4 Fluorite - Fluorine in fluorite prevents tooth decay.
- 5 Apatite - When you are hungry you have a big "appetite".
- 6 Orthoclase - Orthoclase is a feldspar, and in German, "feld" means "field".
- 7 Quartz
- 8 Topaz - The November birthstone. Emerald and aquamarine are varieties of beryl with a hardness of 8.
- 9 Corundum - Sapphire and ruby are varieties of corundum. Twice as hard as topaz.
- 10 Diamond - Used in jewelry and cutting tools. Four times as hard as corundum.

Hardness of some other interesting items

- 2.5 Fingernail
- 2.5-3 Gold, Silver
- 3 Copper penny
- 4-4.5 Platinum
- 4-5 Iron
- 5.5 Knife blade
- 6-7 Glass
- 6.5 Iron pyrite
- 7+ Hardened steel file

Submitted by Rachel Miller, WRSC secretary

WSRC SHOW REVIEW

by Rachel Miller, 2010 Show Chair Person

THANK YOU for your participation!

Our May 1 and 2 show was a big success!

We had a grand total of 999 show attendees!

The detailed breakdown is as follows: a total of 755 adults (361 on Saturday and 394 on Sunday) and 244 juniors (110 on Saturday and 134 on Sunday) which

is 471 total attendees on Saturday and 528 on Sunday!

We made about \$1,200 profit, which is a couple hundred more than last year. Audrey is still finalizing the numbers. If you are interested, Audrey will have all the detailed financial information and comparisons to past years.

Peoples' Choice Winners were Miles Durnwirth (1st with 23% of the votes), Ella Cox (2nd with 15% of the votes), Lyle Vogelpohl (3rd with 8% of the votes), Ed Lehman from the Mineral Council (4th with 7% of the votes), Mike Wall (5th & 6th with each 6% of the votes). Total votes were cast by 245 people (nearly 25% of those attending).

I am writing up lessons learned document for future shows. We will ask at the general meeting for feedback on the demonstrators, dealers, food etc., and then adding these to the lessons learned document. If you have additional information/opinions to share or things you would like to see in future shows, please contact me at rmiller_seattle@hotmail.com.

I originally was going to list all the people who helped out in each area, but after I wrote it, I realized that it amounted to another whole page of member names! We had 26 adult members and 17 juniors who helped out! Great job everyone!

Thanks again for a great show!

SAFETY NOTE FOR SPRING

by Owen Martin, AFMS Safety Chair

Take your Benadryl with you!

Well it was a hard winter by most standards in the central and south and eastern U.S. It even snowed three times at our house in Houston and froze hard enough to break pipes in several houses in our neighborhood. Not that I'm complaining - after all we get PLENTY of summer for 6+ months every year. With that being said the cold weather really backed up the spring bloom and as a result EVERYTHING started blooming last week!

So my Bradford pears, dog wood, peach and red buds are in full bloom. Weeds are taking over the hibernating grass and have tons of little flowers, my pine is pollinating and so are some oaks and maples across the street. AND to top it all off Cedar keeps blowing in from Hill Country.

Now the weather was just perfect this weekend so I

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figured it was time to get out and at least do some yard work - about 8 hours worth. This was after a land clearing project in Hill Country from the previous weekend. As a result of proximity and increased respiratory activity I did myself in. All those allergens caught up with me and just about knocked me out. It wasn't exactly an asthma attack, but my eyes were swollen, my nasal passages were swollen up so that I couldn't breathe except out of my mouth, and I kept coughing up crud!

OK - so the moral of the story is that I should have taken Benadryl® prior to engaging in such activities. Not to say that I wouldn't have had some impact from all that pollen, but at least I could have mitigated the violent response my body had to it all. Luckily I was able to nurse my bloated head on the couch while watching conference basketball tournaments.

However if I was in the field and had such a problem, especially one that could have led to an asthma attack, then I would have been in trouble. Keep that in mind as you head out on your first hunt of this spring!

Prepare, be safe and breathe easy!!!

(via AFMS, 5/10)

ALL FEDERATION FIELD TRIP TO BLUE FOREST AREA IN WYOMING

by Doug True, Trip Leader

Time is fast approaching for the Memorial Day weekend trip to the Blue Forest Area in Wyoming. Directions to this dig site are as listed. I will



be only give directions to the turn off from County Road. 8. The reason for this is there are a number of people that always have to get there first and or will come in and park in the middle of the road or an area that would not be appropriate for laying out the parking area. When people arrive to this point there will be markers giving directions to the dig area and to the camp area if different from dig site. (being worked out with the BLM)

If you are coming from the east: From Farson, Wyoming go east 21.3 miles on Wyoming 28 to Sweetwater County Road 8, turn right and go north 11.3 miles, on the right will be a dirt road. At this point follow

the markers we will have for set out for you.

If you are coming from the west on I-80 take exit 83 west of Green River, to Wyoming 372 drive 27 miles north and turn right on Wyoming 28, drive 6.7 miles east to County Rd 8, turn left and drive 11.3 miles.

Check your Wyoming map and find Farson and Green River and work from these locations. There are number of items being discussed with the BLM at this point and will



be updated as we get closer to dig time. There might even be some special instructions when you arrive.

Questions? E-mail me at <dtruefossils@yahoo.com>

Need more details? Look in the December 2009 AFMS Newsletter (available for download at <www.amfed.org/news/news2009.htm>.

(via AFMS, 5/10)

MINERAL COUNCIL MEETING

by Brian Waters, WSRC Mineral Council Rep

On April 20th I attended the Mineral Council at the Maplewood Clubhouse in Edmonds. Several collecting trips were discussed.

First, it was brought up that the April Pow Wow at Madras did not collect opal at the diatom pits. The leaders of the trip said that they could not secure permission. After some research it seems that the company that owns and operates the mining operations there don't want large groups of folks collecting there at the same time, but are not opposed to, and do not stop, small groups from collecting there on days they are closed, which is usually Sunday. Some people that stopped by there on that Sunday said that there were other people collecting there and that they had no problems.

Regarding the Mt. Higgins field trip that is scheduled for May 23rd, we are still waiting for authorization from the landowner to make that trip. It is anticipated that permission will be granted, but please check with the field trip leader prior to attending. Also note that the road to the collecting area is extremely rough, and off road tires are required. If your vehicle has street tires please let the field trip leader know and car pool-

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ing from the meeting spot to the collecting area may be arranged. Vehicles with street tires will not be permitted.

The field trip to the jade mine in August has been taken off the calendar for this year due to problems with the permitting process with the Forest Service. Also, the field trip to Southwest Washington for carnelian has been taken off the calendar because the SWMS will not be leading the trip. This trip may be cancelled this year if a group cannot be found to lead it. Part of the problem with this is due to the current prohibition on collecting on Weyerhaeuser land.

The week-long field trip to the Ochoco National Forest is being pre-tripped early in May. The base camp will be announced once the pre-trip is done, but the collecting sites to be visited will not be released until participants reach the base camp. This is so that some people do not get a jump on the collecting sites (get there before the group,) which has happened in the past. The dates for this trip are June 19th through June 27th. There will be a porta-potty provided at the base camp and donations will be collected to defray the cost of it. This should be an excellent trip folks and I highly recommend attending if you are able.

Finally, The BC Wagonmasters field trip list has been released and will be available on the WSMC website.

Happy collecting.

FINNEY CREEK FIELD TRIP

by Brian Waters, WSRC Field Trip Chairman

On Sunday, March 28th Lisa and the dogs and I drove up to Mount Vernon to meet up with the Mt. Baker Club for a field trip to Finney Creek, which is outside of Darrington. At the meeting spot we met up with Bo and Lee and another couple from the West Seattle area. The field trip leader from Mt. Baker swung by and picked us up and we met up with the rest of their club on the way.

Our first stop was an area where we had fairly easy access to the creek. At this spot we found jade, serpentine and quartzite. After that we went up to the cliff where the banded hematite/magnetite can be found. There was plenty of the material laying around as float, and Bo and I worked out some of the material from a seam in the cliff. Then we went up to an area about a 1/2 mile from that site where I showed them where to find pyrite crystals in a host rock.

Finally, a few of us, including Bo and Lee went to

another spot along the creek where there was literally tons of the jade. I think people could collect along this section of the creek for years and there would still be jade to be found. We collected a lot of the jade and hematite and had a great time.

If anyone is interested in making a trip to this area in the future let me know and we can set something up. The river collecting is easy, and once a person learns how to identify the jade they will find that there is more there than they would care to take home.

APRIL FIELD TRIP

by Brian Waters, WSRC Field Trip Chairman

On Sunday April 25th a group of us met up at the Jack in the Box in Monroe to go to Cedar Ponds to collect jasper. In attendance were Lisa and I and our dogs, Marshall and Molly and their mom, a friend of mine from the Boeing Club named Bob and a person from West Seattle named Larry who has shown interest in joining our club.

We headed out to Cedar Ponds and started hiking up the trail to the collection site. Along the way Bob showed us a spot where there are leaf fossils and we picked around and set a few aside to pick up later on our way out. When we got to the jasper site we found another member of the West Seattle club there, Connie, along with a couple of her friends. They said they had been running late and decided to meet up with us there.

The main dig site, where I had found some nice large veins in February, had collapsed so Connie and I started working on digging out the overburden that had fallen in on the area where the jasper veins can be found. It was a lot of earth moving but we finally got down to the to the host rock (andesite?).

During this time everyone else had started working on other holes in the area and everyone was finding jasper pieces in various sizes. Unfortunately the tailings pile, which had been about a five gallon buckets worth of tumblers and some larger pieces when I left in February, had been pretty well picked through, but there were still plenty of pieces there worth taking home.

After digging through the host rock for a little bit, Connie and I came across our first good size vein and we took turns getting it out. After that we kept finding some nice veins, and everyone, including

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Marshall, took turns getting the jasper out. Between 1:00 and 2:00 pm we were all getting pretty tired from all the digging, and everyone had gotten some nice pieces of the jasper so we all decided it was time to head home. I think Marshall collected enough pieces to give some jasper to everyone in his class, which he said was his goal.

On the way back to the car we stopped to pick up our pieces of leaf fossils and check that site out a little better and when we got back to the vehicles Bob told us where we could find even more fossils and another site where petrified wood can be found. There is also supposed to be another place in the area where crystals can be found and from the photos that I've seen of them some nice ones have been found there.

I hope to spend more time prospecting in this area in the future, so maybe another time I can take field trip up to this area to find not only jasper, but also some petrified wood and crystals. I hope everyone is able to get and do some sort of collecting this area, whether it constitutes digging in the dirt, checking out rocks shops and swap meets, or finding a really good specimen and a rock show.

SAFETY TIPS FOR ROCKHOONDING AT THE BEACH

1. Know the tides. Is the tide going out or coming in? The tide changes four times a day. Tide books are available at most hotels, motels and local retailers. Outgoing tides are best for rockhounding.
2. Watch the ocean wave conditions. Are there big or small waves? Ocean conditions change rapidly.
3. Watch for sneaker waves. These are a series of waves that keep pushing water up the beach. Even with a minus tide, the water can reach the bank or higher. Listen constantly for crashing waves. Sneaker waves are sometime silent as they come in.
4. Stay off logs. Waves can quickly and easily move logs weighing tons. People are killed when logs roll on top of them.
5. Watch for logs in the surf.
6. Know your escape routes.
7. Watch for failing rocks. Don't hunt rock and fossils in areas where the cliffs are unstable. Tons of debris can come down without warning.

8. Don't walk out to the edge. The waves undercut the banks and cliff.
9. Hunt rocks facing the ocean. Don't turn your back on the waves while hunting.
10. Be careful of slick bedrock on the beach. This is common in the wintertime.
11. Dress in layers. Weather conditions change quickly.

(via The Tumbler, 6/08; from Beachcombing In Lincoln County by the Oregon Coast Agate Club 2007)

FINDING ROCK HUNTING MAPS ON THE INTERNET

By Glen Miller

Here are some tips for locating free online map (primarily USA). The good news is that there is a federal program that publishes digital products online that will provide complete national coverage. The bad news is that it is a federal program, subject to manpower and funding constraints, but it is a very good start.

The Internet is a source for many maps of other countries. I have viewed geological maps of Oman and even the Moon and Mars online.

Geological and Geophysical Maps - Finding The Map you need: Traditionally, one went to a state bookstore to purchase a paper map, hoping it was still in print. The trend today is to publish them online with free access! Tennessee will no longer be printing maps in advance. Maps that aren't online can be purchased for \$20 a map, printed straight from a digital file.

About.com = the quick and easy solution for links to state geological maps. About.com pre-searches and assembles all types and classes of information. If you go to their Geology or Maps sections and poke around, there are pages for state geological maps and state geological organizations. There is also <geology.com> with similar sources. They also list state authorities and links to their websites. Once in those websites, you may frequently find a free downloadable map for the local area you are looking for. The USGS has taken great steps to centralize the search for geological maps.

(via The Tumbler, 6/08; via Breccia, 3/08; from CFMS Newsletter, 2/08)

WEDDING RECEPTION ANNOUNCEMENT

Brian Water and Lisa Bishop would like to invite our friends from the West Seattle Rock Club to our reception party to celebrate the union of our marriage on Saturday, June 5th at the Maplewood Clubhouse. Please RSVP at (425) 823-4682 or at bwater2000@yahoo.com.

Thank you – Lisa and Brian

Maplewood Clubhouse
8802 196th St. SW
Edmonds, WA
Date/Time: June 5th, 2:00 pm

DID YOU KNOW?

WHY there is Silverware. The REAL reason for Silverware use in the past is for HEALTH and Sanitation reasons. Just like the 1849'ers put Silver dollars in their water barrels, and Europeans for hundreds of years used silver water jars (if they could afford it) or put Silverware or silver coins in their water if they had them, and of course, used "Silverware" in the first place, is because it was noticed that molds and bacteria's didn't build upon Silverware like it would on other materials. A natural property of ionic silver is to KILL bacteria. Viruses hate the presence of Silver as well. It is a little known fact, Sally DeBruin,* that if you take a Petri dish and culture just about any nasty thing you can think of (mold, algae, bacteria, or virus) and add ionic silver, the contents of your Petri dish will DIE. The doctor who wrote the book "The Body Electric" had great success speeding up the healing of burns and wounds, and healing wounds that "wouldn't heal" by applying silver mesh and a small battery current (knocking off silver ions onto the affected area).

In my household, we make our own Silver (in its colloidal form) and use it to knock out colds and flu's before they take hold. US farmer use Ionic Silver generators in large scale to treat the feed water and keep their livestock much healthier, and ward off infections and disease. For more information on the use of colloidal silver as related to health, there is a website called Silver Gen that has a lot of information. http://www.silvergen.com/colloidal_silver_history.htm

Here is a quote from that site: "Colloidal silver has been used for healing for centuries. The Greeks and Romans kept liquids in silver jars. During the plagues in Europe, many royal families escaped disease because they ate off silver plates and used silver uten-

sils. It was used by the American pioneers to keep water and milk from spoiling or becoming contaminated. It is used by NASA to purify water in the space shuttle. Russia also uses it in their space shuttle. It is used by some airlines to purify water on flights. Thin silver foil is still used in India and China to wrap portions of food in. Silver is used in most of the burn centers in the U.S. and has been used to prevent blindness in newborn infants eyes for many years".

*Thanks to: Glenn Thompson & Davis K (Rhodium) Products Inc. *Editor's insert*

(via Boulder Buster, 5/10)

SHOP TIPS



Editor's Note: Shop tips featured in this bulletin have not been evaluated for safety or reliability. Please use caution when trying out any new idea.

Pickling Prepolish – by John Franks

Faceters, prepolish at 3,000 and finish at 50,000. If you use 8,000 diamond to prepolish, your material will pit and take 10 times as long to polish.

(via The Tumbler, 7/08; via Pegmatite, 3/07; from The Facet Shoppe)

How to Put the Eye in Tigereve

After your slab has been cut parallel to the fibers, look across the slice at an angle of about 60 degrees. You should see the half of the slice toward you either dark or light and the other half the opposite. Mark lightly with pencil the dividing line between the dark and light.

Rotate the slice end to end and hold in the same plane. If the light side was near you before it should still be near you even though you rotated the slice. Mark the dividing line again, and hope your lines are in the same place.

Now turn the slice over so the top becomes the bottom, and you should have a reverse of the lighting effect. If the light side was near you before, the dark side should be near you now. When you see the dark side near you, you are looking at what should be the TOP of the finished stone. Cut the stone with a high dome, and you will have a floating eye.

(via The Tumbler, 9/08; via Golden Spike News, 7/08; via Petrograph, 7/07; from Southwest Gem)

2010 FIELD TRIPS

- May 23** WA Agate & Mineral Club – Mt. Higgins – 9:00 @ Oso gas store – Rhodonite – Hard rock tools & tough tires – Mike Messenger – (360) 456-6930 – wams1939@comcast.net
- Jun 12-13** Ellensburg Rock Club – First Creek – 9:00 @ Wesk Fork Teanaway River – T-eggs, Agate & Geodes – Dig and hard tools – Steve Townsend – srtrocks@aol.com
- Jun 19-27** Marysville Rock Club – Madras Oregon – TBA Camping – T-eggs, Agate & Jasper – Dig and light & hard rock tools – Christina Morrissey – (425) 398-1300 – cmvw@verizon.net
- Jun 30-Jul 4** Pow Wow Rockhounds Club – Madras Oregon – 8:00 @ Jefferson Co. Fair – Agate, Jasper, Wood, T-eggs – Dig and light hard rock tools – Cliff Matteson

See WSMC <http://www.mineralcouncil.org/index.htm> for additional field trips and details

2010 SHOWS

- Jun 4** Noon-6pm **Puyallup Valley Gem & Mineral Club Show**
Jun 5 10am-6pm Fruitland Grange, 112th Street & 86th Avenue East, Puyallup, WA
Jun 6 11am-4pm
- Jun 5** 9am-5pm **North Idaho Mineral Club Show**
Jun 6 10am-4pm Kootenai Co. Fairgrounds/Event Center, Kathleen & Gov't Way, Coeur d'Alene, ID
- Jun 18** 10am-6pm **Oregon Coast Agate Club – Rock'n the Coast – 47th Annual Gem & Mineral Show**
Jun 19 10am-6pm Yaquina View Elementary School – Multipurpose Rm, 351 SE Harney St., Newport, OR
Jun 20 10am-4:30pm
- Jun 19** 10am-5pm **Butte Mineral & Gem Club Annual Show**
Jun 20 10am-5pm Vivic Center Annex, 1340 Harrison Ave (exit 127 North), Butte, Montana

See the **Northwest Newsletter** for additional show listings and times.

HOW CAN YOU HELP

Your Federation: Save stamps and give to our club treasurer.

Your Hobby: Join ALAA. - Contact Lyle Vogelpohl

Other: Volunteer to teach beginners what you are good at.

TO LEARN MORE ABOUT ...

Cabbing ... contact Lyle Vogelpohl ... (206) 932-3292