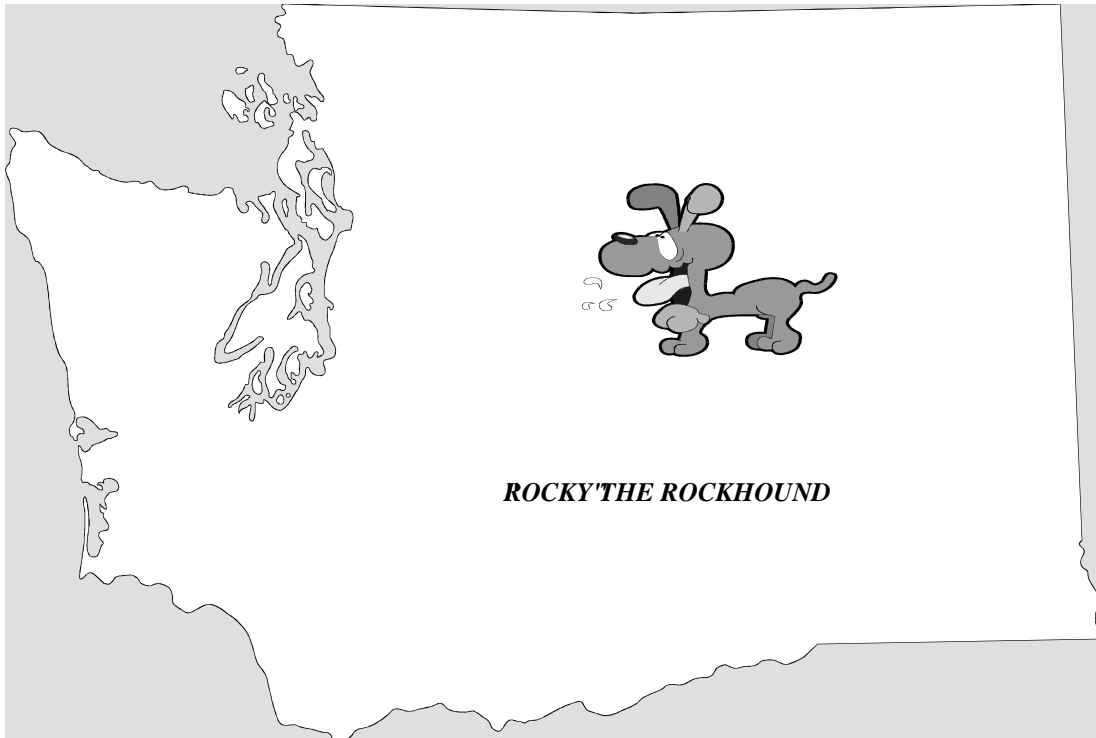

◆ **The Council Reporter** ◆

Volume 30, Issue 7

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Washington State Mineral Council**

**WASHINGTON STATE MINERAL COUNCIL
2010 OFFICERS**

OFFICERS

President	Brian Waters	bwaters2000@yahoo.com	(206) 290-2312
VP	Vacant		
2nd VP	Stu Earnst	27871 Minkler Rd, Sedro Woolley, WA 98284	(360) 856-0588
Secretary	Christina Morrisey	828 Harvest Rd, Bothell, WA 98012	(425) 398-1300
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Immediate Past President:	Ed Thomas	40 Rocky Ridge Rd, Goldendale, WA 98620	(509)773-6461

TRUSTEES --- EAST SIDE

Steve Townsend	P.O. Box 965, Ellensburg, WA 98926	(08-09-10)	(509)-933-2236
Dave Mastin	2553 Moe Road, Ellensburg, WA 98926	(09-10-11)	(509) 925-3827
Timothy DeGrie	1004 N 34th Ave #18, Yakima, WA 98902	(10-11-12)	
Andy Johnson	P.O.Box 3251 Pasco, WA 99302	(10-11-12)	(509)-546-1950

TRUSTEES --- WEST SIDE

Ed Lehman	9120 20th St. SE, Everett, WA 98205	(10-11-12)	(425) 334-6282
Bill Moser	5130-142nd PL NE, Marysville, WA. 98271	(10-11-12)	(425)-238-8222
Dave Eckert	9518 220th St SW, Edmonds, WA 98020	(09-10-11)	(425) 672-3221
Bob Pattie	4316 N. E. 10th, Renton, WA 98059	(09-10-11)	(425) 226-3154
Glenn Morita	4528 152nd Pl SW, Lynnwood, WA 98087	(08-09-10)	(425) 743-6249
Gordon Lyons		(08-09-10)	

STAFF

Editor	Glenn Morita	4528 152nd Pl SW, Lynnwood, WA 98087	(425) 743-6249
Historian	Jackie Pattie	4316 N. E. 10th, Renton, WA 98059	(425) 226-3154
Wagonmaster	open		

The West Side Board meets the third Tuesday of each month between Quarterly meetings, unless a meeting is specially called. Usually no meeting in July and December dependent on Board action.

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Combined Board Meeting Minutes 09/21/10

The September 25, 2010 meeting of the Washington State Mineral Council was called to order by Second Vice President Stu Earnst. After counting that there were 21 member clubs at this time, a quorum was in attendance, so business could be conducted.

The treasurer's report was given and bills for Walker Valley locks and a new file box were approved for payment on motion by Howard Walter, second by Dale Geer.

Andy Johnson asked that member clubs be listed in the Council Reporter. Kathy Earnst will send a list to Glenn Morita.

Due to the absence of the by-law committee consisting of Bob Pattie and Christina Morrissey, this matter was tabled.

There was discussion of how to get copies of the map books. The Yakima club wanted to get 15, but none were available at this meeting.

There was discussion of the upcoming elections and the eastside officers and board members. Andy Johnson stated that the by-laws provided for elections in November, rather than March as had been done in the past. The Lakeside club is asking why we are not following our by-laws. Why were the President and Secretary not at the meeting to conduct important business before the group? Stu Earnst stated that all clubs must participate in these meetings. What does the Lakeside club want from WSMC? Howard Walter stated that information on digs, land issues, new material such as this weekend's trip to the old Biggs site, are important to him and his club. Dave Eckert asked how many clubs were active in WSMC and how many just paid dues or ignored WSMC?

At this point, Bob Pattie entered the meeting.

There was discussion of BLM Resource Management Plan. How many clubs responded to this plan? A couple members attended the meetings and this showed interest in rockhounding clubs and activities. Discussion followed about how information is passed from WSMC to member clubs. Email, phone and the Council Reporter

October 19, 2010 Westside Board Meeting AGENDA

Opening of Meeting
 ◇ Stu Earnst/Brian Waters
 Treasurer's Report
 ◇ Kathy Earnst
 Committee Reports
 ◇ Wagonmaster -Ed Lehman
 Old Business
 New Business
 Open Comments

Meeting Calendar for 2010

West side board meetings:
1/19, 2/16, 4/20, 6/15, 10/19

At 7:30PM at the
Maplewood Clubhouse
8802 196th St SW, Edmonds

General meetings (tentative):
3/27, 5/1, 9/25, 11/6

All general meetings will be held at:

Palace Café
4th & Main
Ellensburg
Meeting @ 9:30 AM

passes information amongst clubs.

The by-laws were un-tabled. The by-laws now allow for email notice of regular and emergency meetings. They deleted the requirement of voting by secret ballot. Andy Johnson asked what was the procedure for amending the bylaws. Bob Pattie responded that there was discussion at the last full board meeting, then publication in the Council Reporter, then voting on the changes at the next full board meeting. Andy Johnson requested going through the by-laws section by section.

A short recess followed to allow members to read by-laws.

Article 3 requires each member club to designate its voting member by letter addressed to the WSMC. The dues form fulfills that requirement.

(Continued on page 4)

(Continued from page 3)

Article 5 adds electronic notification of any special meeting. Notice should be on the website as well.

It was requested that the by-laws be added onto mineral-council.org as well.

Bob Pattie moved and Dale Geer seconded that the changes to the by-laws be approved as presented. The vote was taken orally with Andy Johnson voting nay. Andy Johnson asked for a show of hands and he remained the lone nay vote.

Bob Pattie reported that President Brian Waters would like to do the 2011 field trips at the November full board meeting to get more activity from the east side since weather should be better. All clubs are requested to bring a trip to the November meeting. Bob Pattie suggested that all field trip leaders attend the November meeting.

Gordy Lyons reported that the road from 29 Pines to Red Top is in rough shape.

There was a problem with a Naches Ranger District employee who said no digging at Little Naches. This cleared up with the help of his supervisor. Digging there is OK.

Bob Pattie reported that DNR is working on a list of road improvements for Back Country Horsemen. The rockhound community should do this also and make their wishes known to DNR. He read a list of uses of DNR land and rockhounding is not listed as any sort of use, recreation or otherwise.

There being no more business, the meeting was adjourned.

KATHY EARNST
Acting Secretary

**WSMC Member Clubs
as of September 2010**

- Everett Rock & Gem
- Lakeside Gem & Mineral
- Kitsap Mineral & Gem
- Evergreen Rock Club
- Mt. Baker Rock & Gem
- Boeing Employees (now Cascade)
- Washington Agate Mineral
- SW Washington Mineralogical Society

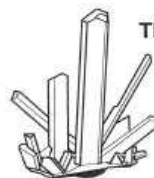
- Federal Way Gem & Mineral
- East Kingco Rock Club
- Port Townsend Rock Club
- Rock Wolves
- Wilbur Gem & Mineral
- North Seattle
- Yakima Rock & Mineral
- Shelton Rock & Mineral
- Marysville Rock & Gem
- Puyallup Valley Rock & Gem
- Skagit Rock & Gem
- Rock Rollers
- West Seattle Rock Club

Lightning Fuses Soil Into Rock

by
Dale Gnidovec
curator of the Orton Geological Museum
at Ohio State University

I love watching lightning, although it can be frightening when it hits the ground. If a lightning bolt strikes soil or sand, the intense heat creates glassy stringers called fulgurites, after fulgur, the Latin word for lightning.

(Continued on page 6)



The Northwest Opal Association
and
The Boeing Employees' Mineralogical Soc.
Present

**The 6th Annual
South Sound
Gem, Opal &
Mineral Show**

Friday Nov. 12
10 am-5 pm
Saturday Nov. 13
10 am-5 pm
Sunday Nov. 14
10 am-4 pm

Expo Hall
Puyallup Fairgrounds
Meridian St S & 9th Ave SW

- Gem, Jewelry, & Mineral Dealers
- Demonstrations, Exhibits
- Hands-on Activities & Crafts
- Silent Auction, Raffle, Door Prizes

Wheelchair
Accessible

Food
Available

Free Parking in
the Gold Lot

Admission:
Adults - \$4.00
Students & Children - Free

For more information:
(206) 283-4205
(253) 631-9743
(425) 483-0557

Fun & informative for the whole family!

PROPOSED FIELD TRIPS FOR 2010

The WSMC sponsors field trips through the Wagonmasters. These trips offer the rockhound the opportunity to collect a wide variety of materials from agate and jasper to crystals and fossils. Experienced guides familiar with the sites are on hand to help the novice collector find good quality material. Check with the local clubs in your area for further information.

Check out the trip info, and tool listing at mineralcouncil.org.

<i>Date</i>	<i>Host</i>	<i>Site</i>	<i>Meet</i>	<i>Material</i>	<i>Tools</i>
1/30	Msvl	Cedar Ponds	9:00 @ Monroe Jack'n Box	Red & Yellow Jasper	Dig & Light hard rock
2/20	E King	Cherry Ck	9:00 @ Safeway So Duvall	Jasper	Wading Ck Rock hammer & container
3/20	Evt	Miller Rvr	9:00 @ Hwy 2 Skykomish	Picture Jasper	Crack hammer & container
4/10	MtBk	Racehorse Ck	9:00 @ Nugent's Corner IGA	Fossils– Morel mushrooms	Light hard rock & split
4/17-18	Pow	Saddle Mt & Diat	8:00 @ Boat launch So Matawa	Petrified Wood, Opal	Light hard rock & dig
5/23	Wams	Mt Higgins	9:00 @ Oso gas store (open)	Rhodonite	Hard rock – Tough tires
6/12-13	Elb	First Ck	9:00 @ W Fk Teanaway River	T-eggs, Agate, Geodes	Dig & hard rock
6/19-27	Msvl	Prineville Or	T B A Camping	T-eggs, Agate, Jasper	Dig, light & hard rock
6/30-7/4	Pow	Madras Or	8:00 @ Jefferson Co Fair	Agate, Jasper, Wood, T-eggs	Dig & light hard rock
7/17	E King	Lk Wenatchee	9:00 @ Ranger Station	Garnet, Actinolite & Talc	1/4" screen, bucket wood saw, shovel
8/7		So W Carnelian	CANCELLED	Agate, Jasper, Wood	Dig tools
8/21-22	Pvgn	Greenwater	9:00 @ Enumclaw Ranger Sta	Agate, Jasper	Dig & light hard rock
8/25 ?	Ed & Bob	Whitehorse	CANCELLED	Jade mine (fee required)	Strenuous hike light hard rock
9/11-12	Pow	1st Ck– Red Top	8:00 @ W Fk Teanaway Riv	Agate, Jasper, Geodes, T-eggs, Jade	Dig, light hardrock
9/18	Pvgn	Little Naches	9:00 @ Kaner Flats Camp ?	Thunder Eggs	Dig & light hard rock
10/2-3	W Sea	Saddle Mt	9:00 @ Matawa Leprecon	Petrified Wood, Opal	Dig & light hard rock
11/13	MtBk	Blanchard Hill	9:00 @ 1-5 exit 240 gas mart	Stilpnomelane in Quartz, Chert	Hard rock

ALWAYS CALL TO CONFIRM TRIPS—SEE BELOW

Abvr	Host	Contact	E-mail
Pvgn	Puyallup Vly Gem & Mineral	Tony Johnson (253) 863-9238	
Elb	Ellensburg Rock Club	Steve Townsend	srtrcks@aol.com
Evt	Everett Rock & Gem Club	Bob Johnson (425) 408-0849	bobinevrt@hotmail.com
Msvl	Marysville Rock Club	Christina Morrissey (425) 398-1300	cmvw@verizon.net
MtBk	Mt Baker Rock Club	Kris Menger (360) 366-0576	kmenger@peoplepc.com
Pow	Pow Wow Rockhounds Club	Cliff Matteson	
Wams	WA Agate & Mineral Club	Mike Messenger (360) 456-6930	wams1939@comcast.net
W Sea	West Seattle Rock Club	Brian Waters (206) 290-2312	bwaterss@yahoo.com
Ed & Bob	Jade Minning Association	Ed Lehman (425) 334-6282	wsmced@hotmail.com

Trips are open to all. Most 2 day trips include Sat. potluck, horse shoes, tail-gating & swap. Sun. free breakfast. A small fee is required for Pow Wow and Madras trips. For more information contact Ed Lehman at wsmced@hotmail.com (425)334-6282 or mineralcouncil.org

(Continued from page 4)

Fulgurites also form if lightning strikes solid rock, such as the tops of high mountains. The result is a glassy coating or crust called a rock fulgurite.

Fulgurites form faster than any other rock on earth, in about one-thousandth of a second. I think of them as petrified lightning.

Most fulgurites are branched hollow tubes with thin walls. They are a few feet to a few tens of feet long and an inch or two wide. Their diameter generally decreases in depth and they may have occasional bulbous or knobby enlargements.

The interiors are glassy, sometimes with a silvery luster, and look as though a glaze had been applied. Blister like bubbles may be present, some intact and some exploded, leaving small pits and craters. The inner cavity is usually round and elliptical, but it may have three, four or five corners. The exteriors are grainy, bumpy or even spiny and may have ridges paralleling the long dimension. Color depends on the original material, but many are gray. Fulgurites may spiral, and if so, they always twist to the right.

The quartz grains adhering to the exterior often have rims of cristobalite, a type of quartz. The change to cristobalite takes place at about 2678 °F. Above 3110 °F, cristobalite becomes liquid. Rapid cooling of that liquid creates the glassy material of the interior. Fulgurites are thought to form at temperatures of about 3300 °F.

The glassy material has been given a mineral name, lechatelierite, after Henri LeChatelier (1850-1936), a French chemist. Most references disallow the name because, by definition, a mineral is supposed to be crystalline, which glass is not.

Fulgurites are fairly abundant in some areas, such as western Australia, the sand dunes of the Sahara Desert, and the eastern beaches of the United States. One area of the Kalahari Desert in southern Africa was estimated to contain 2000 fulgurites.

Fulgurites have been known for a long time, but their origin was a bit of a mystery until 1790, when one was found near a tree that had been struck by lightning. It was discovered during excavation for the foundation for a tablet meant to warn people against taking refuge under a tree during a thunderstorm.

from BEMS Tumbler 08/10, via Conglomerate, 2/09; via The Lithics, 1/09; via The Chisler, 10-11/08; via The Rockpile, 10/08; from The Tulip City Conglomerate, 7/08

Mineral Classic of the Month “Wulfenite”

by
Junior Rockhound Alexander Carrington

Los Lamentos is famous among mineral collectors for its thick, lustrous orange crystals of wulfenite that give the appearance of sweet candy. Discovered in 1907, full scale ore mining could not begin until 1916, due to a dispute with the Mexican Government and Pancho Villa.

Mineral collectors first visited the site in the 1940s and took out unique fine wulfenite specimens showing orange crystals on white dolomite matrix. Later work at the mine provided thousands of fine specimens, including many world-class specimens. Few new specimens have been recovered in recent years, but occasional fluctuations of water levels in the mine still reveal fine crystals in the bottom of the workings, where the ore body is by no means exhausted.

These fine wulfenite crystals will remain uncollected until an economic solution to lowering the water is found. Not only is the Los Lamentos wulfenite significant for its appearance, it is also important for its size in comparison to rivaling localities elsewhere. Other localities include The Red Cloud Mine in Arizona, the Ojuela Mine in Mexico, Mezica in Slovenia, and newer localities in China. Wulfenite is in the Molybdate family.

Wulfenite ranges in color from yellow to orange and is a 3 on the Mohs scale of hardness.

from Pebbles 08/10



Wulfenite with Dolomite, Los Lamentos Mexico, from the collection of Alexander Carrington.

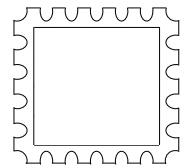
Local Area Shows for 2010/2011

DATE & TIME	CLUB	SHOW	LOCATION
October 9th 10am - 5pm 10th 10am - 5pm	Marysville Gem & Mineral Club	36th Annual show	Totem Middle School cafeteria 7th & State Ave. Maysville, WA 98270
October 2010 15th 12pm - 7pm 16th 10am - 7pm 17th 11am - 4pm	Springfield Thunderegg Rock Club	53rd Annual Rock & Gem Show Free Admission	Gateway Mall 3000 Gateway Street Springfield, OR
October 16th 10am - 6pm 17th 10am - 5pm	Hells Canyon Gem Club	44th Annual Show "Gifts from the Earth"	Nez Perce Co., Fair Grounds 1229 Burrell Ave. Lewiston, ID 83501
October 16th 10am - 6pm 17th 10am - 5pm	Billings Gem and Mineral Club	Gem and Mineral show	Billings Hotel and Convention Center 1223 Mullooney Lane Billings, MT
October 23rd 9am - 6pm 24th 10am - 5pm	Clackamette Mineral and Gem Club	"Harvest of Gems in 2010" 46th Annual Gem and Mineral Show	Clackamas County Fairgrounds Pavilion 694 NE. 4th Ave Canby, OR 97013
October 23rd 10am - 5pm 24th 10am - 5pm	Bellevue Rock Club	Octoberfest of Gems	Vasa Park 3560 West Lake Sammamish Blvd. SE Bellevue, Washington 98009 (I-90 Exit 13)
November 6th 9am - 5pm 7th 9am - 4pm	Maplewood Rock and Gem Club	Annual Fall Show	Maplewood Clubhouse 8802 196th St SW Edmonds, WA
November 12th 10am - 5pm 13th 10am - 4pm 14th 10am—4pm	NW Opal Association and Boeing Employees' Mineralogical Society	6th Annual Show	Expo Hall Puyallup Fairgrounds Meridian St S & 9th Ave SW Puyallup
November 20th 10am—5pm 21st 10am—5pm	Kitsap Mineral and Gem Society	Fall Festival of Gems	The Presidents Hall, Kitsap County Fairgrounds 1200 NW Fairgrounds Rd Bremerton, WA
February 2011 12th 9am - 5pm 13th 9am - 4pm	Whidbey Island Gem Club & Pebble Pushers	46th Annual Sweetheart of Gems show	Oak Harbor Senior Center 51 SE. Jerome Street Oak Harbor, WA
February 2011 26th 10am - 6pm 27th 10am - 5pm	Everett Rock & Gem Club	58th Annual Gem and Jewelry Show	Washington National Guard Armory 2730 Oakes Ave. Everett, WA 98201
February 2011 26th 10am - 7pm 27th 10am - 5pm	Idaho Gem & Mineral Club	Annual Gem and Mineral show	Expo Idaho Fairgrounds 5610 Glenwood & Chinden Boise, Idaho
March 2011 8th 10am - 6pm 9th 10am - 6pm 10th 10am - 5pm	Rock Rollers of Spokane	52nd Annual Rock, Gem, Jewelry and Mineral Show	Spokane Fair & Expo Center N. 604 Broadway & Havana Spokane, WA
March 2011 12th 9am - 5pm 13th 10am - 4pm	Rock & Arrowhead Club	Annual Show "Petrified Wood"	Klamath County Fairgrounds 3531 S. 6th St. Klamath Fall, OR. 97603

Westside Board Meeting
October 19, 2010
7:30 PM

Maplewood Clubhouse
8802 196th St SW
Edmonds

COUNCIL REPORTER, Monthly publication of The
Washington State Mineral Council



WASHINGTON STATE MINERAL COUNCIL
27871 Minkler Road
Sedro Woolley, WA. 98284

