

WASHINGTON AGATE & MINERAL SOCIETY NEWSLETTER

Volume XIX ISSUE 4

APRIL 2016

OLYMPIA WA

WEBSITE: [HTTP://WWW.WAMSOLYMPIA.WORDPRESS.COM](http://www.wamsolympia.wordpress.com)

REFRESHMENT LIST:

APRIL - RALPH NOLLNER

MAY - M J HUETTER

JUNE - DAN DEBOER

JULY - TOLBERTS

AUGUST - CLUB PICNIC

SEPTEMBER - ROBERT & BONNIE LAMBERT

OCTOBER - MIKE TANAKA

NOVEMBER - THE HOLMQUISTS

DECEMBER - CHRISTMAS PARTY

BUY...SELL...TRADE

Charley reports plenty of good material left. Call him at 360-259-3063 and set up an appt. at \$1 per pound. (Email is cprice@pacifier.com.)

This column is offered free to WAMS members to buy, sell or trade equipment or material related to rocks or minerals. See below.

TREASURY REPORT: *The bank account stands at \$8610.76 We have 20 tables and lots of rock.*

TEN WAYS TO BECOME A FOSSIL

1. FREEZING - This rare creature has suffered a minimum of change. Arteries may still contain dried blood and stomach, undigested food. Most common is the Ice-Age mammoth of Siberia and Alaska.

2. DRYING OR DESSICATION - If these organisms were thoroughly dried, they can be of high quality. Best known are the camels and sloths found in our Southwest caves.

3. WAX AND ASPHALT - Natural paraffin makes an excellent preservative, as proved by specimens found in Polish mines. The most famous asphalt fossils are still embedded in the La Brea Tar Pits in California.

4. CARBONIZATION - Incomplete decay of volatile substances leaves carbon behind, sometimes reducing organisms to paper-thin layers of shiny black film that reveal much detail.
5. PETRIFICATION - Our common stony fossils got that way by permineralization, the replacement of the structure by dissolved minerals, or secondary replacement, such as when limey fossils are dissolved and replaced by silica.
6. MOLDS AND CASTS - Natural molds in sediment remain after organisms decay. Sandstone beds reveal molds of shells and trees, and the finest molds are Northern European amber, which has perfectly preserved the forms of insects.
7. IMPRINTS - Sandstone, shale and tuff reveal external molds of very thin objects such as leaves. Best known of these are the Illinois Coal-Age plant imprints.
8. TRACKS, TRAILS, BURROWS - Dinosaur prints are the most famous of these. But Nebraska's "Devil's Corkscrew" once housed a beaver who dug an eight foot spiral hole.
9. CASTINGS AND COPROLITES - Ancient worms swallowed sand to help digest small organisms; they regurgitated these castings. Coprolite is a polite word for petrified "dung".
10. GASTROLITHS - Many ancient reptiles ground their food with these stones (as do our modern fowl). These stones are rounded, smooth and even polished at times, also known as "Gizzard Stones". *Breccia 07/06*

LOCAL FIELD TRIPS (PUB. WSMC)

CMS, WMSC = Cascade Mineral Society. Brian Williams (206) 290-2312 email bwaters2011@gmail.com

Ed L = Ed Lehman (425) 334-6282 wsmced@hotmail.com

WSMC = Washington State Mineral Council, use Ed above.

BC Wagon masters: Clair Belzer 604-946-8656

Kit = Kitsap Rock club: Tony Schackmann 360-372-2777

LkSd = Lakeside Gem & Mineral club. Andy Johnson 509-546-1950

Dar = Darrington Rock Club. Ed Lehman (see above)

Maple = Maplewood club: Don Furey 425-348-4827

Msvl = Marysville club: Ed Lehman 425-334-6282

Mt. Baker club: Kris Menger 360-927-0994

kmenter@comcast.net

East King = East King Co, Norma Kikket, 206-612-3113

N.W.R. = NW Rockies & MT Baker clubs: Kathy Earnst 360-856-0588 or Ed Lehman 425-334-6282

Pvgm = Puyallup Rock Club.

Bellv = Bellevue, Bruce Himko, 425-957-1284

Skagit = Skagit Rock Club: Vi Jones 360-424-8340

Pebb = Whidbey Pebble Pushers: Dick Edwards 360-579-2807

Pow Wow club = Larry Vess - vessel3@comcast.net 253-473-3908, Cliff Matteson (253) 475-8433

cliff.conniematteson@gmail.com

Longview = Longview club Emmett Johnson 360-636-3491

Ashwood Oregon Darrell Friend 541-489-3252, web page www.ashwoodrockstock.com

Eking = East King Norma Kikkert, kev1123@hotmail.com

WAC - Washington Agate Club

Yak = Yakima Rock Club Jerry Wichstrom 509-653-2787

jewtmew@aol.com

Whidb = Whidbey Rock Clubs Dick Edwards 360-579-2807

BELL = Bellingham Rock Club Brian Hughes 360-671-7330

EVR = Everett Rock Club Brad Johnson 206-403-3073

NID = North Idaho Diane Rose 208-667-8591

Elb = Ellensburg Rock Steve Townsend srtrocks@aol.com 509-244-8542

NWOS - Northwest Opal Society. Tony Johnson - 253-863-9238

WAMS = Wa Agate & Mineral Club.

Boe = Boeing Rock club.

Swms = SWest WA Mineral Society Dave Roth 360-295-3567

W Sea = West Seattle Rock Club Brian Waters 206-290-2312

Always call the club rep to confirm all trip data.

The Washington State Mineral Council plans guided fieldtrips to collecting sites. Open to member clubs and the general public.

Most trips are free. (Our club is a member of the Mineral Council.) Included will be PowWow trips. (Must joint to go on trips.) Host clubs and contact persons will be set up as I gather info. For now, go to mineralcouncil.org for updates or contact Ed Lehman at wsmced@hotmail.com, home (425-334-6282) or cell (425-760-2786). Some trips have fees to non club members, so they can be a day member and be covered under club insurance.

The usual fee is \$.50 a day. Pow Wow requires membership \$3

each a year. WSMC 6100 Road trip rider fee is \$8 to help offset the \$65 vehicle access permit we must purchase. Some trips have no charge.

FIELD TRIPS: Mineral Council.

4/16-17 POW. Saddle Mtn. 8 am Boat Launch. Petrified wood. Dig & Hard rock.

5/7 Dar. Racehorse Creek. 9 am IGA @ Nugent's Corner. Fossils and mushrooms. Dig & Hard rock (only for the fossils.)

5/21 Elb. Saddle Mtn. 9 am Mattawa Lepricon Market. Petrified wood. Dig and Hard rock.

6/10-14 Spk Succor Creek & McD. Call host for info. Thundereggs and Agate. Dig & Hard rock.

6/1 Dar FR 17 & 18. 9 am Darrington IGA. Jade, Serpentine, Hematite. Dig tools.

6/23-26 NWOS Madras Oregon. 8 am County Fair grounds. Agate, Petrified wood, Thundereggs. Dig and Hard rock.

7/16 POW Sweetwater. 10 am Darrington show grange. Travertine. Dig and Hard rock

8/20-21 NWOS Greenwater 9 am Enumclaw Ranger Station. Agate and jasper. Dig and Hard rock.

9/10-11 POW Teanaway. 8 am Teanaway camp. Geodes, agate, jade. Dig and Hard rock.

9/24 NWOS Little Naches. 9 am Enumclaw Ranger Station. Thundereggs and Lilypad Jade. Dig and Hard rock.

10/15 Msvl Money Creek. 9 am Money Creek camp gorund. Oregon and Picture Jasper. Dig and Hard rock.

11/19 Mt Baker club. Blanchard Hill. 9 am I5 exit 240 gas station. Dalmation Stone. Hard rock.

INTERNET ROCK SITES

1. www.orerockon.com - Pacific NW field trips, equip buy/sell, misc.
2. www.wrightsrockshop.com Has everything.
3. www.agateswithinclusions.com. The name sums it up.
4. www.geocities.com/Yosemite/Forest/2031/ . Terry's Oregon Rock Page has info on Oregon collecting.
5. Information on collecting in Eastern Oregon during the Madras Pow Wow: Write Eula Dillard, 145 E. 179th, Spanaway WA 98387 or call 253-847-2755.
6. www.wyodinator.org and www.thermopywy.net/bhbf for dinosaur excavation trips.
7. <http://mineral.galleries.com/minerals/byname.htm>
Part of Amethyst Galleries, Inc.'s web site, this is a listing of all the minerals in that company's (extremely extensive) database. More than a mere list, however, each entry is linked to its own page, giving info. such as the mineral's chemical composition, history, physical characteristics, and so on.
8. <http://www.goodearth.com/virtcave.html> The virtual cave site offers a directory of all caves in the US that are open to the public.
9. <http://www.luckystrikemine.com> Info from Prineville, OR rock dig site.
10. <http://www.the.gemshop.com>. The Gem Shop in Cedarburg, Wisconsin hold claims to central Oregon rock sites.
11. www.rockhounds.com This is a great site! Every aspect of rockhounding is addressed or it gives you a link.
12. www.stonetrails.com/ORlocs/ORlocs.htm Oregon rock sites Replace OR with WA...you'll get Washington sites.
13. <http://www.kinglseynorth.com>. **Buy grit in bulk.**
14. www.fs.fed.us/ - Fees and required permits for access to Federal lands.
15. General interest sites: www.rockhounds.com, www.fireagate.com, www.awesomegems.com
16. Be sure to go to our website (See top of Page 1). There are numerous links to other sites.
17. WEBSITES FOR DINO LOVERS
<http://dsc.discovery.com> Look for games and videos
<http://www.paleoportal.org>
<http://www.msnbc.msn.com> Look for technology and science.
<http://www.geo.ucalgary.ca>
<http://www.scienceschoolhouse.com>
18. <http://www.jescoproducts.com> **Buy grit in bulk**

OFFICIAL BLM REGULATIONS REGARDING COLLECTING:

You can collect a reasonable amount of rocks and minerals from BLM lands, but a permit or fee may be needed if you exceed certain amounts as described below. Note that the collecting limits for petrified wood are slightly different.

A REASONABLE DAILY COLLECTING AMOUNT

No BLM permit or fee required.

- fits in a car trunk or is a partial pickup truck load and,
- weighs less than 250 pounds

- and the material is not for commercial use.

(For petrified wood see below)

MORE THAN A REASONABLE DAILY AMOUNT

Requires a permit and fee from BLM.

- is a full pickup truck load or,
- involves more than one trip (or partial load) and,
- weighs more than 250 pounds
- or the material is for commercial use,
- or explosives or power equipment is used.

PETRIFIED WOOD:

Collecting petrified wood is free up to 25 pounds per day, plus one piece, but no more than 250 pounds per year. Pooling of quotas among two or more people to obtain pieces over 250 pounds is prohibited. A permit is needed for amounts over these limits.

AMERICAN FEDERATION OF MINERALOGICAL SOCIETIES

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 and rules governing collection on private 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 materials in collection areas.

I will cause no willful damage to property of any kind, such as fences, signs, building, etc.

I will leave all gates as found.

I will build fires only in designated or safe places. I make sure they are completely extinguished before leaving the area.

I will discard no burning materials--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 damage to collecting material and will take home only what I can reasonably use.

I will support the Rockhound Project H.E.L.P. (Help Eliminate Litter Please) and will leave all collecting areas devoid of litter, regardless or how found.

I will cooperate with Field Trip Leaders and those in designated authority in all collection areas.

WASHINGTON AGATE & MINERAL SOCIETY

Mailing address:

P O Box 2553

Olympia WA 98507-2553

WAMS meets the first Tuesday of each month, 7:00 p.m., at the First Baptist Church of Lacey, 4702 22nd (corner of College St. and 22nd)

Officers:

PRES Charlie Price 259-3063
VICE-PRES. Bob Hansson
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The Washington Agate & Mineral Society Newsletter is printed and distributed monthly. Material may be reprinted if properly credited. Deadline is the 20th of each month.

UPCOMING SHOWS: 2016

April 16-17: Lakeside Gem & Mineral Club. Benton Franklin County Fairgrounds 1500 S. Oak Kennewick WA

April 22-24: Mt Hood Rock Club W.P. Jackson Armory 6255 NE Cornfoot Road Portland OR 97218.

April 23-24: West Seattle Rock Club. Alki Masonic Temple 4736 40th Ave SW Seattle WA

April 30-May1: Everett Rock and Gem Club. Everett Comm. College-Walt Price Student Fitness Center 2206 Tower Street Everett WA

May 7-8: Umpqua Gem and Mineral Club Douglas County Fairgrounds I-5 Exit 123 Roseburg Or

June 3-5: Puyallup Valley Gem and Mineral Club Swiss Park 9205 198th Avenue East Bonney Lake WA 98390.

July 24-26: WAMS. Once again into the fray...
July 29-31: Willamette Agate and Mineral Society (AFMS and NFMS Meetings) Linn County Expo Center Albany Oregon

October 1-2: Marysville Rock Club. Totem Middle School Gym 7th Street and State Ave, Marysville WA

October 22-23: Clackamette Mineral and Gem Club Clackamas County Fairgrounds 694 NE 4th Ave Canby OR 97013

October 22-23: Bellevue Rock Club. Vasa Park, 3560 West Lake Sammamish Parkway SE, Bellevue WA

November 12-13: Skagit Rock Club. Sedro Woolley Comm Center, 703 Pacific Street Sedro Woolley WA

MINUTES FOR MARCH 1, 2016

Box score: Members 26, guests 4

Guests: Steve and Michelle Conjulusa, Bryan Tallman, Tiffany Smith, Sue Halvorsen

Show and Tell:

Theresa – Shell necklace.

Jim P. - Corral Fossils.

Kathleen – Misc Agate.

Bob – Petrified Wood.

Bryan T. - Mable Spheres.

Mary - Dreamer Rock, Abalone, Puget Sound Rock, Oklahoma Cherokee Tears, Travertine, Serpentine, Congolese Jasper.

Neil – Meteorite.

Bryan K. - Dino Bone, Cabs, Agate Slabs, Tiger Eye.

Alan – Macdermit Petrified Wood.

Rachel – Augite, Agate, Dental picks for cleaning.

Dave – Ochoco Thundereggs, California wood, Richardson Blue Bed Thundereggs.

Dick – Lucky Strike Thunderegg Frog.

Brandon – Obsidian, Pyrite, Agate, Rose Quartz.

Arlyn – Mineral display from Australia, Agate.

Shaun – Obsidian from job site in Vernonia, Small Agate.

Theresa was the adult winner. Brandon and Arlyn won junior prizes.

Treasury report: per newsletter. **Federation** report: Federation wants to update to email for newsletter. Jim will up date current email addresses. **Mineral Council** report: Bill to charge for access to State lands is dead in this session. **Show** report: None.

Old business: BLM meeting at Roosters had good responses from Feds.

New business: Rock hounding on Weyerhaeuser land may not be closed permanently. Booth options at the Shelton Tailgate sale.

Good of the Order: Ralph brought more minerals from the State Library collection for the juniors.

Program: Charlie presented a Field trip preparation slide show.