

WASHINGTON AGATE & MINERAL SOCIETY NEWSLETTER

Volume XVII ISSUE 04

APRIL

2014

OLYMPIA WA

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

REFRESHMENT LIST:

APRIL - LEANN CARANCI

MAY - M J HUETTER

JUNE - DAN DEBOER

JULY - RALPH NOLLNER

AUGUST - CLUB PICNIC

SEPTEMBER - JIM & CHERRY

OCTOBER - MIKE TANAKA

NOVEMBER - THE HOLMQUISTS

DECEMBER - CHRISTMAS PARTY

BUY...SELL...TRADE

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

Mark you calendars for May 10th 2014. We will have another club sale of rock at \$1 a pound. Once again at MJ's house: 4616 16th Ave SE Lacey WA 98503.

TREASURY REPORT:

The checking stands at \$1365.80. We own 20 tables and literally a 2 tons of rock. Running tally of rock sold vs \$5000 investment, adding the \$2000 purchase from Kathy Farr in March. Sold to date: \$794. Along with the club rock sale on May 10th, the club will be selling rock at the Lacey Fun Fair and the Olympia Artists' Garage sale over May 24-25.

CHRYSOPRASE

Recent stories are calling chrysoprase "Australian Jade." That's as bad as referring to abalone shell as marine opal. Such a beautiful stone deserves its own name. Chrysoprase is a lovely green quartz. Best grades are almost clear. Some of the stones have mossy inclusions. It ranges from dark jade green to a leek green color. The color is due to the presence of nickel.

The stone is similar to chalcedony in physical properties, with a hardness of 7 and sometimes brittle. It polishes well, but is slightly heat sensitive, so lots of water should be used while working it. If the stone gets hot, it develops white areas. Being slightly fibrous, it is great for carving.

HOW TO POLISH TALC...

1. Cut the talc into size desired.
2. Carve into appropriate shape with knife.
3. Sand with 220 or 400 grit sandpaper.
4. Smooth with quadruple zero (0000) steel wool, the finest available.
5. Heat in strong sunlight or warm oven until slightly warm to touch.
6. Rub with clear paste wax while talc is still hot. *The Roadrunner News 2/07*

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 casings. 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, WSMC = 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
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 Kicket, 206-612-3113
N.W.R. = NW Rockies & MT Baker clubs: Kathy Earnst 360-856-0588 or Ed Lehman 425-334-6282
Pvym = Puyallup Rock Club Mark Bauman 253-756-8636
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 = 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 Dave Master (509) 925-3827
WAMS = Wa Agate & Mineral Club.
Boe = Boeing Rock club Erik Chilson 360-825-3138
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. 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.

UPCOMING SHOWS: 2014

April 11-13: Mt Hood Rock Club: Kliever National Guard 10000 NE 33rd Drive Portland OR 97211

April 12-13: Yakima Rock & Mineral Club: WA National Guard Armory 2501 Airport Lane Yakima WA 98903

April 26-27: West Seattle Rock Club: Alki Masonic Temple 4736 40th SW Seattle WA

May 3-4: Everett Rock & Gem Club: Everett Comm College Student Fitness Center 2206 Tower Street Everett WA

June 6-8: Puyallup Valley Gem & Mineral Club: Swiss Park 9205 198th Ave East Bonney Lake WA 98390

August 15-17: NFMS Annual Meeting Hermiston Conference Center 415 South Highway 395 Hermiston OR

FIELD TRIPS: Mineral Council.

04/19/14 Mt Baker. Racehorse Creek. 9 @ IGA at Nugents Corner. Fossils. Dig & light, hard rock tools.

5/17/14 Elb: Saddle Mt. 9 @ Matawa Leprechaun Market. Petrified Wood. Dig & light hard rock.

06/14/14 Spk: Emerald Creek @To be determined. Star garnet. Tweezers

07/13/14 Spk: Lolo Pass @ To be determined. Smokey quartz. Dig tools, hard rock.

08/02/14 Shltn: Salmon Creek. I-5 park and ride Toledo. Agate, petrified wood, pseudo coprolites. Be prepared for wading. Shovel.

08/16/14 NWOS: Greenwater. 9:00 Enumclaw Ranger Station. Agate, jasper. Dig, hard rock.

09/06-7/14 POW: Red Top 8:00 Camp (W fork M fork jct) Dues, see above. Agate, geodes, jade, jasper

9/13/14 NWOS: Little Naches. 9:00 Enumclaw Ranger Station. Thunder eggs. Dig, hard rock.

10/04/14 MSVL: D.P. Mine & H.T. Creek. 9:00 Money Creek Camp. Ore picture jasper. Lt hard rock, light dig

11/08/14 MtBaker: Blanchard Mt. 9:00 I-5 240 exit gas station. Stilpnomelane & chert. 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.wyodonor.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.luckystrickemine.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.

Minutes for March 4, 2014

Box Score: Adults 22, Juniors 2
Guests: Allen and Donna Wood

WASHINGTON AGATE & MINERAL SOCIETY

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
VICE-PRES. Bob Hansson
ACT SEC: M. J. Huetter 459-8121
TREASURER: M. J. Huetter 459-8121
NW FED REP: Jim Thomas
MINRL CNCL : Jim Thomas

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SILENT AUC: Mike Tanaka 455-4607
ROCK SHOW Dan DeBoer 866-3940
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RETURN ADDRESS:

WASHINGTON AGATE & MINERAL SOCIETY
P O BOX 2553
OLYMPIA WA 98507

Show and Tell:

Leann: Small thunder-eggs and geodes along with tumbling tips.
Charlie: Blu Green jasper from Johnson Creek
Keith: Dino bone, coprolite, gizzard stone, dino skin
Kathleen: Zigzag oyster with regular oyster shell for comparison.
Jim: Fossil pictures from AZ and ammonite fossil.
Bob: Petrified wood.
Zoe: Appopholite from India.
Albert: Quartz replacement of calcite. Ellensburg Blue.
Jeremy: Biggs jasper
Chuck: Rock displays made of scrap pipe and other metal pieces.
Alan: Geodes from Toutle.
Jamie: Beach polished agate and jaspers.

Jeremy won the adult drawing. Zoe won the junior drawing.
Treasurer report per newsletter. Old business: None.

New business: Charlie informed everyone that the club has purchased another rock estate. Charlie will be hauling rocks over to his house and plans on a club hauling day, March 15th. There will probably be another club sale for rocks at \$1 a pound at Charlie's sometime in April. Details at April meeting. This will be in addition to the one scheduled for May 10th at MJ's.

Mineral council report: Information on Patty Murray trying to designate Wilderness for the Olympics.

NW Federation report: Information on BLM regulations concerning digging. No action at the state level for rock hound access to state lands.

Show Report: Dan passed along via Keith that the show is progressing. Also, wanted discussion about possibility of doing a 3 day show. Charlie said that everyone should think about it and we will discuss it at the next meeting.

Program: YouTube video of the cecipro-lap by HisGlassAWorks.com.

Respectfully submitted by Acting Secretary
Charley Price

MAIL TO: