

WASHINGTON AGATE & MINERAL SOCIETY NEWSLETTER

Volume XV ISSUE 5

MAY 2012

OLYMPIA WA

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

REFRESHMENT LIST:

MAY - M J HUETTER

JUNE - DAN DEBOER

JULY - THE HANSSONS

**AUGUST - CLUB PICNIC (NEW DATE 8/14 -
COULDN'T GET 1ST TUESDAY.)**

SEPTEMBER - GREG TOLBERT

OCTOBER - MIKE TANAKA

NOVEMBER - JERRY SPRENGEL

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.

TREASURY REPORT:

The checking stands at \$4598.56 plus we own 20 tables.

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*

SOUTHERN WA MINERAL SOCIETY NEWSLETTER:
Dave Roth reported on the gate at the end of Green MT Road. Longview Fibre is concerned with people going on the property and damaging it. The gate has been broken. Also, a nearby resident was robbed. He further reported that no one is allowed to walk in.

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
 Maple = Maplewood club: Don Furey 425-348-4827
 Msvl = Marysville club: Christina Morrissey 425-398-1300
 Mt. Baker club: Kris Menger 360-366-0576 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
 Pvgm = Puyallup Rock Club Tony Johnson 253-863-9238
 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 Bill Snell 509-933-2093
 Whidb = Whidbey Rock Clubs Dick Edwards 360-579-2807
 BELL = Bellingham Rock Club Brian Hughes 360-671-7330
 EVR = Everett Rock Club Bob Johnson 425-408-0849
 NID = North Idaho Diane Rose 208-667-8591
 PVGM = Puyallup Valley Tony Johnson 253-863-9238
 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: 2012

2012 NFMS ANNUAL GEM SHOW. MAY 18-20 LAKESIDE GEM & MINERAL CLUB. BENTON COUNTY FAIRGROUNDS, 1500 SOUTH OAK KENNEWICK WA
dac.bioguardtech.com, www.lakesidegemandmineralclub.com
ACTIVITIES:

1. KENNEWICK MAN, 2. SEVEN STORY CIRCLES AND INTERPRETIVE CENTER 3. SACAJAWEA HERITAGE TRAIL, 4 LIGHTHOUSE AT CLOVER ILAND 5. CHREST MUSEUM IN RICHLAND AND OBTAIN "ATOMIC" MARBLE, 6 DISCOVER ANIMALS AT THE MCNARY NATIONAL WILDLIFE REFUGE, 7 HANFORD RANCH-COLUMBIA RIVER

NATIONAL MONUMENT, 8 WALK THE SUSPENSION BRIDGE, 9 FRANKLIN COUNTY MUSEUM IN PASCO, 10 VISIT ROCK AND GEMS ROCK SHOP ACROSS FROM HUBBY'S PIZZA IN KENNEWICK.

2. 90 MINUTES NORTH IS SADDLE MOUNTAIN, WITH THE DIADOMITE OPEN PIT MINE CLOSE BY. VISIT GINKO PETRIFIED FOREST MUSEUM.

EVERETT ROCK AND GEM CLUB: JUNE 2-3. EVERETT SOCCER ARENA 2201 CALIFORNIA STREET EVERETT WA

"OUR CLUB": JULY 28-29. SET UP JULY 27 WITH EVENING POTLUCK.

MAPLEWOOD ROCK AND GEM CLUB: AUG 11-12. MAPLEWOOD CLUBHOUSE. 8802 196TH STREET SW EDMONDS WA

SWMS SHOW 09/15-16. CASTLE ROCK FAIRGROUNDS.

FIELD TRIPS: 2012

SWMS SADDLE MOUNTAIN. 5/4-5/6. PETRIFIED WOOD. PICK, SHOVEL, PRY BAR.

SWMS SALMON CREEK 6/2. 15 EXIT 63 PARK AND RIDE CARNELIAN, PETRIFIED WOOD, COPROLITES. SHOVEL POWWOW: MADRAS OR, 6/27-7/1. JEFFERSON COUNTY FAIRGROUNDS. AGATE, JASPER, WOOD, T-EGGS. DIG AND LIGHT TOOLS.

MSVL/DAR: DARRINGTON 7/21. ROCK SHOW BEHIND IGA STORE. TRAVERTINE AND SPELUNKING. HARD ROCK DIG, DRESS FOR WATER.

WSEA: LK WENATCHE 7/28. COLES CORNER GAS STATION. GARNETS, ACTINOLITE, TALC. SCREEN, WOOD SAW, DIG TOOLS.

NW OP: GREENWATER 8/18-19. ENUMCLAW RANGER STATION. AGATE, JASPER. DIG & LIGHT HARD ROCK.

**NORTHWEST FEDERATION RETREAT LABOR DAY WEEKEND AT THE HANCOCK FIELD STATION, ANTELOPE OREGON. COST IS \$270 PER PERSON FOR ROOM AND BOARD PLUS AN ADDITIONAL \$45 FOR CLASSES. CLASSES MAY INCLUDE CASTING, CABBING, FACETING, SILVERSMITHING AND BEADING. ALSO ON TAB ARE FIELD TRIPS, SPEAKER PRESENTATIONS, AN AUCTION AND "SHOW AND TELL." INFORMATION AT WEB SITE WWW.AMFED.ORG/NFMS
POWWOW: RED TOP 9/8-9. W FORK TEANAWAY CAMP. GEODES, AGATE, JADE. DIG & LIGHT HARD ROCK.
NW-OP: LITTLE NACHESE 9/15. TO BE DETERMINED. THUNDER EGGS, RHYOLITE. DIG & LIGHT HARD ROCK.**

MSVL: MILLER RIVER 10/27. HWY 2 MONEY CREEK CAMPGROUND. PICURE JASPER. ROCK HAMMER AND CONTAINER.

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.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 and will be certain 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

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 Charley Price
VICE-PRES. Keith Greetham
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NW FED REP: Jim Thomas
MINRL CNCL : Jim Thomas

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RETURN ADDRESS:

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

MINUTES APRIL 3, 2012

Boxscore: 19 adults, 6 juniors, guests 8: Carson, Riana, Sherry, and Eric Smith. Bob Rowe, Smokey Harder. Tami and Doug Grunefelder.

Meeting called to order at 7:03 by Charley Price

SHOW AND TELL:

Zoe: Salmon Creek petrified wood, coprolytes, agate.
Sam: Oregon pyrite.
Doug: Geode from Palm Springs.
Greg: Coprolites, fossil tracks from near Racehorse Creek.
Sherry: Petrified wood from Texas.
Jim: Horn coral from Texas.
Keith: Shell fossils, isopod, fish fossil.
Bob: Polished beach jaspers and agates.
Kathleen: Beach rocks and agates.
Chuck: Dolomite mine in Palm Springs, layers of geology, Slot Canyon.
Jim: Indian knapping chips.
Charley: Garnet, analcime, auricalcite.
Junior winner: Carson.
Adult winner: Doug.
Special drawing for Juniors: Daniel.
Minutes and treasurer's reports approved, except for wrong spelling on Jim Thomas' name. Treasurer's report in newsletter.
Mineral Council & Federation reports: Schedule of field trips is now on
Old business: Name tags. Name tags can be picked up at future meetings. Contact Bob if you want one.
New Business: Dan DeBoer reported on our July show. Needs advertising—anyone with ideas contact Dan. Zoe reported on Federation show in May.
Program: Zoe discussed coprolites.
Meeting ended 8:15

MAIL TO: