

WASHINGTON AGATE & MINERAL SOCIETY NEWSLETTER

Volume XV ISSUE 4

APRIL 2012

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 - 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

pinks and blues. Tigereye turns blue or red: carnelian agate

turns orange-red. Aquamarine may go from green-blue to blue. Rubies may lose a purplish tint. Iolite may be turned to a deep blue.

DYED: This is also a common practice. Agate is dyed to fancy pinks, purples, oranges and blues--eye catching and very saleable. Chalcedony is often dyed; black is old as onyx and green is sold as chrysoprase. Howlite is often dyed to look like turquoise, lapis, sodalite and charite. Turquoise and Jadeite are often dyed to enhance the natural color. Alabaster, coral banded calcite, and marble are dyed to enhance their color or to imitate other semiprecious stones.

IRRADIATION: While topaz is currently the most commonly irradiated gemstone (to get various shades and tones of blue) this is also how one gets those fabulously colored diamonds. In fact, diamond was the first gemstone color treated with radiation.

STABILIZED: Opals are often stabilized--either by filling such as with Opticon resin (similar agent) or by capping with as a doublet or triplet. Emerald has a long history of fracture filling due to its popularity and its tendency to be highly included and fractured. While natural oils have traditionally been used for filling and stabilization, modern synthetic resins are now being used, such as Opticon, which are more permanent than the natural oils. Turquoise and coral are also stabilized in such a manner so as to make them a bit more durable.

CREATED: This is a touchy subject for some folks. Much like farmed pearls are real with a center of plastic or mother of pearl rather than sand. Still real, still a pearl, just helped to grow by human hand. Laboratory grown crystals of ruby, sapphire, diamond, emerald and star sapphire are real semiprecious stones...just not grown by Mother Nature.

SO..REAL or FAKE??: This "real vs fake" can be argued with all sides being technically correct. That is not the most important information one can have. The really important bit about this from a lapidary or jeweler's point of view is disclosure. Does one know up front that the stone you are getting has been "helped along" by human touch? Do you as a lapidary artist, gemsmith, jeweler, or craftsman know what you are using? *Rock Chipp 6/01*

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 \$4583.50 plus we own 20 tables.

SHOP TIPS:

One way to clean quartz and amethyst crystal carbonates such as calcite, barite and lime that does not involve dangerous acids is to cover them with fresh vinegar. Allow the crystals to stand overnight in the vinegar; repeat if necessary. Wash well and then place the crystal in washing ammonia for 8 to 12 hours, remove, rinse and wipe.

When a stone is properly polished, you can read the reflection from the bottom of an overhead light bulb in the high polish of the stone.

NHANCED, TREATED, HEATED, DYED, STABILIZED, CREATED, IRRADIATED, FAKE? by Deborah Phianz

Gemstones and semiprecious stones have been fiddled with for centuries to make them "more" colorful, more eye-catching, and easier to work. This does not make them "fake"; however, one should know what some of those terms and treatments mean.

Heat Treated: This is the most common treatment and is as old as fire. Humans heated agate and jasper so as to be able to knap the stones for tools. Humans also heat gem material to enhance, clarify or create color in a stone. Amethyst is heated for citrine and ametrine. Zircon is heated to clarify the stone to clear white. Sapphires are heated to get the most amazing

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.

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.

FIELD TRIPS: 2012

HAVEN'T RECEIVED ANY FROM MINERAL COUNCIL. SUGGEST YOU CHECK THE MINERAL COUNCIL WEBSITE FOR ANY TRIPS IN FEB OR EARLY MARCH.

Mineralcouncil.org

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, CABING, 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

UPCOMING SHOWS: 2012

EVERETT ROCK AND GEM CLUB: APRIL 14. BUS TRIP TO ABBOTSFORD BC FOR THE CANDADIAN REGIONAL GEM SHOW. OBVIOUSLY PASSPORT OR ENHANCED DRIVER'S LICENSE REQUIRED. COST PER ADULT IS \$20, JUNIORS \$10. MUCH MORE INFORMATION CAN BE OBTAINED BY CALLING 360-658-7435

WEST SEATTLE ROCK CLUB: APRIL 21-22. ALKI MASONIC TEMPLE 4736 40TH AVE SW WEST SEATTLE
GRAYS HARBOR CLUB: APRIL 28-29. GRAYS HARBOR COUNTY FAIRGROUNDS 43 ELMA/MCCLEARY ROAD ELMA WA

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
ACT SEC: M. J. Huetter 459-8121
TREASURER: M. J. Huetter 459-8121
NW FED REP: Jim Thompson
MINRL CNCL : Jim Thompson
COMMITTEE CHAIRS:
PROGRAMS: Charley Price
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**

MINUTES MARCH 6, 2012

Boxscore: 11 adults, 1 juniors,
Meeting called to order at 7:03 by Charley Price
SHOW AND TELL:
Zoe: Salmon Creek petrified wood, coprolytes, agate.
Jerry: Arizona petrified wood log (130 pounds).
Keith: Geodes.
Bob & Kathleen: Polished Tono seam agate.
Albert: Bolo tie cabs, patterns in jasper, agate, tiger eye.
Charley: Moss agate from Toutle, Carey Plume Angel wing.

Junior winner: Zoe.

Adult winner: Bob.

Minutes and treasurer's reports approved.

Mineral Council & Federation reports: Schedule of field trips is now on Mineral Council website. The Mineral Council wants members to contact their legislators about HB 2600, which failed to pass this year, and to send them a list of possible locations on state land to use as trial rockhounding areas.

Old business: Name tags. Bob brought in name tags. Members not present can pick up their name tags at future meetings.

Kalama: No news.

New Business: Gregg Wilson handed out flyers for the North Seattle show on March 17-18.

Program: Charley gave a presentation on how to measure density of rocks.

Meeting ended 8:00

MAIL TO: