

WASHINGTON AGATE & MINERAL SOCIETY NEWSLETTER

Volume XVIII ISSUE 6

JUNE 2015

OLYMPIA WA

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

REFRESHMENT LIST:

JUNE - DAN DEBOER

JULY – MJ HUETTER

AUGUST - CLUB PICNIC

(Starts at 6:00 at Rose Garden in Priest Point Park. Pot Luck. Club will supply drinks, napkins, plates, and utensils. Tailgate swap after dinner is over, unless, like usual, it starts up sooner.)

SEPT – KEITH GREETHAM

OCTOBER - MIKE TANAKA

NOVEMBER – THE HOLMQUISTS

DECEMBER - CHRISTMAS PARTY

BUY...SELL...TRADE

Charley reports plenty of good material is left. Call him at 360-259-3063 and set up an appt. at \$1a 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.

LOOKING FOR: We sold out all of our coprolytes. Anyone have any? Willing to trade for some big rock.

TREASURY REPORT: The bank account stands at \$7324.73. (A year ago it was \$4371.27) Thanks to Bob and MJ for their work at the Lacey Fun Fair. They took in \$710—a year ago, they took in \$670. Bills paid: Entrance fee to the Fun Fair, annual PO Box fee, copies of Ruth Stennet's book "Hidden Beauty", and newsletter printing. In addition we have 20 tables and a lot of rock.

SPECIAL SHOW AT JUNE MEETING

Our esteemed member Jim Thomas will sharing his collection of Northwest Native American artifacts and providing cultural and historical context. ***Be there or be square!***

UNCLE WAMS NEEDS YOU!!

On Friday July 24, the first day of our Tenino show, MJ will not be there. Bob will need help that day for sure. Everything will be set up. We just need you to put on a money apron and sell rock. Hours are from 9-6. If you can't make all the hours, just tell Bob when you will be there. It's a lot of fun. New blood is always welcome, since Bob and MJ aren't getting any younger.

THE ANCIENT EYE

Trilobites are among the oldest of the meazoans (multi-cellular animals with differential tissues and organs.) They are incredibly complex, especially for being the earliest with a brain, nervous system, digestive tract, muscular system and compound eye. The puzzle of their complexity was emphasized by the lack of evolutionary predecessors.

Trilobites were strictly marine animals that first occurred at the base of the Cambrian. It was thought they were among the first fossils since no undisputed form was known in the Precambrian. There are a wide variety of fossils of simple plants and animals among the late Precambrian rocks, but nothing as complex as the trilobite. When soft-bodied trilobites were discovered in the Vendian (late Precambrian) period, it is probable that the trilobite's predecessors were often not fossilized because of their lack of hard parts.

Hard shells were primarily a Cambrian development. The evidence is that non-shelled trilobites lived in the Precambrian and developed hard shells of elegant and beautifully simple structure in the Cambrian, after which growing competition caused them to develop increasingly specialized and bizarre forms with complex spines, antlers and other armor probably meant for defense.

The trilobite's inevitable decline was prolonged during the Carboniferous period, their antlers and spines disappearing, the specialization preventing them from adapting. Declining in numbers and in function, plain, small and defensive, the entire class of animals in the largest phylum of animals on earth, the arthropods, became extinct by the end of the Permian. They had wandered the earth for 300 million years and had developed 1,500 genera and over 10,000 species. Edited from Larry Solomon in FOSSIL NEWS

Calgary Lapidary Journal March-April 2007

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

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 = 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.

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.

June 15: SPK. Emerald Creek. 9 am @Emeral Creek Star Garnet Area, Idaho. Garnets. Tweezers.

June 21-24: POWWOW. Madras OR. 8 am Fairgrounds. Dues required. Petrified wood, agate, jasper, thunder eggs- \$1 lb.

July 18: Darrington. 11Am @show, Darrington Grange. Travertine. Lt hard rock tools.

August 15-16: NWOS. Greenwater. 9:00 am @ Enumclaw Ranger Station. Agate, jasper. Dig, Lt hard rock.

Sept 12-13: POW. Red Top. 8:00 am @ camp (W for M fork jct) (see dues above.) Agate, geodes, jade, jasper.

Sept 26: NWOS. Little Naches. 9:00 am Enumclaw Ranger Station. Thundereggs. Dig, Lit hard rock.

10/17: MSVL. Money Creek. 9 am @ Money Creek Camp. Ore, picture jasper. Lt hard rock, light.

11/14: MtBkr. Blanchard Mt. 9Am @ I-5 240 exit, gs station. Stilpnomelane & chert. Hard rock tool.

UPCOMING SHOWS: 2015

June 5-7: Puyallup Valley Gem and Mineral Club Swiss Park, 9205 198th Ave East Bonney Lake WA 98390

July 24-26: OUR SHOW IN TENINO.

Aug 15: Shelton Rock and Mineral Society. Tailgate Rock Sale and Swap. 9 – 5. Shelton Soccer Park Parking Lot, 2102 John's Prairie Road.

Sept 9/19-9/20: Southern Washington Mineralogical Society. Castle Rock Fairgrounds. A Street & Cowlitz River, Castle Rock WA 98611

Oct 24-25: Clackamette Mineral and Gem Club. Clackamas County Fairgrounds, 694 NE 4th Ave, Canby OR 97013

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

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
ACT SEC: M. J. Huetter 352-9702
TREASURER: M. J. Huetter 352-9702
NW FED REP: Jim Thomas
MINRL CNCL : Jim Thomas

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SILENT AUC: Mike Tanaka 455-4607
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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.

RETURN ADDRESS:

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

Minutes for May 5, 2015

Box score: Attendance 25 members and 2 guests.

Show and Tell:

Zoe – petrified wood
Jim – giant fossilized ammonite
Ralph – volcanic rock (green, black, sunstone)
Shawn – carnelian
Rachel – petrified wood (agatized)
Karen – opal
Keith – druzy quartz (assorted mineral pieces)
Rhianna – basalt rock
Jenny – mystery white mineral
Cara Cereghino – epidote quartz with barnacles
Jim – orange rock
Cherry – teaching books on geology -- “Everybody needs a rock”, “A rock that fits nicely in your hand”
Kathleen – fire agate
Bob – samples from the club’s chalcedony inventory

Very brief business meeting and announcements

A great program and demonstration on obsidian knapping, presented by guests Woody Woodside and Mick Hill

Respectfully submitted by Acting Secretary – Bob Hansson

MAIL TO: