

WASHINGTON AGATE & MINERAL SOCIETY NEWSLETTER

Volume XIII ISSUE 7

JULY 2011

OLYMPIA WA

WEBSITE: WAMS.HOSTWQ.NET

REFRESHMENT LIST:
JULY - THE HANSSONS
AUGUST - CLUB PICNIC
SEPTEMBER - GREG TOLBERT
OCTOBER - DAVID OLEXER
NOVEMBER - JERRY SPRENGEL
DECEMBER - CHRISTMAS PARTY

TREASURY REPORT:

The checking stands at \$3473.33, plus 20 tables. Checks were written for our July show in Tenino, including a \$500 deposit which we get back after the show is over.

BUY...SELL...TRADE

SHELTON ROCK AND MINERAL SOCIETY
2ND ANNUAL TAILGATE ROCK SALE AND SWAP
MEET. SATURDAY 8/20 AT THE SHELTON SOCCER
PARK, 2102 JOHNS PRAIRIE ROAD IN SHELTON
FORM 9-5.

IF YOU WISH TO PARTICIPATE: \$15
PREREGISTRATION OR \$20 AT THE GATE. ANY
QUESTIONS CONTACT RICHARD BUCHHOLZ 360-
427-2497 OR EMAIL: GIGGPIG@AOL.COM
SHOPPERS AND BROWSERS HAVE FREE ADMISSION
AND PARKING.

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

**OUR JULY TENINO SHOW IS JULY 23-24, WITH
SETUP ON FRIDAY THE 22ND. BE SURE TO MARK
YOUR CALENDAR FOR THE DEALER POTLUCK ON
FRIDAY THE 22ND—AND BRING A DISH! WE WILL
NEED HELP THOROUGHOUT THE WEEKEND AND
ESPECIALLY ON SUNDAY AT 5 TO TAKE
EVERYTHING DOWN. THANKS.**

**ALONG THESE LINES, THE FEDERATION SHOW IN
2011 WILL BE HELD IN CHEHALIS JULY 29-31,
WITH GATES OPENING AT 10 ON FRIDAY.**

**LOCATION IS THE SOUTHWEST WA
FAIRGROUNDS, 2555 N NATIONAL AVE, CHEHALIS
WA 98532.**

**THEY ARE LOOKING FOR AUCTION MATERIAL,
WITH A 60/40 SPLIT ON PROCEEDS WITH 40%
GOING TO THE FEDERATION.**

I GUESS WE'RE THE WARM UP ACT.

Minerals anyone?

The Pacific NW Friends of Mineralogy gather annually at the Red Lion in Kelso WA on October 14-16. While there is a fee to attend the presentations and meal functions, there is no fee to enter the main showroom or visit with dealers. Friday 5-10 pm., Saturday 9am – 10 pm., Sunday 9am – 11:30 pm. More info contact Bob Meyer pyrite111@hotmail.com

PAINTING THE RUBY RED Lapidary

Journal March 1992

If rocks and minerals came in shades of black, white, and gray, there would be few minerals we would consider gems. Oh, we might value certain minerals such as quartz, tourmaline, or corundum for their industrial properties, but in a world where color is often a criterion for beauty--the leaves of fall, fashions of spring, or a friend's eyes--we would almost certainly not treasure rocks and minerals for their beauty. For without color, a gemstone, with the notable exception of diamond, is just another "rock".

For nature to paint the ruby red, an extraordinary set of coincidences must take place. Many gems and mineral fans can recite the fact that chromium is the coloring agent for ruby, or some other element accounts for the hue of another gem, but that is just scratching the surface. What do we mean by "agent" or "accounts for"--just how does chromium give ruby its prized red? And more puzzling still, how does chromium make a ruby look red but an emerald look green?

Those are big questions and we don't pretend to try to answer them fully here, but we will probe a little deeper and examine not merely the chemical element, such as chromium, but the particles that make up the atoms of those elements and how they interact. For us to see colored stones, the right atoms of the right elements must be in the right places in the right amounts. And on top of that, these minute bits of matter must all be coordinated with the mercurial nature of light. For without light, gemstones, no matter how perfect their atomic recipe, would have no color.

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
 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 Kickett, 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. Mike Messenger. 360-561-6379 mmessenger@comcast.net
 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: 2011

"OUR CLUB": JULY 23-24. SET UP JULY 22 WITH EVENING POTLUCK.

NFMS ANNUAL MEETING AND SHOW: JULY 29-31.

SOUTHWEST WASHINGTON FAIRGOUNDS, CHEHALIS WA

SHELTON ROCK SOCIETY: AUG 20 9-5. TAILGATE ROCK SALE AND SWAP MEET.

SOUTHERN WA MINERAL SOCIETY: SEPT 17-18. CASTLE ROCK FAIRGOUNDS

FIELD TRIPS FOR 2011

07/23 WHID LAKE WENATCHEE. 9 am @ Coles Corner Gas Station Garnet, actinolite and talc. 1/4" screen, bucket, wood saw, shovel, dig tools.

8/6 YAK TIMBERWOLF MTN: Time TBD Naches (Yakima area) Quartz crystals w/inclusions.

08/20-21 PVGM GREENWATER 9 am @ Enumclaw Ranger Station. Agate, jasper. Dig and light hard rock.

08/27? Ed Lehman JADE CLAIM: Time TBD. Darrington Area. Jade- fee dig \$100 /person. Strenuous hike xxx miles.

09/3-4 NSEA REPUBLIC WA: Time TBD. Plant fossils. Shale and splitting tools.

09/10-11 POWWOW RED TOP, CLE ELUM. 8 am W Fork Teanaway Camp. Geodes, agate, jade. Tools: Dig & light hard rock

09/17 PVGM LITTLE NACHES. 9 Enumclaw Ranger Station. Thundereggs. Tools: Dig & light hard rock

9/24-25 Stu Earnst (earnstkk@comcast.net) WASCO OR: 8 Goldendale WA. China Hollow Picture Jasper. **REG OPENS 7/1 \$25 Deposit**

10/29 MSVL: Miller River. 9 am Hwy2 Skykomish WA. Picture jasper. Rock Hammer and container.

11/5 Mt Bk: Blanchard Hill. 9 am I5 exit 240 gas mart. Stilpnomelane in Quartz. Hard Rock tools.

CROCODILE WANNABE

It seems as though dinosaurs are getting scarier and scarier. As if *Tyrannosaurus Rex* wasn't bad enough, we then were told about *Giganotosaurus*, which was sort of like *T. Rex*, but bigger. And now we have *Suchomimus tenerensis*. At 36 feet long and weighing approximately five tons, *Suchomimus* was roughly the same size as *T. Rex*, but had massive, powerful forearms with thumb claws that measured four inches in length. The sick-shaped thumb claw was, in fact, the first part of the dinosaur to be discovered, spotted by David Varricchio, curator of the Old Trail Museum in Choteau, Montana. The elongated skull and the region of the Sahara in which it was discovered gave it its name, which translates to "crocodile mimic from Tenere."

The leader of the expedition, Paul Sereno, of the University of Chicago, describes *Suchomimus* as "a dinosaur trying hard to be a crocodile." *Suchomimus* lived approximately 100 million years ago, in an environment that was decidedly hostile. Although the imposing dinosaur was the largest and most common predator of its day, the fish-eater would have had its competition. "If you weren't grabbed by a spinosaur," says Sereno, "you'd likely run into a 50-foot crocodile." *Lapidary Journal Feb 1999*

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 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.

MINUTES JUNE 7, 2011

Boxscore: 16 Adults, 3 Juniors.

Guest Brent Thompson joined our club.

Meeting called to order by Vice President M. J. Huetter at 7:05.
Show and Tell:

Nelda: A display of AZ turquoise and arrow heads.

Keith: Minerals, crystals, calcite, fluorite, copper, barite, pyrite.

Kathleen: & Bob: Plant fossils collected outside of Mineral on Hwy 7.

Evan: Ellensburg blue and quartz from First Creek out of Liberty., along with petrified wood.

Doug & Sam: Petrified wood from Salmon Creek. Carnelian agate from Cougar Creek.

Zoe: Limb cast from Crooked River, OR.

Greg: Petrified wood from Fisher Canyon, Paulina OR.

Evan won the junior drawing. Greg won the adult.

Dan DeBoer said that he needs help on Friday setup at the school. There are 8 dealers signed up, hoping for 14-18. Dan is hoping to secure a food vendor, always a hit and miss endeavor. The city of Tenino requires us to pay \$100 for our event, along with a \$500 refundable deposit. He again asked for volunteers on Saturday and take down on Sunday.

Greg reminded us about the Federation show at the end of July. He hopes some of our Juniors will put in cases for the experience of being judged.

Greg also give a short presentation on the wide range of activities and material from Central Oregon.

Submitted by
M J Huetter, Secretary

MAIL TO:

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:

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MINRL CNCL :

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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.

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