

# WASHINGTON AGATE & MINERAL SOCIETY NEWSLETTER

Volume XV ISSUE

MARCH 2012

OLYMPIA WA

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

## REFRESHMENT LIST:

**MARCH – CHARLEY PRICE**

**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**

## BUY...SELL...TRADE

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

## LEADING QUARTZ LOCALITIES IN KING COUNTY, WASHINGTON

Washington does not lack occurrences of interesting quartz crystal specimens. The opening of the North Cascades Highway revealed smoking quartz crystals in association with rare minerals at Washington Pass. State Geologist Ray Lasmanis discovered highly complex crystals lying loose in seams in basalt near the summit of Timberwolf Peak, in Yakima County. Unnamed prospectors late in the 19th century in the search for gold along the three forks of Snoqualmie River in King County frequently encountered quartz crystals. The crystals failed to indicate the presence of gold, however. They were ignored until collectors became aware of their attractions. The occurrences here and the interesting features are not duplicated in number and variety anywhere else in Washington.

Features seen in the area include doubly-terminated crystals, gem-quality, healed crystals (including patterns of re-growth), inclusions (gas, fluids, other minerals), milky quartz crystals, needles, phantoms, pseudomorphic crystals, raspberry-colored crystals, scepters (normal and reverse), skeletal crystals, smoky crystals, druses with a suture texture, and twin crystals (Japan law, Reichenstein-Griesertal, others). In tabulations that follow, Reichenstein-Griesertal is abbreviated as R-G. World-wide, both Japan law and R-G twins are considered rare. The relative plethora of such crystals on the Snoqualmie River makes the area notable.

### SNOQUALMIE RIVER, NORTH FORK

Devils Canyon (SE.25 27, 25-10E): Japan-law twins, R-G twins, scarce scepters; accompanied by schorl suns,

molybdenum and tungsten minerals; probably still under claim.

Green Mountain (SW 33.25, 24-9E): inclusions of actinolite, tiny but classical scepters; at and near minor but interesting deposits of magnetite, under claim in the 1890's. Lake Hancock (N.5 SW.25 32, 24-9E): smoky

Mt Teneriffe (S.5 SE.25 32, 24-9E): Japan-law twins, R-G twins (sometimes sceptered!), inclusions of dravite, hematite, rutile, and other minerals; spelling given here is correct, although in variance with its reference.

### 1 SNOQUALMIE RIVER, MIDDLE FORK

Bear Lake, Deer Lake, Snoqualmie Potholes (SW.25 10, 24-11E, Sections 15 and 16, 24-11E): scepters, amethyst

Clipper (NW.25 1 and NE.25 2, 23-11E): scarce gem quality, scarce Japan-law twins and scepters, odd pseudomorphic crystals after unknown mineral; crystals arrayed in parallel ranks (suture texture); inclusions of actinolite, chalcopyrite, chlorite, pyrite, and siderite; on a patent claim.

Condor (NW.25 11, 23-11E): scarce gem quality, actinolite and rutile inclusions, monazite inclusions reported (based on finding of radiation haloes within individual crystals); on a patent claim.

Dutch Miller (early copper-gold claims at Chain Lakes; SW.25 20, 24-13E): odd growth patterns; claimed

Granite Lakes area (east end of Granite Lake-Gifford Lake divide; near center of 24, 23-9E): inclusions, phantoms.

Green Ridge (SE.25 30, 24-11E): scepters (many of amethyst), scarce or rare Japan-law or R-G twins (some with inclusions), doubly-terminated crystals, phantoms, inclusions (pyrite, other minerals), individual crystals to 6 inches long; in vugs to 40 feet long (some big enough to stand up in); scattered over 240 acres; claimed

Horseshoe Mines (SW.25 23, 23-9E): tiny doubly-terminated crystals that cascade out of newly-opened pockets; old claims

Katie Bell Ridge (SE.25 36, 24-11E): scepters (some of amethyst), inclusions (pyrite, chlorite), phantoms; quartz here is associated with needles of malachite; claimed.

Pedro Pipe (NE.25 1, 23-11E): inclusions of pyrite, scheelite; odd growths; site is better known for its other minearls; patent claim

Porter (SW.25, 23-11E): inclusions (pyrite, probably othe mineals), scepters (normal and reverse); patent claim

Spruce Claim (SE.25 2, 23-11E): inclusions (actinolite, fluid, gold, pyrite), scepters, doubly terminated crystals (as healed crystals), needles, Japan-law twins; this site is better known for its superb pyrite; patent claim

Copper Chief area (near Condor): an unnamed site above the Copper Chief produces reverse scepters.

## LOCAL FIELD TRIPS (PUB. WSMC)

CMS, WMSC = Cascade Mineral Society. Brian Williams (206) 290-2312 email [bwaters2011@gmail.com](mailto:bwaters2011@gmail.com)  
Ed L = Ed Lehman (425) 334-6282 [wsmced@hotmail.com](mailto: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](mailto: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 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](mailto:cliff.conniematteson@gmail.com)  
Longview = Longview club Emmett Johnson 360-636-3491  
Ashwood Oregon Darrell Friend 541-489-3252, web page [www.ashwoodrockstock.com](http://www.ashwoodrockstock.com)  
Eking = East King Norma Kikkert, [kev1123@hotmail.com](mailto: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

**NORTH SEATTLE CLUB: MARCH 17-18. LAKE CITY COMMUNITY CENTER 12531 28TH AVE NE SEATTLE**  
**MT BAKER ROCK CLUB: MARCH 31-1. BLOEDEL-DONOVAN PARK 2214 ELECTRIC AVE BELLINGHAM WA**  
**CITY OF PORT ANGELS: 2ND ANNUAL ROCK, GEM AND JEWELRY SHOW MARCH 24-25 VAN BURTON COMMUNITY CENTER 308 EAST 4TH STREET PORT ANGELES WA 98362. INFO CINDY 360-417-4550**  
[CKOCHANEK@CITYOF.PA.US](mailto:CKOCHANEK@CITYOF.PA.US)

**EVERETT ROCK AND GEM CLUB: APRIL 14. BUS TRIP TO ABBOTSFORD BC FOR THE CANADIAN 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**

**2012 NFMS ANNUAL GEM SHOW. MAY 18-20 LAKESIDE GEM & MINERAL CLUB. BENTON COUNTY FAIRGROUNDS, 1500 SOUTH OAK KENNEWICK WA**  
[dac.bioguardtech.com](http://dac.bioguardtech.com), [www.lakesidegemandmineralclub.com](http://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 23-24. SET UP JULY 22 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.**

**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](http://WWW.AMFED.ORG/NFMS)**

## INTERNET ROCK SITES

1. [www.orerockon.com](http://www.orerockon.com) - Pacific NW field trips, equip buy/sell, misc.
2. [www.wrightsrockshop.com](http://www.wrightsrockshop.com) Has everything.
3. [www.agateswithinclusions.com](http://www.agateswithinclusions.com). The name sums it up.
4. [www.geocities.com/Yosemite/Forest/2031/](http://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](http://www.wyodonor.org) and [www.thermopywy.net/bhbf](http://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](http://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](http://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/](http://www.fs.fed.us/) - Fees and required permits for access to Federal lands.
15. General interest sites: [www.rockhounds.com](http://www.rockhounds.com), [www.fireagate.com](http://www.fireagate.com), [www.awesomegems.com](http://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  
NEWSLETTER: M. J. Huetter 459-8121

WEB SITE: Charley Price  
JR PROGRAM: Greg Tolbert

**NEWSLETTER STAFF:**

Printing & Mailing  
M. J. Huetter 459-8121

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.

**TREASURY REPORT:** We have \$4583.56 in checking, along with our 20 tables and a sizable rock inventory for future sales.

**RETURN ADDRESS:**

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

Boxscore: 12 adults, 2 juniors, 3 guests. (Jaden Wade returned with his father.)

Meeting called to order at 7:05 by Charley Price

**SHOW AND TELL:**

Zoe: Agates from Silver Lake. Demonstrated probing.

Evan: Copper from museum.

Leann: Petrified wood, granites from Peninsula Beach.

Jim: Museum of Natural History at DC, talked about columnar basalt from Randal, Gemstones of the World book used to identify rock and minerals. Has information about rough rock and equipment for sale by

Larry Balestra 943-8057.

Jamie: Small meteorites.

Keith: Valentine Day red, heart shaped agates, rings and bolo ties.

Bob: Obsidian from Glass Butte.

Kathleen: Mahogany obsidian from Glass Butte.

Charley: Metallic rock without magnetism.

Junior winner: Zoe. Adult winner: Leann

Minutes and treasurer's reports approved.

Mineral Council & Federation reports: Discussion on HB 2600.

Old business: Name tags. Greg located old provider, who's cost was \$12.50 per badge (like Mike's). Bob found metal and plastic badges in any color at a cost of 4-6 dollars. Jim moved and Jerry seconded to have Bob contact Grindstafs and purchase name tags for everyone who is interested. Motion passed. A list was drawn up and money was collected by Bob who will purchase green name tags. Any others that want a name tag in the future can purchase them at a later date.

Kalama: No news.

New Business: Federation show in May in the Tri-Cities. Former member passed away who used to be a Newsletter editor. Charley raised the question about Mineral Council and Federation representative. Job will include checking newsletters for information pertinent to our club. Jim Thompson volunteered to do both. Some discussion of possibly reimbursing for mileage.

Program: Charley gave a presentation on cleaning rocks and minerals. Meeting adjourned at 8:05.

**MAIL TO:**