



the CMS Tumbler

April
2017

The monthly newsletter of the **Cascade Mineralogical Society, Inc.** Kent, Washington

Next Meeting:
April 13, 2017
7:00 p.m.

**American Legion Hall
25406 97th Pl S
Kent, WA**

Meeting Topic: Glenn Morita on rock and crystal collecting in Washington. The speaker this month will be long time rockhouser Glenn Morita, of the Marysville Club. Glenn will be speaking on rock and crystal collecting in Washington. Glenn is the WA Mineral Council West Side Trustee and WA Mineral Council Newsletter Editor. He is driving to Kent from Marysville at a peak traffic time so let's all show him a big welcome and sign of appreciation by having good attendance for this meeting.

Show 'n Tell, Raffle and Door Prize: Unusual rocks, crystals or fossils that are found in Washington. I would like to see items other than petrified wood.



*This month remember
to wish a
**Happy Birthday to
Mark Hohn on April 17,**
and also remember
to wish a
**Happy Anniversary to
Mark & Penny Hohn on April 17***



Don't forget you can pay your dues via credit card!! We now accept all cards.

We are well into 2017 so make sure your dues are paid for this year. It is even easier now as you can also pay your dues by credit card from our website or at the meeting.

You can renew your membership or enroll as a new member and pay your dues all in one shot online. You will find it under the "Membership" tab on our website. <http://www.cascademineralogicalsociety.org>

This publication is an official bulletin of the Cascade Mineralogical Society Inc. (CMS).

Except where otherwise noted, material from The Tumbler may be reprinted for non-commercial purposes, provided that the author(s) and source are acknowledged.

For commercial use, the author(s) must be contacted for permission; if no contact information is given, contact them via the editor.

Tips, suggestions, recipes and experiments printed in this newsletter are the experiences and/or opinions of the individuals submitting them. We are not responsible for their authenticity, safety, or reliability. Caution and safety should always be practiced when trying out any new idea.

When on field trips this organization uses CB Channel 7.

CMS Club Address

*Rich Russell
14431 SE 254th St.
Kent, WA 98042*

Keith Alan Morgan, Editor

Postal, or Email, Exchange
Bulletins are welcome.
Email preferred.
morgangraphix@yahoo.com

Officers & Directors 2017

President Kat Koch president@cascademineralogicalsociety.org
Vice President Diana Horsfall
Treasurer Richard Russell
Secretary Pete Williams
Director Roger Pullen
Director Mark Hohn
Past President Bob Pattie
Federation Representative Michael Blanton
Federation Representative Kat Koch
Mineral Council Bob Pattie
Mineral Council Jacquie Pattie
Refreshment Diana Horsfall
Membership
Health & Welfare Bev Williams
Library Bob Pattie
Video Library
Raffle/Display Stanley Loreen
Show & Tell Michael Blanton
Field Trip Tony Johnson
Tumbler Editor Keith Alan Morgan morgangraphix@yahoo.com
Webmaster Mark Hohn
South Sound Show
Events Coordinator
Public Relations Kat Koch
Club Historian
Donations Kat Koch
Shop Operations Bob Pattie
Open Shop
Shop Instructors:
 Faceting
 Jewelry
 Lapidary Bob Pattie

2017 CMS Dues are \$30. Send or deliver dues to:

Richard Russell
14431 SE 254th St.
Kent, WA 98042

(or pay him at the meeting)

The object of the Society shall be to stimulate interest in the study of the earth sciences, lapidary arts and related subjects.

This Society is affiliated with the *American Federation of Mineralogical Societies*; the *Northwest Federation of Mineralogical Societies*; and the *Washington State Mineral Council*.

Every member of the club should be receiving a copy of the Northwest Newsletter. If you are not receiving a copy contact Mike Blanton

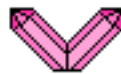
To get information to the Tumbler via the Internet send it to **morgangraphix@yahoo.com** Please put Tumbler and subject in the Subject Line. The deadline is the 20th of each month.

The CMS external website is <http://www.cascademineralogicalsociety.org>

Our Facebook page is <http://www.facebook.com/pages/Cascade-Mineralogical-Society/194320760605196>



April



SUN	MON	TUE	WED	THUR	FRI	SAT		
WEARABLE EASTER EGGS	Take slabs with colorful patterns and cut into egg shapes.		Polish and glue onto a backing.		Necklace, pin, ring, etc.			
2	3	4	5	6	7	8		
9	Board Meeting 7 PM 	10	11	12	General Meeting 7 PM 	13	14	15
16	17	Lapidary Shop	18	19	20	21	Lapidary Shop	22
23	24	25	26	27	28	29	30	

Lapidary Class Hours:.....Closed until further notice

Lapidary Shop Hours:.....3rd Tuesday..... 4:00 pm to 8:00 pm

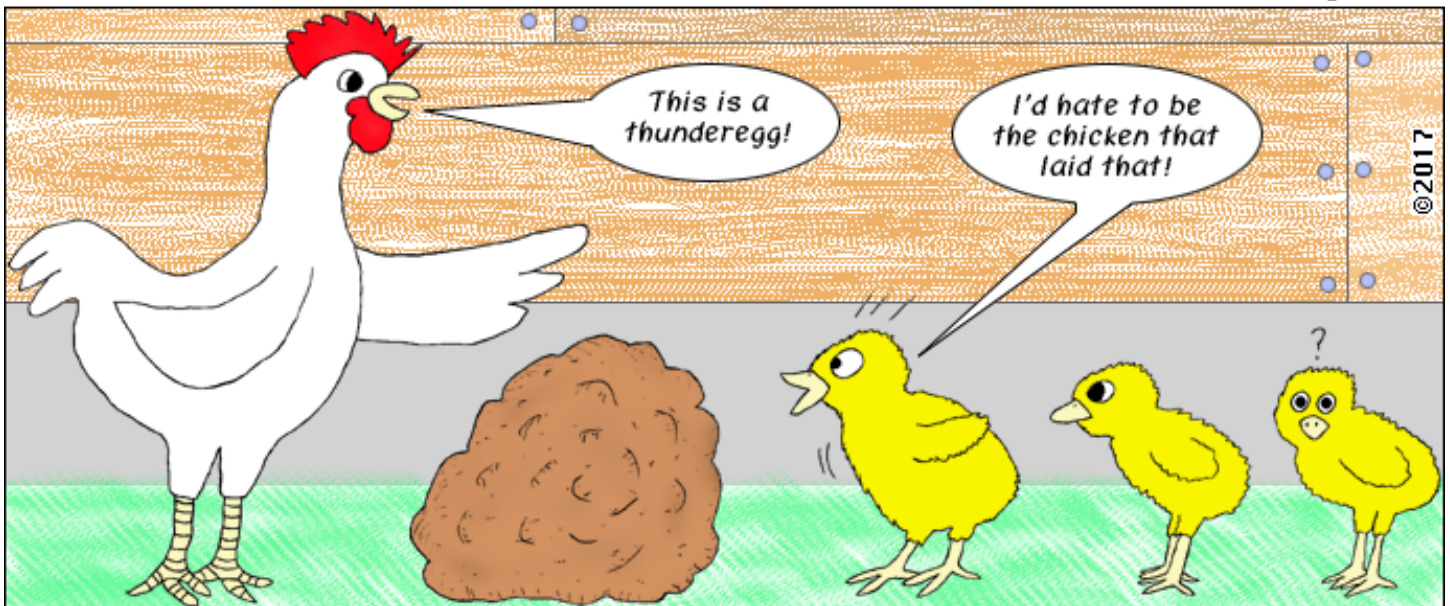
Lapidary Shop Hours:.....4th Saturday..... by appointment (call a few days ahead to set time)

CMS Board Meeting:.....Monday before the General Meeting.....7:00 pm to 8:00 pm

CMS General Meeting:.....2nd Thursday.....7:00 pm to 9:00 pm

Rock Rooster

by KAM



CMS Board Meeting Minutes March 6, 2017



by Pete Williams, 2017 Secretary

Members Attending

President Kat Koch

Treasurer Rich Russell

Mineral Council Jackie Pattie

Director Roger Pullen

Past President Bob Pattie

Vice President Diana Horsfall

Secretary Pete Williams

Federation Mike Blanton

Director Mark Hohn

Meeting called to order at 7:14

For the club show is 2018, a survey was sent out to 41 vendors to identify when they could attend. There were 12 responses with most favoring the 4th week in September. Next dates were the 3rd week in June and 3rd week in September. Three other potential venues were explored, but all were too pricey. The Green River CC is still the best value and will be requested to hold those 2 weekends for our show before a final selection is made. Mark attended an event there that had 50 vendors.

If we continue to pay for the current storage unit, the club may not have enough funds for the show next year. Part of our funds will come from selling surplus rocks and potentially equipment at the Puyallup club show in June. The equipment should first be offered to paid up club members. There are also some large rocks that could be sold at the June show.

It is critical that the club find a less expensive storage unit as soon as possible. Anyone that has approximately a 10x15 space that they are willing to rent to the club for about \$100 per month should contact Rich or any Board member. Mark and Mike will look into possibilities.

Dues reminders are not being emailed to everyone on the membership list. Also, the website has moved to a new host, dues can now be paid online, and credit cards can now be accepted at meetings and events.

There are some restrictions in the works on BLM lands to protect sage hens. None of the areas are in Washington state. Fifty Mineral Council maps were printed and all sold. More will be printed. The question was raised if the club should donate any material to the NFMS or AFMS upcoming shows. This will be revisited next month. The April club field trip will be on the 15th at Salmon Creek for carnelian.

Kat brought 2 suggestions to the Board. One is for a 50/50 raffle. This will be revisited when meeting attendance is higher. The second is to encourage more people to volunteer for events and activities by awarding tickets for participation. The Board accepted the suggestion to provide rock related awards quarterly to non-Board members.

The next meeting will be April 10 at Panera Bread in Kent.

Meeting adjourned at 8:47.

Young Richard's Almanac by Dick Morgan



As children are the future of our country it would seem prudent that they get all the help and support they need to be able to face the rigors moving us forward in an ever changing world.

Looking ahead to the 2017 Washington State Fair, Puyallup. It runs the entire month of September.

The Fair receives very few entries for it's Lapidary section. Therefore, they have notified us they are going to close down this category if entries do not pickup. We don't want this to happen! So plan on entering into the Fair a sample of your hobby or lapidary work. Show off your talents.

If you do anything with rocks, crystals, fossils, silversmithing, etc. there is a category for your work. No matter what you do with rocks and gems there is a category for your work. You do win prize money at every win level.

Online registration open May 2017. They have not posted the close date yet. The Fair is held for the entire month of September so entry forms probably have to be in by late July or early August.

Blood Lapis? by Jim Brace-Thompson

For those with a sensitive social conscience, "blood diamonds" became verboten many years ago. Also called "conflict diamonds," these are stones that were often mined by the equivalent of slave labor and sold into the market by warlords in Africa to support their nefarious causes. The international diamond trade came up with ways to supposedly identify and track diamonds mined from more legitimate sources to provide that bride-to-be with a certifiably "clean" diamond, and thus a clean conscience. Now, as reported June 7 by The Times of London, we have a whole new gemstone to create angst among those of us who are into lapidary arts. A corruption watchdog group called Global Witness reports that terrorist groups including the Taliban now earn as much as \$20 million a year by illegally mining and selling lapis lazuli from the mountains of Afghanistan. This is supposedly providing them with their second biggest source of income after drugs! As a result, there's now a move to classify lapis as a "conflict mineral." Just when you thought it was safe to cut-and-polish again.

from Rockhound Rambling, 7/16

CMS General Meeting Minutes March 9, 2017

by Pete Williams, 2017 Secretary

Meeting called to order at 7:14. One new member was in attendance.

Minutes were approved as written.

The program was our annual rock bingo night. There was good attendance and fun had by all. Next month's program will be about finding crystals in Washington with a guest speaker from the Mineral Council.

There were a few business items mentioned. We have new Mineral Council maps of Washington rockhounding sites on sale for \$10. There will be no March club field trip due to the weather. The April field trip will be to Salmon Creek for carnelian on April 15. Check the website for details.

For our 2018 club rock and gem show a survey was sent out to 42 vendors. They selected the last weekend in September as the preferred date. The Green River CC site is the top contender for where we will hold the show.

Volunteers are still needed to sit in our club's booth at the Gem Faire in Puyallup on March 31-April 2. If we do not have more volunteers, we will have to back out of the fair. Contact Kat if you have a few hours available on any of those days. It is a simple and fun thing to do.

Meeting adjourned at 8:42.

A Note From The President's Desk...

By Kat Koch, 2017 CMS President

Much fun was had by all at our "Rock Bingo" March meeting! We all had fun and went home with new additions.

The Board has passed a resolution to recognize a CMS member every 3 months for their volunteer work for our Club. Board members are NOT eligible for this award. At our April meeting we will recognize our first club member.

The speaker this month will be long time rockhounder Glenn Morita, of the Marysville Club. Glenn will be speaking on rock and crystal collecting in Washington. Glenn is the WA Mineral Council West Side Trustee and WA Mineral Council Newsletter Editor. He is driving to Kent from Marysville at a peak traffic time so let's all show him a big welcome and sign of appreciation by having good attendance for this meeting.

Our membership is slowly growing. I have been distributing our brochure at the Rock & Gem Shows in the area, business cards at a few rock related retail stores and brochures at the Gem Faire and Puyallup Fair courtesy booths. All of these events are all helping to let people know that our Club still exists. I want to thank everyone that helped out at the recent Gem Faire booth. It was much appreciated.

It's my goal this year to have a wire wrapping techniques class. As the weather improves I will try to find a place, day and time. It will most likely be on a Friday. There will be a sign up sheet at the meeting so that I will know how large a space we will need. I will also be printing up a class supply list.

You Might Be A Rock Hound If...

You color coordinate your clothes and shoes to match your gemstone pendants.

You've ever dumpster dived at a marble warehouse.

You like to examine the rocks in your driveway. (Well, who doesn't?)

from The Slate, 11/16

Alkali metals, such as lithium, sodium, potassium, and rubidium, are so reactive they will ignite and even explode if placed in water.

via Golden Spike News, 7/16; from Petrograph, 6/16

Only carbon, a nonmetal, has a higher melting point of all the elements.

via Golden Spike News, 7/16; from Petrograph, 6/16

In ancient times 7 metals were associated with 7 heavenly bodies: Gold - the Sun; Silver - the Moon; Quicksilver - Mercury; Copper - Venus; Iron - Mars; Tin - Jupiter; Lead - Saturn.



Rockhound Spotted at PLU Science Fair

Kapowsin Science Fair, March 9, 2017 by Keith Alan Morgan

Unfortunately the Kapowsin science fair was the same night as our club meeting, so we couldn't attend both, so if you were wondering where the Morgans were at the March meeting, we were trying to educate young minds about geology.

We got lost trying to find the school, so we were the last people to arrive and set-up, but even so we had kids come over and ask questions about the rocks being set out. It wasn't just kids talking to us, we also had parents and some grandparents asking questions. One grandmother, after seeing the interest her granddaughter had in the rocks told her daughter, "Now I know who to leave my rocks to."

Even as we were taking down the display, we had people asking questions about rocks and minerals. It was a very nice evening.



2017 STEM Fair, Pacific Lutheran University by Dick Morgan

Another set of STEM Fair presentations, one at Kapowsin Elementary and the other at the finals at PLU.

March 9, at the Bethel school district finals at Kapowsin we spent two hours explaining rocks, minerals, and the water cycle that allows all this action to happen.

March 25 at PLU. Again this year a student stopped by asking many questions about the display, said to us he would change his major to the earth sciences as it was so interesting. We set up a little before 9:00 AM and dismantled the display shortly after 3:00 PM.

The intensity of the participants with their projects is amazing but watching the parents checking that everything is setup properly and insuring that the presenters are looking their best makes you want to smile. Then as the judges ascend on the group it gets very quiet and looking apprehensive waiting their turn. Watching the Kindergarten Children explain to the judges is an experience as they gesture with their hands and get so exuberant (excited) in trying to convince the judge, one that they really did the work on the project while showing their knowledge of the subject.



Field Trips

The club or clubs sponsoring the field trips are shown in italics. When known I have listed a phone number and contact person for each sponsoring club below the listed trips. If you are not a member of the sponsoring club, you should phone and ask permission to go on their field trip.

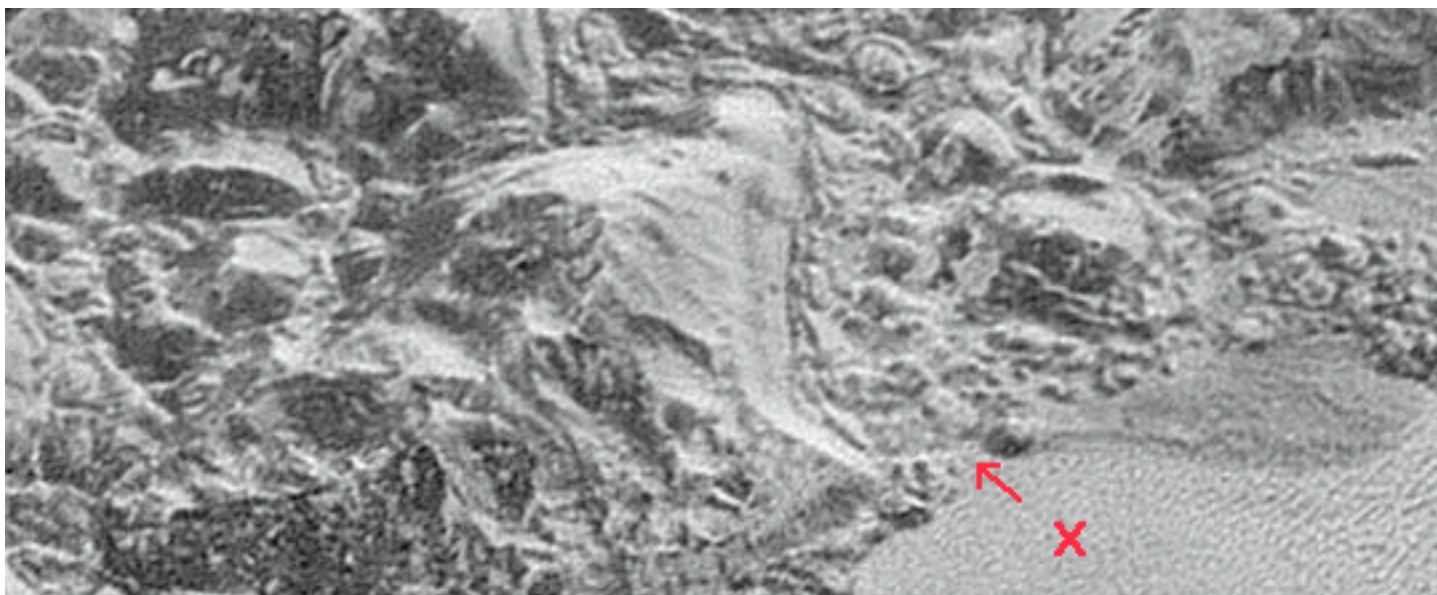
Some trips have fees to non club members, so they can be a day member, and be covered under club insurance. The usual fee is \$.50 a day.

Information from the Washington State Mineral Council webpage (<http://www.mineralcouncil.org>).

- April 15** *Cascade Mineralogical Society - Salmon Creek* - Meet at the Chevron Gas Station off of Highway 5, exit 59, to Toledo. Group will leave promptly at 10 am - Carnelian - Bring digging tools, bucket and boots as it will be wet. The trail can be wet and muddy depending on the weather. A walking stick can be of very helpful. Also you will be hunting at the edge or in the river for Carnelian. We do not on travel any closed, restricted or gated roads.
Tony Johnson (253) 863-9238
- April 15** *Darrington Rock Club - Racehorse Creek* - Meet at the IGA at Nugent's Corner before 9:00 am - Fossils & Morell mushrooms - Bring digging & hard rock tools
- April 22-23** *All Rockhounds Pow Wow - Saddle Mountain Mattawa* - Meet at the W Mattawa Lepricon Market 9:00 am
Petrified Wood - Bring digging & hard rock tools
Larry Vess vessel3755@gmail.com or (253)473-3908
- April 29** *Cascade Mineralogical Society - Saddle Mountain* - Meet at the Lepricon Market in Mattawa before 10 am. Group will leave promptly at 10 am - Petrified Wood - Bring digging & hard rock tools, buckets and sturdy shoes. Bring a jacket because if it's windy it can get chilly. This is a great time to visit Saddle Mtn. before the summer heat sets in. You will be rock hunting on the top of the mountain with awesome 360 degree view of the valleys below.
Tony Johnson (253) 863-9238

Pluto Field Trip by Nagrom Nala Htiak

Lirpa Sloof, founder of the Astronomical Prospecting & Rockhounding Interplanetary League, has announced the formation of the first rock trip to Pluto. "It's a brand new world of opportunity for rockhounds. We don't have to worry about all the good rock having been taken, because no rockhound has been there before. Heck, we haven't even had any probes scraping up rocks and soil. A virgin rock trip. Hopefully we'll be discovering rock sites for future rockhounds to visit. Sure there is always the possibility that we may find nothing of interest to rockhounds, or that some really great specimen has the misfortune to turn to a liquid or gas at room temperature, but we'll never know if we don't go." The trip will take 15 years to get to Pluto, two weeks to search, and 15 years to get back to Earth, so be sure you have enough vacation days at work saved up. Also temperatures on Pluto are around -391 degrees F, so bring a sweater.



Landing site (X) and search area. Photo by the New Horizons space probe.



Shows

April 7 - 9: Friday 9 am - 6 pm; Saturday 10 am - 6 pm; Sunday 10 am - 4 pm
Golden Spike Gem and Mineral Society, 66th Gemstone Junction

Golden Spike Event Center
Weber County Fairgrounds
1000 N 1200 W
Ogden, Utah

April 8 & 9: Saturday 10 am - 6 pm; Sunday 10 am - 5 pm
SE Idaho Gems & Mineral Society (SEIGMS), Annual Rock and Gem Show

Bannock County Fairgrounds
10588 Fairground Dr.
Pocatello Idaho

April 8 & 9: Saturday 9 am - 6 pm; Sunday 10 am - 6 pm
Maplewood Rock and Gem Club, April Sale

Maplewood Rock and Gem Clubhouse
8802 196th ST SW
Edmonds WA

April 22 & 23: Saturday 10 am - 6 pm; Sunday 10 am - 4 pm
Yakima Rock & Mineral Club, Rockin' Your World

Central Washington State Fair Ground
Modern Living Building
1301 South Fair Avenue
Yakima, WA

April 22 & 23: Saturday 10 am - 5 pm; Sunday 10 am - 4 pm
Lakeside Gem & Mineral Club, Annual Rock & Mineral Show

Benton Franklin County Fairgrounds
1500 S. Oak
Kennewick, WA

April 22 & 23: Saturday 10 am - 6 pm; Sunday 10 am - 5 pm
Idaho Falls Gem & Mineral Society, 53rd Annual Show

Idaho Falls Recreation Center
B Street
Idaho Falls, Idaho

April 28 - 30: Friday & Saturday 10 am - 5 pm; Sunday 10 am - 4 pm
Mt. Hood Rock Club, 60th Annual Rock and Gem Show

W.P. Jackson Armory
6255 NE Cornfoot Road
Portland Oregon

April 29 & 30: Saturday & Sunday 10 am - 5 pm
West Seattle Rock Club, 50th Annual Rock Show

Alki Masonic Temple
4736 40th Ave. SW.
Seattle, WA

April 29 & 30: Saturday 10 am - 5 pm; Sunday 10 am - 4 pm
Grays Harbor Geology and Gem Society, 49th Annual Earth Treasures Rock Show

Grays Harbor Fair Grounds
43 Elma-McCleary Road
Elma, WA

