

The CMS Tumbler

March
2016

This publication is an official bulletin of the Cascade Mineralogical Society Inc. (CMS).
(Previously known as the Boeing Employees' Mineralogical Society (BEMS))

Next Meeting:
March 10, 2016
7:00 p.m.

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

No Program, Show & Tell,
or Raffle, instead we'll
have Rock Bingo.
40-50 slabs as prizes.

Club Field Trip:
Old Slope, Greenwater, March 26

This month remember
to wish a
Happy Birthday to
Shirley Stewart on March 6
Jacqueline Pattie on March 31
and also remember
to wish a
Happy Anniversary to
John & Brenda Haworth
on March 28 (52 years)



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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.

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

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Email preferred.
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2016 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 in person or by telephone at (425) 271 -8757 or by computer at mblanton41@hotmail.com

To get information to the Tumbler via the Internet send it to greenrockdraggin@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>

March

Sun	Mon	Tue	Wed	Thur	Fri	Sat
		1	2	3	4	5
6	7 Board Meeting 7 pm	8	9	10 General Meeting 7 pm	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26 Greenwater Trip
27	28	29	30	31		

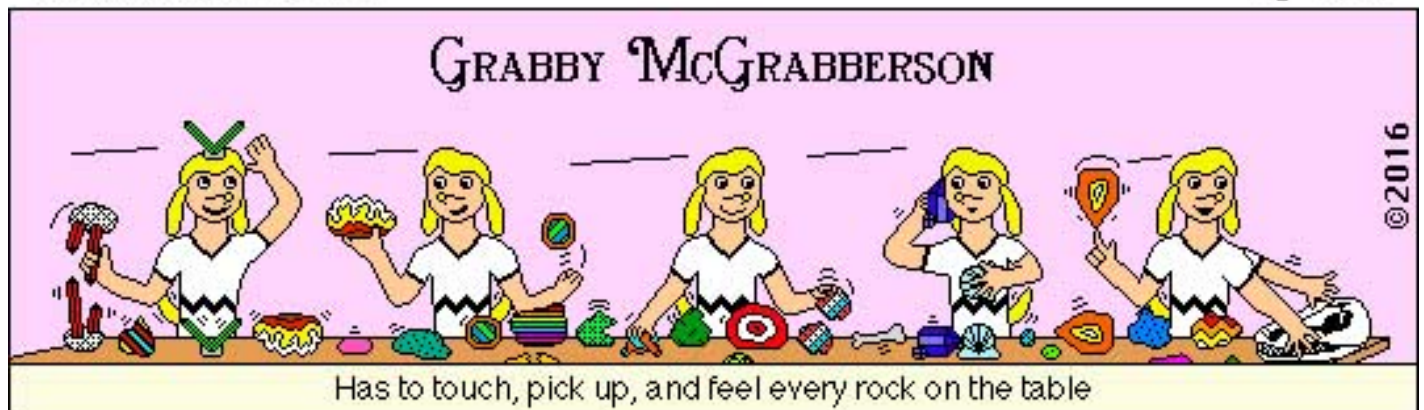
Lapidary Shop Hours:.....3rd Tuesday..... 10:30 am to 4:00 pm
 Lapidary Shop Hours:.....4th Saturday..... 11:00 am to 5:00 pm

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

Field Trip information on Page 7
 Show information on Page 8

Pebble Pup Profiles

by KAM



The Tumbler has received One-Time Rights to publish this cartoon

CMS Board Meeting Minutes February 8, 2016

by Pete Williams, 2016 Secretary

*Members Attending**President Kat Koch**Mineral Council Jackie Pattie**Director Roger Pullen**Past President Bob Pattie**Secretary Pete Williams**Federation Mike Blanton**Director Mark Hohn*

Meeting called to order at 7:05

The club field trip this month led by Tony Johnson possibly will be to Salmon Creek. Kat is looking into being on the West Seattle show committee to learn how they organize a show. Kat received confirmation from West Seattle, AFMS, Puyallup, and Lacey shows that we can provide a display case. One of the club cases will be on Western WA collecting sites. Kat is looking for people to lend material from currently open sites to be included in the case.

Mark Hohn was appointed to the open director position. Mark has experience with designing web sites and would be open to helping re-design the clubs along with improving the meta tags for searchers to more easily locate our club on-line.

For the March meeting Kat is exploring having rock bingo as the program. The club would provide the slabs for prizes. This is a very popular activity at other clubs. Another potential club program would be getting a geologist from Green River Community College to make a presentation.

The board discussed that the club is now 67 years old and could use a historian to identify each of the presidents over that period of time. Mark Hohn will be the greeter at the next general meeting.

The next meeting will be March 7 at Panera Bread in Kent.

Meeting adjourned at 8:05.

Young Richard's Almanac by Dick Morgan*Wedding Toast*

As the diamond is forever and a marriage can last a lifetime if you never go to bed mad at each other and always remember why you selected each other.

STEM Fair by Dick Morgan

On February 20th I loaded up my tool box full of rocks and mineral specimens, and headed to the Sumner Middle School to give a demonstration for the students and parents which were presenting their projects at the STEM Fair. We have been doing this for several years, so that as students and parents change, many of the teachers and administrators are familiar.

The questions from students and parents are quite similar from year to year, just that I have learned to answer them in simple terms to aid the understanding of the student, but the parents and teachers also like that as it is easier to remember if the children need to reinforce the specimens information.

As usual it was an enjoyable experience for all involved.

On March 19th we are scheduled to give a presentation at PLU for the STEM Fair finals.

Grinding Wheel Safety Tip by Evan Day, GSGMS Vice President

When polishing silver projects on buffing wheels, I use the smallest diameter wheel possible. Why? Because the surface velocity of a 3-inch wheel is one-half as fast as on a six-incher. So WHEN (not IF) the cloth grabs the piece and flings it across the room, it goes a shorter distance and hits with much less impact. Yes, it takes a little longer to polish your item, but can save a lot of damage! Plus if it hits you in the face, (you do wear safety goggles don't you????!!) it doesn't hurt nearly as bad.

from Golden Spike News, 1/16

Carlos Castillo found a way to simplify the task of inlays. He uses a piece of a Styrofoam cup to fit into the inlay spot, pulls it out and he then has a pattern for the inlay.

from MGSCV Petrograph, 2/16

Gold is the only metal that doesn't rust, even if it's buried in the ground for thousands of years.

from Rockhound Ramblings, 2/16

CMS General Meeting Minutes February 11, 2016

by Pete Williams, 2016 Secretary

Meeting called to order at 7:12. Minutes approved as written.

Tumbler Editor and Webmaster's Report: Keith was able to retrieve the old blank from his old computer. This resulted in a better look to the Tumbler with more graphics.

Treasurer's Report: Rich is still accepting dues for 2016. CMS paid our dues to the organizations we belong to.

Shop Reports: The tarp roof needs to be reinforced as some of the club rocks are getting wet.

Field Trip Report: The March club field trip led by Tony will be to Salmon Creek. Meeting will be at the Toledo exit at the Shell station and will leave at 9:00. The March field trip will be to Greenwater on March 26.

Federation Report: The mid-year show will be in April in Kennewick. There is still time to make a donation to the AFMS raffle. Mike will have tickets for sale next month.

Mineral Council: The field trips on the web page are the most current. There were changes to the phone numbers. One of the officers passed away fairly suddenly due to cancer. The site maps are in the process of being updated and will include GPS coordinates.

Health & Welfare: A card was re-sent to Virginia Bird due to the passing of Bob Bird.

Old Business: Mark Hohn was appointed to the open director position. Kat has arranged for the club to have 1 display case at the Lacey, West Seattle, and 2 at the Federation show in July. One of the cases will be rocks from Western Washington sites and the other will be about the history of petrified wood being the state rock. The club is still waiting to hear from the Kitsap show. Our club will also be able to share a booth with the Puyallup club at the fair in September.

New Business: We have heard that the Opal club has disbanded. At next month's meeting the program will be rock bingo with slabs as prizes. Members can bring their kids and their friends. The Tukwila school district is looking for someone to do a demonstration on rocks. Bob Pattie volunteered.

Program: The program was a video on pink rocks from South Dakota and Amazonite and smoky quartz from Arizona.

Meeting Adjourned: 8:05 followed by the raffle.

Displays:

Roger Pullen – Spruce Ridge & Timber Wolf.

Jim Cerenzie – Various mineral specimens from western Washington.

Mike Blanton – Faceted quartz.

Kat Koch – Various crystal samples.

Dick Morgan – Quartz crystals & plates

Tony Johnson – Coprolites & carnelian from Salmon Creek.

Next month's meeting is "Rock Bingo". Bingo prizes will be 40-50 slabs donated by the Club. No program, raffle drawing or Show 'n Tell.

CMS members, guests, friends, teenagers and children are welcome. The Kent school district has no school the day following our meeting so any children attending won't have to worry about school the next day. Remember all minors must be accompanied by an adult.

Cleaning Chalcedony Roses

First, put about 5 pounds of roses in a pan, cover with water, place in the oven and bring to a boil. Set this aside and let soak for a week.

Second, wash the roses with clean water and a stiff bristle brush.

Third, if you haven't already – move outdoors! Using an acid-resistant pan, put one quart muriatic acid in the pan. Place the roses in the acid and then remove as soon as the acid stops bubbling. Put the remaining acid in a container for storage.

Fourth, wash the roses in baking soda water, then with clear water.

Fifth, add one pound oxalic acid to two gallons of water, and soak the roses for a week. If left too long, the roses will take on a pink cast.

Sixth, neutralize with baking soda, water, rinse, and then brush the roses again.

Safety tips include wearing protective rubber aprons, rubber gloves and eye protection when working with acid. Always add acid to water – never the reverse, and be careful not to breathe any of the obnoxious fumes given off when acid is mixed with water. Work in a well-ventilated place. Also, use wooden tongs.

via Rockhound Ramblings, 12/15; via The Delvers Delvings, 10/15; from the Santa Ana Rock and Mineral Club, 12/81

A Note from the President's Desk . . .

by Kat Koch, 2016 President

I would like to express a special "Thank You" to Mark Hohn (a fairly new member) for volunteering to fill the vacant Board position of Director. He will be handling Membership and will be greeting everyone as they arrive at the monthly General Meeting.

Our field trip for March is to the Old Slope, in Green Water. Details in this newsletter or on our website. Remember Club members, friends, relatives and kids are all welcome on these trips. Children MUST be accompanied by an adult.

At our March meeting we are going to try something new. We are going to play "Rock Bingo". The Club will be donating 40-50 slabs as Bingo prizes. I have checked with the Kent School District and they have no school the day after our meeting. So our young members don't have to worry about staying up late and having school the next day. So encourage any young people you know to come and join the fun.

There will be no Program, Raffle or Show 'n Tell at the March meeting.

I am looking for a volunteer to be Club Historian. This past January CMS had it's 67th birthday and the Club has been without a Historian for a few years. Therefore, CMS needs someone to bring it up to date and keep it current. Any volunteers out there? People with varied types of interest could fill this spot: enjoys photography, or scrapbooking, or writing or just has an interest in our Club not losing a record of it's history. There are records scattered throughout the Club members so you don't have to start from scratch. Just consolidate in a single place. If you are tech savvy it can be kept/recorded on a CD, if you are not, then a scrapbook or file cabinet is just fine. If you are interested in this position please send me an email or call me.

Our website is in the process of being updated. So in the near future we will be unveiling an all new look. Stay tuned.

Kat Koch, CMS President

Safety Matters— Car Talk by Ellery Borow, EFMLS Safety Chair

This "Car Talk" article is not about the Public Broadcasting Corporation radio program on car repair. It is also not about listening to talk radio or carrying on a conversation with a passenger while you drive along the highway.

This article is instead about cars that talk. It used to be that driving distracted was all about talking on the cell phone while one was behind the wheel while tooling down the highway- and indeed that is still big news and a cause for concern while driving. But wait, there's more! More in this cases when cars start talking to us.

Do you remember when a car would say "your door is ajar" when a car door was not fully closed? While that was distracting they are even more distracting now. Modern cars can read our emails to us, offer driving directions, offer a backup camera, monitor how close we are to a car parked beside us, offer radar assisted driving and braking and so on. These are all wonderful and very much safety oriented features. They also qualify as distractions as they take vital portions of our precious attention to the many tasks of driving- obeying traffic signs, watching for hidden ped-x-crossings, looking for the child chasing an errant ball across the road, checking for weaving traffic and so on.

Driving requires our undivided attention! Distracting features can sometimes be turned off, or at least monitored when in a safe location such as the new texting rest stops popping up here and there. Distractions that can not be turned off can be monitored by a passenger if you have one with you.

Ours is a traveling hobby- traveling to field trips and to and from meetings or shows, special club programs, workshops, and the like. With all those miles, and all those distracted drivers, we need as few extra distractions as possible to be safe.

Please mind the dictation potential of all those handy talking car devices. While they can enhance the safety of our travels, they should be used with care. Be safe, drive safe.

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>).

March 19 *Marysville Rock Club - Cherry Creek* - 9:00 @ Duvall Safeway – Jasper – Bring digging & hard rock tools

Ed Lehman—wsmced@hotmail.com (425) 334-6282 (425) 760-2786

March 26 *Cascade Mineralogical Society - Old Slope, Greenwater* - Meet at Enumclaw Ranger Station on Highway 410. Ranger Station, 450 Roosevelt Ave E, Enumclaw, WA 98022. East of where WA-164 & WA-410 meet. We will leave the Ranger Station promptly at 9am.

Tony Johnson - (253) 863-9238

This field trip is open to everyone: CMS members, guests, friends, other clubs, teenagers and children. Remember all minors must be accompanied by an adult.

Safe Rockhounding

Here's the most basic fact of rockhounding: ROCKHOUNDING IS INHERENTLY RISKY. We work with heavy, pointed hammers, pry bars, chisels, sledgehammers and big heavy rocks in generally secluded areas where the earth is broken. Here are some do's and don'ts to keep you safe and healthy:

1. Never enter a pit or hole alone. Unstable ceilings or walls, poisonous insects or snakes, bat guano (causes a nasty respiratory disease) can ruin your whole year.

2. Never roll boulders or toss large rocks in a pit if you can help it. It's very dangerous to anyone collecting below you.

3. Always keep an eye on any walls you may be digging in, step back and note "how it's hanging" and if there's any overhang. If so GET OUT and alert your partners and the landowner or person in charge.

4. Try not to leave lots of holes, it's dangerous to your fellow rockhounds as well as wildlife.

5. Don't try to excavate specimens that are too big to carry. A pulled muscle or heat exhaustion kills the buzz that rockhounding gives you.

6. Make sure your tools and other equipment are in good repair and are free of defects.

7. Use the right tool for the right job. You can destroy a beautiful specimen or fill your face with crystalline shrapnel by using a rock hammer where a chisel or screwdriver would suffice.

8. Make sure you feed heavily and regularly. Low blood sugar can injure or kill, no joke! Many senseless accidents could have been prevented with a PBJ. You're using lots of calories, so stop counting and EAT.

9. Drink lots of water, gatorade or juice during the course of the day. It's easy to remember when the weather is hot, but you can become dehydrated in cooler temps also.

10. Don't drink alcohol or use drugs before or during your expedition. Save the celebrating for after the dig, when the work is done. Also illegal drugs are, well, illegal and causing the area to be shut to collectors due to violating the law is very bad form.

11. Smokey the Bear says: ONLY YOU CAN PREVENT FOREST FIRES. If you smoke, please make sure your ash and cherry is extinguished when you're finished

via The Golden Frog, 12/15; from North Georgia Rocks, Gem, and Mineral Club website

Shows

March 4 & 5: Friday 8:30 – 6; Saturday 9 - 5

Panorama Gem and Mineral Club

Stevens County Fairgrounds
Columbia Avenue
Colville, WA

March 5 & 6: Saturday 10 – 6; Sunday 10 - 5

East KingCo Rock Club

Pickering Barn
1730 - 10th Avenue NW
Issaquah, WA

March 12 & 13: Saturday 9 – 5; Sunday 10 - 4

Rock and Arrowhead Club

Klamath Co. Fairgrounds
3531 South 6th Street
Klamath Falls, Oregon

March 19 & 20: 10 - 5

North Seattle Lapidary & Mineral Club, 62nd Annual Rock and Gem Show

Lake City Community Center
12531 28th Ave. NE
Seattle, WA

March 25 – 27: Friday & Saturday 10 am – 6 pm; Sunday 10 - 4

Rock Rollers Club of Spokane

Spokane County Fair & Expo Ctr
N., 604 Havana & Broadway
Spokane, WA

March 26 & 27: Saturday 10 – 6; Sunday 10 - 5

Mt. Baker Rock and Gem Club, 54th Annual Rock and Gem Show

Bloedel Donovan Comm. Cntr.
2214 Electric Avenue
Bellingham, WA

March 26 & 27; Saturday 10 – 6; Sunday 10 - 5

Sweet Home Rock and Mineral Society, 68th Annual Rock & Mineral Show

Sweet Home High School Gym
1641 Long Street
Sweet Home, Oregon

Internet Addresses

Official U.S. Geological Survey earthquake alerts. (M5.5 or higher)

<https://twitter.com/USGSBigQuakes>

Schoolyard Geology Tracks

<http://education.usgs.gov/lessons/schoolyard/dinosaurtracks.html>

What To Do When A Snake Bites You On A Trail

<http://www.flotography.com/what-to-do-when-a-snake-bites-you-on-a-remote-trail/>

Geology Jokes

<http://www.jokes4us.com/miscellaneousjokes/schooljokes/geologyjokes.html>