

The CMS Tumbler

**August
2017**

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

Club Picnic: August 6, 2017
Set-up 11:00 am
Eating 12:00 noon

Lake Wilderness Arboretum
22520 SE 248th St
Maple Valley, WA

Bring a pot luck dish as well as plates,
cups & silverware.

The picnic takes the place of our regular meeting.

There will be a rock auction.
(Pictures of some of the
rocks are on pages 6 & 7.)

This month remember
to wish a
Happy Birthday to
Robert Wahlberg on August 23
Paul Stewart on August 27
and also remember
to wish a
Happy Anniversary to
Bill & Jody Flores on August 4



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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

CMS Club Address
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Keith Alan Morgan, Editor

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

2017 Elected Officers

Title	Name
President	Kat Koch
Vice President	Diana Horsfall
Treasurer	Richard Russell
Secretary	Pete Williams
Director	Roger Pullen
Director	Mark Hohn
Past President	Bob Pattie

2017 Committee Chairs

Title	Name	Phone	E-mail
Cascade Show	Vacant		
Club Historian	Vacant		
Donations	Kat Koch		
Federation Representative #1	Michael Blanton		
Federation Representative #2	Kat Koch		
Field Trip Guide	Tony Johnson		
Health & Welfare	Bev Williams		
Library	Bob Pattie		
Membership	Mark Hohn		
Mineral Council	Bob Pattie		
Newsletter - Tumbler Editor	Keith Alan Morgan		
Open Shop Instructors	Bob Pattie		
Public Relations	Kat Koch		
Raffle	Stanley Loreen		
Refreshment	Jacquie Pattie		
Shop Operations	Bob Pattie		
Show & Tell Meeting Setup	Mike Blanton		
Webmaster	Mark Hohn		

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)

You can pay your dues via credit card!! We now accept all cards through 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>

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>**

August

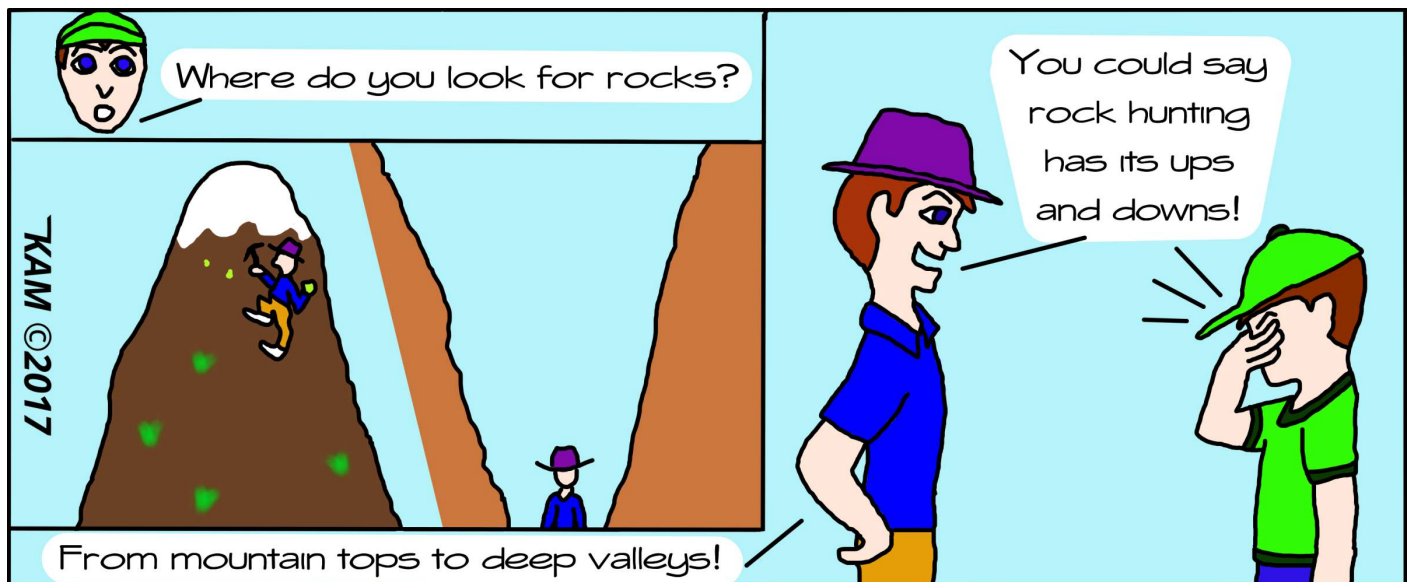
Sun	Mon	Tue	Wed	Thur	Fri	Sat
Food, Friends, Flowers and		1	2	3	4	5
	6	7	8	9	10	11
Club Picnic						12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	a Rock Auction at the Picnic!	

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:.....No meeting this month

CMS Club Picnic:.....Sunday, August 6.....Setup 11:00 am, Eating 12:00 Noon



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

CMS Board Meeting July 3, 2017

by Diana Horsfall

Meeting was started at 7:00

Present for the meeting, Kat Koch, Mike Blanton, Mark Hohn, Roger Pullen, Rich Russell, Bob Pattie and Diana Horsfall.

Rich gave a treasurer's report, he will try and get equipment ready to put on Craig's list in August. We still need to move out of the storage unit and we discussed options to make this happen.

August 6th is the picnic at the Arboretum in Maple Valley, set up at 11:00, sit and eat at 12:00. We will get 4 buckets of rocks, rock slab's and rocks for the auction. We will try and get pictures of the auction items to Keith and Mark sometime next week.

Mineral Council is working on the Grizzly release and Greenwater road closures.

Federation has published the minutes from the meeting, mostly it talks about monuments.

Program this month is Tree Stories Video, show and tell is petrified wood from other places other than Washington.

The field trip this week is the backside of Red Top Mountain for agates. Tony is leading the trip and will give details at the next meeting.

A discussion was held on should be have a show and the proposed budget for the show.

A motion was made on the following all passed 7 yea and 0 nay.

It was agreed that we should have a show September 2018.

It was agreed that we rent the Lobby area for the show.

It was agreed we couldn't meet the requirements for the Campus Concession Stand of \$1,000 per day.

It was agreed we look for a catering truck to cover the event.

Mark has volunteered to be the show chairperson and will be looking for volunteers to help at the show, Kat Koch will assist Mark. We reviewed the building layout and it was suggested we contact Carolyn Mackey to see if she would be willing to help with the table layout. It was also suggested that Mark talk with Bob Wahlberg as to how he did the contracts for the south sound show and can give him some insight on what is needed. It was also suggested that we contact Char Jorgensen and take an inventory on what she is storing.

Mark is going to make an announcement at the General Meeting on Thursday and ask for volunteers for various positions. He will then setup Committee Show meeting discussed having a weekend committee luncheon meeting. We no longer need tumbled rocks for the Puyallup show. Finish up tumbling any rocks you have received for the Fair. We will give them back to the Puyallup Club for the Fair. There after we will use any tumbled rocks for out show in September 2018. Keep tumbling.

We discussed needing to find quality items for the silent auction for our show. It was our experience at the recent Puyallup show that tells us we need to cut the big rocks into slabs as they were selling better. The discussion was brought up that we could get members to come to the shop and cut slabs. We are having Bob check on the oil he has and decide if we need to get more for this project.

Mark has tables to replace the weathered tables the rock saws are currently sitting on so there needs to be a work party to move things around.

Meeting was adjourned.

Washington State Fair - Puyallup - Online Registration Is Open Now!

The online application is on this page. <http://www.thefair.com/participate/exhibit-entries>

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 cabochons, intarsia, fossils, gem display, crystal display, 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. There are 4 prize levels and you win anywhere from \$100 to \$5.

Online registration is open now! Time to get 'er done!

Online registration closes August 16 (Wednesday). You will find the "Entry Form" under Participate, then Competitive Exhibits.

Deliver your entries to the Fair August 18 (Friday) through August 20 (Sunday). Check website for times. Lapidary Arts is Division 231 – You will need to lookup the appropriate Class from the handbook. The handbook is online under "Hobby Hall" then scroll down below the calendar.

Young Richard's Almanac by Dick Morgan

. We have to teach our young people that the earth is not here to give them a living but is a place for them to use their abilities to build a better life while improving the earth also. Good Luck to our future generations.

CMS General Meeting July 6, 2017

by Keith Morgan

Meeting was called to order at 7:00 pm.

Minutes were approved as written in the Tumbler.

Bob Pattie led the meeting as Kat's daughter had been in the hospital and she needed to stay with her.

The editor lost his old birthday and anniversary list and has to make up a new one. So if you want your birthday and/or anniversary listed in the Tumbler, send the editor the information.

Volunteer of the Quarter was given to Jackie Pattie.

The shop has set-up some Saturday's for classes.

You can sign up for an email notification of upcoming club trips at the website.

Mineral Council: Bob notified the club of studies that can affect rockhounding, such as the North Cascades Ecosystem Grizzly Bear Restoration Plan/Environmental Impact Statement (<https://www.fs.usda.gov/project/?project=50937>) and the Upper White and Greenwater Watershed Analysis (<https://www.fs.usda.gov/project/?project=51969>).

Old Business: The club picnic is August 6 at Lake Wilderness Arboretum. Set-Up will be at 11 am and eating will be at Noon.

The Cascade Mineralogical Society Gem and Mineral Show will be September 28-30, 2018 (yes, next year), at the Greenriver Community College. Volunteers are needed.

Treasurer's Report: Bills are being paid.

Program was two videos, Planet Earth, which was pictures of various places around the world, and a video about the Chinese city of Shanxi which was carved into a mountainside.

Meeting was adjourned at 8:15 pm.

Displays:

Scott Thomasson – Petrified wood.

Mike Blanton – Mineral specimens from a yard sale.

Angie Bayer – Petrified wood from Utah, Arizona, and Washington.

Leonard Bahr – Cotton cloth for cleaning facets or other rocks.

Rich Morgan – Various types of petrified wood from Utah, Saddle Mountain, Washington, the Oregon coast and Wyoming.

Bob Pattie – Display from third graders from the Honeydew school, and auction material for the picnic.

Sunday August 6th – Annual Club Picnic (General Meeting)

Our August meeting is our annual Club picnic and auction. It is on Sunday, August 6th at the Lake Wilderness Arboretum. It's the first driveway left of the park/lake/lodge.

<http://dev.lakewildernessarboretum.org/visit/directions/>

It is a beautiful spot to enjoy the sunny afternoon, a great potluck, the rock auction (take home great specimen's at fantastic prices), socializing and the gardens. Guests and children are always welcome!

As usual we are going to have nice rocks and specimen's up for auction at great prices!

After the picnic you can always go swimming at Lake Wilderness. They have a nice beach and plenty of parking or a very short walk from our picnic area. The beach area also has great shade areas among the trees while you watch the kids play in the water. There is also a jungle-gym area past the beach for the younger children. A nice paved walkway to reach every thing or can drive over the areas and park closer.

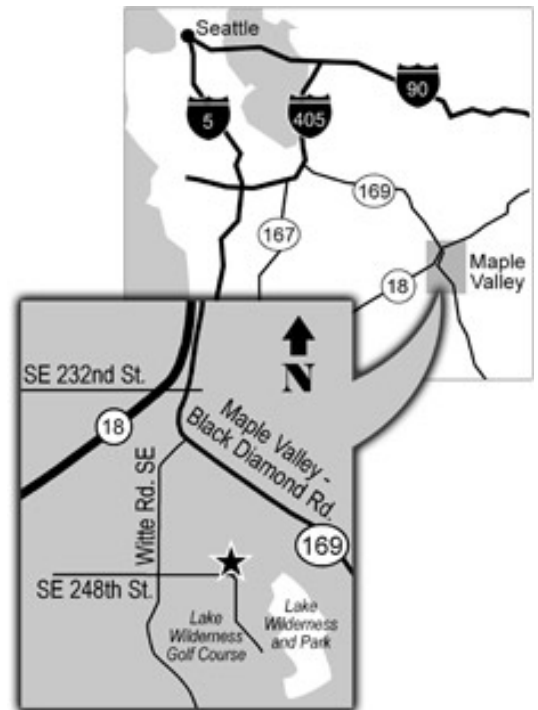
Additional Picnic Notes

Bring a favorite pot luck item, and, if it needs it, a serving utensil. (Don't forget to mark your stuff in case it gets mixed up, or left behind, so it can be returned to you.)

Bring plates, silverware & cups for yourself.

Bring money in case there's something you want at the auction.

Have fun!



A Note from the President's Desk...

by Kat Koch. 2017 CMS President

Those of you that attended our July General Meeting you already know the Cascade Rock & Gem Show is officially off the ground. The venue has been reserved for September 28 - 30, 2018.

Mark Hohn is the Show Chairman and he is looking to fill many show positions.

I have tried to emphasize that the show has to be an entire Club effort. So seriously decide where you want to help out and let Mark know.

We will start having Show Committee meetings in order to get things under way. We have a lot of ground to cover in 13 1/2 months.

The Puyallup Fair is coming up soon and there will be a sign-up sheet at the picnic. So look at your calendars and find out where you can volunteer at our Fair booth. The fair runs from September 1-24 and is closed Sept 6th and all Tuesdays. Please plan on helping out. It's a lot of fun giving out rocks to the kids. They always leave with such huge smiles of their faces.

Thank you in advance to everyone that steps up to volunteer for the Fair booth and helping with our Show.

Items For The Club Auction

Pictures by Bob Pattie



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.

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

August 5

Marysville Rock Club - **Lake Wenatchee** - Meet at the Old Lake Wenatchee Ranger Station before 9:00 am - Garnets, Talc & Actinolite - Bring digging tools & 1/4" screen
Ed Lehman wsmced@hotmail.com (425) 334-6282 or (425) 760-2786

August 26 & 27

Northwest Opal Association - **Greenwater** - Meet at the Enumclaw Ranger Station before 9:00 am (group leaves promptly at 9) - Agate, Jasper, Opal, & Petrified Wood - Bring gloves, sturdy shoes, drinking water, digging & lite hard rock tools
Tony Johnson— (253) 863-9238



Shows

August 4 - 6: Friday & Saturday 10 pm — 5 pm; Sunday 10 am — 4 pm
Far West Lapidary & Gem Society, 55th Annual Gem and Mineral Show
North Bend Community Center
2222 N. Broadway
North Bend, Oregon

August 11 - 13: Friday & Saturday 10 am — 8 pm; Sunday 10 am — 6 pm
Port Townsend Rock Club, Annual Rock, Gem, & Mineral Show in conjunction with the Jefferson County Fair
Jefferson County Fairgrounds
4907 Landers Street
Port Townsend, WA

August 12 & 13: Saturday 9 am — 5 pm; Sunday 10 am — 5 pm
Maplewood Rock and Gem Club, 11th Annual Rock and Mineral Sale
Maplewood Rock and Gem Clubhouse
8802 196th ST SW
Edmonds, WA

How to Polish A Selenite Sphere by Terry Vasseur

I received an E-mail from a lady, sinatrasdoll. She was in distress. She had wiped her recent purchased 6 inch selenite sphere with a wet cloth to get the dust off and it left a cloudy haze over the surface.

Selenite is gypsum, $\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$, hydrous calcium sulfate. On the Mohs hardness, selenite is 1.5 - 2, one of the softest minerals! You can scratch it with your finger nail and gypsum dissolves over time in water.

Actually, a gypsum (selenite) sphere like the one in the picture on the upper right, that has a silky, fibrous, and translucent (pearly, milky) appearance; also has an originally referred to name, from a variety of Calcite found in "Cumberland, England" named satin spar. The fibers in satin spar exhibits chatoyancy (a cat's eye effect) that makes it very collectable. The fibers also makes the gypsum mineral slightly harder than ordinary gypsum.

I couldn't recall ever polishing a selenite sphere so I looked on the Internet to find a recipe. Buff it on a Muslin (a soft cotton wheel) with Zam (a wax containing chrome oxide, for soft buffing minerals); buff lightly. I found a piece of selenite to practice with. You certainly don't want to experiment on someone's precious piece and make it worse. The soft muslin didn't seem to work very well on a new surface but a slightly more aggressive yellow-treated buffing wheel did the job. You want to go easily on selenite to prevent over heating the surface and pulling out fibers leaving a moon pocked surface.

There will be some tiny broken fibers on the faces that are perpendicular to the fibers and there is nothing you can do about that. Just don't make it worse.

After buffing the sphere with Zam and the yellow-treated wheel with no further change in the polish, I decided to give the soft muslin another try. To my surprise, it did add a slightly better polished sheen.

from Agatizer, 5/16

Internet Addresses

USGS Kids Activities Page
<https://education.usgs.gov/kids/index.html>

<https://www.newdinosaurs.com>

Forest Service Projects
<https://www.fs.usda.gov/projects/mbs/landmanagement/projects>