

The CMS Tumbler

July
2022

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

Club Picnic:
July 16, 2021
11:00 am - Set-up
12:00 noon - Eating

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

The Picnic takes the place of the
July General Meeting.

Bring a favorite meal for pot luck.
Bring plates, utensils, and cups.

Last issue the wrong date for the
picnic was given. July 16 is the
correct date. Sorry for any confusion.

Table of Contents

Calendar.....	3
Cartoon.....	3
Board Minutes.....	5
General Minutes.....	5
From the Top of the Rock Pile.....	5
Show Volunteer Sheets.....	7
June Field Trip Report.....	11
Strange Things.....	12
Petroglyphs.....	13
Display Case Clean Up.....	14
Young Richard's Almanac.....	14
Member Obituary.....	14
Field Trips.....	15
Shows.....	16

Connect with us!

Website: <https://www.cascademineralsociety.org>
Club Facebook: <https://www.facebook.com/CasMinSoc/>
Facebook Groups: <https://www.facebook.com/groups/1168207926650075>
Show Facebook: <https://www.facebook.com/cascadegemandmineralshow>
Instagram: <https://www.instagram.com/cascaderockclub/>
YouTube Channel (Please like and subscribe):
https://www.youtube.com/channel/UCaGIJxaWFatV_JjgZRm9ESA



This month remember
to wish a

Happy Birthday to
Michael Godwin on July 1
Mike Blanton on July 2
Mary Patndge on July 4
Richard Russell on July 5
Christina Vitellaro on July 5
Virginia Bird on July 18

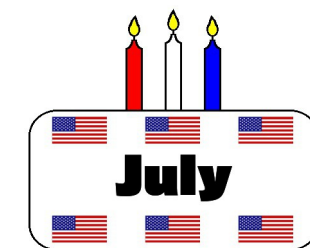


Robert Waddell on July 20
Maple Tree Lapidary on July 24
DaKota Vincent on July 25
Alice Pearson on July 30
Roger Pullen on July 30
Caleb Ting on July 30
Lauren Walker on July 30
Brian Oliver on July 31



and also remember
to wish a

Happy Anniversary to
Brandon Harper & Jennifer Gust on July 27 (16 years)



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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.

New Club Mailing Address:
Cascade Mineralogical Soc.
c/o 25838 W. Lake Wilderness Dr. SE
Maple Valley, WA 98038

Keith Alan Morgan, Editor
3802 W Tapps Dr. E
Lake Tapps, WA 98391

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

2022 Elected Officers

President Kat Koch	425-765-5408	president@cascademineralogicalsociety.org
Vice President Linda Jorza	206-478-1642	ljorza@gmail.com
Treasurer Charles Benedict	425-306-0456	charlesbenedict@comcast.net
Secretary Pete Williams	425-228-5063	petewill02@gmail.com
Director 1 – At Large Kathy Hartzell	253-277-0329	k.hartzell@yahoo.com
(Shared Position) Garry Hartzell	253-277-0329	santacruz1@yahoo.com
Director 2 - Field Trips Roger Danneman	425-228-8781	roger.danneman@gmail.com
Director 3 – Programs Paul Ahnberg	941-704-2063	runhikebird@icloud.com
Director 4- At Large Richard Russell	253-736-3693	richru1@yahoo.com
Past President Malcolm Wheeler Sr.	253-569-5185	facetguru@aol.com
Show Chairman Kat Koch	425-765-5408	president@cascademineralogicalsociety.org
Federation Representative Michael Blanton	425-271-8757	mblanton41@hotmail.com
Federation Representative Kat Koch	425-765-5408	president@cascademineralogicalsociety.org
Mineral Council Diana Horsfall	425-226-3154	dianahorsfall@comcast.net
Mineral Council Jacquie Pattie	425-226-3154	dianahorsfall@comcast.net

2022 Show Committee Chairs

Cascade Show Chairman Kat Koch	425-765-5408	president@cascademineralogicalsociety.org
Show Treasurer Pete Williams	425-228-5063	petewill02@gmail.com
Show Silent Auction Michael Blanton	425-271-8757	mblanton41@hotmail.com
Pre-Show Raffle Case & Donation Requests Zach Pratt	253-600-8520	zachpratt25@gmail.com
Show Raffle Case Display Terri Gerard	206-437-0240	eyeballgraphics2002@yahoo.com
Raffle Prize Distribution Need Volunteer		
Show Demonstrators Richard Russell	253-736-3693	richru1@yahoo.com
Show Load In/Out Zach Pratt	253-600-8520	zachpratt25@gmail.com
Show Display Case Presenters Garry & Kathy Hartzell	253-277-0329	k.hartzell@yahoo.com ; santacruz1@yahoo.com
Show Road Signs		
Show Event Volunteer Recruit Kat Koch	425-765-5408	president@cascademineralogicalsociety.org
Show Refreshments for Vendors & Volunteers		
Spinning Wheel Angie & Brian Bayer	253-569-0245	Text to her number (no email)

2022 Committee Chairs

Club Historian		
Donations Kat Koch	425-765-5408	president@cascademineralogicalsociety.org
Field Trip Roger Danneman	425-228-8781	Roger.Danneman@gmail.com
Health & Welfare Bev Williams	425-228-5063	britbev1957@outlook.com
Library Diana Horsfall	425-226-3154	dianahorsfall@comcast.net
Meeting Greeters Angie & Brian Bayer	253-569-0245	Text to her number (no email)
Meeting Programs Paul Ahnberg	941-704-2063	runhikebird@icloud.com
Membership Charles Benedict	425-306-0456	charlesbenedict@comcast.net
Newsletter - Tumbler Editor Keith Alan Morgan	253-316-9935	greenrockdraggin@yahoo.com
Shop Instructors (Temp) Roger Danneman	425-228-8781	roger.danneman@gmail.com
Shop Reservations Diana Horsfall	425-226-3154	dianahorsfall@comcast.net
Public Relations Kat Koch	425-765-5408	president@cascademineralogicalsociety.org
Refreshment Angie & Brian Bayer	253-569-0245	Text to her number (no email)
Raffle Master Roger Pullen	206-387-3214	Phone calls only. No email or texting.
Show & Tell Michael Blanton	425-271-8757	mblanton41@hotmail.com
Webmaster Gina Manso	425-281-3502	ginamanso51@gmail.com
Facebook Groups Gina Manso	425-281-3502	ginamanso51@gmail.com
Instagram Gina Manso	425-281-3502	ginamanso51@gmail.com
All Other Social Media Kat Koch	425-765-5408	president@cascademineralogicalsociety.org
West Seattle Timebank Volunteers Linda Jorza	206-478-1642	ljorza@gmail.com

2022 CMS Dues are \$25 per year per family

Pay online, by mail, or at our meetings.

New Mailing Address: Cascade Mineralogical Soc., c/o 25838 W. Lake Wilderness Dr. SE, Maple Valley, WA 98038

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 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 the word "Tumbler" and subject in the Subject Line. The deadline is the 20th of each month.

July

Sun	Mon	Tue	Wed	Thur	Fri	Sat
The Club Picnic takes the place of the July Meeting!					1	2
3	4	5	6	7	8	9
10	11 Board Meeting 7:00 pm	12	13	14	15	16 Club Picnic 12 noon
17 Greenwater Trip	18	19	20	21	22 Tenino Show	23 Tenino Show
24 Tenino Show	25	26	27	28	29	30
31						

CMS Show Committee Meeting:.....Monday, July 11.....6:30 pm to 7:00 pm

CMS Board Meeting:.....Monday, July 11.....7:00 pm to 8:00 pm

CMS Picnic:.....Saturday, July 16.....11:00 am set-up, 12:00 noon eating

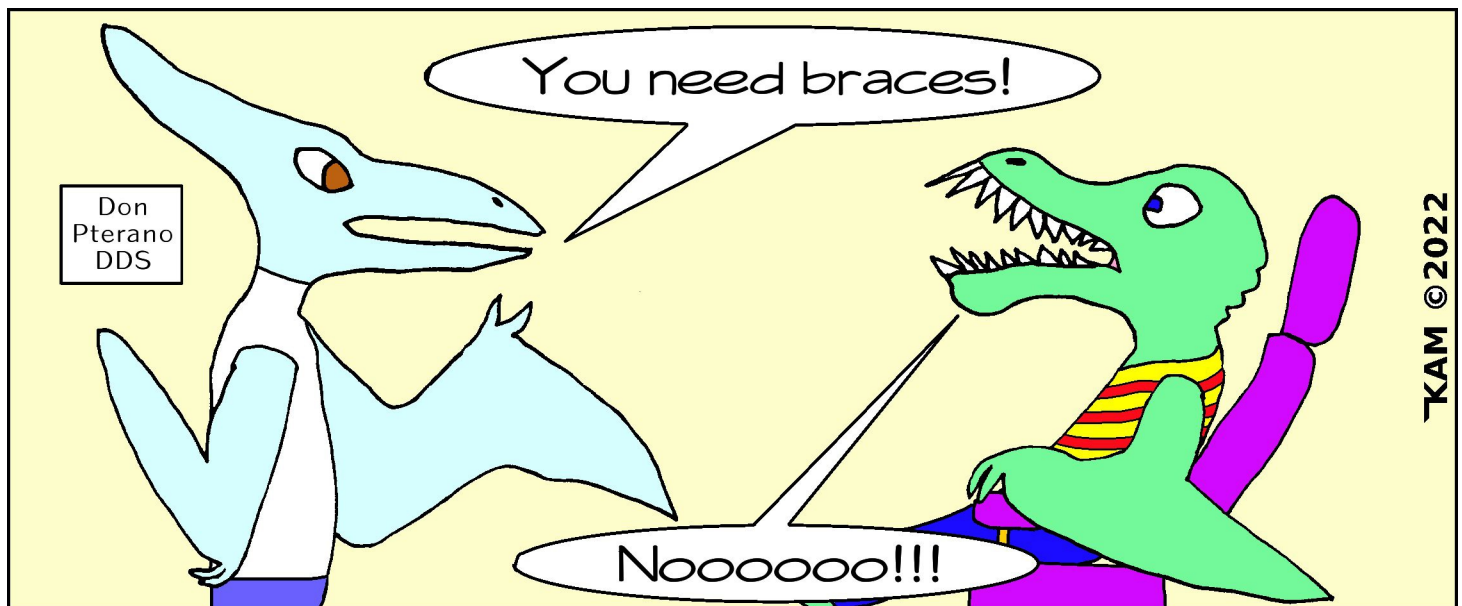
Lapidary Class Hours:.....By appointment, call to set a time & day for your lesson (425) 226-3154

Lapidary Shop Hours:.....Most Tuesdays..... 2:00 pm to 5:00 p, call ahead (425) 226-3154

Lapidary Shop Hours:.....3rd Saturday..... by appointment only (call a few days ahead to set time)

More Field Trip info can be found on Page 15

More Show info can be found on Page 16



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

Our Club is a Member of these Federations and Associations

AFMS: The AFMS governs our Northwest Federation. <http://amfed.org/index.html>

The bulletins are published quarterly. You can find the news bulletins at <http://amfed.org/news/default.htm>



NFMS: The Northwest Federation is our home federation. To keep up on the goings-on in our own backyard. <http://northwestfederation.org/>

The link for the news bulletins is <http://northwestfederation.org/Newsletters.asp>



ALAA: The American Lands Access Association, Inc. represents the rockhounding interests of 325 gem & mineral clubs/societies in 47 States and the District of Columbia.

The association's purpose is to promote and ensure the rights of amateur fossil and mineral collecting, recreational prospecting, and mining. The use of public and private lands for educational and recreational purposes. They also carry the voice of all amateur collectors and hobbyists to our elected officials, government regulators, and public land managers. <http://amlands.org>

The front page also has a lot of current news, rockhounding restrictions or lack of, etc. <http://amlands.org>

ALAA also publishes a quarterly newsletter. To keep up on the news and lobby efforts on our behalf, check out <http://amlands.org/>



Washington State Mineral Council: The Washington State Mineral Council is dedicated to the location and conservation of rock and mineral sites of interest to the rockhounds of Washington state. <https://mineralcouncil.wordpress.com/>

You can find local rock and gems shows and planned field trips. It's a great resource if you want to plan on an outing.

Also check out "Misc. News" for all the latest updates on collecting sites around Washington.

<https://mineralcouncil.wordpress.com/news-updates/>

When the weather is good, they have regular monthly field trips. So take advantage of these great outdoor rockhounding adventures! The field trip details are under "Field Trips" on the left side of the site. Check out the link for additional information for the time and place to meet and the field trip leader.

You can find all this information and a whole lot more about what is happening in our state at

<https://mineralcouncil.wordpress.com/>



Rockhounding 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 or rules governing collecting on public 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 material in collecting areas.

I will cause no willful damage to property of any kind such as fences, signs, buildings, 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 material - 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 willful damage to collecting material and will take home only what I can reasonably use.

I will practice conservation and undertake to utilize fully and well the materials I have collected and will recycle my surplus for the pleasure and benefit of others.

I will support the rockhound project H.E.L.P. (Help Eliminate Litter Please) and will leave all collecting areas devoid of litter, regardless of how found.

I will cooperate with field-trip leaders and those in designated authority in all collecting areas.

I will report to my club or federation officers, Bureau of Land Management or other authorities, any deposit of petrified wood or other materials on public lands which should be protected for the enjoyment of future generations for public educational and scientific purposes.

I will appreciate and protect our heritage of natural resources.

I will observe the "Golden Rule", will use Good Outdoor Manners and will at all times conduct myself in a manner which will add to the stature and Public Image of Rockhounds everywhere.

from the AFMS website

People so often talk about killing time but never about killing money. Perhaps we are more respectful of money than we are of time. - Anonymous

from Breccia, 6/22

CMS Board Meeting Minutes June 6, 2022

by Pete Williams, 2022 Secretary

Attendees: President – Kat Koch; Vice President – Linda Jorza; Secretary – Pete Williams; Directors – Roger Daneman; Rich Russell; Paul Ahnberg; Kathy and Gary Hertz; Federation – Mike Blanton; Mineral Council – Diana Horsefall; Zach Pratt

Show Committee meeting called to order: 6:34

There are only 2 booths left to sell. They should be sold soon. Some 8500 flyers have been distributed. Gina has almost 500 followers on Instagram. A golf cart or some other vehicle is needed to transport people from the parking lot to the gym. Anyone with this type of vehicle should contact Kat. A food vendor is still needed for the show.

Kat broke out the tasks to be accomplished into more detail. Some tasks have already been assigned to committee members. The task list will be sent to the Committee in an email and will be available at the General Meeting and July picnic for members to volunteer. Linda is going to look at the Auburn time bank for volunteers.

Board Meeting called to order at 7:04

The Show Chair and Treasurer resigned for personal reasons. The show activities have been broken down into smaller tasks for people to volunteer for. The club needs a treasurer. The June meeting will be the history of the Green River by Zach Pratt. The picnic will be on July 16 at the Lake Wilderness Arboretum. The August meeting will be a show update followed by Jim Cerenzie discussing his You Tube channel, Vug Meister.

Meeting adjourned at 7:34

CMS General Meeting Minutes June 9, 2022

by Pete Williams, 2022 Secretary

Kat reminded everyone that the NFMS collects postage stamps, sells them in bulk, and uses the proceeds to donate to cancer research. Just cut out any stamps you receive in the mail and save them until the next NFMS meeting.

Our Show Chair and Treasurer have resigned for personal reasons. All the tasks necessary to have the show have been detailed and laid out on a sign-up sheet. Members or family/friends are asked to volunteer for whatever they can do. The sign-up sheet will also be in the next Tumbler and at the picnic. All booths for the show have been sold out as well as the membership co-op booth. The club needs someone to volunteer to be Treasurer also.

The July meeting will be replaced by the picnic and auction at the Lake Wilderness Arboretum. The August meeting program will be final show preparations and Jim Cerenzie's presentation on his You Tube channel. The field trip this month is to Little Naches.

Program: Zach Pratt made a presentation on the History of the Green River.

Meeting Adjourned: 8:14 followed by show and tell and the raffle.

From the Top of the Rock Pile... by Kat Koch

Our Cascade Gem & Mineral Show is coming up. We will be about 6 weeks from show time when you read this! We desperately need volunteers. Elsewhere in this issue is a list of the tasks we need help with. Please seriously look over the list and volunteer where you can.

Many of you have contacted me asking what happened to the YouTube LiveStream of our June meeting. Well, we have discovered that there isn't a strong and reliable internet connection at the American Legion Hall. We also tried using a hot spot on our cellphone, but there isn't a cellphone signal. The American Legion Hall sits in a gully or bowl and hasn't any cellphone service.

The meeting will still be recorded but won't be available, at the latest, until the Sunday night following the meeting. Don't forget to "Like" and "Subscribe"!

A reminder, there is no general meeting on July 14th. We have our annual club picnic instead on **Saturday, July 16th, at the Lake Wilderness Arboretum**. The Arboretum provides picnic tables for us, and there is plenty of free parking.

It is a potluck, and the setup starts at 11 am. Lunch is at noon. Our club auction will follow lunch. Please bring a main dish, side dish, salad, fresh rolls and butter, dessert or drinks. It is all up to you. We generally have around 30 people. Also, bring your own plate and silverware.

It would be greatly appreciated if you would like to donate something to the auction. All funds raised from these club auctions go into the treasury to cover expenses. Since expenses are always going up, the auction proceeds help keep our dues low.

Remember, you are always welcome to bring guests to our meetings, picnics, or field trips.

We continue to get many new members every month. So if you are a new member, please be sure to come up and introduce yourself at our meeting. That way, I can tie your name to your face.

I hope to see all of you at the picnic.



Welcome
New Members

Annual Picnic – July 16th – Saturday

Annual Potluck Picnic in the Park & Auction

A reminder, there is no general meeting on July 14th. We have our annual club picnic instead on **Saturday, July 16th, at the Lake Wilderness Arboretum**.

Please note we have changed our annual picnic from a Sunday to a Saturday to accommodate our members that attend religious services.

Our potluck picnic is at the Lake Wilderness Arboretum, Maple Valley. It is on Saturday, July 9th; setup time is 11 am, and lunch is at noon.

The Arboretum provides a beautiful shaded spot on the lawn, picnic tables, and free parking. Please bring a potluck dish or other food item, your table settings, and plates. We generally have around 30 members attending.

Also, it would be much appreciated if you would like to donate something to the auction. All funds raised from the auction help cover the club costs and keep our dues low.

Following lunch and having enjoyed some "rock talk," we will hold our annual summer club auction. It is an excellent opportunity to pick up some great bargains. Our Young Tumblers can also spend their "Rock Bucks" they have collected throughout the year.

The Arboretum is next to Lake Wilderness Beach. So you can take the family swimming afterward.



General Meeting – August 11th – Thursday @ 7 pm

Topic: Our Cascade Gem and Mineral Show will be in 1 week. Kat Koch, Show Chairman, will speak on the plans for the show. It will also be the last call for volunteers.

Then Jim Cerenzie and his son Adian will tell us about their rockhounding adventures and their YouTube channel Vug Meister.

Show 'n Tell: Something you found rockhounding.



Looking For Volunteers

Cascade Gem & Mineral Show. We desperately need volunteers for the show on August 18th, 19th, 20th, and 21st. You can find a detailed list in this issue of the Tumbler. Please read it over and select a task to volunteer to handle.

The club has a courtesy booth at the Maple Valley Arboretum PlantSale on Saturday, September 10th. It just requires handing out club information and telling them about our club. There will be some yard rock for sale, but all you need to do is write a sales ticket. The Arboretum handles all cash and credit cards. Time slot- need 2 people: Saturday 9:45 am to 2:00 pm.

Need at our general meetings: A volunteer to take pictures (with your cellphone is fine) during the Show 'n Tell portion. Then write a short article on Show 'n Tell with photos for our Tumbler each month. If you are hesitant about your writing abilities, Kat would be more than happy to proofread your article before submitting it to Keith, our Tumbler editor. The publication deadline is the 18th of each month. Need one member or a couple.

If you can help out, contact Kat at president@cascademineralsociety.org, or you can go to the contact page on our website and send a message.



NFMS Needs Your Canceled Postage Stamps

Every year the NFMS collects postage stamps from its member clubs. They have a stamp company that buys them, and in turn, these funds are donated to cancer research. Every year NFMS donates around \$6,000.

On letters that you receive, tear the corner with the stamp off. Be careful not to damage the stamp. Place the stamps in a plastic baggie and bring them to the meeting. Our member, Mike Blanton, collects the stamps and turns them over to the NFMS at the regional rock and gem show. You can give them to Mike as often as you want throughout the year.

Collecting the stamps is another way we rockhounds give back to our community.





Our Gem Show Is Fast Approaching And It's All Club Members On Deck!

We need 30 to 35 of our club members to volunteer to help produce the show. I have filled many positions, but we need more members to volunteer besides board members and the regular members that always step in when needed.

I can not stress enough or emphasize the importance of having members step up and volunteer to help. So please look over the list below and volunteer!

The goal or reason the club produces a show each year is so the club can afford an indoor lapidary shop. All profits from the show go to two places. First, to provide two grants (\$250 ea.) to a geology or earth science student at Green River College. Second, the balance of the profits goes into our savings account for an indoor lapidary shop. A gem show is the only way our club can raise significant money to achieve our goal.

Please look over the areas that still need volunteers. I have broken the tasks into smaller time commitments, so there are no chairmen or heads of any committees. You are asked to volunteer for a specific job or time slot listed below. If you plan to be at the show on a particular day and time, you will find a section at the end of the list where you can enter your name and availability. Then as we near August 15th, you will be assigned a task.

Please select a task and then email me what it is that you would like to volunteer for:

Kat Koch president@cascademineralogicalsociety.org

Or you can use the contact link on our website www.cascademineralogicalsociety.org

Gem Show Volunteer Sheet

Show Chairman – Kat Koch

Help Needed Before And After The Show

Gem Show Signs: 2 helpers to put them out on Thursday, August 18th and take them down around 3 pm, Sunday, August 21st:

1. _____ 2. _____

Wash rocks for the silent auction at Angie & Brian's home in Kent. Arrange day and time with Angie and Brian.

1. _____ 2. _____ 3. _____

After the Show Raffle Prizes – Distribute prizes to the winners not in attendance: _____

Outdoor Night Security: Friday and Saturday from 6 pm to 8 am:

1. _____ 2. _____

Thursday, August 18th, To Mark Off The Booth Spaces

Pre-show Setup: 3 pm to 5 pm (College to confirm time)

Answer Questions When Needed on marking booth spaces: ___ Kat Koch _____

Mark off booth locations. Each team needs a 25 ft tape measure and a roll of blue painter's tape. 3 teams of 2 people ea.

Team #1 _____

Team #2 _____

Team #3 _____

Help Needed on Friday, August 19th, To Set Up The Show

Answer Questions Only on Table and Chair Set Up: 8 am to 11 am (The college is doing all the physical set up of tables and chairs. 1. _____ 2. _____

Vendor Load In and Out At the Gym - 1 pm to 6 pm: **Zach Pratt**

Vendor Load In and Out Outside Driveway on Walkie-Talkie - 1 pm to 6 pm: _____

Vendor Load In and Out Outside in Parking Lot on Walkie-Talkie - 1 pm to 6 pm: _____

Person to be at each Load In Door to Direct Vendor to Their Booth – Need 3 people - Noon to 6 pm:

1. _____ 2. _____ 3. _____

Help Vendors Load In - 1 pm to 6 pm:

1. _____ 2. _____
3. _____ 4. _____

Sound & Electrical – On Set Up on Friday (8 am to 6 pm) & Saturday (8 am to 10 am) - work with the college custodian to make sure everything is working: _____

Front Entrance – Set Up the Entry Table. Make sure we have basket for kids' rocks, brochures and door prizes tickets are there - Can do anytime Friday from 8 am to 6 pm: _____

Help Needed During Show on Saturday and Sunday

Door Prize Case – Set Up Friday 1 pm to 6 pm and Saturday 8 am to 10 am: _____

Person to collect donations for raffle & door prize cases from the vendors. Set Up Friday 1 pm to 6 pm and Saturday 8 am to 10 am: _____

Person to be at each Load In Door to Direct Vendor to Their Booth – Need 3 people – 8 am to 10 am:

1. _____ **Sue Fox** _____ 2. _____ 3. _____

Help Vendors Load In - 8 am to 10 am:

1. _____ 2. _____
3. _____ 4. _____

Shuttle Rides – *between parking lot and show entrance. Must drive own car, golf cart, etc. The show will reimburse the gas expense. Must submit a receipt or written request to Show Treasurer.*

Saturday

9:30 am to 12:15 pm – 1. _____ 2. _____

12:15 pm to 2:30 pm - 1. _____ 2. _____

2:30 pm to 4:15 pm - 1. _____ 2. _____

4:15 pm to 6:30 pm - 1. _____ 2. _____

Sunday

9:30 am to 12:15 pm - 1. _____ 2. _____

12:15 pm to 2:30 pm - 1. _____ 2. _____

2:30 pm to 4:30 pm - 1. _____ 2. _____

Attend Entrance Handout Door Prize Tickets, Show Brochures & Give Kids Polished Rock

Saturday

9:30 am to noon - 1. _____ 2. _____

Noon to 3 pm - 1. _____ 2. _____

3 pm to 6 pm - 1. _____ 2. _____

Sunday

9:30 am to 1:30 pm - 1. _____ 2. _____

1:30 pm to 4 pm - 1. _____ 2. _____

Silent Auction Chairman: Mike Blanton

Set Auction Tables Up: Kat Koch

Friday Set Up - Load rocks in & pricing 11 am to 3 pm: 1. _____ 2. _____

Saturday – Help Attend to the Auction Tables:

9:45 am to noon - 1. _____ 2. _____ 3. _____
 noon to 2 pm - 1. _____ 2. _____ 3. _____
 2 pm to 4 pm - 1. _____ 2. _____ 3. _____
 4 pm to 6:15 pm - 1. _____ 2. _____ 3. _____

Sunday – Help Man Auction Tables:

9:45 am to noon - 1. _____ 2. _____ 3. _____
 noon to 2 pm - 1. _____ 2. _____ 3. _____
 2 pm to 4 pm - 1. _____ 2. _____ 3. _____
 4 pm to 6 pm – Clean Up Helper 1. _____ 2. _____ 3. _____

Sales at Co-Op Members' Table:

Friday Set Up: 1 pm to 6 pm Each sets up their items for sale

Saturday – Help Man Co-Op Booth:

9:45 am to 11:30 am - 1. _____ 2. _____
 11:30 am - 1 pm - 1. _____ 2. _____
 1 pm to 2:30 pm - 1. _____ 2. _____
 2:30 pm to 4 pm - 1. _____ 2. _____
 4 pm to 6 pm - 1. _____ 2. _____

Sunday – Help Man Co-Op Booth:

9:45 am to 11:30 am - 1. _____ 2. _____
 11:30 am to 1 pm - 1. _____ 2. _____
 1 pm to 2:30 pm - 1. _____ 2. _____
 2:30 pm to 4 pm - 1. _____ 2. _____
 4 pm to 6 pm - Each tear down their unsold items

Cashiers – Membership, Raffle Ticket Sales, Silent Auction and Members Booth Sales:

Saturday - Cashiers

9:30 am to 11:40 am - Membership & Raffle Tickets 1. Sue Fox 2. _____

Auction _____ Member Booth Sales _____

11:40 am to 1:50 pm - Membership & Raffle Tickets 1. Linda Jorza 2. _____

Auction _____ Member Booth Sales _____

1:50 pm to 4 pm - Membership & Raffle Tickets 1. _____ 2. _____

Auction Larry Smith Member Booth Sales Randi Smith

4 pm to 6:15 pm - Membership & Raffle Tickets 1. _____ 2. _____

Auction _____ Member Booth Sales _____

Sunday - Cashiers

9:30 am to 11:40 am - Membership & Raffle Tickets 1. _____ 2. _____

Auction _____ Member Booth Sales _____

11:40 am to 1:50 pm - Membership & Raffle Tickets 1. _____ 2. _____

Auction _____ Member Booth Sales _____

1:50 pm to 4 pm - Membership & Raffle Tickets 1. ____ Linda Jorza ____ 2. ____

Auction ____ Larry Smith ____ Member Booth Sales ____ Randi Smith ____

Tear Down and Clean Up – Need 6 volunteers to Pack Up all club stuff, collect trash, and sweep the facility.

Help Vendors Load Out too. To also Double Check the Area that the gym is clean and in order before we leave and shut the doors. **We do not need to take down tables or chairs:**

Sunday 4 pm to 6 pm

1. ____ 2. ____ 3. ____
4. ____ 5. ____ 6. ____

Volunteers That Will Be At The Show Friday, Saturday or Sunday To Help Where Needed

Please enter your name, time, and day you will be at the show to help.

Name	Thursday 3 pm to 5 pm	Friday Time 8 am to 6 pm	Saturday Time 8 am to 6 pm	Sunday Time 8 am to 6 pm
____ Paul Athnberg ____	____	____	____ 8:30 am to 6 pm ____	____ 9:45 am to 4 pm ____
____ Peggy Shashy ____	____	____	____ 8:30 am to 6 pm ____	____ 9:45 am to 4 pm ____
____ Zach Pratt ____	____	____ 10 am to 6 pm ____	____ 8 am to 6 pm ____	____ 9:45 am to 6 pm ____
____ Angie Bayer ____	____	____ 3 pm – 6 pm ____	____ 8 am to 6 pm ____	____ 9:45 am to 6 pm ____
____ Brian Bayer ____	____	____	____ 8 am to 6 pm ____	____ 9:45 am to 6 pm ____
____ Pete Williams ____	____	____ 10 am to 4 pm ____	____ 9 am to 6 pm ____	____ 1 pm to 6 pm ____
____ Sue Fox ____	____	____	____ 8 am to 6 pm ____	____ 10 am to 4 pm ____
____	____	____	____	____
____	____	____	____	____
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June Field Trip Report by Roger Danneman, Field Trip Guide

For our June field trip (Sat. June 11th) we went over the mountains to Little Naches for thundereggs, lily pad, and leaf fossils. We got lucky in that Chinook Pass opened up on June 10th saving us from the longer drive around. Plus we had beautiful weather, partly sunny skies with temps in the low to mid 60s. Heavy rains hit the area on Thursday and Friday. The ground was soft for digging, but sticky on our boots. 23 people, 1 dog, and 12 vehicles made the trip. So much fun. We spent about 3 hours at the thunder egg site. Then went on to the lily pad site which yielded some quick treasures. Spent about 1 ½ hours there. Then went to the fossil site where we picked up some freshly eroded leaf fossils. On the way back I stopped for a few scenery pics. It turned out to be a 12 hour day for me, but really enjoyed the group that turned out.

List of attendees: Peggy S. and Paul A. with guest Kalun, Loren M., Robert M. and family, Noelle B., Kelly B. and guest Clair, Kamera M. and her sweet dog, Nik B., Megan guest from Tri-cities with 3 boys, Brooke P. and brother Bryce, Erica D. and Chris, new member Ananda C. and of course me.

Next trip scheduled is to Greenwater on July 17th for agate, jasper, and common opal. This is on a Sunday because the CMS Summer Picnic is on Saturday July 16, which includes an auction of club material.

(More pictures on
The next page.)





Strange Things That Happened In Washington That Make You Go.... Hmmm?

by Kat Koch - Cascade Mineralogical Society, Kent, WA

Did it really rain jellyfish?

Oakville, Washington: Population 723

You may have heard the story of an odd occurrence in Oakville, Washington, when a few strange rainfalls resulted in some mysterious blobs falling from the sky.

On August 7, 1994, at 3:00 am, in Oakville, Washington at 3 am, rain began to fall, blanketing a twenty-square-mile area. Though that is common there, residents began to note that it was not water but a strange, gelatinous substance they had never seen before. Over three weeks, it fell a total of six times. When it first began, Officer David Lacey was on patrol with a civilian friend. Unfortunately, when he turned his windshield wipers on, they smeared it against the windshield instead of washing it off. The obscured windshield forced him to pull into a gas station to try and clean it manually after donning a pair of latex gloves for safety. He described it as being "very mushy, almost like if you had jello in your hand."

The blobs have been proven not to be airplane waste. By law, airplane waste must be colored blue, and you cannot dispose of it in flight.

Some people got sick, required hospitalization, and killed several pets. One theory is that flying jellyfish were involved.

An author named Charles Fort, who investigates all things odd, speculated that a species of nearly transparent jellyfish were floating in the upper atmosphere. Over the years, pilots have seen objects in the sky resembling jellyfish, and people have found dead birds with marks that look like jellyfish stings.

Washington had a real-life "Men in Black" incident.

The 1947 Maury Island Incident is one of the lesser-known UFO occurrences in our state.

On June 21, 1947, around 2 pm Harold Dahl and his son reported seeing six objects shaped like donuts floating 2,000 feet above his patrol boat. One appeared distressed and spewed chunks of debris that rained on Dahl's boat, killing his dog and injuring his son. He took his boat to shore and captured several photos of the objects.

Harold reported the incident to his boss, Fred Crisman, who returned to Maury Island to gather rock samples. While collecting the rocks,



he said one of the airships came back as if it was watching him. The next day, Harold was taken to breakfast by a man in a black suit who said terrible things would happen if he told anyone about the story.

Army Air Corp Intelligence Officers, Capt. William L. Davidson and 1st Lt. Frank M. Brown, that investigated the sighting, died. They lost their lives when the B-25 Bomber they were piloting crashed outside of Kelso, Washington, on August 1, 1947, before they could complete their investigation.

The FBI warned Dahl and Crisman that their hoax had not succeeded and that if they dropped the matter, the government would not prosecute the two men for the fraud, which had resulted in the deaths of the two officers. At first, Dahl and Crisman went along. They made statements that the story was fake and refused to give interviews on the matter. But a few years later, in the January 1950 issue of Fate magazine, Crisman stated that the incident had happened.

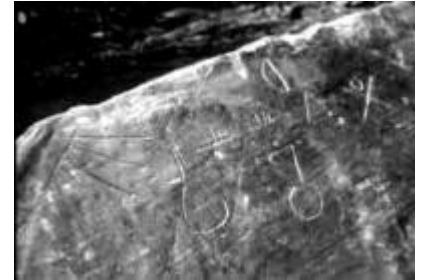
Mystery Rock

In 1988, a 13-year-old boy, Trevor Johnson, and his friend Jamie found a bizarre rock in the woods in Northern Washington close to the Canadian border. The stone was covered in cryptic, alien-like drawings.

Trevor took it home and showed his parents. Soon after, the Johnson family experienced a sudden stroke of good luck. They became very wealthy and credited the "mystery rock."

Archaeologists studying the markings have determined they were not made by American Indians or aliens but are believed to date to the twentieth century at its earliest.

Bibliography: Unsolved Mysteries, The Chronicle – Centralia, Only in Your State, Wikipedia, WA State Senate Resolution 8648, dated April 18, 2017, acknowledging the 70th anniversary of the incident, History Link, Weird U.S. - Washington



Have You Ever Really Thought About Petroglyphs? by Kat Koch

I was reading an article on petroglyphs, and it asked the question. "Why were petroglyphs made?"

I had always thought they were just depictions of daily life and the animals they hunted. So I never thought any further about their meaning.

Are petroglyphs similar or like hieroglyphics? No.

Hieroglyphics are symbols used to represent words—an actual written language.

Petroglyphs are more than rock art, picture writing, or depicting the natural world.

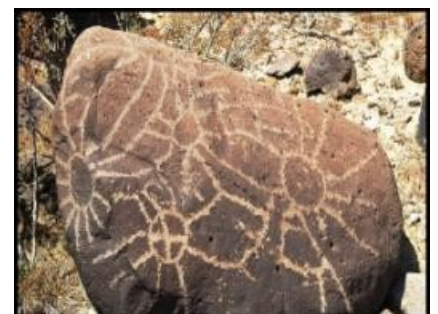
Scientific experts have been studying the ancient petroglyphs of the western US and feel they show insight into the human history of the deserts. The drawings vary in age (200 to 16,000 years old) and style from one desert area to another. However, all the petroglyphs show the same artistic ability to peck or etch distinctive pictures in the stone. The images are sacred, not ancient indigenous graffiti.

The pictures are powerful cultural symbols reflecting the complex societies and religions of the surrounding tribes. The context of each image is critical and integral to its meaning. Petroglyphs are considered sacred landscapes where indigenous people of the southwest still hold traditional ceremonies.

Ancient artists created the images by pecking or scratching away the desert varnish, thus exposing the lighter rock beneath. Recently researchers have found that all petroglyph surfaces containing remnants of the stone used to create the pictures were quartz. Quartz makes sense as the indigenous people of the southwest believed quartz to have powerful energy. Therefore, using quartz created sacred spiritual imagery.

Renegade Canyon has over 100,000 drawings on its sheer rock walls in North America. The canyon is the largest concentration of ancient petroglyphs. Renegade Canyon is located within a highly secure area on the China Lake Naval Air Weapons Station in the California Desert. The Renegade Canyon and the surrounding canyons were declared a National Historic Landmark District in 1964.

Similar petroglyph images can be found throughout the deserts of the West: California, Arizona, New Mexico, Utah, and Nevada.



Rock art all over the world is, in great part, the result of indigenous people who did not possess a written language. The images on stone are best likened to a codex or a set of symbols that communicate thoughts, feelings, messages, and sacred narratives." says Dr. Alan Garfinkel, founder, and president of the California Rock Art Foundation.

Bibliography: Rock & Gem Magazine, US National Park Service – Petroglyph National Monument, New Mexico, and Wikipedia



Display Case Clean-Up Party by Roger Danneman

CMS Members work together refinishing display cases for our 2022 Gem And Mineral Show. Five used display cases recently purchased needed to be sanded, stained, and polycoated. Many thanks to Charles Benedict, Garry and Kathy Hartzell, Mike Blanton, John Cornell, Dave Cornell, and Roger Danneman for their time and efforts.

Young Richard's Almanac by Dick Morgan

Some studies are made to affirm a person's conclusions.

Dinosaur Belly Button

The reptilian equivalent of a belly button has been found on a well preserved fossil of a Psittacosaurus dinosaur. The umbilical scar, which is where the developing animal was connected to the yolk sac inside the egg, was discovered by examining the preserved scales under different wavelengths of light. Such scars can be found on modern birds and reptiles and now we know that dinosaurs had them as well.



Member Obituary: Margaret Squires by Dick Morgan

We were notified that Margaret Squires has passed to a different world and is no longer with us. During World War II she was a Japanese prisoner of war in the Philippines and one of the men that rescued them later became her husband. She returned to America and became a school teacher. As a teacher she knew of the calming nature of rocks, so she kept an assortment of stones on her "time out desk" and when she went to talk to the student after they had settled down. Her husband, Martin worked for Boeing and they joined the club when it was still the Boeing Employees' Mineralogical Society.

She went on many of the club's two week summer field trips and we celebrated her birthday while camping.

She was a very active member of the club and supported club activities. This lovely person will be missed.



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 information from the Washington State Mineral Council webpage (<https://mineralcouncil.wordpress.com>).

July 17

Cascade Mineralogical Society – Greenwater - Agate, jasper, common opal
Roger Danneman roger.danneman@gmail.com 425-757-3506 cell and text

July 23 & 24

Darrington Rock Club – Sweetwater – Meet at the Darrington Show before 11 am – *Travertine* – River bar
Ed Lehman wsmced@hotmail.com h# (425) 334-6282 c# (425) 760-2786

Smiles by Two Incurable Punsters; Monica Borucki and Jo Borucki

Not all jewelry projects are equally enjoyable. For example, enlarging a drilled hole is boring, but fastening two pieces of metal together is riveting. I can cut a piece of silver just by looking at it. I saw it with my own eyes.

from Breccia, 6/22

Don't Forget To Show Your Membership Card At These Retailers

The following businesses are loyal supporters of our rock club.

Show your membership card at the following stores and get a 10% discount on most purchases.

Jerry's Rock Shop – 804 W Valley Hwy, Kent, WA 98032

Minerals, rough or polished rocks, lapidary machines, lapidary supplies, polishing grit, fossils, rock hounding tools, beautiful display specimens, jewelry, and much more. *Please be aware there are a few items they can't offer the 10% discount on.*

Jerry is a great supporter of our club. They make it possible to have nice door prizes at our meetings.


Blackjack Metal Detectors and Mining Equipment – 101 Park Ave N, Renton, WA 98057

They sell beautiful mineral specimens, fossils, books, metal detecting and gold panning equipment and supplies. Chris Holden is a CMS member!


New for Members Only – New Texting Service

We are busy and often forget that CMS has an upcoming meeting or event. Therefore, we have a texting service to remind members of CMS meetings and events.


Everyone is automatically entered into this service. You can opt out anytime by responding with STOP.




For quick access, you can scan the following codes.




Access CMS Club Instagram page



Access our CMS YouTube channel



Access our CMSclub website for the latest on meetings and club events



Access CMS Facebook Groups

Safety Matters - Fire by Ellery Borow, AFMS Safety Chair

Fire--the very word can be terrifying. Rockhound safety means more than wearing goggles, gloves, hearing protection and utilizing equipment guards. Rockhound safety is also about fire.

In our hobby we use fire at our campsites, club picnics and BBQs, when using silver and gold smithing torches, using cookstoves and driving automobiles. All of these may involve risks associated with fire.

To begin at the beginning, the best advice for dealing with fire is to prevent it from happening in the first place. The next best advice is to prepare for a fire's occurrence.

Entire books have been written about fire safety. Having an evacuation plan, keeping suitable fire extinguishers handy where fires are likely to occur, and having the recommended smoke detectors in place are all strongly recommended fire guidelines. Knowing the best place to locate an extinguisher, keeping it visible, keeping it inspected, and knowing how to use the extinguisher you choose are also strongly recommended.

A club safety person should be familiar with the fire issues related to the club meeting hall--emergency exits, fire extinguishers/hose locations, and specific building guidelines. Having every member familiar with these is also highly recommended.

Most people's first thought with a small fire is to put it out using a fire extinguisher. The fire extinguisher most often used is the dry chemical, multi-purpose type. This type is suitable for class A, B, and C fires. Class A is for wood, paper, trash having glowing embers and the like. Class B is for flammable liquids such as gasoline, oil, and grease etc. Class C is for electrical equipment fires.

Knowledge and understanding are required for proper use of a fire extinguisher, just as for any other piece of equipment. Generally, their use is intuitive--though some have a button to press, or a pin to be pulled before the release trigger can be activated. Once the fire extinguisher is active, point the nozzle toward the base of the fire (not the flame itself) and pull the trigger. If the fire is a bit larger, a side to side sweeping motion may be more effective in putting out the fire. Calling a fire department is recommended if there is the slightest doubt about a fire being out.

One of a fire extinguisher's primary purposes is to allow occupants to safely exit the building. It is a judgement call as to what can and cannot be safely extinguished with a hand-held extinguisher. Fire extinguishers come in a wide variety of sizes. Small ones are about the size of a spray whipped cream container and range up to heavy canisters weighing about 25 pounds. It is advisable to have extinguishers suitable to one's ability to lift the weight. Good places to have a fire extinguishers include kitchens, basements, workshops, motor vehicles and any place open flame might be found.

Many, if not most, community fire departments offer training, classes, and workshops, as well as house and shop evaluations about fire safety. States and communities often have specific fire prevention recommendations. It would be wise to have knowledge and understanding of those rules and regulations.

This article is not in any way a comprehensive discussion of all matters regarding fire safety. It is recommended that additional reading be done regarding your particular situation and needs. One additional comment will be about the wisdom regarding the unseen danger of carbon monoxide (CO) in homes. CO detectors are mandatory by fire codes in most, if not all, states.

My thanks to one of our readers for suggesting a safety message about fire safety.

Your safety matters -- always.

from AFMS Newsletter, 12/21-1/22

Show

July 22 -- 24: Friday & Saturday 9 am -- 6 pm; Sunday 9 am -- 5 pm

Washington Agate and Mineral Society, Rock & Gem Rendezvous

Tenino City Park

On Park Avenue (next to the Quarry House & swimming pool), Tenino WA

Upcoming NFMS Show

September 30, Oct 1 -- 2: Friday and Saturday 10 am -- 6 pm; Sunday 10 am -- 5 pm

NFMS & Portland Regional Gem & Mineral, 41st Show

Wingspan Event and Conference Center

At the Westside Commons

801 NE 34th Avenue, Hillsboro, Oregon

