

# The CMS Tumbler



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

**Next Meeting:**  
**February 8, 2024**  
**7:00 p.m.**

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

**The Program is You**  
**Found, or Bought, It,**  
**Now What?**

**The Show & Tell**  
**Theme is Something**  
**You Made**

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### 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](https://www.youtube.com/channel/UCaGIJxaWFatV_JjgZRm9ESA)

This month remember  
to wish a

Happy Birthday to

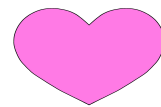
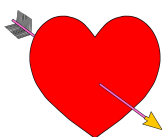
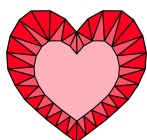
Joshua Dobner on February 3  
Merriann B Fu on February 3  
Cara Fisher on February 4  
Mohamed Naflan on February 4  
Jack Petty on February 9  
Levi Dobner on February 12  
Linda Jorza on February 12  
Scott Harris on February 14  
Arleaha Werts on February 14  
Jae Cites on February 15  
Laura Dwyer on February 18  
Peter Williams on February 18  
Tyler Buck on February 22  
Maxim Tokmakova on February 22  
Scott Miles on February 23

and also remember

to wish a

Happy Anniversary to

Alyssa Hjeltness-Werre & spouse on February 2  
Angie & Brian Bayer on February 8 (12 years)  
Rebecca Waller & spouse on February 10  
Garry & Kathy Hartzell on February 13 (53 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.

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Bulletins are welcome.  
Email preferred.  
[greenrockdraggin@yahoo.com](mailto:greenrockdraggin@yahoo.com)

**2024 Elected Officers**

President Kat Koch	425-765-5408	president@cascademineralogicalsociety.org
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Mineral Council Ananda Cooley	206-683-7787	cascademstreasurer@gmail.com

**2024 Show Committee Chairs**

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Cascade Co #3 Angie Bayer	253-569-0245	angiemc61@msn.com
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Show Display Cases Refurbish Roger Danneman	425-228-8781	Roger.Danneman@gmail.com
Mail Flyers Ananda Cooley	206-683-7787	cascademstreasurer@gmail.com
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Shop Reservations – <i>Winter Shop Closed</i>		
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Raffle Master Roger Pullen	206-387-3214	Phone calls only. No email or texting.
Show & Tell John Cornell	253-335-3617	outhouse2hole@gmail.com
Webmaster Gina Manso	425-281-3502	ginamanso51@gmail.com
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Facebook Club Page 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
YouTube Channel Alex Williams	425-891-4717	alexw0121@gmail.com

2024 CMS Dues are \$30 per year per family

Pay online, by mail, or at our meetings.

*New mailing address: Cascade Mineralogical Society, c/o Ananda Cooley, 300 Lenora St. - PMB 6145, Seattle, WA 98121*

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.

## 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

Every member of the club should be receiving a copy of the Northwest Newsletter. If you are not receiving a copy contact Ananda Cooley in person or by telephone at 206-683-7787 or by computer at [cascademstreasurer@gmail.com](mailto:cascademstreasurer@gmail.com)

To get information to the Tumbler via the Internet send it to [greenrockdraggin@yahoo.com](mailto:greenrockdraggin@yahoo.com) Please put the word "Tumbler" and subject in the Subject Line. The deadline is the 20th of each month.

**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 \$5,000.

On letters that you receive, tear the corner with the stamp off. Try to leave about 1/4" of the envelope around the stamp. 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.



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

**JERRYS ROCK AND GEM**  
 804 WEST VALLEY HWY. KENT, WA. 98032  
[jerrysrockandgem.com](http://jerrysrockandgem.com) [jerrysrockandgem@msn.com](mailto:jerrysrockandgem@msn.com)

Follow us on Facebook **253-852-0539**

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101 Park Ave N,  
Renton, WA. 98057  
Store # 425-430-0290  
Direct # 253-961-3095



**SoDo Rocks**  
Friday thru Sunday  
10 am to 4 pm

2700 4th Ave S, Seattle, WA 98121

**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.



Access CMS Club Instagram page



For quick access, you can scan the following codes.

Access our CMS YouTube channel




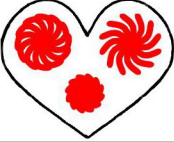



Access our CMSclub website for the latest on meetings and club events



Access CMS Facebook Groups



# February

Sun	Mon	Tue	Wed	Thur	Fri	Sat
				1	2	3
4	5 Board Meeting 7:00 pm	6	7	8 General Meeting 7:00 pm	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29		

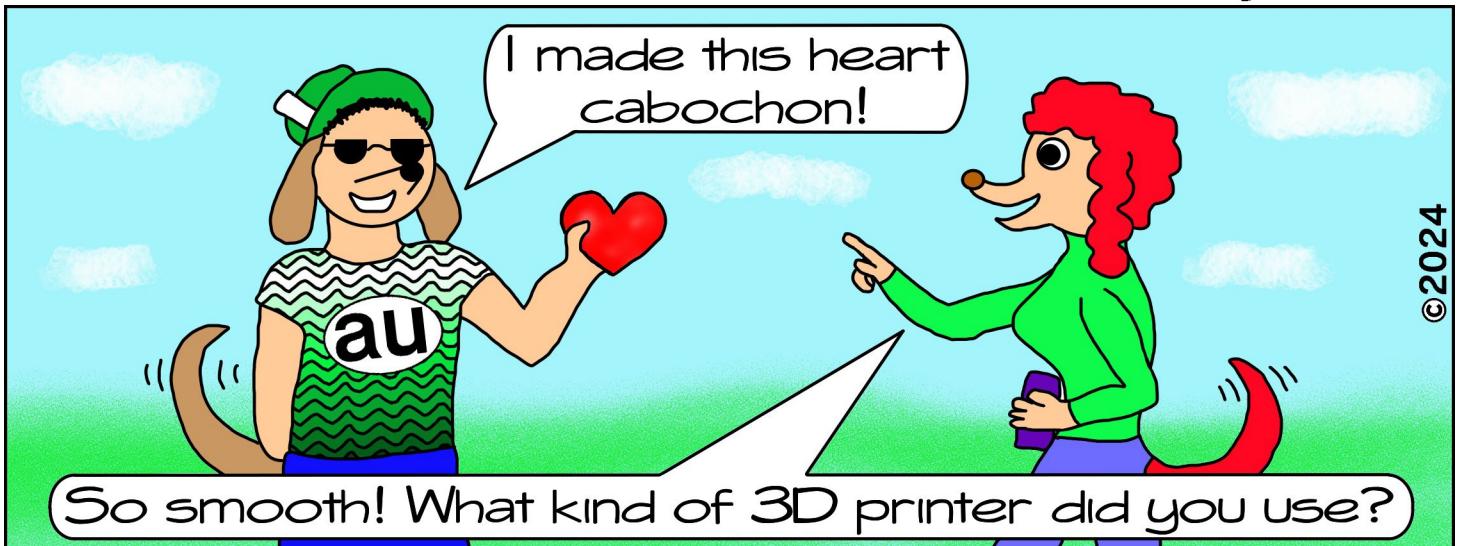
CMS Show Committee Meeting: ...Monday, February 5.....6:30 pm to 7:00 pm  
 CMS Board Meeting:.....Monday, February 5.....7:00 pm to 8:00 pm  
 CMS General Meeting:.....2nd Thursday, February 8.....7:00 pm to 9:00 pm

Lapidary Class Hours:.....Closed for winter  
 Lapidary Shop Hours:.....Closed for winter

More Show info can be found on Page 12

## Son of Mr. & Mrs. Rockhound

by KAM



**CMS Board Meeting Minutes January 8, 2024**

Cancelled.

**CMS General Meeting Minutes January 11, 2024**

Cancelled.

**From the Top of the Rock Pile....** by Kat Koch, CMS President

Planning for our Gem Show is well underway. I took on the position since no one volunteered to be the Show Coordinator. I am determined to keep our show from falling to the wayside because no one is interested in volunteering for the position.

I give a lot of kudos to Mark Hohn for getting our show off the ground again in 2018. What Mark restarted is now a successful show every year and has grown year after year. Last year, Chris Vitellaro put together a great show that celebrated our 75th anniversary and was our most successful show financially. I want to express a huge thanks to both of them.

I am very excited that in 2024, we are moving to a much larger venue with better parking and a location with much more visibility to bring in visitors.

This year's show is on June 29th and 30th, with set-up on June 28th. We have 2 rooms to cover this year. Roger is looking for volunteers, so be prepared to help when he calls or emails you.



We have 5 new families that joined our great club in December. Welcome to our club! To our members who have yet to renew this year, please visit our website and renew your membership online. If you attend a meeting, you can pay your dues with a check, cash, or credit card.

Thank you to Roger Danneman for his excellent job leading our field trips every month. Our field trips are one of our most attended club events. We are all looking forward to Roger's field trips for 2024.

Our monthly meeting attendance continues to grow back to the pre-pandemic levels. Since our membership is growing, I hope more members will attend our monthly meetings. The larger our meeting attendance is each month, the easier it will be to book quality speakers.

I look forward to seeing everyone at our February meeting.

**Looking For Volunteers**

Show Volunteers: If you'd like to volunteer for our upcoming Gem Show, please get in touch with Roger Danneman. His contact information is on the contact page of this issue.

Setting up and running our show takes approximately 55 to 60 volunteers. No matter how you want to help, there is a position for you.



**General Meeting – Thursday, February 8th**

*Topic:* "You found it or bought it, now what?" by Noelle Barnes

We have many members who have gone out on field trips and have collected some excellent materials. They will give their insights into what you do with it - how you clean it, cut it, polish it, and some ideas on what you can ultimately make it into - so that folks there can get excited about upcoming field trips in the new year and, hopefully, the opening of our new shop.

Some of the club members will share their insights and ideas.

*Show 'n Tell:* Show us what you have done with a rock, mineral, or fossil you have found or bought.



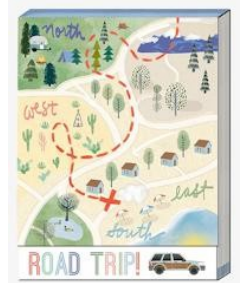
**General Meeting – Thursday, March 14th**

*Topic:* Out-of-state rockhounding sites by Roger Danneman  
Oregon, Utah, Idaho, Montana, etc. - So many rockhounding places!

We have a few members who have combined a road trip vacation and rockhounding that will collaborate on this. It's interesting to see the variety of material from these areas.

After this meeting, you can plan a rockhounding road trip too!

*Show 'n Tell:* Show us something you have found or bought on a road trip.





### April 11th – Rock Bingo (Spring Break)

This meeting is our annual "Rock Bingo" night. It is held during spring break so our Young Tumblers and their friends can attend without worrying about school the next day.

Each member is asked to bring 3 wrapped items for each person who intends to play Bingo. You can play up to 3 games in person, and every person goes home a winner.

Let's all plan to have a fun evening together. Guests are welcome, and we encourage our Young Tumblers to bring their friends.

### Upcoming Field Trips by Roger Danneman

Greetings CMS Field Trippers. Here is the planned Field Trip schedule for 2024. This year we're trying to add a few more dates to the schedule to provide more options for members. And we'll also do some "pop-up" trips that may be short notice. Hopefully if one date doesn't work out, another will. There will be some alternate leaders as well.

If you use Facebook and haven't joined our CMS Group page feel free to join us. It's a place where members can interact and share their finds. <https://www.facebook.com/groups/cascademinerlogicalsociety>

This year I'm adding a Difficulty Rating to each site so that new members can plan accordingly. It's a tough introduction to rock hounding when your first trip is a Difficulty 4 or 5.

One week prior to each scheduled trip, I send out an announcement by e-mail with the specifics. I'd like to get a response from you if you're planning to attend. That way I can prepare accordingly if it's going to be a large group. Also, it's sometimes necessary to send an update/change closer to the trip day if extreme weather is expected or there's a wild fire or road closure or some other anomaly. Those updates only get sent to people that have responded.

The sites on my schedule are generally quite productive. I try to make sure that everyone finds some good material.

Also, if you haven't paid your CMS dues for 2024, this is a reminder to do so.

Happy 2024 Rock Hounding.

#### **March 2 Saturday** *Ole One Lane Bridge - Dunite*

Difficulty Rating 1. Collecting near stream bed and close to parking.

Dunite is rarely found on the earth's surface (comprised primarily of olivine, it's a major constituent of the Earth's Mantle), however a massive exposure of it can be found at the Twin Sisters Mountains near Mount Baker. It's a green "jade like" rock.

#### **March 23 Saturday** *Baker Lake/Swift Creek - agate, gneiss, jasper*

Difficulty Rating 3. Steep trail down to river. Need waders to collect in stream and to cross stream. Agates are found in gravel deposits where stream is flowing. 1/2 mile walk down to Baker Lake gravel beds where agates are found.

#### **April 20 Saturday** *Biggs Junction - agate, jasper*

Difficulty Rating 1. Beers mountain quarry and collecting area is next to parking.

Material is a metamorphic mud stone with beautiful patterns and takes a great polish. Some with agate and/or druzy.

#### **April 21 Sunday** *Saddle Mountain - Petrified wood, opal*

Difficulty Rating 2. Road is rough and this is a dig, but dig site is next to parking.

Petrified wood is agatized and/or opalized. We also usually go to the Beverly Diatomaceous Earth mine for Diatom Opal which is an easy pick.

#### **April 28 Sunday** *Saddle Mountain - Petrified wood, opal - Loren leading*

#### **May 11 Saturday** *First Creek - agate, jasper, crystal, geodes*

Difficulty Rating 5. This is a 2 mile hike on good road bed. Wagons and carts work on this road. Collecting is up steep slopes to reach dig areas and rock slides.

#### **May 19 Sunday** *First Creek - agate, jasper, crystal, geodes - Loren leading*

**June 8 Saturday** *Little Naches* - thundereggs, jasper, leaf fossils

Difficulty Rating 3. First site to thundereggs is a 1/2 mile hike with some elevation gain. This is a dig site. Second site for Lily Pad jasper is next to the road. Third site is a mudstone formation next to the road where leaf fossils can be found.

**June 15 Saturday** - *Red Top* - agate, jasper, crystal, geodes - Loren leading

Difficulty Rating 4. Lower dig site is a short hike up up a steep slope. Upper dig site is a 1/2 mile hike with some elevation gain.

**June 29-30 Saturday-Sunday** CMS Gem Show.

Our Gem Show raises money for the club to acquire some shop space where we can do lapidary activities.

**July 13 Saturday** *Greenwater* - agate, jasper

Difficulty Rating 2. This site is next to where we park, but is a dig. Black/tan agate and jasper is found here.

**August** - usually too hot for me. Any field trips will be impromptu.

**September 14 Saturday** *Frost Mountainn* - agate, jasper, crystal, geodes.

Difficulty Rating 3. This is a mile hike with some elevation gain. Crystal Geode fragments can be found on the surface but the nicest material here is unusual formations of jasper/agate/crystal in the hard rock known as Tahoma Agate.

**September 28-29 Saturday-Sunday** *Crystal Mountainn campout* - agate, jasper, crystal, geodes

Difficulty Rating 3. Multiple areas here for collecting, but one primary dig site. Rough road. We camp here on Friday and Saturday nights, but people are welcome to come up just for the day.

**October 12 Saturday** *Red Top* - agate, jasper, crystal, geodes.

Difficulty Rating 4. Lower dig site is a short hike up up a steep slope. Upper dig site is a 1/2 mile hike with some elevation gain.

**November 9 Saturday** (Site To Be Determined)**Safety Matters — The “To Bring” List** by Ellery Borow, AFMS Safety Chair

Before going on a dig, many people prepare a list of things to bring with them. Such lists may begin with:

Dig map  
Collecting tools  
First aid kit  
Pet first aid kit  
Mo...

Wait. Back up a bit – a “Pet first aid kit”? Yes, a pet first aid kit. A great many people bring their pets with them when they go on local or extended digs. Pets can be injured. So, what is a pet first aid kit? Glad you asked – such a kit would include meds and supplies both specific and similar to a kit found in most pharmacies and department stores. There are, however, notable differences. A pet friendly first aid kit may include:

Pet foods and water (with bowls)  
Sufficient pet medications for the duration of the trip  
A pet-specific first aid book  
Gauze, the self-adhesive kind for pets  
Bandages of various sizes (the butterfly style)  
Surgical tape (the waterproof kind)  
Eye and ear meds and ointments  
Bug bite, insect sting meds (think ticks and fleas)  
A general pet-friendly antibiotic  
Package of activated charcoal – in case of accidental poisoning  
Powdered styptic to control / stop bleeding  
Swabs, cotton balls, sterile pads  
Towels  
Scissors, rounded / blunt nose type  
Tweezers  
Nail cutters / clippers  
Hydrogen peroxide in applicator bottle  
Chemical cold pack  
Additional often-useful items include:  
Treats  
Pet toys



Pet bed for cold or wet locations

A photograph of your pet in case it wanders

Collars, leads, harnesses, and pet identification (is your pet ID chipped?)

Boot-wear in case of a paw injury

Pet waste baggies

With care, a handkerchief or bandana may suffice as a temporary muzzle

Please, discuss with your veterinarian any special trip hazards, medication dosage, application, and administration of all pet meds and safety supplies.

If staying at a campground or hotel – calling ahead is suggested to ensure it is pet-friendly and to what degree in their facilities.

The ASPCA maintains a hotline for pet poison control in case of emergency. At the time of this writing their telephone number is (888) 426-4435.

Be aware that an injured pet may act in unusual ways. Caution, care, and control are imperative.

from AFMS Newsletter, 9/23

## What are Mineraloids? by by Kat Koch

Definition: Mineraloids are amorphous inorganic substances that would otherwise have mineral attributes. It also lacks a definite chemical formula or crystal structure.

There is a class of minerals, Mineraloids, that is rarely mentioned, as the members of this class are often classified as minerals or gems. The members of this class lack the necessary crystalline structure to be truly classified as such. Amber, pearl, jet, and petrified wood are the products of organic processes that further remove them from full mineral status. Although these materials are found naturally, some are treated as gemstones and are included in most mineral references.

Types of Mineraloids

There aren't official classifications of mineraloids, but most fall under one of four categories:

Glass: Hard, inorganic solid with random atom arrangement and no crystal structure (often from cooling too quickly)

Animal-Based: Formed from parts of an animal (shell, skeleton, tissue, etc.)

Plant-Based: Made from secretions (tree sap) or parts of a plant, often that have fallen off

Liquid: Fluids with a definite composition that can crystallize into minerals at certain temperatures

The animal-based and plant-based categories can be combined into the broader "organic" category. However, the liquid category is small, only covering two substances.

The categories above only cover some mineraloids, though. Opal, for instance, isn't liquid, organic, or glass, so why is opal a mineraloid? It is it lacks a crystal structure plus it has an "n" in its chemical formula, meaning part of its composition (amount of water) varies from one opal to the next.

Each category have different subtypes. To name a couple or example, the glass may be impact or volcanic glass (formed from meteorite impact). Animal-based mineraloids are created by an animal (pearls) or their remains (ammonites).

Most Mineraloids form at low temperatures and pressures found at Earth's surface in shallow subsurface environments. Materials such as chrysocolla, limonite, opal, psilomelane, and various supergene materials crystallize from gels or colloids in the shallow subsurface. These materials eventually transform into minerals with time, heat, or pressure. These low-temperature mineraloids often have a smoothly rounded or hemispherical (mammillary), grape-like clusters (botryoidal), pea-like clusters (pisolitic), or icicle-like (stalactitic) behavior pattern.

The following is a sample of the most common Mineraloids:

Amber (Succinite - fossilized tree resin)Chrysocolla (Hydrated Copper Silicate )

Jet (Very Compact Coal)

Lechatelierite (Lightening Strike Nearly Pure Silica Glass)

Limonite (Hydrated Iron Oxide)

Mercury (A Liquid at Normal Temperatures)

Moldavites (Meteor Impact Silica Glass)

Mookaite (Organic Material from Marine Shelves)

Obsidian (Volcanic Silica Glass)Opal (Hydrated Silica)

Pearl (Organically Produced Carbonate)

Petrified Wood (Fossilized Organic Matter)

Psilomelane (Hydrated Manganese)

Pumice (Expanded Volcanic Glass)

Shungite (A Lustrous Black, Nearly Pure Carbon)

Tektites (Meteor Impact Silica Glass)

Water (A Liquid at Normal Temperatures)



NOTE: Water and mercury are classified as mineraloids. They are the only two natural inorganic substances that have a definite chemical composition and are liquids at room temperature. They are also the only two liquids that crystallize into minerals within a range of temperatures and pressures available at Earth's surface. Ice is only considered a mineral when naturally occurring, such as icebergs, glaciers, etc. Ice cubes are not considered a mineral.

Bibliography: *Geology.com, Wikipedia, Dictionary.com, Merriam-Webster Dictionary, Minerals.net, Galleries.com, Mindat.org*

# Young Tumblers Club News

## Rock Bucks

Just a reminder that all Young Tumblers under 15 can easily earn "Rock Bucks."

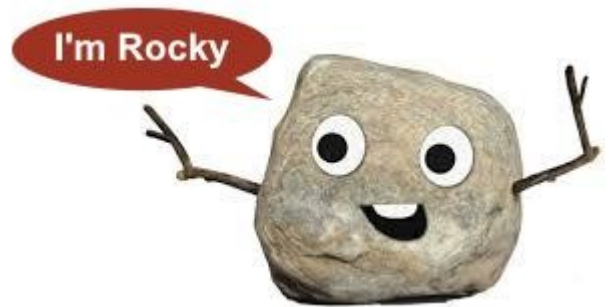
Earn \$2 "Rock Bucks" for attending a meeting.

You can earn an additional \$3 in "Rock Bucks" if you bring something for Show 'n Tell and tell us about your item.

The "Rock Bucks" can be spent like real money at our meetings or club auctions.

You can save your "Rock Bucks" during the year and spend them just like cash on auction items you would like, or you can buy raffle tickets at our monthly meeting.

Join us at our meetings and build your rock-buying piggy bank!



## Looking For an Assistant Young Tumblers Club Leader

Our young Tumblers Club is active. Hopefully, more of our Young Tumblers will decide to participate in the club and earn Rockhounding Badges. If you are active in the badge program, the CMS will buy you a rockhounding vest for badges and field trips. I, Kat, am still looking for a Mom or Dad to volunteer to help me with the program.

## Young Tumblers Club - Juniors Newsletter

The AFMS Juniors Division issues a newsletter for our Young Tumblers by our Young Tumblers. Be sure to download a copy if you have a Young Tumbler. It is an excellent addition to their program, so check it out.

<https://www.juniors.amfed.org/juniors-newsletter>

If your youngster likes to write, encourage them to write an article for "Crack the News."



## Young Tumblers Club – Badge Program

CMS is now enrolled in the AFMS badge program. We now have 5 Young Tumblers in our club.

Please let me know if you have a youngster who would like to be in our Young Tumblers Club and earn badges. They will earn badges as they rockhound or learn about rocks and minerals.

If you are in our Young Tumbler's Club – Badge Program and actively working on earning badges, CMS will buy you a rockhounding vest to wear and show off your badges. After successfully achieving your first badge, you will be eligible to receive a free vest!

Starting in January, we will work on the Fossil and Field Trip badges. If your Young Tumbler wants to work on these badges, you can pick up a requirements sheet at the meeting or email Kat Koch for a copy. These badges coincide with the start of our 2024 field trips. They can also work independently and do not need to participate in our club field trips. They can do a family field trip, another club's field trip, or with the mineral council.



# Cascade Rock, Gem & Jewelry Show

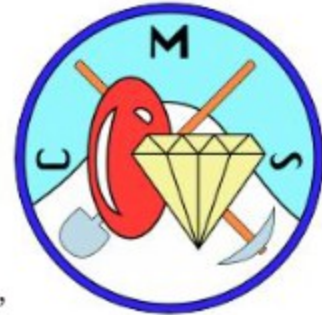
Free admission and parking

Free rock for every kid

A great event for families

All kinds of rock from amazing rough to incredible cabochons, jewelry, beads, slabs, and more!

Fantasic minerals, gems, fossils & metaphysical specimens



**JUNE 29-30, 2024**  
**10am - 5pm**

**NEW DATES**

Vendors from all over the Pacific Northwest - all indoors

Raffle and door prizes

Silent auctions every 15 minutes

**KENT COMMONS**

**525 4th Ave. N.**  
**Kent, WA 98032**

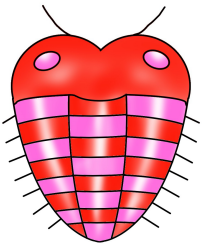


**NEW LOCATION**  
more info

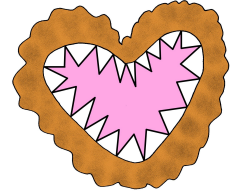


[www.cascademineralsociety.org](http://www.cascademineralsociety.org)

## Shows



**February 10 & 11:** Saturday & Sunday 9 am – 5 pm  
**Whidbey Island Gem Club, Annual Gem Show**  
Oak Harbor Senior Center  
51 SE Jerome St.  
Oak Harbor WA



**February 23 – 24:** Friday & Saturday 9 am - 5:50 pm; Sunday 9 am - 5 pm  
**Oregon Agate & Mineral Society, 73rd Annual Show**  
Oregon Museum of Science and Industry (OMSI)  
1945 SE Water Ave.  
Portland, Oregon

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### Young Richard's Almanac by Dick Morgan

February is considered the romantic's month because of Valentine's Day. In fact Pat and I got engaged on February 14, 1961, so I can tell you it was a great month.

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Filigree jewelry was discovered and unearthed in the ancient Mesopotamia area and this was about 5000 years ago. Filigree was also popular during Roman times, extending throughout the empire.

from Brevard Gems, 9/23

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### Rockus Collectralus: A Case Study by Chris Lee (17), Georgia Mineral Society

It is a horrible thing to be addicted to rocks. In the middle of the night you wake up, contemplating more purchases to make. The shelves in your house are overloaded, sagging under all the weight – 30% of the earth's crust sitting on them. You don't even bother showering any more, as the fine dust left on your hands from carrying rocks has built up to unmanageable levels. All but your best friends have abandoned you; they do not want to be seen in public with someone so dirty.

This is a glimpse into the life of a person affected by rockus collectralus, a horrible disease that causes compulsive rock collection. Sufferers of this disease can be easily identified by their bulging pockets, their vest covered in dust, and their beat-up hat. Many sufferers also can be seen at any place that rocks, minerals, or fossils are sold. They can be differentiated from other patrons by lack of the phrase: "How much?"

Unfortunately, there is no way to treat rockus collectralus. However, there are ways of making it more livable. One way is to provide frequent exposure to others with this disease; this will help the sufferer to maintain their sanity. Another way is to provide frequent opportunities and finances to purchase as many rocks as needed. This keeps everyone happy, except for your accountant and spouse. Finally, the most important way to treat rockus collectralus is to have more social contact than just your rock dealer, and to not spend all day organizing, tagging, gazing at, and researching your collection.

If all of the above steps are followed, sufferers of rockus collectralus can have some of their lives back and be on their way to recovery.

via Beehive Buzzer, 11/10; via Strata Gem, 11/10; via The Franklin County Rockhouser, 9/10; from Tips and Trips, 1/08

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