



The CMS Tumbler

May
2026

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

Next Meeting:
May 14, 2026
7:00 p.m.

American Legion Hall
25406 97th PI S
Kent, WA

The Program is drilling
holes in rocks

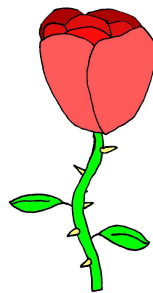
The Show & Tell
Theme is bring a rock
you'd like to make into
something else

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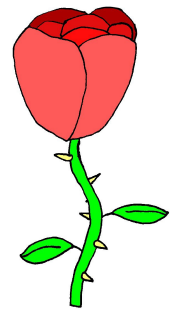
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 Show Facebook: <https://www.facebook.com/cascadegemandmineralshow>
 Instagram: <https://www.instagram.com/cascaderockclub/>
 YouTube Channel (Please like and subscribe):
https://www.youtube.com/channel/UCaGIJxaWFatV_JjgZRm9ESA



This month remember
to wish a
Happy Birthday to
Brian Bayer on May 2
Andrea Mittleider on May 2
Megan Wasley on May 4
Carson Hutton on May 7
Noah Anderson on May 9
Alex Danneman on May 12
Julia Post on May 15
Penny Post on May 15
Jennifer Russell on May 16
Justin Kalm on May 17
Lauri Miles on May 23
Russell Lopeman on May 24
Mr. Searcy on May 26
and also remember
to wish a
Happy Anniversary to
Fred & Nancy Funk on May 8
Erin & Mr. Anderson on May 14
Peter & Mrs. Anderson on May 16
Peggy Shashy & Paul Ahnberg on May 24 (23 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.

Membership Mailing Address:
Cascade Mineralogical Society
c/o 4762 Whitworth PI S #P104
Renton, WA 98055

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

2026 Elected Officers

President Noelle Barnes	206-914-0514	geonoelle@outlook.com
Vice President Michelle Maidman	206-395-5270	maidmmm@yahoo.com
Treasurer Ananda Cooley	206-683-7787	cascademstreasurer@gmail.com
Secretary Pete Williams	425-228-5063	petewill02@gmail.com
Director 1 – At Large Lee Oliver	253-878-2151	loliver4252000@gmail.com
Director 2 - Field Trips Roger Danneman	425-228-8781	roger.danneman@gmail.com
Director 3 – At Large Linda Jorza	206-478-1642	ljorza@gmail.com
Director 4 - At Large Richard Russell	253-736-3693	richru1@yahoo.com
Director 5 - At Large Paul Ahnberg	941-704-2063	runhikebird@icloud.com
Past President Kat Koch	425-765-5408	president@cascademineralogicalsociety.org
Postage Stamps Michael Blanton	425-271-8757	mblanton41@hotmail.com
Mineral Council Ananda Cooley	206-683-7787	cascademstreasurer@gmail.com

2026 Show Committees

Book Display Cases Roger Danneman	425-228-8781	Roger.Danneman@gmail.com
Display Cases Roger Danneman	425-228-8781	Roger.Danneman@gmail.com
Mail Flyers Bev Williams	425-228-5063	britbev1957@outlook.com
Treasurer Pete Williams	425-228-5063	petewill02@gmail.com
Silent Auction Richard Russell	253-736-3693	richru1@yahoo.com
Show & Raffle Donations Kat Koch	425-765-5408	president@cascademineralogicalsociety.org
Volunteer Recruiter Roger Danneman	425-228-8781	Roger.Danneman@gmail.com
Website Kat Koch	425-765-5408	president@cascademineralogicalsociety.org
Vendor Chairman Kat Koch	425-765-5408	president@cascademineralogicalsociety.org
Supplies & Food Angie Bayer	253-569-0245	Text to her number (no email)

2026 Committee Chairs

Club Historian Jim Cerenzie	253-638-1478	jcerenzie@yahoo.com
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
Meeting Greeters Angie & Brian Bayer	253-569-0245	angiemc61@msn.com
Meeting Programs Kat Koch	425-765-5408	president@cascademineralogicalsociety.org
Membership Kat Koch	425-765-5408	president@cascademineralogicalsociety.org
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 – <i>Shop is closed as we are building an indoor shop</i>		
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 Jarrod Da	425-306-2501	jarrod.da@comcast.net
Show & Tell John Cornell	253-335-3617	outhouse2hole@gmail.com
Webmaster Gina Manso	425-281-3502	ginamanso51@gmail.com
Facebook Group Roger Danneman	425-228-8781	Roger.Danneman@gmail.com
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

2026 CMS Dues are \$30 per year per family

Pay online, by mail, or at our meetings.

New mailing address:

*Cascade Mineralogical Society
c/o 4762 Whitworth Pl S #P104
Renton, WA 98055*

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 Lands Access Association; and the Washington State Mineral Council.

Our Club is a Member of these Federations and Associations

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

CONTENT DISCLAIMER

This publication is provided "as is" without warranty of any kind, either express or implied, including, but not limited to, fitness for a particular purpose; the technical data was derived from other sources, and the author has no way of knowing their accuracy.

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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.

We Need Your Canceled Postage Stamps

Our club is going to continue to collect canceled postage stamps. Even though we are no longer members of the NFMS, we will continue to collect them and turn them over to the NFMS. They have a stamp company that buys them, and these funds are donated to cancer research. Every year NFMS donates around \$2,500.

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 will turn them over to the NFMS. 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 jerrysrockandgem@msn.com

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

Black Jack's Metal Detectors
 AND MINING EQUIPMENT!

Black Jack's Metal Detectors
 Mining Equipment, Low Pressure Dive, & Rock Shop!
www.BlackJacksMetalDetectors.com
 Your place for Metal Detecting & Mining Equipment

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

These three retailers are huge supporters of our club. Please seek them out when looking for lapidary items and supplies.

Don't forget to show your membership card and receive a 10% discount on most items!


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.

Scan Me


For quick access, you can scan the following codes.




Access CMS Club Instagram page



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

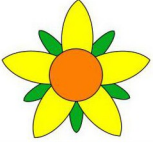

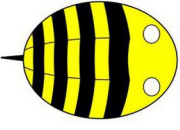
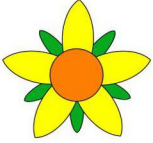



Access our CMS YouTube channel



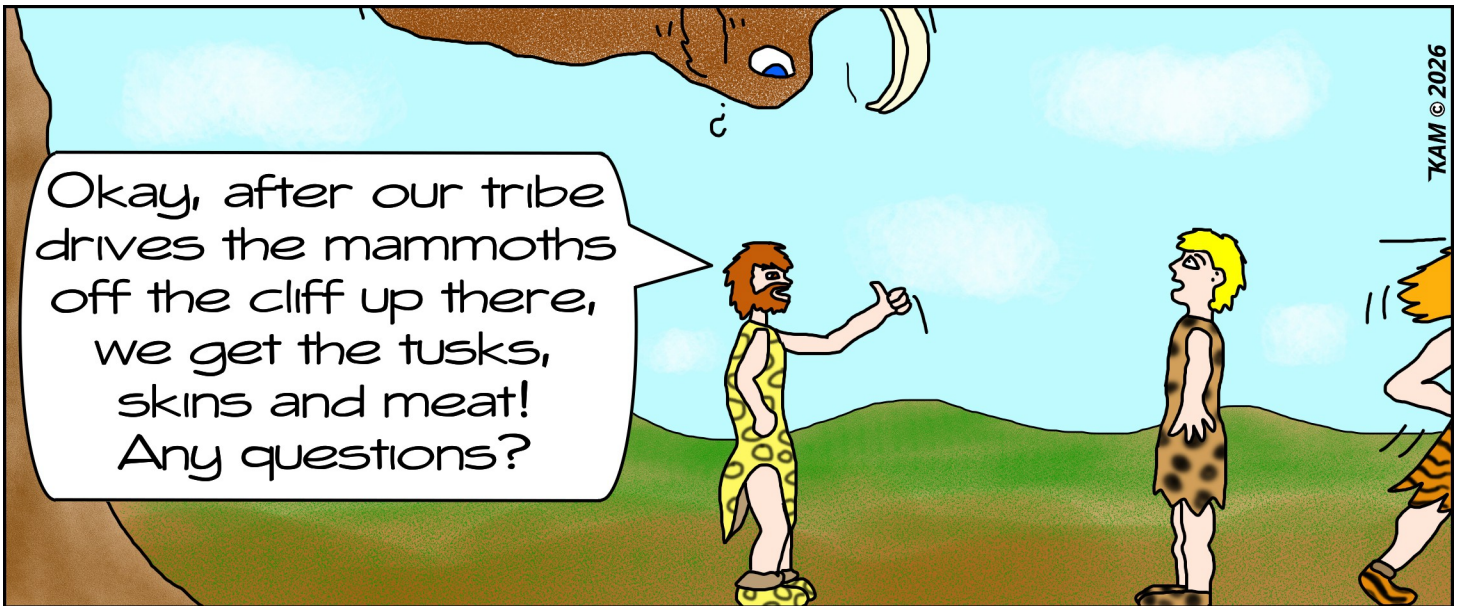
Access CMS Facebook Groups

May

Sun	Mon	Tue	Wed	Thur	Fri	Sat
					1	2
3	4	5	6	7	8	9
10	11 Board Meeting 7:00 pm	12	13	14 General Meeting 7:00 pm	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

CMS Show Committee Meeting:....Monday, May 11.....6:30 pm to 7:00 pm
 CMS Board Meeting:.....Monday, May 11.....7:00 pm to 8:00 pm
 CMS General Meeting:.....2nd Thursday, May 14.....7:00 pm to 9:00 pm

More Field Trip info can be found on Page 11
 More Show info can be found on Page 12



CMS Show & Board Meeting Minutes April 6, 2026

by Pete Williams, 2026 Secretary

Attendees: Noelle Barnes, Rich Russell, Kat Koch, Paul Arhnerg, Pete Williams, Roger Danneman, Ananda Cooley, Mike Blanton, Michelle Maidman, Arleaha Werts, Linda Jorza

Meeting Called to order: 6:32

For the show in June, there are 15 booths left to sell. The early bird discount ends May 1. Volunteers are still needed to help with advertising and requesting donations for the raffle. Kat put together a letter any volunteer could use to send out. We have someone doing FB and Instagram advertising that will start light in May and heavy in June.

Volunteers at the show will get free time in the shop. A final decision was not made on how much it will cost to use the shop. One discussion was \$10 for a 3 hour block. The money would be used to maintain the shop. Volunteers would potentially get a free 3 hour block. We will need fewer people at the front desk, but 1-2 additional for the kid's area.

Noelle and Arleaha will look into recruiting high school students as volunteers. Noelle will request flat bed dollies for the transport of vendor materials into the gym. Michelle will begin sending out letters for advertising and requesting donations.

CMS Board Meeting – 7:00

Additional attendees: Lee Oliver, Paul Arhberg

The shop is nearing completion. John and Dave Cornell refurbished some equipment. They will be reimbursed \$200 for materials. Roger will explore a web page to use for reserving shop time. Noelle will look into the capabilities of "membership works". Roger will be reimbursed for the shop equipment and supplies he purchased of around \$1000.

There are about 100 video tapes from the old Boeing club that contain relevant information. Roger has begun digitizing them and putting on a Google drive. He will also begin requesting people to document club inventory held at peoples houses.

A discussion was held on how to achieve club goals of increasing attendance at field trips and club meetings. Ideas were linking using club equipment training after a field trip to show what you can do with rocks you found and potentially using a carpool to get to sites.

Some ideas for increasing meeting attendance were having a potluck before the meeting, sending out email meeting notices, and assigning a buddy to new members.

Upcoming programs: May-drilling holes in rocks; June-intro to the shop and show preparation; July-using digital tools for rockhounding; August-Club picnic; September and October still open.

Carl Carlson has written a book with amazing pictures on Ellensburg blue agates.

Meeting adjourned at 7:56

CMS General Meeting Minutes April 9, 2026

by Pete Williams, 2026 Secretary

Called to Order: 7:14

There are only 14 booths left to sell for our show on June 27-28. The early bird special ends May 1. Any members who wish to sell will get a 25% discount. Roger will begin a sign-up sheet for volunteers who are needed for load in and out, front table, silent auction, and kids' area. Please bring flat river rocks 1-3 inches in diameter for the kid's area. Members can also do a display case.

A volunteer is needed to attend monthly Washington State Mineral Council meeting to represent our club.

Our shop is nearing completion. Equipment included a 12" and 14" saw and a cabbng machine amongst several others. Members who volunteer at the show will get a block of free time in the shop.

The next field trip is to Baker Lake/Swift Creek on 4/19. The May meeting program is on drilling holes in rocks. It will also be our semi-annual food drive. Please bring canned goods, including jelly as well as feminine hygiene products.

Meeting adjourned at 7:37 followed by a night of fun playing bingo.

Digging It!

by Noelle Barnes, 2026 President

May is finally here, and with the snow clearing, the flowers blooming, and the rains letting up a bit (hopefully), that rock fever is hitting us all pretty hard. I hope you all had a great time at the Rock Bingo night last month! And it sounds like the trip to Swift Creek was exactly the kind of day that was perfect for river hounding.

The Big Show is Coming!

We are now less than two months away from our **Cascade Gem, Mineral & Jewelry Show**, which will be held **June 27–28** at **Kent Commons**. This is our biggest event of the year, and as I mentioned when I started my term, the people are what make this club great. We need your energy and your hands to make this a success!

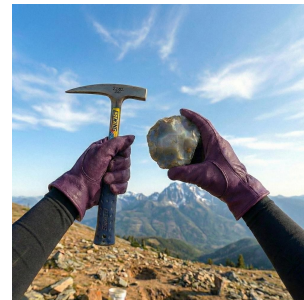
If you haven't joined a committee yet, please consider:

Show Board Meetings: Our next meeting is online, **May 11** (the second Monday of the month) at **6:30 PM**.

Volunteering: We need help with everything from show preparation to execution.

Ideas: I am still looking for your feedback and ideas for what you'd like to see from the club this year.

At this month's club meeting, our own Mike Blanton will bring his expertise to the program, sharing the tools, tips



and tricks he has developed to drill holes in stones and minerals so you can do more with the rocks you find. And we have three (!) field trips scheduled for May and June – I hope you'll be able to make it to one if not all of them.

Thank you for being a member (and for reading the newsletter). Happy hunting!



April 19th Field Trip by Roger Danneman, CMS Field Trip leader

On Sunday April 19th we had a beautiful day for a field trip, the kind of day I hope for when we go to Swift Creek on the east side of Mt. Baker. The Baker Lake reservoir is still low and the gravel beds accessible but quite a hike on river cobble to get across and downstream. Metamorphic rocks in abundance - the Baker Blue Agates rather sparse. We met on-site at 10 am. I didn't do very well on the agate hunt, but I was also looking for nice jasper. I started noticing that there are a lot of the rusty skinned rocks here like Listwanite, except these don't have the hints of green in the skin. I took a couple of them home to cut and check out. After we finished at Swift Creek I went to the Cascade River further east by Marblemount. Here there is the Listwanite with strong green colors. One of my pics shows the comparison of the two colorations of the Listwanite. Curious, I queried Gemini and got some interesting information that I'm submitting for the May Tumbler publication. Anyway, we had a good group, good weather, and there's no better place to be on a beautiful spring day than by a mountain stream looking for rocks.

Joining me on this trip were John M., Michelle M., Vanessa L., Aubrey S., Diane C., Chris V., Mathew C., Mary F., Jarrod D., and guests Alexis and David.

Next trip is on May 2nd to First Creek near Cle Elum.





The Variations of Listwanite submitted by Roger Danneman

One of my favorite rocks to find is Listwanite. Typically, most of my finds come from the Marblemount area around the Cascade River and Jordan Creek. But on our recent field trip to Swift Creek and Baker Lake I was noticing a rock that had the same rusty rough skin only without the hints of green. I took a couple of them home with me to cut and see what they looked like inside. They had a nice pattern, but lacked the vibrant green that I like. I decided to query Gemini for info on the color variations of Listwanite and here's what was returned.

Listwanite (also spelled listvenite) is famous for its vibrant and varied color palette, which is one of the reasons it is often used as an ornamental stone. Its appearance is primarily determined by the specific minerals formed during the hydrothermal alteration of ultramafic rocks.

Common Colors of Listwanite

- **Vibrant Green:** This is perhaps the most iconic color for listwanite. It is caused by the presence of **fuchsite** (a chromium-rich variety of muscovite mica) or **mariposite**. The green can range from a pale mint to a deep emerald.
- **Rusty Red or Orange:** You will often see listwanite with a weathered, "burnt" look. This is due to the oxidation of iron-bearing carbonates like **siderite** or **ankerite**, which creates a rusty red or orange coating of limonite or goethite.
- **White and Cream:** The base of the rock is often composed of magnesium-rich carbonates like **magnesite** or **dolomite**, which provide white or off-white streaks and patches.
- **Grey and Black:** Some samples appear darker or "smoky" depending on the amount of residual minerals from the original serpentinite or the presence of magnetite.
- **Gold/Yellow:** Because listwanite is frequently associated with gold-bearing quartz veins, it can sometimes have a yellowish hue from secondary mineralization, though this is less common than the greens and reds.

Why the Colors Change

The rock is essentially a "geological hybrid." Its color is a snapshot of its chemical history:

- **Fresh Surface:** When freshly broken, it often shows a striking contrast between green (fuchsite) and orange

(carbonates).

- **Weathered Surface:** Exposed outcrops typically turn red-brown as the iron minerals react with the air.

In the Pacific Northwest, particularly in areas like Skagit County, Washington, listwanite is often sought after by collectors for these vivid green and orange patterns, which look spectacular when cut and polished.

I did collect a bunch of the nice green material from the Cascade River, although my usual site was ravaged by the December flooding and is now covered with sand. The river outlet has changed course into the Skagit due to a massive log pileup and that spot is nothing but a trickle stream now. The picture below shows the Cascade River Listwanite on the left and the Baker Lake Listwanite on the right. I will have a bunch of the nice green material in my Treasure Chest for volunteers at our Rock, Gem, and Jewelry Show June 28-29th.



Eye Candy by Kat Koch

Here is some rockhoulder's eye candy. It is hard to believe the beauty Mother Nature creates.



Blue Lace Agate

Agate Amethyst Geode (Blue Lace Agate)
From Brazil.

Blue lace agate is a type of agate that is characterized by its delicate blue and white banding. It is a form of chalcedony, which is a microcrystalline variety of quartz. Blue lace agate is found in various locations around the world, but it is most commonly found in Namibia.



Rainbow Obsidian

Incredible Rainbow obsidian from Davis Creek,
Northern California.

Rainbow obsidian is a type of obsidian that displays a rainbow-like sheen when held up to the light. This sheen is caused by tiny magnetite inclusions, a mineral that contains iron.



Combination of Calcite, Quartz and Chalcopyrite

Calcite blades with Chalcopyrite, Pyrite, and Quartz sprays at top. Boldut Mine, Cavnic, Maramures, Romania.

A specimen combination of calcite, quartz, and chalcopyrite is a beautiful and unique geological formation. Calcite is a carbonate mineral, quartz is a silicate mineral, and chalcopyrite is a copper-iron sulfide mineral. These three minerals often occur together in mineral veins and deposits.



Pink Labradorite

Unbelievable Labradorite from Newfoundland, Canada.

Pink labradorite is a rare and beautiful variety of labradorite that exhibits a soft pink to rose-colored hue.



Colorful Calcite

Tricolor Calcite specimens from Durango, Mexico

Tri-color calcite is a banded calcite that is composed of three colors: orange, white, and green. It is a relatively rare variety of calcite and is found in a few locations worldwide, including Mexico, the United States, and Australia.



Opal Pineapple

Opal pineapple specimen from White Cliffs, New South Wales.

Opal pineapples are a rare type of opal that is found in only one place in the world: the White Cliffs opal field in New South Wales, Australia. They are formed when ikaite crystals, a type of calcium carbonate, are replaced by opal. Ikaite is an unstable mineral that only forms under very specific conditions, such as those found in the White Cliffs region.



Thunder-egg Agate

Thunder-egg Agate (Looks like a galaxy, maybe it is) from New Mexico.

Thunder-egg agate is a type of agate that is found in volcanic rocks. Thunder-egg agate is often found in the form of round nodules. When these nodules are cut open, they reveal intricate patterns and colors. Thunder-egg agate is a popular gemstone used in jewelry, carvings, and other decorative objects.



Realgar and Picroparmacolite from the Shimen Mine in Hunan China.

A highly prized mineral combination, most notably from the Shimen Mine in Hunan, China, where brilliant cherry-red realgar crystals are accompanied by rare, sharp white acicular tufts of picroparmacolite



Dumortierite

Dumortierite is a very rare aluminum borate silicate mineral that is found in the form of masses, small prismatic crystals, or as fibrous inclusions within Quartz. Its color is usually a dark or navy blue, but can also be found as

green, but can also be found as green, brown, violet, and even light pink. Found in Austria, Brazil, Madagascar, Namibia, Canada, Russia, Sri Lanka, and the USA.

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>).

- May 2** *Cascade Mineralogical Society - **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.
*Roger Danneman – CMS Field Trips Guide (roger.danneman@gmail.com; 425-757-3506 texts preferred)**
- May 9** *Marysville Rock & Gem Club - **Finney Creek** - Listwanite – Bring digging tools, hard rock chisel, pry bar, and sledgehammer
*Nique Wicks nwhappyfrog41@gmail.com (509) 670-0630**
- May 23 & 24** *Marysville Rock & Gem Club - **Kettle Falls** - Fossils – Bring a rock hammer
*Nique Wicks nwhappyfrog41@gmail.com (509) 670-0630**
- May 23 & 24** *Marysville Rock & Gem Club - **Wild Turkey Mine** - Noble Serpentine – Bring hard rock or surface collection tools – Fee Dig
*Nique Wicks nwhappyfrog41@gmail.com (509) 670-0630**

Editor's Note by Keith Alan Morgan

Sorry there is no Young Tumblers Page this issue. Nobody had submitted any material for it and I didn't have time to make anything to run there.

Fossilized Funny Bones From Other Newsletters

What should you do when you hear a bad joke about rocks?
Take it with a grain of basalt.

from Tulip City Conglomerate, 4/25

Why was the gemstone scared of his exams?
Because he that he wasn't going topaz.

from Tulip City Conglomerate, 5/25

What do you call a rock that never goes to school?
A skipping stone.

from Tulip City Conglomerate, 8/25

What do you call an Irish gem that is a fake?
A Shamrock.

from Tulip City Conglomerate, 3/25

What do people love most about Geologists?
That they are so down-to-earth!

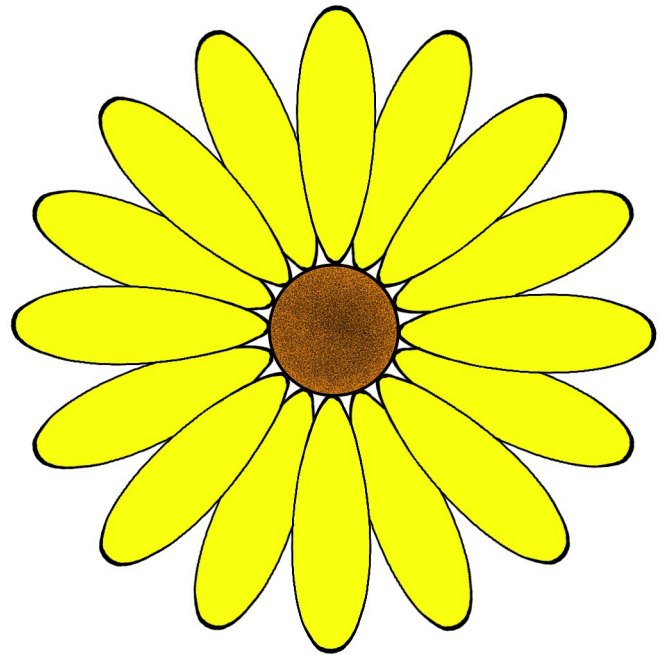
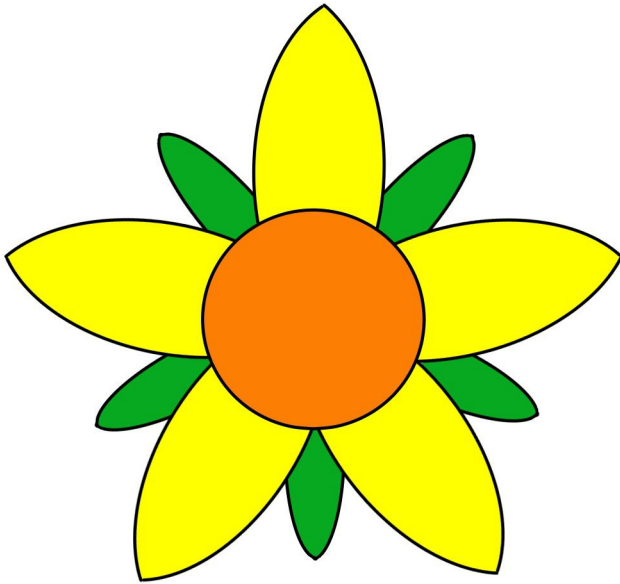
from Tulip City Conglomerate, 11/25

When were rock puns the funniest?
During the Stone Age!

from Tulip City Conglomerate, 12/25

Turquoise is the best color!
It's cyantifically proven
It blue my mind
I am purplexed
I red it on the internet

from The Polished Slab, 4/26



Shows

May 2 & 3: Saturday and Sunday 10 am - 5 pm
Everett Rock and Gem Club, 71st Annual Show
Evergreen State Fairgrounds
18359 Cascade View Drive
Monroe, WA

May 9 & 10: Saturday 10 am – 6 pm; Sunday 10 am – 4 pm
Hatrockhounds Gem & Mineral Society, Natures Treasures Underfoot
Eastern Oregon Trade & Event Center
1705 East Airport Road
Hermiston Oregon

May 23 & 24: Saturday 9 am – 6 pm; Sunday 10 am – 4 pm
Clackamette Mineral & Gem Club, 61st Annual Show
Clackamas County Fairgrounds
694 NE 4th Ave
Canby, Oregon

May 30: Saturday 10 am – 5 pm
Maplewood Rock and Gem Club, Special Vendor organized event
Maplewood Clubhouse
8802 196th St SW
Edmonds, WA