



The CMS Tumbler

August
2026

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

Club Picnic:
August 15, 2026
12:00 noon – 4:00 p.m.
(Setup starts 10:30 a.m.)

Gene Coulon Park
South Shelter 2
Renton, WA

Bring a potluck item to share.

There will be an auction

More information on page 11

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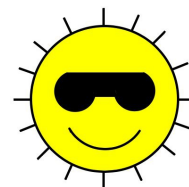
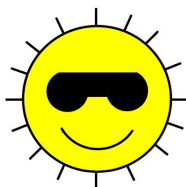
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Connect with us!

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

This month remember to wish a Happy Birthday to

Nancy Funk on August 1
Gerry Pacheco on August 9
Les Church on August 10
Neil M. Naputo Sr. on August 11
Aubrey Sullivan on August 11
Ananda Cooley on August 12
Terri Gerard on August 13
Devin Gurley on August 14
Michele Maidman on August 15
Caroline Anderson on August 18
Breanna Post on August 19
Jordan Small on August 19
Arden Walcott on August 21
Brandi Blanchfield on August 23
and also remember to wish a Happy Anniversary to
Natalie & Mr. Findley-Wolf on August 9
Scott & Lauri Miles on August 12
Jae & Mike Cites on August 18
Larry & Sheila Clark on August 23
Robert & Nan Li Merriman on August 25 (16 years)
Chris & Mrs. Walcott on August 27
Michele Maidman & Gerry Pacheco on August 30



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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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Renton, WA 98055

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Director 4 - At Large Richard Russell	253-736-3693	richru1@yahoo.com
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2026 Show Committees

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Supplies & Food Angie Bayer	253-569-0245	Text to her number (no email)

2026 Committee Chairs

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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)
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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

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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.



Access CMS Club Instagram page



Access our CMS YouTube channel



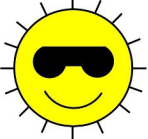
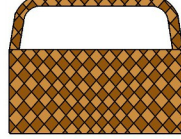
Access our CMSclub website for the latest on meetings and club events



Access CMS Facebook Groups



August

Sun	Mon	Tue	Wed	Thur	Fri	Sat
	The Club Picnic is at Gene Coulon Park, South Shelter 2, in Renton					1
2	3	4	5	6	7	8
9	10 Board Meeting 7:00 pm	11	12	13	14	15 Club Picnic 12 noon
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

CMS Board Meeting:.....Monday, August 10.....7:00 pm to 8:00 pm

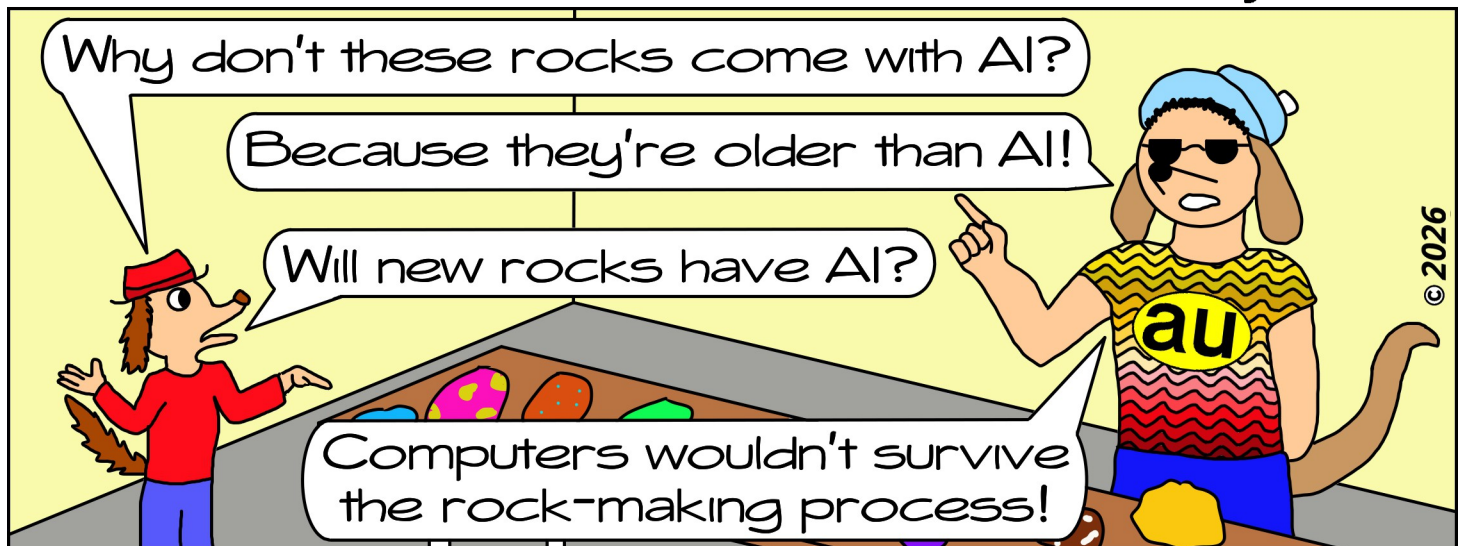
CMS Club Picnic:.....Saturday, August 15.....12:00 noon to 4:00 pm (Set-up starts at 10:30 am)

More Field Trip info can be found on Page 11

More Show info can be found on Page 12

Son of Mr. & Mrs. Rockhound

by KAM



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

CMS Board Meeting Minutes July 6, 2026

by Pete Williams, 2026 Secretary

Attendees: Noelle Barnes, Rich Russell, Kat Koch, Pete Williams, Roger Danneman, Mike Blanton, Lee Oliver, Michelle Maidman, Paul Ahnberg, Ananda Cooley

Meeting Called to order: 7:03

At our show last weekend, a tote with items belonging to Kent Commons is missing. Those who packed up club items after the show will check to see if it was mistakenly picked up. The show had a profit of \$5600 and attendance increased by around 25%. The plan is to start the show at 10:00 next year instead of 9:00 to allow vendors more time to set up.

A discussion was held on if the raffle cases and display cases should begin to be taken down before the 5:00 end of the show. Due to the length of time it takes to dismantle the cases, the decision was to continue to begin take-down before the final show closure at 5:00.

Other show related items were: the need to have someone shadow Kat to learn how to work with the vendors; the need for a rock wrangler to coordinate obtaining rocks for the auction and spinning wheel; the possibility of selling slabs next year since few other vendors do; and providing a survey to the vendors to discuss what works and what needs improvement.

Help is needed for someone to manage the website. Volunteers are helping with the extension of the deck for our club shop. Michelle will explore purchasing the new cab machine for the shop from Kingsley North since they always donate items to our show.

The club summer picnic will be at Coulon Park in Renton on August 15. The field trip to Greenwater will need to be split into 2 days due to the number of vehicles.

Programs are still needed for September and October. One possibly is seeing if Wolf and Willow would be interested.

The Goddard School in Renton has requested a presentation on rocks on August 7 for about 50 3- and 4-year-olds. Roger and Pete will attend.

The program for July will be Noelle's presentation on Rock Hounding on the Road.

Meeting adjourned at 8:18

CMS General Meeting Minutes July 9, 2026

by Pete Williams, 2026 Secretary

Called to order: 7:09

Noelle thanked all the volunteers for our successful show at the end of June. Our profit was \$5600. A "rock wrangler" is needed to coordinate bringing rocks to the show for the auction and spinning wheel. Help is needed for someone to update the website. Scott Miles volunteered.

Roger reported that the field trip to Greenwater this weekend will be split into 2 days due to the large number of cars. The main material will be black agate. The field trip the following weekend will be to Crystal Mountain. The club picnic will be on August 15 at Coulon Park in Renton. Details to follow.

Program: Rock Hounding on the Road: How to find rocks wherever you are by Noelle Barnes.

Meeting Adjourned at 8:05 followed by show and tell.

Digging It!

by Noelle Barnes, 2026 President

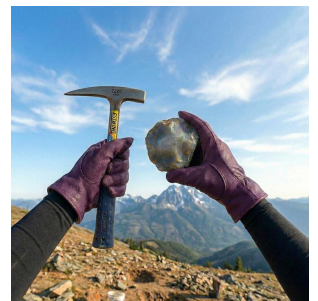
I hope you've all had a chance to get out and look for rocks during the lovely weather we've been enjoying in July - it's been mostly perfect rockhounding weather. And for those of you who were able to come on the field trips led by our fearless wagon master Roger Danneman, I hope you found some good material. Big thanks to Roger for getting us all out there and helping us find beautiful rocks!

August is a bit of a break from the usual club meeting cadence - instead of having our club meeting on the second Thursday of the month, we'll instead have our Picnic Potluck on Saturday, August 15. We'll be at a new location this year, at Gene Coulon Park in Renton - South 2 Pavilion, so we will have shade. Setup begins at 10:30, with the picnic from 12 to 4. We will have the basics - plates, napkins, silverware, cups - please bring something that you want to share that is already cooked and ready to go. The shelter does have electricity too, and parking is nearby. We encourage you to get there early so that parking will be available.

You can bring drinks, salad, sandwiches, your favorite crock pot dish - whatever you want to share during this fun social event. Bring a comfortable chair for yourself too. And the best part - the Club Auction! Score some great deals on beautiful material. And if there is something you'd like to donate to the auction, even better.

We kick off the fall rockhounding season with two field trips in September - on the 12th to Frost Mountain, and the September 25-27 campout in Cle Elum, near Red Top and Crystal Mountain. What could be better than waking up to a rockhounding field trip with your fellow rockhounds!

Thanks to all of you for being members, and I hope to see you at the picnic!





Greenwater Field Trip by Roger Danneman

On Sat. July 11th & Sun. July 12th we took two trips into the Greenwater area for black agate, jaspers, and opal. Gorgeous weather both days with temps no higher than the mid-60s. I had a big response for the original 7/12 trip so asked who could go on 7/11, thus splitting the large group into two more manageable groups. Parking is a little tight there, but we found another spot for parking to keep in mind for next year. Both days the group dug up some beautiful agate/jasper material. Really nice specimens that I hope to see cut and polished someday.

The black agate site is deep in the woods off of FR7222. Each day we dug there for about 3 hours and then went to another slide/outcrop area for green/red jasper. Usually better pickings though, early in the season after snow has subsided. But I wanted to show everyone where the sites were.

The Sat. group of 26 (10 vehicles) consisted of Nichole A. with Ryan, Kuyler, & Allie, Blossom S. +2, Ken B. +1, Noelle B., Ben K. +5, David B. & Alexis W., Venessa L. & dog Lily, Curtis V. +1, Scott & Lauri M., guests Cynthia & Astor, and me.

The Sun group of 22 (15 vehicles) consisted of Jeff C. with dog Cooper, Brea P. +3, Aubrey S., Erin B. +1, John M., Paul J. group of 10, Justin K. +1, Chris V., Diane C., and me.





What did the metamorphic rock say during the test?
This is too much pressure.

from Mt. Baker Rockhound News, 12/25

Crystal Mountain Field Trip by Roger Danneman

On Sat. July 18th we went to Crystal Mountain north of Ellensburg for geodes, crystal plates, jasper, and agate. A beautiful clear day and clear air with temps in the mid-70's up at 4500 feet. We went to Geode Hill first. It takes a lot out of a person to sit and bust through the soft basalt under the hot sun. Breezy, dusty, and no canopy there but very nice views. I only collected some surface agate there. After about 2 ½ hours we went to the 2nd site to dig for agate/jasper/crystal. That site yielded some nice material with colors of dark blue, green, red, and orange. The road going in has a couple of spots that when muddy make it impassable, so I'm not sure if we'll get in there next Oct. Might have to substitute another location.

The group consisted of 25 people in 13 vehicles:

Annie S. and dog Tess, Venessa L., Nicole A. family of 4, Jeanie L., Blossom S. family of 4, Jeramy P., Matt C., Arleaha W. group of 4, John M., Alexis W. & David B., Chris V., Zach S. +1, Martha C., and me.

Remember our CMS summer picnic this year is at Renton Coulon Park South Shelter on Saturday Aug. 15th. Details came out by e-mail on July 13th. Set-up is at 10:30 with Potluck at 12:00 and auction of club donated rocks and items to follow. It's a popular park on summer weekends, so best to get there early for parking.

Other than the picnic, there are no scheduled trips in August. If a trip should arise, I'll send out an announcement.





Barite

Barite is primarily made up of Barium Sulfate (BaSO_4). Barite is generally easy to identify. It is one of just a few nonmetallic minerals with a specific gravity of four or higher (4.5). Combine that with its low Mohs hardness (2.5 to 3.5) and its three directions of right-angle cleavage, Barite can usually be reliably identified with just these three observations. Barite appears in various colors, including white, yellow, blue, gray and can form in different crystal shapes, such as tabular, rosette, or bladed crystals.

Barite is commonly found in sedimentary rocks and as a result of marine sedimentation and in hydrothermal veins and is a gangue mineral associated with sulfide ore veins. It is found in association with ores of antimony, cobalt, copper, lead, manganese, and silver. There are many worldwide localities of fine Barite specimens. Some of the more noteworthy include Mibladen Mining District, Morocco, Cerro Warhuyn Huanuco, Peru, Rock Candy Mine, Grand Forks, Canada and various localities in China. US locations include Golden yellow Barite crystals from Elk Creek, South Dakota, Palos Verdes, California, Linwood, Iowa, and Stoneham, Colorado.

Most barite produced is used as a weighting agent in drilling muds for the petroleum industry. Its high density prevents blowouts by counteracting upward pressure. This flow of fluid cools the drill bit amongst other beneficial things. That is what 99% of the barite consumed in the United States is used for. Barite is also used for x-ray shielding as it has the ability to block x-ray and gamma-ray emissions.

from Mt. Baker Rockhound News, 2/26

Why was the sedimentary rock collection so cheap?

Because it was on shale.

from Mt. Baker Rockhound News, 4/26

Young Tumblers News

Rock Bucks

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

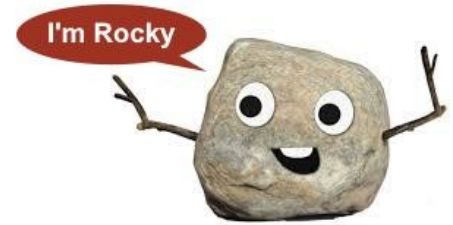
Earn \$3 "Rock Bucks" to attend a meeting.

You can earn an additional \$5 in "Rock Bucks" if you bring something for Show 'n Tell and tell us about your item.

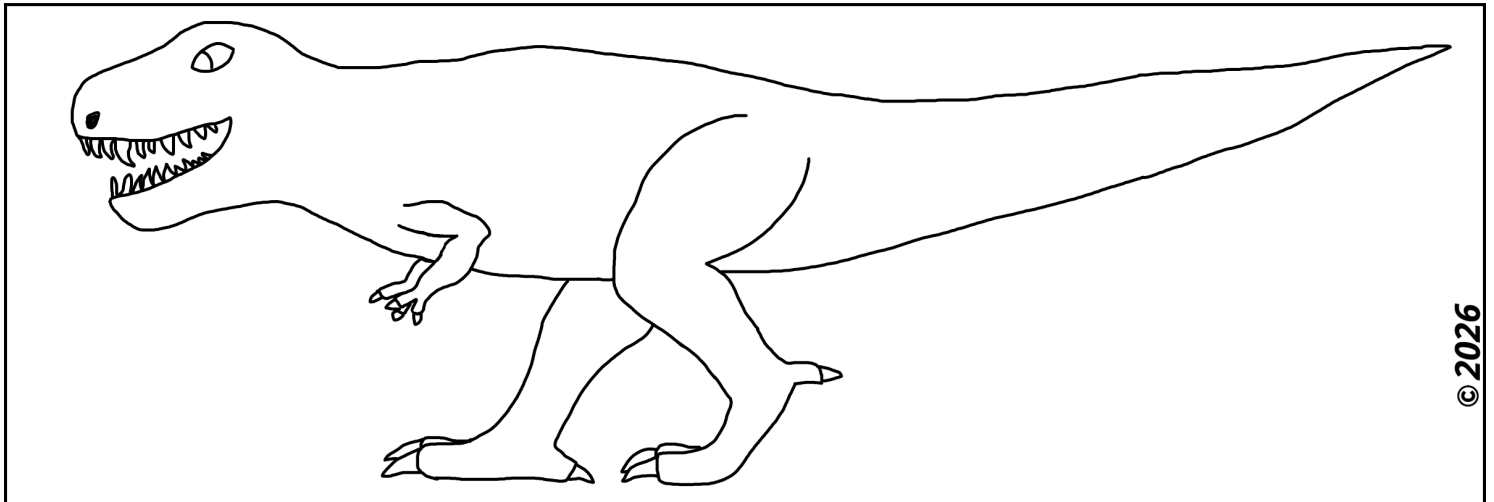
The "Rock Bucks" can be spent like real money at our meetings or club auctions.

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!



Tyrannosaurus Arm Comparison by KAM



Compared to its 40 foot long body, a Tyrannosaurus' arms are small, but they are 3 feet long, which is the same as an adult human arm. So the next time you hug an adult, just imagine you are being hugged by a Tyrannosaurus.



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>).

- August 15** *Cascade Mineralogical Society* Annual Picnic – this year at **Coulon Park in Renton** - Pot Luck and Auction Difficulty Rating 0-1. This is the easiest field trip of the year. Site is next to Lake Washington.
Roger Danneman – CMS Field Trips Guide (roger.danneman@gmail.com; 425-757-3506 texts preferred)
- August 15-16** *Puyallup Rock & Gem Club* – **Greenwater** - Agate, Jasper, Opal - Bring digging tools, chisel, small pry bar, and a rock hammer
Paul Haak pvhaak@gmail.com (253) 312-1743

Save the Date - August Potluck Picnic & Club Auction

Our August meeting is our annual summer picnic - there will be no Club meeting at the American Legion hall. Details are below!

Date: Saturday, August 15

Time: 12-4 (setup begins at 10:30)

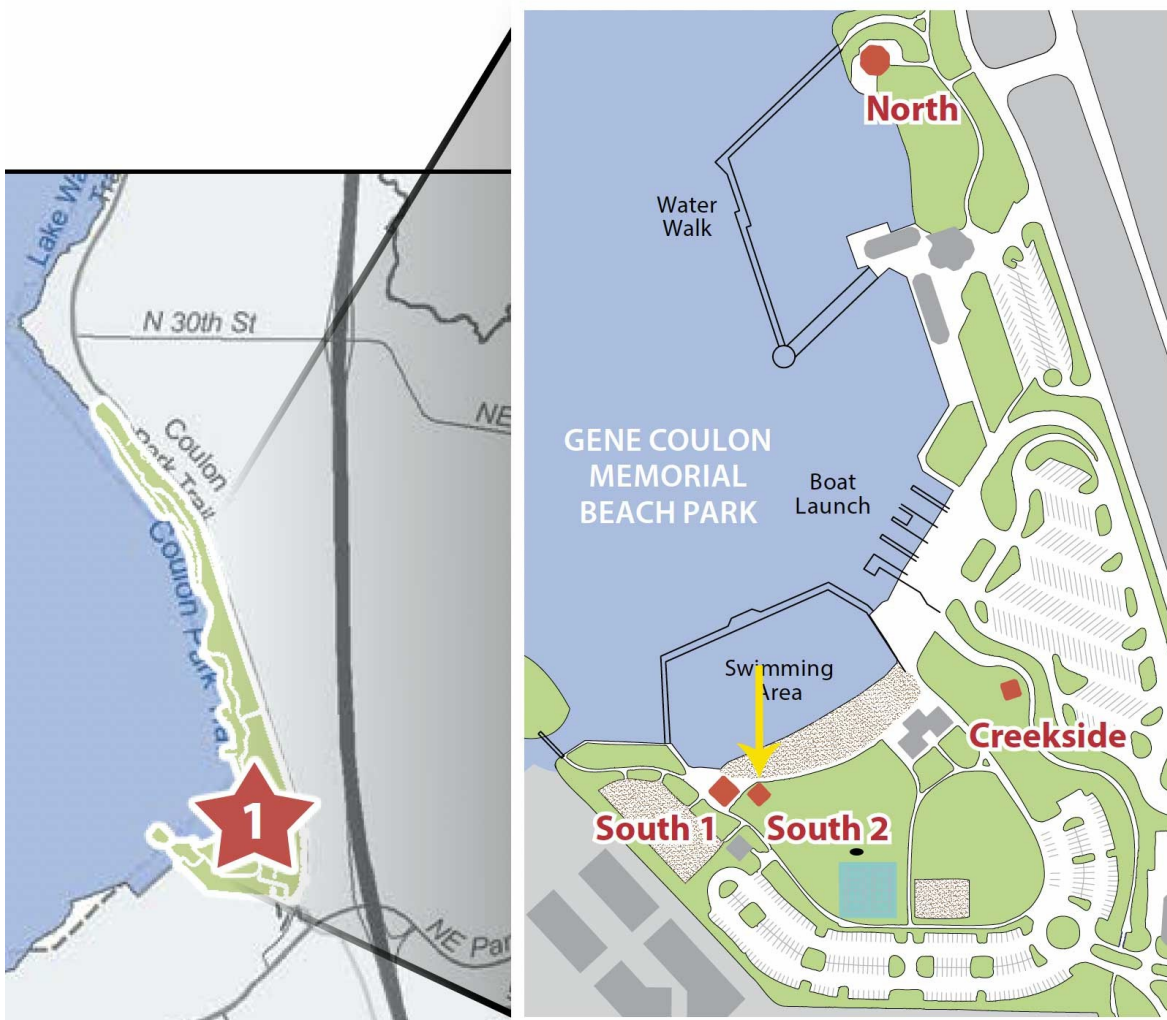
Location: Gene Coulon Park, Renton - South Shelter 2 (see map below)

We will have the basics - plates, napkins, silverware, cups - please bring something that you want to share that is already cooked and ready to go. The shelter does have electricity too, and parking is nearby. We encourage you to get there early so that parking will be available.

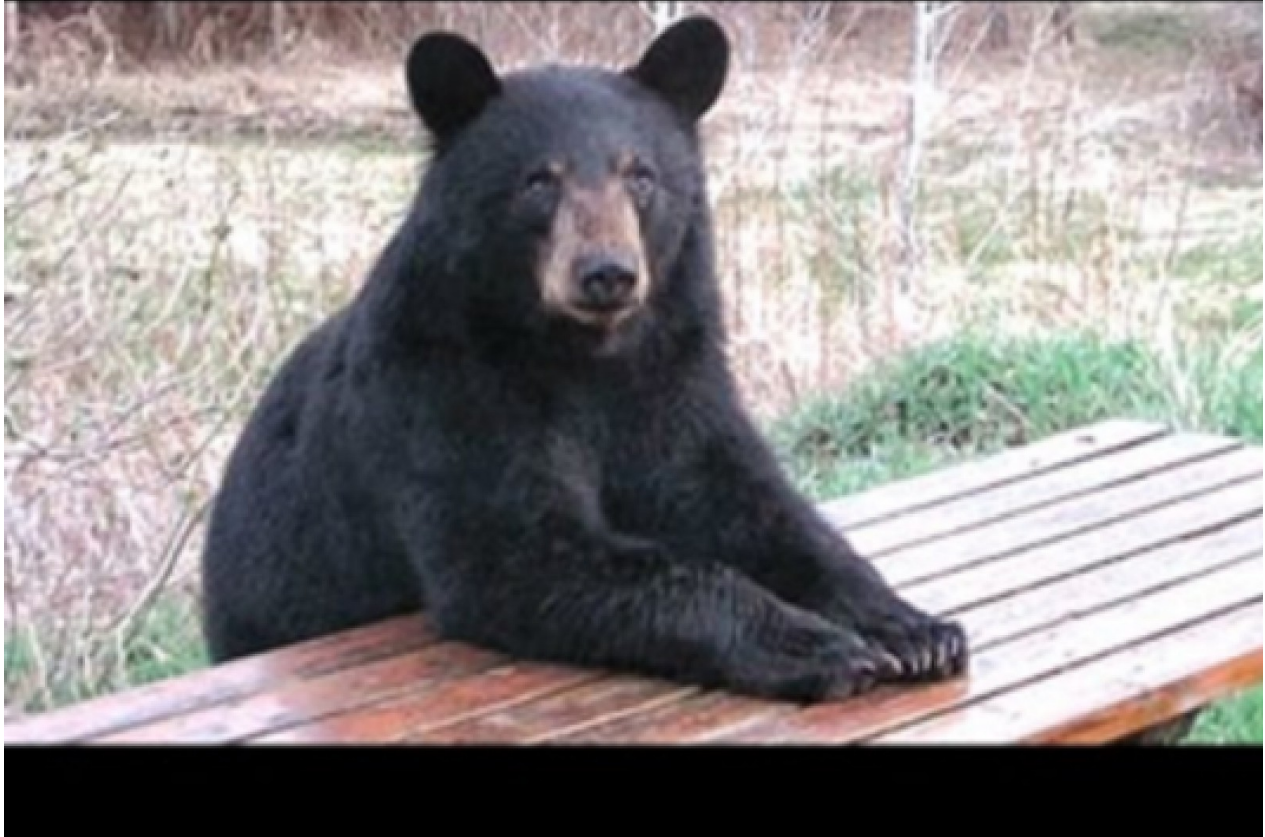
You can bring drinks, salad, sandwiches, your favorite crock pot dish - whatever you want to share during this fun social event. Bring a comfortable chair for yourself too.

And the best part - the Club Auction! Score some great deals on beautiful material.

See "South 2" below for the location of the picnic.



Where is everyone? I am ready to eat!



Shows & Sales

August 7 & 8: Friday & Saturday 9:00 am – 3:00 pm
Everett Rock & Gem Club, Rockhound Pre-Estate Blowout Sale
12224 42nd Ave. NE
Marysville, WA

August 8 & 9: Saturday & Sunday 10 am – 5 pm
Maplewood Rock and Gem Club, Annual Summer Rock and Mineral Sale
Maplewood Clubhouse
8802 196th St SW
Edmonds, WA

August 15: Saturday 9 am – 4 pm
Shelton Rock and Mineral Society, 16th Annual Tailgate Rock Sale and Swap Meet
MCRA
2100 E Johns Prairie Rd
Shelton, WA