

The Petrified Digest
P.O.Box 303
Wenatchee, WA 98807
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Ginkgo Mineral Society, Inc.

The Petrified Digest



Meetings Are Cancelled Until Further Notice

The Executive Board did not delegate a three person committee in October to pursue candidates for November elections for 2021 officers. Due to the pandemic, the Ginkgo Board will continue with the present officers until such time as we can safely gather and vote on positions. Hopefully it will not be too long. We miss our rockin' friends!

Ginkgo Club Meetings:

3rd Tuesday of each month
Faith Presbyterian Church
200 S. Kentucky Ave
East Wenatchee

Next meeting
Unknown

Email ideas, trip notes, or photos to:
ginkgonews@yahoo.com

or to wonderstar@nwi.net

Web page: www.wenatcheerockclub.org

Face Book page: Ginkgo Mineral Society

Officers

President	Steven Douglass	509.885.2213
Vice President	Carol Smith	509.884.3349
Secretary	Bob Spurrier	509.881.8096
Treasurer	David J. Earhart	509.860.0988

Coordinators

Field Trips	Open	
Shop & Equipment	Carl Pederson	509.884.6940
Program/Education	Carol Smith	509.884.3349
Social	Marge Porterfield	509.679.3440
Chelan Fair	Dan Hanson	253.318.6616
Museum	Richard Congdon	509.886.2410
Newsletter	Dan Hanson	253.318.6616
Website	Val&Paul Hampton	509.884.3578
Rock Auction	Bob Spurrier	509.881.8096
Christmas Wrap	Pam Lander	509.884.5135
Nason Creek	David J. Earhart	509.860.0988

Grit for club members



Graded 30	\$4.00 lb
Ungraded 60/90	\$4.00 lb
Graded 220	\$4.00 lb
Graded 600	\$4.00 lb
Polish	\$7.00 lb



The **Ginkgo Mineral Society** was formed to promote the education of mineralogy and geology; to encourage the collecting of rocks and minerals; to provide field excursions to mineral collecting areas; and to promote interest in lapidary work.

Dues: Individual—\$20.00 Senior—\$15.00 Family—\$30.00 Lifetime (20+ years) - Free

Please mail your dues to Ginkgo P.O.Box 303, Wenatchee, WA 98807

Club information cards are available to handout to folks who show interest in our hobby. See David Earhart for cards to carry with you.

Shop Talk

The Ginkgo Club workshop is located at Christy Price's home: 4325 Squilchuck Rd., Wenatchee. Take the Squilchuck road toward Mission Ridge and turn left on Cranmer Road then an immediate left to the driveway. Check the Ginkgo Mineral Society Facebook page to see if someone may be opening the shop. **Club officers and the shop foreman have a key to open the shop.**

Coming field trips (There is only one field trip listed by the Washington state Mineral Council newsletter) For info contact Ed Lehman at wsmced@gmail.com h#425.334.6282 c#425.760.2786

Date	Host	Site	Meeting place & time	Material	Tools
11/21/20	DARR	Blanchard Hill	I-5 Exit 240 Gas Mart 9 am	Dalmatian stone & chert	Hard rock tools

President's Message

Hello Rockhounds.
I really don't have much to say. I hope you enjoy our coming winter and are able to work on whatever projects you have in mind. Take care of yourselves and Happy Thanksgiving.

President,
Steven Douglass

It's a great pendant, Bill!



But it's a mite heavy!

Secretary's Report No Meeting – No Minutes

Treasurer's Report for November

Savings Account

October Interest	0.49
Ending Balance	\$11,796.65

Checking Account	10/01/20	Beginning Balance	\$1,368.97
		2 Deposits	63.00
		(Shop fees & 2 new memberships)	
		Newsletter printing	<u>(43.08)</u>
	10/31/20	Ending Balance	\$1,388.89

Notes: Memberships for the year 2021 can be made now! As per the monthly newsletter: Family \$30.00, Individual \$20.00, Senior \$15.00 Mail your check to Ginkgo P.O. Box 303 Wenatchee, WA 98803 Or hand cash to David at 1255 S.E. 1st St. East Wenatchee

Our newest members as of October 2020 are the Wayne Latimer family, aka Latimer Chiropractic Clinic (where Steven works) and our good buddy, Ken Sly from Ephrata, aka gold prospector expertise. Welcome to the club. Wish we could rockhound together.

Marcia and I went to the Beehive area to take pictures of the yellow tamarack trees. We also drove up north of Leavenworth where I picked up a small rock of "blue schist" that was once ocean bottom. (**Ed Note-** Nick Zentner's latest video was about the blue schist on the east side of the Cascades Mountains.)

If you change address or email, let us know so you'll keep the newsletter coming!

Market place

Have something other club members might like and you want to sell?

Send picture(s) and description(s) to Dan Hanson – wonderstar@nwi.net

Ellensburg Blue
by Carol Smith
509.884.3349

Pendants, traditional cabs and freeform in 14k gold or sterling silver wire wrap. A few select rings and several pieces of the rare lavender blue. Prices vary by carat weight and color.



Hand painted
Columbia River Stones
by Carol Smith
509.884.3349



Do you know

the difference between agate, jasper, and chalcedony? In the strictest sense, agates and jaspers are chalcedonies! And in an even stricter sense they are all varieties of quartz. All are composed of silicon and oxygen with various inclusions or other minerals that give color and design to the rock.

Agates

There is no comprehensive list of all possible names for agate, because old names number in the hundreds and new names are coined frequently, mostly with no involvement by scientists who go through the rigors of properly classifying the rocks. Some variety names are generally used by rock hounds and dealers, but there are many made up by dealers to describe a locality or other characteristic. You probably know some trade names like Ellensburg Blue and Holly Blue. Some of the more common descriptive names for agates are blue lace, moss, plume, and fire. There are many location names used for agate names like Mexican Lace, African Blue Lace, Lake Superior, Fairburn and even Botswana.

Many agates form in areas of volcanic activity where waters, rich in dissolved silica (SiO_2), flow through fractures and cavities in igneous rocks. When the solution is highly concentrated with dissolved silica, a silica gel can form on the walls of these cavities. That gel will slowly crystallize to form microcrystalline quartz that would be semitransparent. Impurities in the solution cause color and can produce banding. Crystallization of foreign (non silica) materials is what forms the plumes, dendrites, or mossy structures that you see in translucent agate.

Jasper

Just like agates, jaspers have hundreds of old names and new descriptive names used by rock hounds and dealers. Names of jasper are quite often associated with localities and mines such as Biggs, Owyhee, Egyptian, Cave Creek and even Russian. Some of the common descriptive names include poppy, brecciated, picture, and snake skin.

While agate is typically a material that forms in the cavities of an igneous rock or limestone, jasper often forms when fine particulate materials are cemented by silica. This often occurs in soft sediments when silica precipitates and cements them into a solid mass. These included particles are what give jasper its color and opacity. Jaspers are also known to form when volcanic ash or fine pyroclastics are cemented into a solid material from the precipitation of silica from solution.

So:

"Chalcedony" is a name that is based upon two things: 1) crystal size, and 2) composition. Chalcedony is a microcrystalline quartz.

"Agate" is a name based upon three things: 1) crystal size, 2) composition, and 3) light visible through it. Agate is a microcrystalline quartz with translucency.

"Jasper" is a name based upon three things: 1) crystal size, 2) composition, and 3) light doesn't pass through it. Jasper is a microcrystalline quartz that is opaque. It is opaque because it contains enough non-chalcedony material to interfere with the passage of light.

Getting to know you – Dena Murren Hanson

As a child, her family hunted Indian arrowheads and petrified wood along the Columbia River. Her parents joined Ginkgo in the early 80s so Dan and she attended many meetings when they came home for weekend visits. She rejoined Ginkgo as an official member about 4 years ago. Her dad built their first family home and built an outdoor fireplace in the backyard that had a petrified wood veneer. Her favorite stones are carnelian agates and opal. Tumbled and collected stones are displayed throughout the house in clear jars, vases, and other containers. Her parents were very active members in the club holding offices and participating in the spring talent shows. Club members wore pink vests with the club logo on the back and various pins from other clubs on the front. Vests were worn at the Apple Blossom rock show at the Armory, the Chelan County Fair, and various other service events and were recognized throughout the county.



Getting to know you – Tony Marconi

Tony grew up in Ardenvoir, WA in the 60s and 70s. He was always climbing mountains and collecting rocks. His first major find was a load of mica. He also discovered a mineral spring on the Mad River. Amethyst is his favorite rock – at least for this week. You will see specimens in his collection displayed throughout his home. He is hoping to learn from the “old timers” in the club. And he enjoys watching Nick Zentner on YouTube.

News of Note

You might find this website interesting: <https://www.gemologyonline.com/bigframe.html>

From the intro page: “The long history of gemstones and their use is lost in the mists of time. Our oldest ancestors sought all sorts of stones, because of their solidity and hardness, to make tools and weapons for everyday life. At the beginning of the Neolithic period, men could already distinguish between certain sparkling, or richly colored stones, to which they attributed supernatural powers. These powers could be enhanced by engraving the stones with magical signs. By the end of prehistoric times, such stones had become the first medium of exchange between the desert nomads and the settled farming communities. Valued for their magical properties, rather than their beauty, these gems were not articles of luxury but everyday necessities.”

This site lists most of the names of gemstones along with pages and pages on other topics such as: Synthetic vs. Imitation, Official State Gems of the US, Mohs Scale of Hardness, and many more.

Editor's Note:

If you have any activities you are doing at home and would like to share or ideas for me to research, please send me an email. Also if you have questions about anything in the newsletter, I would like to know that also. I am open to any comments, questions and criticism. Stay safe!

