

The Petrified Digest

P.O.Box 303

Wenatchee, WA 98807

Published monthly by:
Ginkgo Mineral Society, Inc.



Green Jasper



*In Washington, **Green Jasper** can be found on the beaches of the Pacific Ocean, Puget Sound, and many rivers. It tumbles well and can be cut and polished into cabs, beads, and other shapes.*

January 2022

Next Meeting: January 21, 7 pm
Presbyterian Church
200 S. Kentucky East Wenatchee

**Look what's coming
on page 2**

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

January Pizza Party

The Friday, January 21st Club meeting will be the annual pizza party. The Club will provide the pizza and salad. Bring your own drinks. And cookies are always welcome. The meeting starts at 7 pm.

From Atop the Rock Pile – Carol Smith

I would like to thank Pam Lander for the terrific job of overseeing the Christmas wrap fundraiser. She organized setting it up, got volunteers and worked off and on the whole week. She made runs for more supplies and did after Christmas shopping for next year's event, at a great savings for the Club. It was our biggest fundraiser in years and exceeded our highest auction event!! She had a great crew wrapping, lots of fun, visited with the public and had an all around a good time. Thank you Pam, you are appreciated and congratulations on a job WELL DONE!!



Vice President
Carol Smith

From the Scribe – Carol Turner

The annual Christmas party included a lot of great food and drinks, provided by the Club and by members who attended. The Christmas gift exchange was lively, with some interesting new rules. The most popular gifts were "stolen" more than once! It was a fun evening, and we look forward to another great year of rocking together!



Photos by Carol Smith with help from Marcia Summers

From the Vault – David Earhart

CD	12/1	\$10,033.82
	4 th qtr interest	<u>11.25</u>
	Total	\$10,045.07
Savings Account with interest	12/31/21	\$1,798.19
Checking Account	12/1/21 Beginning Balance	\$1,913.33
	9 Deposits	\$1,947.85
	9 checks written	<u>(\$1,655.61)</u>
	12/31/21 Ending Balance	\$2,205.57

Notes: Deposits – memberships, Christmas wrap
 Checks – Christmas party, Christmas wrap supplies
 rent, grit, liability insurance, website, newsletter, P.O.Box

Treasurer
 David Earhart

Notes: We now have plenty of grit and polish at the shop.
 You can pay for your 2022 Ginkgo Membership now. Send money!

From the Crowd

David Earhart: A big “Thank You” to Pam Lander for leading this year's Christmas wrap fundraiser. You won't believe how well we did! Yes, the gross donations totaled \$1,824.85. The gift wrapping started December 18th and ended Christmas Eve. The schedule was from 1:00 pm to 5:00 pm with some members staying later for last minute shoppers on Christmas Eve. Also Thank You to all the members who participated in this event. Supplies purchased this year totaled \$165.00 leaving a net income of \$1,659.85



Marcia Summers: We thank the management at Valley Mall for allowing our Club to use their tables and chairs in the north end of the Mall. It was a successful event making over \$1,800. Thanks to the hard working membes for this success:

Carol & Darrell Smith, Steven Douglass, Kirk & Tabatha Holman, Pat Russell, R. John Montgomery & Teresa, Kirk Laird, Brenda Jackson, Dave & Pam Lander, David Earhart, Marcia Summers, Chris Clausen, Jodi Rose, Megan Finley



Gregg Stanford: Cheney member Gregg has been collecting, shaping and polishing stones for the centers of the trivets he weaves from pine needles and yarn. So far he has made several dozen trivets but his daughters keep claiming them. He says the trivets take so much time that he can't afford to sell them. Beautiful work Gregg



Susan Oglebay: Ephrata member Susan has been busy wirewrapping stones this fall and winter. Here are some samples of her artwork. She is also wondering if any members have recommendations for lapidary/jewelry books that any of you would share in the newsletter. I hope she enters some of her beautiful jewelry in the Fair this fall.



Jasper, agate, and other hard stuff

Jasper and agate are both varieties of chalcedony. (There are at least three pronunciations of chalcedony on the internet: kal-seh'-duh-nee, kal-seh'-do-nee, and chal'-seh-do-nee with an initial “chall” sound like challenge.) However you pronounce the word, it is the generic name given to materials composed of microcrystalline quartz. “Quartz” is the name of a mineral composed of silicone and oxygen. “Microcrystalline” means that the quartz crystals are microscopic. Other types of quartz have larger crystals - some up to many feet across. Most chalcedony has a hardness of about 7 on the Mohs scale so it is very durable. That's why it has been used throughout history for jewelry, tools, and weapons.

An agate form of chalcedony is translucent to semitransparent. If you hold it up to light, some of the light will show through around the edges or even through the entire stone. Agate is generally banded due to the process it is formed. Agate forms in areas of volcanic activity where waters rich in dissolved silica flow through fractures and cavities. The silica solution can form a gel on the walls of the cavities and slowly crystallize. Impurities may be incorporated into the gel and give the microcrystalline quartz different colors in alternating layers. Some impurities can form plumes, dendrites, or mossy structures in the agate. However, some agate doesn't appear to have bands and can be very desirable like Ellensburg Blue.

Jasper differs from agate because it is opaque. Microcrystalline quartz in pure form is semitransparent. When a small amount of impurities or foreign material is added the microcrystalline

quartz loses its ability to transmit light. Jasper has enough impurities to make it opaque. While agate is typically formed in cavities of igneous rocks or limestone, jasper often forms when fine particles are cemented together by silica. These particles give the jasper its color. A sedimentary material known as chert forms in extensive bedded deposits. It is also an opaque variety of chalcedony that can be called “jasper.” Some jasper is also known to form when volcanic ash is cemented into a solid material from the precipitation of silica from solution. The cementation process is sometimes so aggressive that the sediment, ash, or volcanic particles in solution recrystallize into microcrystalline quartz.

Jasper names

In doing research for this article, I found over 50 unique names of jasper. Many names come from the locality where the stone is found. Biggs jasper is found near Biggs Junction, Oregon. Rattlesnake jasper comes from the Rattlesnake Jasper Mine in Nevada. Cherry Creek jasper comes from the Cherry Creek valley in China. Other jaspers are named for their visual characteristics. Leopardskin jasper has spots that reminded someone of leopard skin. When Picture jasper is cut, many folks see hills, streams, and other “pictures” in the exposed surface.

However some “jasper” isn't really jasper at all. Damatian jasper is a white rock with lots of black spots that is frequently dyed outrageous colors. It is actually an igneous rock composed of tiny grains of white feldspar with black grains of hornblende. Picasso jasper reminds folks of an abstract painting but it is actually a dolomitic marble mined in Utah.

Ultimately, if someone gives a rock a name and you like the rock, get it and enjoy it.

Market place



Custom Ellensburg Blue jewelry Contact Carol Smith 509.884.3349 for these and other fine items



Richardson High Speed Dry Sander ½ hp 120 vac motor. \$445.00 Uses a 7-inch silicone carbide paper disk available from Richardsons at 541.475.2680



Richardson Buffer – ½ hp 120 vac motor. 12-inch leather buffing disc. \$345.00

Contact Don Deycous at 509.754.2946 if you are interested in these items.

Officers

President	Steven Douglass	509.885.2213
Vice President	Carol Smith	509.424.2161
Secretary	Carol Turner	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	Dan Hanson	253.318.6616
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. Christy asks that we don't use the shop on holidays but any other time is fine. 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.

Washington State Mineral Council

For more information:

mineralcouncil@zoho.com or <https://mineralcouncil.wordpress.com>

February 2022 12 th 9am-5pm 13 th 9am-4pm	Whidbey Island Gem Club	Annual Gem Show	The Center in Oak Harbor 51 Jerome St
March 2022 11 th 8:30am-6pm 12 th 9am-5pm	Panorama Gem & Mineral Club	Annual Show	Stevens County Fairgrounds Ag & Trade Center 317 West Astor Colville, WA