

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

The Petrified Digest



Ginkgo Club Meetings:

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

Next meeting

Tuesday, February 18, 7 PM

Email ideas, trip notes, or photos to:

ginkgonews@yahoo.com

or to wonderstar@nwi.net

Web page: www.wenatcheerockclub.com

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	Open	
Program/Education	Carol Smith	509.884.3349
Social	Marge Porterfield	509.679.3440
Chelan Fair Booth	Open	
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



Ginkgo Club Shop

The shop is located at Christy Price's home: 4325 Squilchuck Rd., Wenatchee and is usually open on Saturdays. **Please call Pam Lander at least 24 hours in advance to see if shop will be open.** Check the Ginkgo Mineral Society Facebook page to see if someone else may be opening the shop at other times during the week. **Also all of the officers have a key to the shop.**

Directions: from the intersection of Mission & Crawford Streets at Lincoln Park in Wenatchee, it is 4 miles up Squilchuck Road. Turn left on Cranmer Road and take an immediate left onto Christy's long driveway. The beige building with garage doors is the shop.

Calendar of coming events

February	18	Club meeting
March	17	Club meeting
March	27 - 29	Spokane Rock and Gem show - Rock Rollers Club of Spokane
April	4 & 5	NCW Propsector's Gold Treasure and More Show - Cashmere
April	24 - 26	Yakima Rock & Mineral Club Annual Gem & Mineral Show
May	12-15	Nason Creek - mark you calendar

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

It's OK to bring your dues to the meeting or mail them 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.

President's Message

No Message

Coming Program, Refreshments, and Events

No Report



Minutes of last meeting

“There where 4 visitors.

Carol gave the program. It was about Peridot and talked about getting the family together with rocks. Peridot has a hardness of 7. Carol also talked about fact that Peridot is gem quality Olivine and there is more Olivine in the Earth then Diamonds.

Several members brought their finds for show and tell.

Ron Payne had some Crystal mountain finds, Riverside finds, Poke a dot mountain Bat cave jasper, and Klamath (sc) falls fire opal.

Steven told a story about rocks from Trona, CA. Don told a story about finding dinosaurs bones in Utah. Carol showed some polished rocks from a far off land. Darrel showed his grocery store finds while on break out side. Marcia showed some 32nd St. finds from East Wenatchee. David showed Saddle mountain polished rocks and gave some away to members that wanted one. Rex showed some Utah finds Septarian geode, orange Horn coral, Fossil shells for giving to members that wanted one, and Utah state gem stone is Topaz from Topaz mountain in Utah.

Door prize went to Danny McGregor

Raffle was won by Tabatha Holman

There where no mins.

Treasurer's report was read by David and approved.

Committee leader reports, Kirk & Steven reported that the shop machines are doing good and that 3 machines needed repaired and parts on order. Steven Also reported a new shop belt sander is going to be ordered soon.

David talked about club members need sign up for the snacks each month.

Larry Talked about the NCW Prospectors Annual gold show and if Ginkgo club was going to purchase a booth this year. He also talked rocks that we could get on the Gold clubs claims.”

Secretary,
Bob Spurrier

Treasurer's Report for last month

No Report

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

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Did you know

lapideon (n) music - an instrument comprising of a series of flint stones hung in a frame and played on with a mallet (from last month's "Did you know")

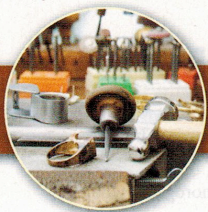
Legend has it that Confucius heard some Chinese music that so moved him that he did not take food for 3 months. The music was performed on the *ch'ing*, said to be the first instrument in history to utilize musical stones. There are several versions of this instrumental idea today using various rocks. Agatized palm wood has been made into bars and mounted similar to a xylophone. In Arizona, *clinkstone* (augite-phonolite) can be found in the Hualpai Mountains. Phonolite is really a group of volcanic rocks that produce a pleasant ring when struck with a mallet. A type of limestone from northern Nevada has a resonance or hum when struck. But of all the materials used for musical rocks, the best is jade. Jade is the legendary material of the Chinese *ch'ing* that lulled Confucius into his temporary state of fasting because it always seems to retain exactly the same pitch regardless of the humidity or temperature. Different notes are produced by varying the thickness of the stone, not the size or shape. Perhaps one of our members could research and produce a single musical stone to be used at meetings instead of the gavel.

Other stuff of interest

2020 WSMC SPONSORED FIELD TRIPS

The WA St. Mineral Council plans guided fieldtrips to collecting sites. Open to member clubs, and the general public. Most trips are free. Included are the Pow Wow trips (must join to go on trips). Host clubs and contact persons will be set up as I gather info. For updated info, go to mineralcouncil.wordpress.com or contact Ed Lehman at wsmced@hotmail.com or h ph# (425) 334-6282 Cell# (425) 760-2786. Pow Wow Dues are \$7.50 each or \$15 a family. They supply 3 free breakfast's on trips (what a deal).

Date	Host	Site	Meeting place and time	Material	Tools
02-15	MSVL	Walker Valley	Big Lake Store 9am	Geodes & Agate	Hard Rock tools
03-21	MSVL	Beaver Valley	Beaver Valley Rd Info Center	Geodes, Zeolites & Calcite	Hard Rock tools
04-04	DARR	Racehorse Creek	Hwy 542 @Round About 10 m I-5 9am	Fossils & Morell mushrooms	Dig & Lt Hard
04-18&19	POW	Saddle Mt Mattawa	Boat Launch 8am	Petrified Wood	Dig & Hard Rock
05-09	DARR	Cascade River	Marblemount @ 9am left turn	Talc, Listwonite etc (small fee)	Hard rock tools
05-23	DARR	Red Bridge Verlot	Verlot Ranger Station 9am	Rainbow Chert. Concretions	Light Hardrock
6-23 to 28	POW	Madres Oregon	Jefferson Fair Ground 8am	Agate, Jasper, T-eggs, Wood	Dig & Hard Rock
06-27	MSVL	Saddle Mt	Mattawa W Mattawa Lepricon Market 9am	Petrified Wood maybe Opal	Dig & Hard Rock
07-20	DARR	Sweetwater	Darrington Rock Show 11am	Travertine, Sauk R Bars	Dig & Hard Rock
8/15&16	PVGM	Greenwater (Sat BBQ)	Enumclaw Ranger St. 9am	Agate, Jasper, Opal & Wood	Dig & lite hard rock
9/12&13	POW	Red Top/Teaaway	Teaaway @ Middle Fork Campground 8am	Geodes, Agates, Jasper & Jade	Dig & Hard Rock



BENCH TIPS

by BOB RUSH

Black Turkish Stick Agate



I chose a rough piece with the best images of the sticks and cut parallel to it.



I selected a .10 inch-thick slab with some unique and fascinating stick images.

In the past few months, I have acquired some rough pieces of Black Turkish Stick agate. Their outward black appearance is unremarkable and not indicative of what might be lurking inside. The first piece I had acquired had a cut surface that the dealer made to determine what potential the stone had. It didn't show much promise, so I got it at a discount, though it was still a bit pricey at \$40 for the 1-pound piece.

The material was new to me, so in the beginning, I didn't know what to look for when deciding which way to orient the piece for the first and subsequent cuts to get the best patterns. I looked for any hint on the surface, and



I could have laminated some white agate behind the Turkish stick agate, but left it as a doublet.

there were a few sticklike features on some sides, but not a high concentration of them. I chose one piece with the best images of the sticks and cut parallel to it.

The first slab after the end cut was made with the typical thickness of about 0.187 inch (4.77 mm), and though some stick patterns were visible, it was too dense to get a good pattern. Next, I tried cutting a slab that was 0.125 inch (3.15 mm) thick. It got better results in showing the stick patterns, but it needed to be backlit to see the pattern well. I kept cutting the slabs thinner and thinner until I was at 0.05 inch (1.25 mm) thick, and the results were rather striking.

This is about as thin as this material could be cut and still be a working slab of material. Slabs much thinner than 0.125 inch thick will have to be laminated to some other material to ensure that it is durable enough for cutting into a cab and mounting into jewelry.

I finally ended up selecting a slab that was

.10 inch (2.75 mm) thick that had some unique and fascinating stick images. An image of the letter "A" stood out from the rest of the sticks. I made this the center of my cab. I laminated a lab-grown quartz crystal slice of similar thickness to the top of the thin slab to make a doublet. I contemplated also laminating a piece of white agate behind the Turkish agate, but for this project I decided to leave it at a doublet. I cabbled the doublet using the standard cab-making steps, taking the precaution of being very careful not to overheat the top quartz layer. This material is very prone to heat stress fracturing. 💎

Bob Rush has worked in lapidary since 1958 and metal work and jewelry since 1972. He teaches at clubs and at Camp Paradise. Contact him at rocksbob@sbcglobal.net.

