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Dusty Rocks

**JUNE
2019**

ROCK AND ARROWHEAD CLUB

P.O. BOX 1803

KLAMATH FALLS, OR 97601

www.klamathrockclub.org



DUSTY ROCKS

Rock and Arrowhead Club ~ Klamath Falls Oregon



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NFMS Delegate: Alyssa Carnes

Member @ Large: Leah Stump

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Webmaster Denise Sebastian,
nicee1214@gmail.com Send your items for
sale, photos, adventures, etc

Committee Chairs

Sunshine.....Chris Chance
Program.....Kristin Sayles
Greeter/Door Prize.....
Refreshments.....Chris Chance
Historian.....Don Perryman
Librarian.....
Claims Rep.....Garwin Carlson
Field Trips.....
Black Light Display.....Marshall Curran
Show Chair.....Garwin Carlson
Asst Show Chair.....
Safety Officer.....Laura Limb
Publisher/ Webmaster...Denise Sebastian

Rock and Arrowhead Club Meetings are held at the Klamath County Museum Meeting Room – Main & Spring Streets, using the **West** entrance

Meetings are held on the 2nd Monday of each month at 7:00 pm with the exception of December when we have our Christmas Luncheon and Party **and after the March show, when the meeting is held on Tuesday.**

Visitors are cordially invited to all meetings. To join:

Dues are \$13.50 per year for singles, \$25 for couples/families

The club mailing address is:
PO Box 1803, Klamath Falls OR 97601

General Objectives of the Club:

To promote popular interest, knowledge and understanding in the various earth sciences, as in Geology, Mineralogy, Paleontology and Lapidary and other related subjects. To sponsor and provide means of coordinating the work and efforts of all persons interested therein.

Helping Others:

The club participates in the NFMS stamp program, saving large commemoratives, airmail, pre-canceled, and foreign stamps of all values. Proceeds from stamp sales will be used to benefit any charity deemed worthy by the NFMS Endowment Fund.

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THE NORTHWEST NEWSLETTER is published 11 times a year. Copies are sent to each member's household. The cost is included in your annual dues.

Two free copies of the **AFMS NEWSLETTER** are mailed to each member club. Subscriptions are available at \$3.50 for 9 issues. Send payment to:
American Federation of Mineralogical Societies
PO Box 26523 Oklahoma City, Ok. 73126

We are affiliated with

- Northwest Federation of Mineralogical Societies
- American Federation of Mineralogical Societies

Newsletter Editors

Chris Chance 541-891-3608
& Linda Stroope 503-393-5025

Visit Us At www.klamathrockclub.org Contact Webmaster Denise Sebastian nicee1214@gmail.com for anything relating to our website Please e-mail mrsllas@ccountry.net to join & get on our email list.

Reference to use of arrowheads within our club is limited to flint napping activities during workshops, annual shows and personal creations. No gathering of arrowheads on field trips is authorized or suggested by any club members.

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From the President...

Hello Fellow Rock Hounds,

With Spring ending and Summer right around the corner I hope that everyone is ready to find the treasures that await. I had the opportunity to carry a "Special" rock for my grandson while we were mushroom hunting. He is 2 years old and already has the bug. I think it must be genetic. Take every opportunity to get out and enjoy our amazing earthly treasures whether it be forest, desert or coast and take your friends and family.

Rock on,

Your President
Laura Limb



Happy Birthday



Alyssa Carnes
Ashley Mora—NEW MEMBER!
Mark Chadderdon
Ken Davis
Erik Perryman
Colin Pope
Michael Watson
Bob Wilson

If we've missed you it's because our master list lacks your info. Help us update it, thanks!
Please contact Leah Stump

NEXT MEETING:

Monday June 10 7pm

Treats by Brian & Clarissa Wade

Save the dates!

Saturday Dec 14 RAC Christmas Party

**See Field Trips—dates & tentative dates,
Page 13**

Some Upcoming shows—pg 17



Rock and Arrowhead Club
Klamath County Museum
General Meeting Minutes of May 13, 2019



The meeting was called to order by Vice President, Denise Hard, at 7:00 pm, followed by salute to the flag.
Birthday greetings to all born in the month of May.

32 Members in attendance - Three door prizes were drawn

Welcome to guests – Diana Queen, Mike Clark & Ashley Mora. Mike brought in his father's collection of magazines and books, which will be added to the Club's library. He also has rocks available for those interested (539 Tory St)

Program: Jeff provided some interesting information on what and how rocks and crystals get their color.

Review of the April minutes - It was moved by Lacey and seconded by Kathi to accept the minutes as written. Motion carried.

Treasurer's Report – Robert Stroope gave the update on the RAC account.

Northwestern Federation (NWF) Report - Kathi Milem – no report

Sunshine Report - Chris Chance – Two members have passed; Patti Bennett's husband and Dale Clark.

Webmaster Report - Denise Hard– stepping down as she is the vice president -. A volunteer is needed to maintain the website. Contact Denise, if interested.

Newsletter - Linda Stroope and Chris Chance - Please share pictures and articles on your collection trips.

March, 2020 Rock Show Theme - It was moved by Robert and second by Jeff to have the theme as Red, White and Blue. Motion carried.

Club member field trips – Mike made it out to the BLM sunstone collection site. Said there were larger than usual specimens on the surface. Came home with quite a collection. Lacey went to Arizona and brought back petrified wood. Garwin shared picture he bought in Arizona that was done in stone.

Bob found more Yadenite near town. Mike and Denise attended the Grant Pass Rock Show, nice but small.

Club Field Trips: **We still need a volunteer to manage the club field trips and assist the leaders:**

Memorial Weekend trip to Hampton Butte cancelled due to predicted rain, which causes slicker, impassable roads.

June 21 - 23 - Sunstone collecting at the claim - Don Perryman is leading and will have signs out pointing the way.

July 6 Yadenite with the Klamath Museum - details to be posted

August 9 - Virgin Valley for opals - Lacey to lead - date to be confirmed

Tuledad—Sept 6,7,8 leader Robert Stroope

Old Business –

Executive board meeting: email to be sent to officers with date, location and time.

Dues clarification - need to be simplified

Minutes, cont'd

New Business:

Lacey advised that the Ross Ragland is having a summer event showing movies. She has suggested that the RAC sponsor a movie and that RAC could have a table display and offer to identify people's rocks. It was moved by Sue Neal and second by Jon that RAC sponsor a movie. Motion carried. Details to follow on the movie, the date and need for volunteers.

Next meeting: June 10, 2019 - 7:00 pm at the Klamath County Museum

Meeting Adjourned at 8:10 pm

Refreshments: by Cynthia Sheridan – thank you for providing the evening refreshments.

Respectfully submitted by,

Cheryl Lee, Recorder



Monthly meeting treat list for 2019

These are the members who signed up to bring treats to our monthly meetings and when. Additionally, there is *always* a reminder on page 3 of every monthly newsletter.

Jan	Don Perryman
Feb	Peggy Bieler & Cheryl Lee
Mar	Ken & Marolyn Davis
Apr	Garwin Carlson & Marshall Curran
May	Cindy Sheridan
Jun	Brian & Clarissa Wade
Jul	Sam & Chris Chance
Aug	Brian & Clarissa Wade
Sept	Tom & Cheryl Endicott; Leah Stump
Oct	Robert & Linda Stroope
Nov	Toni & Kurt Phillips

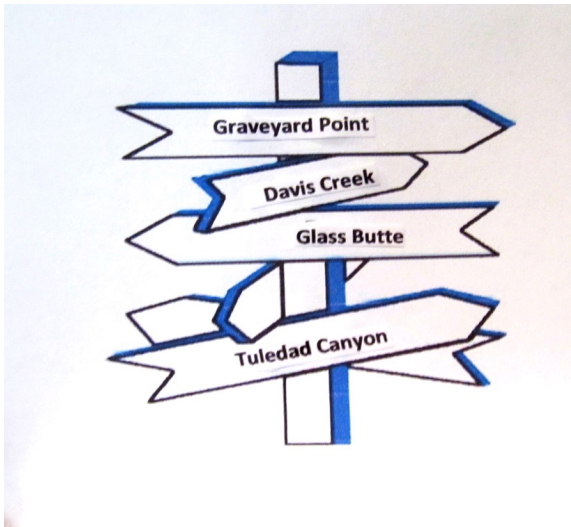
JUNE Word PUZZLE

Jewels and Gemstones

Find and circle all of the gemstones that are hidden in the grid.
The remaining letters spell a secret message.

T T S Y H T E M A H E N I R A M A U Q A
 E E R U B Y A C E E G D A N B U R I T E
 O T N L D E M I N N R J J U Z I R C O N
 B D I E I L B T O E E U L A R O C E A D
 I A I L H M E R T E O T B N S D W L H E
 I L G A O P R I S H N S I E O P E V I E
 R E O F M M S N D I V I L N L X E E D H
 E N B O M O M E O U N Y T E A I D R D R
 N I S E P O N A O D R Z T N I Z T A E N
 O P I D E A O D L E O I D R E S N E N F
 T S D O T O L N B I C R O T A P N A I R
 S T I N I Y D C S S I N I P A I R R T A
 N T A Y N L S I I T S L P E L A T E E N
 U D N X A I T R E T O H S A T O T J S H
 S E L R G E A A O I I N M R P A A G E L
 S T E F R V A N C R E R E A T D G E D R
 D M I A O M E O E N U D Z T E N R A G A
 E I N T M H E W O O M A L A C H I T E E
 R L D S U G L I T E E S I O U Q R U T P

- | | | | |
|-------------|-----------|------------|------------|
| AGATE | DIAMOND | MORGANITE | SPINEL |
| ALEXANDRITE | EMERALD | OBSIDIAN | SUGLITE |
| AMBER | GARNET | ONYX | SUNSTONE |
| AMETHYST | HIDDENITE | OPAL | TANZANITE |
| AMMOLITE | IOLITE | PEARL | TOPAZ |
| AQUAMARINE | IRONSTONE | RUBELITE | TOURMALINE |
| BERYL | JADE | RUBY | TURQUOISE |
| BLOODSTONE | JASPER | SAPPHIRE | VARISCITE |
| CITRINE | MALACHITE | SERPENTINE | ZIRCON |
| CORAL | MOONSTONE | SPHENE | ZOISITE |
| DANBURITE | | | |



*Some Rules, Regs & Where to
Look on that smart phone, tablet or
computer....*

These days it's becoming increasingly difficult to find the info we need without having access to information on line. Since cell coverage is often limited in the very rural areas "our" rocks are located, some pre-planning is really advisable.

ORS 477.710

It is unlawful for any person to start a campfire or other open fire without first clearing the area immediately around and above it of material that will carry fire, or leave a campfire or other open fire unattended, or permit a campfire or other open fire to spread. [That said, no actual campfire permit is required ed.]

Luckily for us, there is an interagency website developed by federal and state agencies to provide timely and accurate information for wildland fires, fire restrictions, prevention and education across the state. Their aim is to provide one website where the best available information and links related to fire can be accessed.

Idaho? Go to www.idahofireinfo.com It has a hotline at 844-433-4737 and numerous maps and links to anything related to anything fire or outdoors related. I could find no *permit requirement* for campfires in Idaho, only other outdoor burning, subject to the area, itself, being open.

Nevada? Go to www.nevadafireinfo.com It lists weather, advisories, restrictions & closures, maps and links to related topics. No campfire *permits* appear to be required as long as the area is open.

For **California**, go to www.fire.ca.gov, aka "Cal Fire". Campfire permits are required for USFS, BLM and Nat'l Park Service lands for both camp fires AND portable outdoor gas stoves. They are available on line! go to www.preventwildfireca.org/caompfire-permit. Watch the 2 min video, take the quiz and viola! A permit good through 12/31 of the current year. For other fire related info, click the *contact us* link in Cal Fire for names, addresses & phone numbers of each region. Example: the Lassen-Modoc Unit is in Susanville, at (530)257-4171. The Shasta Trinity Unit is headquartered in Redding, at (530) 225-2418. In Oregon, see Oregon.gov There you can go to the Oregon Dept of Forestry / Fire / Restrictions & Closures. There's a map where you can click on any county where any current fire restrictions will be listed. Also a link to specific contacts with their phone numbers all over the state.

Washington also does not appear to require campfire permits, per se. But each individual Washington State Park can be checked at parks.state.wa.us.

BLM offices are a resource both for fire information and to determine if permits are required for collecting. You have to know what BLM district you're in to be able to find a specific BLM office location. See the next page for some reference info on BLM office locations for the glove box.

BLM info

Do you know to which BLM district the site(s) you intend to visit belong? If not, start with the State Office and they can help you. The BLM is a treasure trove of advice on fire & forest info, rockhound info and any number of other topics that they're generally happy to share with us. The specific BLM office involved is going to have the most accurate info.

Here are some office numbers that may be of use:

Idaho State Office, Boise	front desk phone (208) 373-4000
Boise District Office	(208) 384-3300
Bruneau Field Office	same location & phone as Boise District
Four Rivers Field Office	same location & phone as Boise District
Owyhee Field Office	Marsing, ID (208) 896-5912

Oregon-Washington State Office	Portland (503) 808-6001
Burns District	(541) 573-4400
Coos Bay District	(541) 756-0100
Lakeview District	(541) 947-2177
K Falls Resource Area	(541) 883-6916
Medford District	(541) 618-2200
NW Oregon District, Salem	(503) 375-5646
Tillamook Resource Area	(503) 815-1100
Prineville District	(541) 416-6700
Roseburg District	(541) 440-4930
Vale District	(541) 473-3144
Baker Field Office	(541) 523-1256

Spokane District	(509) 536-1200
Wenatchee Field Office	(509) 665-2100

California State Office	(916) 978-4400
Northern CA District	(530) 224-2100
Applegate Field Office	(530) 233-5696 Alturas
Eagle Lake Field Office	(530) 257-0456 Susanville
Calif Desert District	(951) 697-5299 Moreno Valley
El Centro Field Office	(760) 337-4400

Nevada State Office	(775) 861-6500 Reno
Battle Mtn District	(775) 635-4000
Tonopah Field Office	(775) 482-7800
Carson City District	(775) 885-6000
Elko District	(775) 753-0200
Ely District	(775) 289-1800
Southern Nevada District	(702) 515-5000 Las Vegas
Winnemucca District	(775) 623-1592

Humboldt Field Office	(775) 623-1500 Winnemucca
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National BLM Office, Washington DC	(202) 208-3801
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Coming up soon: Annual trip to the RAC sunstone claim near Plush, 65 miles northeasterly of Lakeview. Dates are June 21-22-24

Don Perryman is leading this year and will provide maps and details at the June meeting. The club website also has a map. It is approx. 165 miles from Klamath Falls to the claims, so make sure you fuel up in Lakeview. Another club or two will be joining us, always a good thing to do.

The club has 3 sunstone claims covering 57 acres located in the middle of sagebrush country: no trees or shade unless you bring your own and primitive camping. Make sure you bring lots of water. Sunstones can be surface collected, screened or hard rock mined in the pit.

General directions are:

From Plush go north on County Hogback Rd #3-10, approx 9 miles. Then right onto County Flagstaff Rd #3-11, proceed 1/2 mile and turn left onto BLM Rd #6155. In approx. another 9 miles you will come to the road junction to the public sunstone area. Do not turn here, but continue straight ahead 2.3 miles. Here you will find another junction where you turn left for approx. 3.4 miles to the club's claims. This is a primitive road and is marked with a large yellow arrow on a metal fence post. There are numerous primitive roads crossing this, but the road to the claims will have yellow arrows showing the way, so follow the arrows. When you get close, the road directly to the claims will be marked with yellow or orange flagging.

BLM Road #6155 was in great shape last year. Let's hope for the same, once again.

Recent warning from Laura: wet spring = heavy tick presence. Be sure to take repellent and check thoroughly for ticks at the end of the day. Editor's personal recommendation: boots, long socks & pants and tuck your pants into your socks so they can't get to your skin & spray liberally! They may be positioned high up on the sagebrush, just waiting for your scent to detach themselves. That's arm territory for the height challenged. Ugh



What is Sunstone?

The name "sunstone" is used for specimens of translucent transparent feldspar that produce bright metallic flashes when light interacts with tiny plate-like mineral inclusions within the stone. These mineral inclusions usually have a common orientation, and light entering the stone reflects from them at a common angle. This produces a flash of light in the eye of the observer who views them at the proper angle. This optical phenomenon is known as "aventurescence." They are formed in molten lava, then discharged onto the surface by volcanic action. As the lava weathers away, the crystals are released. It is most commonly golden/champagne in color & believed by the ancients to be a piece of the sun. Other colors include pinky—peachy to orange, and even reddish brown & green—those containing "schiller", an infusion of copper. Only OUR sunstones have this wonderful color!

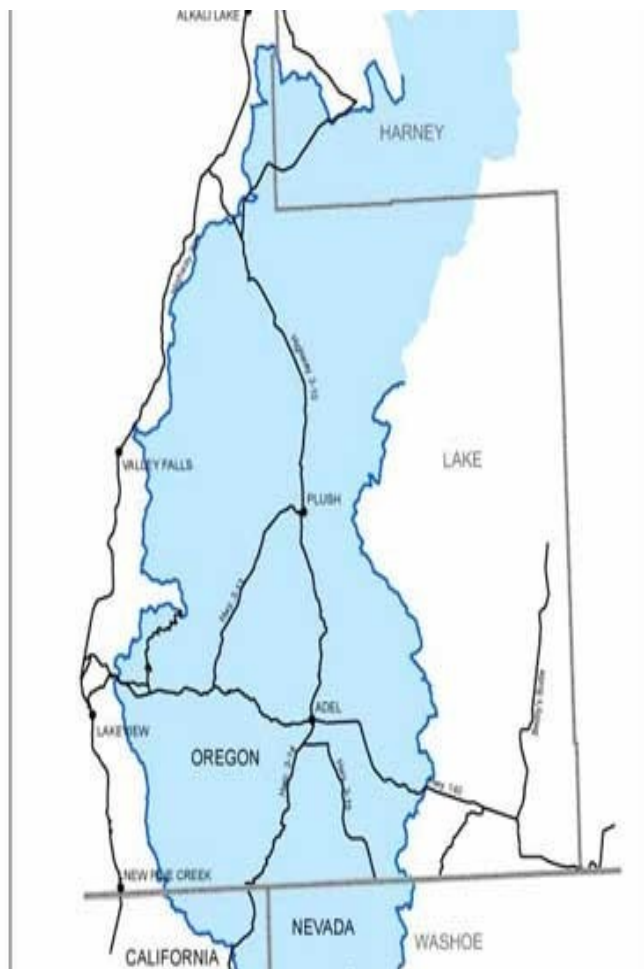


Note: See dustdevilmining.com website for some great info. They are a neighboring commercial mine and have employees with CPR training and have helped us in the past with emergencies.

In the general area of Plush and the Sunstone claims....

Have you visited the campground with hot springs near Plush? The Hart Mountain Hot Springs campground is NE of Plush and could be a scenic addition to your sunstone outing. There is a visitor center with water but no potable water at the camp ground. Roads reported to be kept in good condition. There are soaker areas, petroglyphs, lots of wildlife. It's 39 miles of good gravel road into the refuge and 45 out the other side. Its administered by the US Fish & Wildlife service and the hot spring has a new enclosure. There are 30 dry campsites & no fire rings according to the Hart Mtn refuge website.

Another scenic opportunity in the area is the Warner Valley, which includes a chain of shallow lakes & marshes that were once a great lake filling the valley floor up to a level of 200 feet. There are wetlands for bird viewing, petroglyphs and 42 mammal species including everything from ground squirrels to cougars. It is BLM land.



THE GRINDER

Mike Clark is selling some equipment—see pics below. His phone # is 541-205-4432 and he says the items are available for viewing most any time. He also donated some old magazines and books to the club—thanks, Mike! They are in the store room adjacent to our meeting room and are there for the borrowing.

Rock Saw and Polishing equipment for sale



For sale items, cont'd



ALSO FOR SALE:

Pacific Genie - used grinding wheel

For information: Judy Smith 541-810-1134

3851 Grenada Way, KF

Obsidian season opens!

Those of us who read the Herald & News probably saw the article last month announcing delay of the scheduled opening of obsidian collection—

Holly Owen's 5/14/19 article in the H&N advises:

ALTURAS — Obsidian collection will open for the 2019 season on Tuesday, June 11 at Lassen/Rainbow, Middle Fork Davis Creek, Needles and Pink Lady collection sites in the Warner Mountains, according to a news release.

Obsidian collection on the Modoc National Forest requires either a personal-use permit or a commercial contract. Only the four previously mentioned sites in the Warner Mountains are open to obsidian collection on the Modoc National Forest; it is prohibited in all other areas to protect traditional cultural resources. Please do not remove obsidian from any other locations, including Glass Mountain near Medicine Lake.

Remember that [free] personal use collection permits are required & available at the Modoc Nat'l Forest office in Alturas, the Warner Mtn Ranger District office in Cedarville, the Davis Creek Mercantile and both Fremont-Winema National Forest offices in Lakeview. COMMERCIAL permits will be available for sale at a required meeting on June 11 at the Forest Supervisor's Offc in Alturas.

FIELD TRIPS 2019

Some dates are settled, others tentative, as are locations, themselves.

SO FAR: * Memorial Day weekend postponed for bad weather

- * June 21,22,23 SUNSTONES at the claim 'near' Plush
- * July 6 Yadenite here in town. **We need to collect some Yadenite to "salt" the area, as the lack of tractor work on the field makes it very difficult to find specimens there. Bob Wilson has the 411 on collecting up near the hospital & college. Bob, would you take a couple of us out before 7/6 to collect some samples for the kids?** (editor)
- * July 19-20-21 Davis & Lassen Creek—obsidian
- * August Virgin Valley Opal Lacey will coordinate. Tent date August 9
- * Sept 6,7-8 Tuledad Canyon What about a gold trip? Who is in contact with the Prospectors?
- * Oct 11/12/13 Brookings area

Chuck Newnham has offered his Quartz Mtn opal claim for a field trip! When do we want to go? Let's not pass up this opportunity—it's a day trip, too!

Stabilizing Porous Stones

What process or processes do you use? This is a suggestion originally from Crack n' Cab back in January of 2003. I think I'd want to try it with perhaps a *non valuable* porous stone first?

If you would like to try your luck at stabilizing porous stone, like turquoise, so it can be cut and polished, the Silvery Colorado Rock Club offers this hint: Take a jar with a lid and add one pint of acetone. To this, add the complete contents of both the resin and hardener tubes of epoxy glue. Mix well. Add well-dried stones. Cover the jar and let it sit for at least four days. Remove the stones and allow a week for them to dry. They should now be stabilized and ready to work.

Is this true? What do you epoxy experts think? That stuff Garwin uses to create the glass like surface of his case favors could choke two horses....

From Petrified Digest
4/97

The worlds strongest adhesive is the glue that the barnacle uses to stick itself to the side of a ship or whatever. Chill it to zero degrees F and it still won't crack. No solvent known breaks it down. The holding power of a tiny speck of it is rated at three tons per square inch. Now thats some glue, too bad it is not on the market!

Thank you Don of RockSeeker.com, who just posted this on Friday! How did you know we wanted to talk about petrified wood this month? RockSeeker.com is a fun and chatty site—a recommended stop.

Don says he was recently asked “how much is petrified wood worth?” and because he collects it but doesn’t sell it, he had to do some digging (bad pun) and here’s what he learned:

First, let me tell you that there’s not an exact simple answer. There’s a number of factors that determine the value of petrified wood. We’ll go over each of those and determine how they affect the overall value as well as what it is buyers of petrified wood are looking for.

Here’s the quick answer to what petrified wood is worth. Assuming that the specimens you have are of decent lapidary quality that a buyer would be able to make jewelry out of, you could expect to sell petrified wood between \$.25 and \$10.00 per pound. Realistically speaking, you could expect to receive the lower amount of this price range.

The best thing to do is to check current prices online to see what dealers are selling their petrified wood at. For example, greatrough.com is a website that sells petrified wood from Arizona. Another site to look at with a larger selection of specimens is earthquestminerals.com. Finally, fossilera.com is a site that has specialty pieces of petrified wood. I would check these kinds of sites out for current prices.

Factors affecting value:

The first thing to consider when determining the value of a piece of petrified wood is its size. The reason this is true is because most collectors seek smaller pieces of petrified wood. While some collectors seek large chunks of petrified wood for making furniture like tables, the majority of collectors seek out smaller pieces for lapidary purposes.

“Small pieces of petrified wood are quite common and not worth very much. Tumbled or rough pieces that are one- to three-inches long will typically be worth a dollar or two each, if that. Bulk lots of these pieces are often purchased for even less per individual sample. On the other hand, a petrified wood log weighing 50 pounds could sell for \$150 or more. Intact pieces of this size are much rarer than the smaller pebble-like specimens.” per firstquarterfinance.com

Generally speaking, petrified wood that’s already been polished or tumbled is worth more than a comparative piece that has not been polished.

The main reason for this is due to the time that’s required to polish these stones. It’s takes a lot of time to get the final polish, and if someone has already done the hard work, then it makes sense to pay a premium.

According to firstquarterfinance.com, “...(a) very small (under 2”) pieces will not be worth more than a few dollars, whether polished or rough. Rough limbs that are a few inches in length are typically worth only \$4-\$8. Polishing one end of the limb to reveal the color and grain detail can increase the value up to \$10-\$20. A fully polished 3” sphere may be worth up to \$50-\$60 dollars.”

Continued.....

Petrified wood value, cont'd

If you know the location that the petrified wood was harvested at, you'll have a much better chance at not only selling the specimen, but you'll have a better chance of selling it at a much higher price.

According to petrifiedwoodshop.com, "Many collectors don't realize that the location from where a piece of petrified wood was harvested also factors into how much it's worth. If a seemingly populated area is now dwindling in the amount of petrified wood it contains, the value of specimens harvested there will hold a greater value. Being able to say you own a piece of petrified wood from a popular forest naturally makes your specimen worth more money."

So if you're a field collector, and have intentions of selling your collected items, do everything you can to document your finds. This will serve you well when it comes time to sell.

Finally, the last thing that a collector or buyer would be interested in seeing in a piece of petrified wood they're considering buying are the tree's growth rings. That's right, just like the growth rings of a tree you would see today, some pieces of petrified wood still show the growth rings of the trees they originated from. Specimens displaying these rings will often times bring a premium when selling.



Hampton Butte wood-left

Congleton Hollow pink – below



Limb casts-Hampton Butte



Petrified Wood

May 21, 2019 by Chris Chance

The conditions in the late Jurassic period (roughly 201 million to 145 million years ago) were that of a warm, humid climate allowing lush jungles to grow. No polar ice caps existed. Vast amounts of plant & animal remains were buried in those watery environments, becoming mired in mud and silt and the soft tissues decomposed quickly. When a fossil organism decays and its space is replaced by minerals, that is the definition of "petrified". Shells may be replaced by pyrite; wood may be replaced by any number of inorganic materials, such as opal, calcite, chalcedony and a variety of quartz family minerals. The groundwater was rich in dissolved solids, replacing the original organic material. Smaller fossils are preserved by being compressed by thin layers of carbon deposits while trees, larger bones, teeth and other animal parts become petrified. The original shapes are retained, leaving the "stone" in its place.



Large pieces are agatized petrified wood from Ashville, OR



Sometimes the items are filled with gem stone crystals, including rose quartz and smoky quartz. As with jaspers, most petrified wood is named for the area where it was discovered: Biggs, Stinkingwater in central & E Oregon, the pink and green woods in the areas from Post to Paulina. The green colors developed when molten lava covered green forested areas. A lot of conifers of the same type as today's Norfolk pine and monkey puzzle trees are preserved there. Both fossilized and agatized are referred to as "petrified".

The colors found in petrified wood today are made from iron oxide and silicon dioxides that turn to red, plus copper supplying blue shades. Petrified wood that has turned to quartz becomes many times heavier than the original organic tree: one cubic foot of agatized wood weighs approx. 168 lbs.

Since 1975, Washington's state gem is Petrified Wood.

Upcoming shows:

June 13-16

Father's Day weekend, the annual Prineville Rockhound PowWow. A good show with lots of rough as well as finished goods indoors. Free Good field trips each day including access to privately owned McDonald Ranch for wood and angel wing. Website is Prineville.rocks Crook Co Fairground-call NOW for an RV site at the adjacent, spotlessly clean county owned RV park: 541.447.2599 or reserve on line by searching Crook Cuntly RV Park-Online Reservations. Great central location to reach all the wonderful Central Oregon Rockhounding Map sites on the excellent map. Go to nationalforestmapstore.com to order for \$3.99. or buy one at the Prineville Chamber of Commerce office. Worth every penny.

June 14-16

Same weekend as Prineville... Lower Umpqua Gem & Lapidary Society's annual show at the Reedsport Community Building on Winchester Ave. Saturday is kids day; admission free all days. Reedsport is home base for Scotts Rocks & Gems, one of our regular show vendors. Scott & Meesha are sure to be there & be involved.

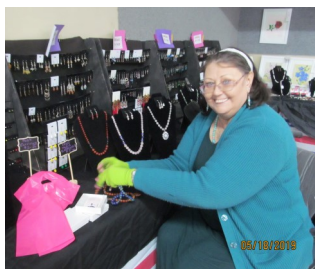
June 20-23

Annual All Rockhounds Pow Wow Club of America at the Jefferson Co Fairgrounds in Madras. This is their 70th year! Admission is free but there is a \$7.50 per person / \$15 per family charge for field trips. Their website does not list the field trips but you could contact Victor Hart, field trip chairman at (360) 886-8317 or victorgh@comcast.net. Ed note: I assume it's run like Prineville, where you show up at the designated booth or trailer and sign in by 7am or so & pay one fee for the weekend, not per field trip. I could be wrong....

Do the Reedsport show and some beach rock hunting. There's also the Umpqua River Lighthouse + State Park.

ALSO this weekend: the Oregon Divisional Chainsaw Carving Championships @ Rainbow Plaza Old Town, the 13th—16th, all day until 7:30pm except a 3pm conclusion on Sunday

Did any of you have a chance to drive to Lakeview for their Club show on the weekend of the 18th? The Chances & the Stroopes drove over, saw Ken & Marolyn Davis there as well as Kurt Phillips who had a booth there. For a tiny club, they do a nice job. Bill & Sue Neal had their table, of course, along with our friends at High Desert Rock Shop doing *triple duty*: their booth, the food concession and baby sitting an unhappy grand baby! As always, Joanie LaClair had necklace and earring sets that HAD to come home with me.



Editor's Corner

Friends, do not over-estimate the physical strength you have against the greed of picking up *just one more rock*, no matter how unique it may be. One solution: take two bags to fill (easier to carry than buckets) so at least the weight can be balanced between your two straining arms!

Remember to hunt rocks uphill so that coming back will be all down hill. Watch how far you have strayed from your vehicle—carrying a load will make the trip back feel twice as long. And never go alone—always take a partner, especially if that partner is strong and willing to help carry your finds!

Yes, six small rocks make up for one larger, and even though they fit closer together, taking up less space, the weight will be the same or more. Not planning out your strategy beforehand will make you a candidate for shoulder surgery and mess up the next three months of your rock hounding pleasures. Your time is turned into trials and tribulations.

Chris Chance, co-editor email chrischance38@msn.com

Cindy Sheridan—super job on the homemade treats for the May meeting! Thank you!

In the field trip section I mentioned that as a club, we should think about “salting” the Yadenite area where we have our 7/6 hunt in conjunction with the Museum. Chris Chance has already been collecting some, bartering with new member David Stark who collected a nice selection right from his own land near OIT. The first year I was involved with that outing was a lot of fun...the nasty, thatchy weeds that grow in that field had been churned up by tractor just a year or perhaps two years before. Digging was productive and fun. By last year, however, it wasn't so much fun, thanks to those weeds. Wish we could get the City to plow it again. I think this is a good idea of Chris's. Also, we need to remind Todd Kepple to “advertise” on Facebook. The huge turnout we had in 2017 was thanks to Facebook, based on a poll he took at the event & he forgot to do so in 2018. LOTS of families turned out in 2017. Facebook may not be the chosen form of social media for kids, but it surely is for their parents.

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