

DUSTY ROCKS

SEPTEMBER

2010



ROCK AND ARROWHEAD CLUB

P.O. BOX 1803

KLAMATH FALLS, OR 97601

www.klamathrockclub.org

~ DUSTY ROCKS ~

VOLUME 51 ISSUE 9

SEPTEMBER 2010 ~ Rock and Arrowhead Club ~ Klamath Falls Oregon

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Past President: Doris Newnham

Member @ Large: Marvin Stump

The club mailing address is:
PO Box 1803, Klamath Falls OR 97601
www.klamathrockclub.org

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.

Visitors are cordially invited:

Dues are \$10.00 per year per adult (\$18 for couples), \$7.50 ages 16-18 and free for juniors ages 15 and under whose parents pay dues.

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, foreign and "ordinary" 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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Committee Chairs

Sunshine.....	Chris Chance
Program.....	Jeff Eastburn
Greeter/Door Prize.....	Holly Zumburn
Refreshment.....	Amanda Newnham
Historian.....	Heidi Eli
Librarian.....	Alyssa Carnes
Charity	John Long
Claims Rep.....	Garwin Carlson
Field Trips.....	Marshall Curran
Black Light Display	Chuck Newnham
Show Chair.....	Jennifer Zimmerlee
Asst Show Chair	Marvin Stump
Safety Officer.....	Jeff Eastburn
Publisher/ Webmaster.....	Charlie Wyckoff

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
- Oregon Council of Rock & Mineral Clubs

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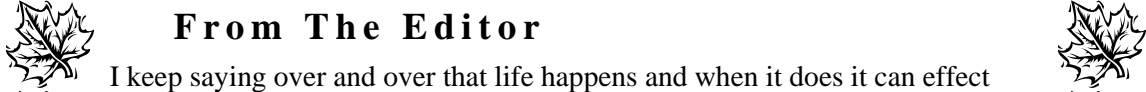
Please e-mail Charlie@klamathrockclub.org to get on our email list.



September 2010



From The Editor



Inside this issue:

- Inside Cover ~ Club 1
- Birthdays 2
- August Minutes 3
- August Minutes 4
- The Rock Pile 5
- Word Game 6
- Museums 7
- Field Trip 8
- Emerald 9

I keep saying over and over that life happens and when it does it can effect others, so a great big Thank You to Chuck for the email saying oops sorry he was sick and didn't make the meeting and bring refreshments. We understand mistakes happen so we appreciate when you say you are sorry. Kind of like me, I was honored to be asked to chair the show for 2011 but then got the date wrong in my notes which meant it was wrong in the last newsletter. Oops, but these things will happen. I also have to say a big THANK YOU to my publisher, it takes a team to put out this newsletter every month and I often get the Kudos rather than us both getting them. So I wanted to say what a great job Charlie does getting this tweaked and emailed/mailed out each month, I couldn't do it without him. I have a new job here in town as my husband is going to school so I'm sticking around for a while but my schedule has been thrown off so I'm running late for getting this newsletter to Charlie, so sorry. Finally can we say WOW on the great minutes we are getting from Laura! I love that people can now read in depth about what happened at each meeting! Robert's rules would be proud! Until next month, happy fall!

Jennifer Zimmerlee



NEXT MEETING:

- September 13th 7:00 pm
- Refreshments:
The James Family
- * Program: Silent Auction

Happy Labor Day



HAPPY BIRTHDAY!

Sandi Hart - Klamath Falls

Blair Johnston - Klamath Falls

Wolf Laskowski - McKenzie Bridge, OR

Eugene Newnham - Klamath Falls

Don Perryman - Klamath Falls

Lois Phillips - Klamath Falls

Adam Skog - Jacksonville, OR

Natta Skog - Jacksonville, OR

Dwight Smith - Klamath Falls

Linda Watson - Klamath Falls



September Birthstone Sapphire

- * Was believed that if you put a venomous snake in a Sapphire vessel it would die
- * Ground up into powder, sapphire would cure colic, rheumatism, mental illness and improve eyesight
- * Most famous is the 563 Carat, Star of India (can be seen in the American Museum of Natural History)





September 2010

August 9th, 2010 Meeting Minutes *Submitted by Laura Limb*

Meeting called to order: President Jeff Eastburn at 7:10 pm. **Pledge of Allegiance** said by all in attendance. **Visitors were introduced** and received a gift for attending. The visitors were Wayne Powell, Karen Barter, Roger Revenis, Jacelyn Davis and Forest Davis. **Door prize** was won by Brian Eastburn. **Birthday donations** were accepted by Charlie Wyckoff and Wayne Powell. **Minutes** were accepted with corrections to Johanne Diedrich, Ron (Jacksonville) and thanking the Massey's for the museum work and Limb's for the sunstone write up. **Treasurer's report:** Sheila James presented the treasurers report. **Sunshine report:** Chris Chance expressed concern of not knowing of those needing a card. Group felt that this is a very important part of the club and would like to help Chris in any way possible. Recommendation was to have Chris's email or phone number in the newsletter so members can keep her abreast of those needing a card. Charlie Wyckoff added he would add Chris's email and phone number to the website.

Correspondence: Thank you note from Campfire USA was passed around for the group to read. Barb knew the answer to Wohelo; it is the watchword and is made up of the first two letters of Work, of Health, and of Love, that was added to the bottom of the card. She was once a campfire girl. Another letter of thanks was read from the Klamath/Lake Country Youth Ranch for a \$25.00 donation made on behalf of the rock club. A flier for the Northwest Federation show and meeting and for the Lakeview Rock Show August 14 and 15th were also passed around. The Roseburg rock club will not be displaying the "dinner table" display, as they have been able to make one of their own. Marvin Stump will be taking the "dinner table" display to the Lakeview show.

Librarian report: Alyssa reported out. Donation from Patty and Bob Tucker of old lapidary magazines were accepted into the library. Alyssa indicated that we may need more room soon and some organization of the current space. **Historian's report:** Jeff Eastburn reported that he has been successful in digitizing the pictures to multiple CD's. There are approximately 900 pictures encompassing the years of 1970's, 80's and 90's. Garwin Carlson provided a CD with the recent sunstone trip in June for the records.

NWF report: Kathy is preparing for the annual meeting. She will be sending highlights from our club and the show chairperson information to NWF next month. Garwin asked Kathy to take our show flier for 2011 with her to the meeting. Show dates for 2011 are March 12 and 13th. Kathy asked the club to pay \$69.90 for overnight reservations. In addition, she is requesting to submit the gas receipts upon her return from the trip. Group agreed that these funds should come from the club. Motion was made by Doris Newnham and seconded by Charlie Wyckoff. Our junior delegate is Alyssa and she will be attending with Kathy.

Charity Donation: John Long is our charity donation chair and the following groups will receive a one-time \$25.00 donation from the rock club. For August, it will be the Klamath Humane Society and September will be the Friends of the Children.

Old Business:

1. **Trailer purchase:** Marshall Curran is in contact with Rod, current owner, who is still working on securing the title. Rod will call Chuck Newnham when the trailer is ready for transporting.
2. **Museum rock display:** Todd Kepple has asked for large landscape rocks with a location known in Oregon if possible for landscaping at the museum. Chuck and Todd went to view a large rock for this purpose. He is asking that the rocks be larger than it would take two people to carry. The museum would like a description of the Oregon Thunder Egg for the display; Marshall Curran will locate and make sure that it is delivered to Todd. Garwin Carlson shared that the museum gives a small sack with approx a teaspoon of polished sunstones to visitors. He indicated that the polished supply is running low.
3. **Snail Mail:** Charlie Wyckoff encouraged members to receive the Dusty Rocks newsletter via email to save the club postage. It is now 70-80 cents to mail the newsletter. Charlie is also working on the older newsletters for archiving.

Maps for Virgin Valley field trip: If you are in need of a map for this field trip, contact Charlie via email so he can send you a link for you to download the map. This is due to the size of the map file and copyright issues.

New Business:

Making Swag: Jeff presented to the group pictures of a heat press that would enable us to make our own T-shirts, hats, bags, etc for the rock show. Jennifer Zimmerlee has been researching the various options and found that locally the cost is much higher than using a vendor outside of Klamath. This could be one way to make our own swag and possible make money by making things for other clubs. Concern raised that "someone" would have to own the process and put the time and effort into making this work. It is a lot of work. Sheila expressed an interest and willingness to store the press. Cindy has it in her possession and the asking prices if \$200-\$250.00.

(continued next page)

Word Definition Answers from page 6.

- 1.Alluvial-2.Clast-3.Carboniferous-4.Cretaceous-5.Fossil-6.Devonian-7.Jurassic 8.Permian-8.Permian-9.Mudstone-10.Silt-11.Tuff-12.Pegmatite-13.Pyroclastic



Group concerned about how fast the return on this investment would be and would it be worth it. This would allow us to make colored options where the current quotes for bags, shirts, etc are for black and white only. Chris Chance shared that the lady who owns the store next to the museum would be a good resource for answering questions. The group felt that more information was needed. The cost of consumables, etc will also be researched. Club desire is that the logo does not "wear or wash off" in less than three or more washes. We want a quality product. Jeff to get more information to Jennifer before the next meeting.

1. **2011 Show Chairperson:** Don Perryman recommended that Jennifer Zimmerlee be the show chairperson again this year. She did an outstanding job last year. Group agreed and Jennifer indicated that she is willing. This is a club president appointed position so no motion was taken. Jeff agreed and Jennifer accepted the recommendation. 2011 Rock Show chairperson is Jennifer Zimmerlee
2. **Rock Critters:** Marvin and Leah Stump brought examples of critters that they have made and some left over from last year's show. The Integral Youth Services kids are interested in making more again this year for the show. Discussion on more volunteers and possible process changes would be needed to make this flow better. Leah offered a suggested list of supplies for making critters: Aleene's tacky glue, wiggly eyes, pipe cleaners, feathers (found at the dollar store) and 18-22 gauge hobby wire. A recommendation for Marvin and Leah to be on the club-meeting program in November to demonstrate making critters and wire gem trees. They recommended the critter making be hands on and the gem trees be demonstrated in order to use the time allotted. Marvin asked that the November meeting be 15 minutes long in order to make the hands on program a success. Jeff indicated that he would try. Marvin and Leah accepted the recommendation for the November program. Garwin brought a box of polished rocks for the club members to begin making critters. Please take some and be creative.
3. **Wheel of Fortune:** Garwin Carlson asked volunteers to put labels and polished rocks in small plastic sacks for the wheel of fortune. He has labels and sacks available. He recommended while watching TV, one could fill bags and stick a label on them. He has available 120 lbs of rocks at present with more coming soon. Kathy Larsen is also working on tumbling stones as well.
4. **Club Claim Annual Paperwork:** Garwin has submitted the appropriate paperwork for the claims for this year.
5. **Show Planning:** Jennifer wanted to remind the group that planning the show for March will begin in October so that the majority of the logistics and tasks will be done by January. All members are encouraged to help. Share your talents and help make 2011 a great 25th Anniversary of the rock club. The theme was decided on, however Jennifer will check with Chuck Newnham on the focus. Agates came to mind, but she will verify for the next meeting. **Grant Application:** Country tourism grant is coming and the club uses funds received to help with advertising in rock and gem magazines and local media beginning in January. Charlie is working on this issue.
6. **Elections:** Elections are the responsibility of the vice president role. November is election month. Nominations will be in October. Those successful in the voting will take office in January. More information to come on this soon. Marshall Curran is the Vice President.

Field trips:

1. **Virgin Valley:** Marvin has asked Doris for the RAC sign to take on the field trip. He has reminded the group that the dig is a fee dig and the area is primitive. Information on the trip can be accessed on the web and in the last newsletter.
2. **Jacksonville field trip:** Marshall is still in conversation with Ron on the availability and claim issues. No date is set as of yet.
3. **Don Perryman** shared that he took a week off and went to Spencer, Idaho and into Montana. He enjoyed wolves howling at night. In Helena, he went to a sapphire mine and brought specimens for the group to see. He also searched for calcite, smoky quartz, opal and mica.
4. **Doris Newnham** shared that she and friends went to Quartz Mountain and Dent Creek where they found green petrified wood. She brought some samples for the group to take home. Charlie has maps available for this area around Dog Lake.

Lassen Creek obsidian trip: Doris reported that the group was smaller than last year. 13 people were able to attend. They found Mahogany and rainbow mix obsidian. The silent auction netted \$55.00 for Kathy's trip to the NWF meeting in September.

Refreshments: None were available. Laura Limb read the list of those who had signed up for the remainder of the year. Chris Chance offered to help remind those on the list prior to the meeting. Charlie Wyckoff and Doreen Chase are willing to fill in when someone is unable to provide refreshments. **Meeting adjourned at 8:34 pm**



September 2010

The Rock Pile

Kathy is going to the NFMS meeting, bring your stamps for her to take, also bring some rocks for a silent auction to help pay her way!



Lets Go to a Show!

- September 11-12 Walla Walla, WA
- September 11-12 Roseburg, OR
- September 17-19 Coos Bay, OR
- September 17-19 30th Annual Portland Regional Gem & Mineral Show & NFMS Convention Hillsboro, OR
- September 18-19 Castle Rock, WA
- September 25-26 Missoula, MT

MEET THE NEW MEMBER

Joe Silica is just the man Who always says, "Of quartz I can". And he says, "That stone will fit", Then you can bet your chert on it. Chrys O"Tile is a funny bloke, Don't ever ask him "Do you smoke"? Or you'll be quick to learn, "No thank you, I don't even burn". Matt Finish is in quite a fix, He lets his grits and polish mix, And though he works from noon till nine, He cannot get a super shine. Our secret agent, as you can see, Is called AL₂O₃. But if she's introduced to you, Then you may call her ruby, too. Now here's a chap I nearly missed, His name is Mr. Garnet Schist. A reformed character, you know, He knows that the heat's on down below. Miss Lidia Tumbler is the girl, Whose life is one unending whirl. But even she requires a stop sometimes, So she won't blow her top...

Author Unknown From an Australian Lapidary magazine Via The Rockhound Gazette, January 04 Roamin' Rams Feb. 04



Take a look at our new minutes: What do you think about a t-shirt heat press? *(proud members of another club show off their shirts)*



I had a blonde moment, in my notes I had the wrong date for our show, how embarrassing! The correct date is:



Sick or need some prayer, please let us know so we can have a Sunshine Report again, and send out cards! Please contact Chris Chance @ 541-882-7124 or her cell phone is 541-891-3608 and email is chrischance38@msn.com

March 12th & 13th, 2011



WORD DEFINITIONS BY DOREEN CHASE

Particles of sediment or other material deposited by a
Running body of water._____

A fine sediment that has a particle size between those
of sand and mud_____

A small fragment of rock that has been broken or
eroded off a larger piece._____

A rock that is mostly composed of volcanic
ash_____

The geological time period that stretches from around
365-290 million years ago_____

A very coarse-grained igneous rock_____

The geological time period that stretches from around
145-65 million years ago_____

Pieces of Material that have been thrown up as the re-
sult of Violent volcanic activity_____

The remains of an animal or plant that has been pre-
served in rock_____

Silt,

Pyroclastic,

Mudstone,

Tuff,

Pegmatite,

Clast,

Devonian,

Carboniferous,

Alluvial deposit,

Fossil,

Jurassic,

Cretaceous,

Permian

The geological time period that stretches from around
415-360 million years ago_____

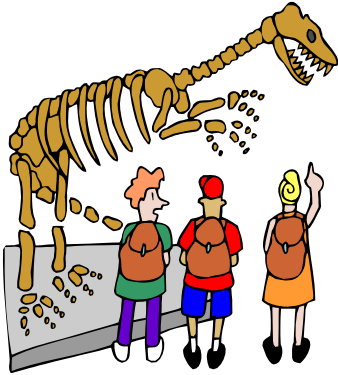
The geological time period that stretches from around
200-145 million years ago_____

The geological time period that stretches from around
300-250 million years ago_____

A sedimentary rock that is composed of fine-grained
Particles_____

September 2010

The Klamath County Museum



We show up there every 2nd Monday of the month, but do we actually think of the fact that we are at the Klamath County Museum? When was the last time you paid for admission and toured the museum? For me it had been years and at a time when museums are struggling, perhaps we should all take the time to support our museum and visit what is a treasure of our county. With unique displays on our local history, I learned more about the Modoc Indian Wars, the

Japanese balloon attack and of our proud veterans who have served our country in several wars. Currently they also have the “Forests for Everyone”, a 1,700 square foot interactive exhibit on the woodlands of Klamath County, fun for adults but especially for the kids. I enjoyed the two hours or so that I spent and learned about other events like the tour of Malin September 18, an in depth look at the Modoc War Diaries September 30 and the Night at the Cemetery Oct 8th and 9th.



We partner with the museum by providing Sunstones and Thundereggs for the gift shop to sell and now the museum is

working with Chuck Newnham and other club members on a new black light display. Director Todd



Kepple spoke to me about how much he appreciates our support and how much the relationship

between the club and the museum benefits the guests who visit. Todd is also looking for large (like it takes several people) rocks from our area to decorate the outside of the museum. So if you can help support our museum, donate polished Sunstones or Thundereggs, rocks for the outside, help set up our new display, visit or just go shopping in the gift shop for unique local items for birthdays and Christmas. It's a win win for us and the museum!



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Field Trip, Virgin Valley

A small but valiant group braved the heat to go and dig Opals in Virgin Valley. These pictures came from The Fore Family, Thank you very much!



THANK YOU

John Church, for letting us come dig!



65 Carat Emerald Found in NC

By EMERY P. DALESIO, Associated Press Writer Emery P. Dalesio, Associated Press Writer – Mon Aug 30, 7:07 pm ET (photos from Terry Ledford)

RALEIGH, N.C. – An emerald so large it's being compared with the crown jewels of Russian empress Catherine the Great was pulled from a pit near corn rows at a North Carolina farm.

The nearly 65-carat emerald its finders are marketing by the name Carolina Emperor was pulled from a farm once so well known among treasure hunters that the owners charged

\$3 a day to shovel for small samples of the green stones. After the gem was cut and re-cut, the finished product was about one-fifth the weight of the original find, making it slightly larger than a U.S. quarter and about as heavy as a AA battery.

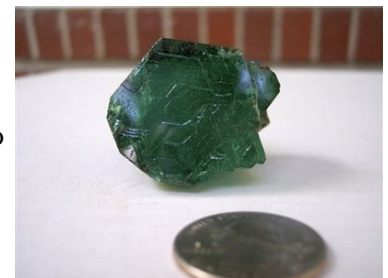


The emerald compares in size and quality to one surrounded by diamonds in a brooch once owned by Catherine the Great, who was empress in the 18th century, that Christie's auction house in New York sold in April for \$1.65 million, said C.R. "Cap" Beesley, a New York gemologist who examined the stone.

While big, uncut crystals and even notable gem-quality emeralds have come from the community 50 miles northwest of Charlotte called Hiddenite, there has never been one so big it's worthy of an imperial treasury, Beesley said.

"It is the largest cut emerald ever to be found in North America," Beesley said in a telephone interview from Myanmar, an Asian country rich in precious gems. The discovery is a rarity for emeralds found not in the rich veins of South America and Asia but in North America, said Robert Simon, owner of Windsor Jewelers in Winston-Salem.

"Most of the stones that have come out have not been gem-quality that I would mount in jewelry," said Simon, who was part owner of a 7.85-carat, dime-sized emerald found in the same community in 1998 that has since been set in jewelry and sold to a private owner.



Terry Ledford, 53, found the roughly 2-inch-square chunk rimmed with spots of iron a year ago on a 200-acre farm owned by business partner Renn Adams, 90, and his siblings. The rural community of Hiddenite is named for a paler stone that resembles emerald. "It was so dark in color that holding it up to the sun you couldn't even get the light to come through it," a quality that ensured an intense green hue once the stone was cut with facets that allowed light into the gem's core, Ledford said. The North Carolina stone was cut to imitate the royal emerald, Ledford said. A museum and some private collectors interested in buying the emerald have been in contact, Ledford said. Modeling an empress's emerald is likely to have less influence on the North Carolina stone's sale price than its clarity, color and cut, said Douglas Hucker, CEO of the American Gem Trade Association, a Dallas, Texas-based trade association for dealers in colored gems. "A 65-carat cut emerald from North Carolina is a big, big stone," he said. But "once an emerald is cut, it's subject to the same type of market conditions that any emerald would be."

Emeralds are part of North Carolina's mineral claim to fame, though other places in the U.S. also are rich in gems. Maine mines have yielded aquamarine and amethyst, Montana bears sapphires, Idaho is known for star garnets, and Arkansas has diamonds. It's not fully known why small, subterranean cavities containing emeralds formed in central North Carolina, said geologist Michael Wise of the Smithsonian's National Museum of Natural History, who has studied the underground world around Hiddenite for years. Emeralds are produced where a superheated fluid carrying the element beryllium migrated through rocks that contain chromium, Wise said. "This doesn't happen frequently," Wise said. "The conditions have to be just right to make an emerald. ... It happens to be the case at this particular place." Adams said decades ago when his parents owned the farm, they allowed anyone with a shovel to dig for emeralds on the property for \$3 a day. Virtually all of it was too full of flaws to be cut into precious stones and was mostly sold to mineral collectors, Adams said. Ledford said they don't plan to quit after pocketing the profits from their big find, Ledford said.

"We'll definitely keep on mining," he said. "It would be good to know you don't have to go and could do it for pleasure. You feel like you've got to find something to survive but since we found this emerald, once we get it sold, there will be less stress."