

Rock-It



September 2002

Officers

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Vice President.....	Steve Nelson	Board Member.....	Tim Fisher
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Committee Chairpersons 2002

Show Co Chairman.....	Steve Nelson	Regional Advisor.....	Randall Vessels
Show Co Chairman.....	Michael Santos	Regional Advisor.....	Jim Young
Registration.....	Merlia Tilgner	Regional Advisor Alternate.....	Steve Nelson
Sunshine *****254-2621****	Leona Conwell	Greeter.....	Keene Clay
Juniors.....		Regional Trip Coordinator.....	Terry Ensell
Refreshments.....	Lenora Smith	Weeklong Trip.....	Keene Clay & Tim Fisher
Club Historian.....	Esther Lively	Club Publicity.....	Keene Clay
Librarian.....	Steve Armstrong & Joe Holas	Oregon Council Rep.....	Lenora Smith
Program.....	You got one see Patty	Oregon Council Rep.....	Betty Bohall
Display Table.....	Ken Thomas	Oregon Council Rep.....	Troy Smith
Lapidary Shop.....	Steve Stewart	Traveling Cases.....	Helpers Wanted
Membership....	Velna Dunn360-573-2769	Custodian.....	Randall Vessels
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The "ROCK-IT" is the official club Publication of the Mt. Hood Rock Club. The news deadline is the Monday before the first regular meeting of the month, for that month's publication. The contents of the "ROCK-IT" may be reprinted if credit is given to the "ROCK-IT" and the author.

MT. HOOD ROCK CLUB meets the second Tuesday and the fourth Monday of each month. Meetings are held in the basement of the United Methodist Church in Gresham. The Church is located at 8th and Norman. Regular meetings start at 7:00pm. Juniors are welcome!!

CENTENNIAL MIDDLE SCHOOL Rock Room is open October - May Wednesday Nights 7-9pm Non members & members. Thursday nights 7-9pm Members only. \$2.00 Fee covers Saw & Polishers, Instructors. Jewelry Classes October to April Wed nights. School is located off of 181st between Division & Powell.

Mount Hood Rock Club PHONE NUMBER 503-760-1825

<http://www.geocities.com/mounthoodrockclub/>

PORTLAND REGIONAL IS ONLY 3 WEEKS AWAY!!!!

MAKE SURE YOU'VE COMPLETED THE FOLLOWING:

- Turned in your application for either a competitive or non-competitive exhibition case.
- Notified a Committee Chair of your intent to volunteer. (Name badges will only be provided with authorization from Committee Chairs.)
- Made accommodations for the recognition dinner.
- Have already turned in your member vendor paperwork.
- Get ready to bring a dish for the Regional Potluck.
- Passed out fliers about the show to businesses in your neighborhood.
- Called friends and relatives to come see the show. ☺

(Psssttt: Don't forget pastries for R&R. ☺)

We had a great show last year, but this year will top them all!!!

MEMBER EXCHANGE & OTHER NEWS

History of Colored Stones

submitted by Esther Lively

From the earliest times man has valued colored stones among his most precious possessions. Prehistoric graves reveal persons buried with "pretty stones" collected during their lifetimes. Stones that held personal or spiritual meaning for them.

As Stone Age man learned to use bone, antler, and harder rocks to form stone into weapons and tools, he also developed methods to make his "pretty stones" into personal ornaments by studying and following nature's patterns. Through trial and error, he learned to shape and polish colored stones and to enhance their natural beauty. By laboriously drilling stones and stringing them on thongs of animal skin, primitive man created the first gemstone jewelry. It was one of the earliest expressions of man's sense of individual worth.

Myth and superstition grew up around the use of these adornments. Colors gained meaning. Some colors when worn or carried on a shield or weapon meant protection from enemy, colored stones enhancing personal ornaments offered valor to a warrior, strength and good health to a child-bearer,

or eased pain and illness when handled by the spiritual leader. Color in the stones gave mystical power to the believer. The brighter the color, the more specific, the stones' power became. Color and Clarity were the values desired by all.

With the discovery of metalworking, craftsmen learned to set stones in copper, gold, bronze and other metals to produce true works of art. No one knows for sure when man first learned to cut transparent stones into facets to bring out their full beauty.

Bright colors locked into the translucence of solid rock holds an allure treasured by man since the beginning of time. From the earliest days, possession of colored stone jewelry became limited to the elite – clan leaders, shaman and spiritual guardians, then later, to royalty and priests. Mystical values of the precious stones had to be guarded and their powers administered only by those in power.

A single small passage directed to a period craftsman during the Renaissance describes a faceted ruby ordered by a nobleman for a royal occasion. It is the first recorded reference to the gem cutter's art. The content and tone of the piece reveals society's reverence for faceted gemstones as the ultimate representations of elegance, power, and prestige.

The same holds true today. It is man's way of capturing sunlight - his mind still reaching for the mysticism of an open field of stars.

Field Trip News from Springfield Thunderegg Rock News

Walt Lunceford from Grants Pass Club reported that their club has now received permission to mine on their claims after several years of being closed. They have Rodenite, Jade, and Serpentine on them. They use a jackhammer and it is hard rock mining. In the past they have charged \$10 per day per digger. They do have a limit on amount allowed to keep. They do not want to see large amounts going out in forms of truck loads. The limits will be set by the host club. Contact Walt Luceford at 541.596.2722 if club is interested in having a field trip there.

Big Differences in UV Tubes

by Doug Mitchell, #578, California. Originally published in *U.V. Waves* January/February 1996, but the Fluorescent Mineral Society

I had heard before that different UV lights make for different fluorescences. But I never realized that choosing a different longwave UV tube could make the difference between yellow and red, or the difference between bright fluorescence and no fluorescence. While differences in glass, reflectors, and filters can make a significant change in results, the difference that has been surprising many of us lately comes from the differences in the phosphors used in longwave UV tubes.

Longwave UV is most commonly produced by using a low-pressure mercury vapor lamp to produce shortwave UV, and coating the inside of the tube with a phosphor that fluoresces by emitting longwave UV rays. There is much visible light produced also, so filtering is needed. When filtering is built into the glass of the tube, it appears dark purple and is called a "BLB" (Black Light Blue) tube. When no filter is built in, the tube appears white, and is called a "BL" tube. The longwave UV phosphors used in these tubes evidently fall into two major categories: those producing UV peaking at 350 nanometers (nm) in wavelength, and those with a peak near 370 nm.

This appears to be the difference that produces the greatest color variations in fluorescent minerals. While most minerals that fluoresce under longwave UV appear similar under both types of UV light, the differences can be dramatic in some cases. Those agrellite specimens we have tried will fluoresce their unusual magenta-pink color under the 350 nm lamps, but appear to not fluoresce at all under 370 nm lamps.

“Terlingua-type” calcites are often also affected some Mexican optical calcites that fluoresce blue violet under shortwave UV (and phosphoresce afterwards) are yellow-white under 350 nm and orangeish-pink under 370 nm, while others are pink under 350 nm and orange-pink under 370 nm. Agates and chalcedonies that fluoresce yellowish-green under 350 nm may fluoresce greenish-white under 370 nm.

Since the two different types of longwave are not clearly identified as such, there are possibilities for confusion if a dealer shows a specimen under a lamp of one type and the buyer takes it home to lamps of the other type. Let the agrellite buyer beware!

There is no such problem for shortwave UV tubes - since there is no phosphor involved, just the direct emissions from low-pressure mercury vapor, the peak is consistently a narrow one at 254 nm. But the newly popular midwave UV tubes have this problem of phosphor variations to a still larger extent, as noted in Don Newsome’s article “Standards for UV Lamps” in this issue.

YOU KNOW YOU'RE FROM OREGON IF YOU.....

(something cute to think about)

- Feel guilty throwing aluminum cans or paper in the trash.
- Use the statement "sun break" and know what it means.
- Know more than 10 ways to order coffee.
- Know more people who own boats than air conditioners.
- Feel overdressed wearing a suit to a nice restaurant.
- Stand on a deserted corner in the rain waiting for the "Walk" signal.
- Consider that if it has no snow or has not recently erupted, it's not real mountain.
- Know the difference between Chinook, Coho, and Sockeye salmon.
- Know how to pronounce Sequim, Puyallup, Issaquah, Oregon, and Willamette. Consider swimming an indoor sport.
- Can tell the difference between Japanese, Chinese, and Thai food.
- In winter, go to work in the dark and come home in the dark-while only working eight-hour days.
- Never go camping without waterproof matches and a poncho.
- Are not fazed by "Today's forecast: showers followed by rain," and "Tomorrow's forecast: rain followed by showers."
- You can't wait for a day with "showers and sun breaks."
- Have no concept of humidity without precipitation.
- Know that Boring is a town in Oregon and not just a state of mind.
- Can point to at least two volcanoes, even if you can't see through the cloud cover.
- Say "the mountain is out" when it's a pretty day and you can actually see it.
- Put on your shorts when the temperature gets above 50, but still wear your hiking boots and parka.
- Switch to your sandals when it gets above 60, but keep the socks on.
- Have actually used your mountain bike on a mountain.
- Think people who use umbrellas are either wimps or tourists.
- Knew immediately that the view out Frasier's window was fake.
- Buy new sunglasses every year, because you can't find the old ones after such a long time.

You know you live in Oregon when....

1. Your idea of a traffic jam is 10 cars waiting to pass a motor home on the highway.
2. 'Vacation' means going to Portland for the weekend.
3. You measure distance in hours.
4. You know several people who have hit deer more than once.
5. You often switch from "heat" to "a/c" in the same day.

6. You use a down comforter in the summer.
7. Your grandparents drive 65 mph through 2 feet of water during a raging rainstorm without flinching.
8. You see people wearing hunting clothes at social events.
9. You install security lights on your house and garage and leave both unlocked.
10. You think of the major food groups as elk meat, beer, fish, and berries.
11. You carry jumper cables in your car and your wife knows how to use them.
12. There are 7 empty cars running in the parking lot at the BiMart store at any given time.
13. You design your kid's Halloween costume to fit under a raincoat.
14. Driving is better in the winter because almost everybody stays home.
15. You think sexy lingerie is tube socks and flannel pajamas.
16. You know all the important seasons: Almost winter, Winter, Still raining, Road construction, Deer season, and Elk season.
17. It takes you 3 hours to go to the store for one item even when you're in a rush because you have to stop and talk to everyone in town.
18. You actually understand these jokes and forward them to all your friends in Oregon or those who used to live here

HAPPENINGS IN SEPTEMBER

- | | |
|--------------|---|
| September 3 | Board Meeting (Armstrong) |
| September 9 | Regional Meeting |
| September 10 | Regular Meeting
* ROCK AUCTION |
| September 17 | Club Social at Lyon's on 82 nd and Sandy |
| September 23 | Regular Meeting
* POTLUCK |

NOTE FROM THE EDITOR

Resident Rock Hounds will return to Rock-It as a feature in the next issue.

Club Web Site is back up and running with all of this year's *Rock-It* issues.

1) Please e-mail me pajntsa@attbi.com or call me at 503.254.4843 if any club members or officers are planning trips that missed the publication deadline for *Rock-It*. I will enter the trips and information on the web site. Not everyone can make it to the meetings to find out about the trips. This way, everyone who is interested would still find out about the trips and still be able to participate in club functions.

2) If the club wishes to have officers's e-mail addresses and committee contacts listed, please let me know and I will be more than happy to add them to the site. This is one of many complimentary e-mails I received I want to share it with everyone about our club and our web site:

"The layout of the site has a very professional touch to it. I'm extremely impressed with the effort you have taken to build this page. Your club is doing a great job by providing vast number of opportunities to the outdoor enthusiasts. I found it to be an informative and educational place where readers can get an idea of activities and events organized by your club." - K. Thomas