



Lake City Rockhound News

NORTH IDAHO MINERAL CLUB

OCTOBER 2012

P.O. Box 1643 Hayden, ID 83835

MEETING AT LAKE CITY SENIOR CENTER 1916 LAKEWOOD DRIVE

667-4628 6:00 P.M. 3rd Thursday of month Visitors Welcome

See the NFMS web site at www.amfed.org/nfms See OUR web site for the club at www.northidahomineralclub.com

MEETING 6 P.M. TO 8 P.M. OCTOBER 18, 2012

DVD PRESENTATION (SECOND HALF)

CAVE OF FORGOTTEN DREAMS

(Loaned to us by Diane Rose)

REFRESHMENTS AND SILENT AUCTION—THE BEST IN THE
WEST!!!

Please note —this is a very early newsletter as Ed. will be away till just before the next meeting.

HINTS AND TIPS

[Editor's note: Just a reminder!!! Shop hints and tips that are featured in this bulletin have not been evaluated for safety or reliability and could be unsafe or cause damage to your project... Please use caution and safety when trying out any new idea.]

TRIM SAW

When cutting a slab on the trim saw turn the trim saw around so that you stand behind the saw and pull the slab towards you. This eliminate getting oil or water splattered all over you which you get if you try to push the slab toward the saw. You can also see what you are doing better when your glasses are not will oil splattered.

Via NFMS Newsletter,
via Hatrockhound Gazette 8-03

DRILLING HOLES

By Brad Smith

If you have a drill press, you can drill holes by using a nail or piece of tubing as the bit and some abrasive grit as the cutting media. It's worked fine for me, even better than diamond bits for small holes. Here's the sequence:

Fix the piece to a scrap of wood with wax or glue.

Clamp the wood to the drill press so the bit is properly positioned to drill the hole.

Build a dam around the hole with modeling clay so you can keep water in the hole at all times.

Sprinkle a little 100-200 grit in the hole. Drill with light pressure

Raise the drill out of the hole every 20 seconds or so to let water and grit reach the bottom of the hole.

Add more abrasive grit as needed.

As you reach the bottom of the hole, be careful to ease up on the pressure or you will chip the surface near the exit hole.

September 20, 2012

NIMC meeting minutes

Meeting called to order by President Bill Johnson at 6 pm.

Moved and seconded minutes are approved.

Mike Burton gave Treasurers report. Storage paid for year, higher price this year.

NEW BUSINESS:

Nominating Committee: Dale Ruperd, Mike Burton, Tommie Erst

Offices to fill: President, Secretary, Treasurer [Mike Burton said he would do it again for 2013] Show Chairman, Field Trip coordinator, Guest Book/hospitality.

OLD BUSINESS: none

ANNOUNCEMENTS: Bill Johnson is going to Saddle Mountain on Saturday. Want to join him? Contact him after the meeting.

Tommie Erst has a Tumbler for sale. \$300

One 12 pound barrel, and two 6 pound. Will send picture for Bulletin

For more details contact her at 208-277-8840

Mike and Diane Rose have a 10" Lortone Trim saw on consignment: Clean, 2 new blades.

One on saw used to cut 5 slabs, second one in package. \$400.00

Mike: 208-667-8591 or Diane 208-659-6173

Diane Rose and Bill Johnson are going to Mario and Sons to pick up a pallet of granite slabs.

People offering to assist removal from truck are: Dale Ruperd, Hyrum Madland, Karel Mrazek, and Dennis Elson. Thank you!!!

FYI: Rock and Gem Magazine should be contacted: List our club in Magazine as ID rock club and make sure our show is listed also for 2013.

Need to get Club listed in EVENTS in CDA Press again as well.

Bev Bockman received two letters:

#1] Ice Age Flood Institute will have informational meeting September 27 in Spokane at the Lair by Eugene Kiver at Eastern Washington University at 7 pm.

#2] Bike Trail at Rock Lake, WA near Sept 29. [www.IceagefloodEW A.org](http://www.IceagefloodEW.A.org) for registration details. Meet at Cheney City Parking Lot @ 8:30 am

Everett Headrick announced: ALAA needs a representative for Nez Perce National Forest.

Will be a 2 year term. Meeting is Kamiah and Kooski area. Ask him for more details if interested 208-772-7643.

Beverly Bockman stated she would be Dealer Chairman again. We are getting requests from possible dealers already. Need Chairman and someone willing to do Advertising. She said she would assist.

Missoula show this weekend.

Meeting adjourned.

First half of program: Cave of Forgotten Dreams. Diane and Mike Rose own the video.

Secretary, Diane Rose

If you have e-mail please read the Northwest Newsletter for OCTOBER 2012-www.amfed.org/nfms — either read on line or download and save. If you are a member of this club and would like to have a hard copy of this newsletter please see Mike to make sure that your name has been submitted to the circulation chairman so you can receive yours by mail..

RECREATION GROUPS JOIN EFFORTS TO CHALLENGE NEW USFS PLANNING REGULATIONS

POCATELLO, IDAHO (August 14, 2012) -- Recreation advocates yesterday joined with several other organizations in a legal challenge to new forest planning regulations promulgated by the U.S. Forest Service.

The BlueRibbon Coalition (BRC) and the California Association of 4Wheel Drive Clubs (Cal 4 Wheel) joined forces with the other forest product and multiple use groups in filing a lawsuit to require the Forest Service to modify its new planning rule to avoid its devastating impacts on the health of Nation, Forests, recreational uses of the forests and communities located nearby.

The U.S. Forest Service formally adopted new National Forest Planning rules on April 9, 2012. The new regulations shift the agency away from a jobs and ecosystem approach. Instead, the planning rule would cement the National Forests into endless litigation over single species management; an approach that even the agency admits has failed repeatedly in the last three decades.

The complaint takes the Forest Service to task for elevating species viability, ecological sustainability, and ecosystem services as mandatory national forest management objectives, above the five statutorily prescribed multiple uses: outdoor recreation, range, timber, watershed, and wildlife and fish purposes. also admonishes the Forest Service for requiring recreational opportunities to fit the agency's definition of "sustainable" in order to be allowed on national forest lands.

Greg Mumm, BRC's Executive Director said; "The new planning rules are actually more complex, costly, and procedurally burdensome than the regulations they replace. The agency has utterly failed to meet the guidelines of President Obama's directive calling for regulations to be cost effective, less burdensome, and more flexible. As written, this rule will tie the hands of forest managers and allow preservationists groups to bury any active management in endless litigation."

Mark Cave, President of Cal 4 Wheel expressed concern that the new regulations shift the Forest Service away from multiple use/sustained yield and impose a binding requirement for "ecological sustainability which the agency doesn't define clearly. "The new rules are a recipe for analysis paralysis. It doesn't take any clairvoyance to predict never ending challenge from the environmental community." Cave said.

"The wood products industry tried very hard to convince the Forest Service that these new rules work against forest health and jobs, both of which are vital to rural economies. We commented at every stage in the process. These rules ignore the multiple use mandate given to the agency by Congress. Instead, they focus on single species preservation," said Howard Hedstrom, President of Hedstrom Lumber in Grand Marais, Minnesota, and President of the Federal Forest Resource Coalition. "Going to court against the Forest Service was the last thing on our minds when we launched this coalition last year, but with the impact on jobs that will be caused by the planning rules, we had no other choice."

Parties in the lawsuit include: The Federal Forest Resource Coalition, Alaska Forestry Association, American Forest Resource Coalition, American Sheep Industry Association, BlueRibbon Coalition, California Association of 4 Wheel Drive Clubs, California Forestry Association, Minnesota Forest Industries, Minnesota Timber Producers Council, National Cattlemen's Beef Association, Public Lands Council, and Resource Development Council for Alaska.

The Complaint can be found at http://www.sharetrails.org/uploads/Dkt_1_Complaint.pdf

From the Council Reporter for April 2012

An article written by Brian Waters (from Stone Age News)

Regarding the huge jump in prices for cerium oxide, I thought I should follow up with an article regarding why the price has jumped so much during the last few years and let everyone know of recent events that should eventually bring the price back down. As best I know regarding the price jumps, the reason for it is that 90% of all the rare earth minerals, which cerium oxide is one, available on the market have been being mined in China. It is not that China has most of the available rare earths, they can be found throughout the world, but that, as in so many things, China can mine them at costs well below what it takes in most countries. As anybody that creates and sells things knows, it is next to impossible to compete with Chinese exports regarding prices. This is due to the relatively low cost of labor in China, and the fact that China rarely enforces its own health and safety regulations.

So, a couple of years ago I read an article which stated that China was banning the export of all rare earth minerals, and that this had something to do with a dispute that China had with Japan. Obviously China did not ban their exports for very long because if they did the supply of those minerals would have ran out because as I wrote, China supplied 90% of the world market.

What I very recently found out is that China did resume the export of those minerals, but had put a very steep export tax on them, which had the effect of raising and keeping the price of those minerals high. During the last year or so I have heard of companies, including one in California, that were going to resume mining rare earth minerals because at the market rate of \$30.00 per pound they could make a profit. That should be able to bring the price back down a little bit, but remember that the non China producing mines need the price to remain high in order for them to make a profit. However, at the end of January the World Trade Organization made a ruling that China's export taxes on rare earth minerals was an unfair barrier to free trade and stated that China must cease and desist those export taxes. The United States was the plaintiff that brought this before the WTO.

So, those of us that use cerium for polishing rocks should see the price of cerium start to drop back towards a more reasonable price. On the other hand companies like the one in California that were resuming mining of these materials because the price was so high may not be able to do so if the price drops below their profitability margin.

I have experimented with using different polishing compounds and recently used tripoli on some rocks. Tripoli seems to work ok, but not anywhere near the beautiful polish one can get with cerium. For agates, using Pro Polish gets a nice finish. For jaspers, tin oxide does very well, but tin oxide has always been much more expensive than cerium, and is also one of the above mentioned rare earth minerals. And, as I stated in an earlier article, I haven't found anything besides cerium that will put a good polish on obsidian

Anyway, I'll keep on experimenting and hope that the price of cerium starts to come down quickly.

Brian Waters

From Stone Age News 03/12

OWED TO A SPELL CHECKER

Eye halve a spelling checker, it
came with my pea see,

It plainly marks four my review miss
steaks eye kin knot sea.

Eye strike a key and type a word and weight four
it two say,

Weather eye am wrong or rite it shows me strait
a weigh!

As soon as a mist ache is maid, it nose bee fore
two long

And eye can put the air or rite, its rare lea ever
wrong.

Eye have run this poem threw it, I am shore your
pleased two no,

Its letter perfect awl the weigh. My checker told
me sew.

From The Louisville
Fax News.
via Kyanna Gemscoop
3/99,

A Rockhound's Ramblings-

Lapidary Hint: Working with Rainbow Obsidian

Cut it at an angle of 3 to 15 degrees. The larger the angle of cut
give wider bands of color.

If obsidian seems to retain oil after it has been cut in oil and even
after cleaned in soapy water, place it in a kettle of water, covering it
completely and boil 20 minutes. Stones that retain oil will
not polish well, so this will help you attain the polish you want.

When grinding or sanding obsidian, always work from the center
out, otherwise the wheel and/or belt will pick up glass chips and
scratch. (From Quarry Quips)

You might be a rockhound if

The sign on the side of the road says "Falling Rock" and you pull
over to wait.

Someone talks about cleavage and you don't think about women.
You think the primary function of road cuts is to attract rockhounds.
You find yourself compelled to examine individual rocks in driveway
gravel.

You're planning on using a pick and shovel while you're on vaca-
tion. (FROM The Rock Licker)

2012 OFFICERS OF THE NORTH IDAHO MINERAL CLUB, INC.PRESIDENT—BILL JOHNSON (771-2687 C) 765 3009VICE-PRESIDENT JAMES FINCKBONE 208 752 1838SECRETARY DIANE ROSE, 659-6173 (May-Dec)TREASURER MIKE BURTON (818-6317 C)

HOSPITALITY BOB BOCKMAN 773 5384

MEMBERSHIP MIKE BURTON Show Chairman 2012 BILL JOHNSON 765 3099

NEWSLETTER EDITOR—BEV BOCKMAN

PROGRAMS—CLUB MEMBERS & BEV

WEBMASTER—MIKE BURTON 818-6317 c

ALAA—EVERETT HEADRICK - FEDERATION DIRECTOR EVERETT HEADRICK 772-7643FEDERATION DELEGATE DALE RUPERD 664-2712WSMC DELEGATE OPENREFRESHMENT CHAIRMAN OPENFIELD TRIP OPEN**Ammolite or Ammonite**

The story begins over 65 million years ago during the Cretaceous period when dinosaurs ruled the earth, pterosaurs glided overhead in the skies and the oceans teemed with an enormous variety of aquatic life. Accompanied by tropical climates, the continents were evolving into the shapes and global positions we are familiar with today. During this time the interior of North America was partially submerged under the warm shallow Bearpaw Sea which bordered the developing Rocky Mts. Today part of this region is southeastern Alberta, Canada.

Living in the Bearpaw Sea were many exotic creatures like plesiosaurs which “flew” through the water like penguins as they fished the shallow waters. In addition to such “monsters” were ancestors of modern sea life such as sharks and turtles. One such ancestor were the ammonites, the predecessor to squids and the South Pacific Nautilus.

Ammonites were squid-like creatures with coiled shells containing gas filled chambers which provided buoyancy. Like modern squids and nautilus they propelled themselves through the water with a jet and when threatened, clouded the water with ink as they made their escape. Ammonites needed such speed and defense as they were favored as a delicacy by mosasaurs—another predacious marine reptile.

Sinking its peg –like teeth into the coiled shell, a ravenous mosasaur would extract the ammonite squid shaped body and devour it, discarding the empty shell which then sank to the sea floor. This is where fortunate circumstances came together to create specific conditions for the next step in the birth of a gemstone.

Settling on the sea bottom, the empty ammonite shell was buried in mineral rich sediment carried there by rivers and streams from the young Rocky Mountains. During the fossilization process, the sediment not only preserved the shell but also enhanced the shell’s colors into iridescent greens, reds, yellows and rare blues and violets. In 1981, the International Colored Gemstone Commission recognized this new organic gemstone as Ammolite. With finite supply in a very specific area and only one in a hundred of the preserved shells yielding few gemstones, Ammolite is the rarest gemstone in the world.

CAMP COOKING with Bathilda Rock-shot**Baggy Omelets**

2 large eggs

sausage, bacon, or ham

any of your favorite omelet veggies

shredded cheddar cheese

salt and pepper

Cooking instructions: Crack eggs in a Ziploc bag. Add shredded cheese. Add meat and/or veggies, and salt and pepper to taste.

Squish the eggs several times to break the yolks. Squeeze as much air out of the bag as you can and seal tightly. Place Ziploc in a pot of boiling water for 5-10 minutes. To serve just cut the bag open and enjoy. You can cook several bags in one pot.

Variations—You can make a western omelet with sausage, cheese and bell peppers—just add salsa after it is cooked. Or just make veggie omelets or ham and cheese. You mind is the only limit to options.

From the Rock Licker

Save ALL your cancelled stamps for cancer re-search-bring to meeting, and give to Everett H.

Lake City Rockhound News

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CLUB WEB SITE

www.northidahomineralclub.com

Affiliated with:

THE AMERICAN FEDERATION OF MINERALOGICAL SOCIETIES

THE NORTHWEST FEDERATION OF MINERALOGICAL SOCIETIES

WASHINGTON STATE MINERAL COUNCIL

S.C.R.I.B.E.

2012 ROCK AND GEM SHOWS IN WA., OR., ID., AND MT.

Consult www.amfed.org/nfms for show details.

OCT 12-14 PORTLAND REGIONAL SHOW HILLSBORO, OR.

OCT. 13-14 MARYSVILLE ROCK & GEM-MARYSVILLE, WA

OCT 29-21 HELLS CANYON GEM CLUB-LEWISTON, ID.

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