



ROCK CHIPS

Timpanogos Gem & Mineral Society

August 2011

President's Message

Watch for children walking to school. it is time for School to Start

Keith Fackrell has been struggling with a back which has decided to give up temporarily. He has had an MRI and is waiting for the next step. Meanwhile he has been taking heavy sedation to help him through the day and nights. Keith wants you to know how wonderful he thinks you all are and wants to thank all who has helped the club in any way. There is no way to know everyone who has helped, but you know.

Have fun rock hunting during the summer

Thanks, Keith

Keith Fackrell and the Board Members wants the following put in the August 2011 Bulletin.

- 1) A BIG THANKS to all the members who came to the July Work/Dinner meeting early to help fill Grab Bags, make Wheel of Fortune items and to those who brought grab bags you had sewn. Thanks for the Pot Luck dishes.
- 2) Larry Hathaway wants to thank Joe & Ron Rowans for helping him cook the steaks (which were absolutely delicious!)
- 3) Jerrie Fackrell, besides thanking every who helped fill and tie the grab bags, also wants to thank Larry Marshall and Paul Hartley for bringing the Rock Buckets from the trailer to the table. And for taking the filled buckets back to the Trailer.
- 4) Thanks also to Dick Peterson and those who helped with the Silent Auction Table. GREAT JOB!
- 5) Thanks to those who helped set up Tables and Chairs and cover the tables. And thanks to those who helped put the tables back into trailer.

What a fantastic Club we have!

NOW - We need to ask the members a favor - please be considerate of those behind you in line. Take a reasonable amount of food, but leave some for those at the end of the line also. Thank You. If there is any left, everyone is welcome to go back for seconds.

This is the first time we had more deserts than we had salads. Everything was absolutely delicious! It is so fun visiting with everyone.

We do have GREAT MEMBERS! Our Next Work/Dinner meeting will be held August 31, 2011 and will be Dick's Milk Can dinner. It is So—o—o—o Good!



**I cooked this one, But
I can hardly wait for
Dick's Milk Can Dinner**

**Sep 23-25 Tooele Gem & Mineral Show, Tooele County
Fair Complex, 400 West 200 North, Tooele, Utah.**

ELECTED OFFICERS 2011

President: *Keith Fackrell*. 801.592.0410
 Vice Pres: *Glenn Musick* . 801.375.7445
 Secretary: *Dave White* . . 801.374.8401
 Treasure: *Jean Chatwin* . 801.765.1917

BOARD MEMBERS

Dick Peterson 801.798.8877
Joe Richins. 801.798.9262
Larry Hathaway 801.798.2758

Vickie Hathaway 801.798.2758
Frank Weight 801.489.4040
Dave Johnson 801.225.2758
Harold Chatwin 801.765.1917

Auditors:

Jim Kallin (for 1 year). . 435.864.5401
Karl Powell (for 2 years). 801.766.8705
Tom Hinkler (for 3 years). 801.599.2209

Timpanogos Gem & Mineral Society

<http://www.timprocks.weebly.com>
 Site Author: *Dave Johnson*. 801.225.2758
 Assistant: *Doug Harrison* . 801.226.3721

APPOINTED POSITIONS 2011

Membership: *Nancy Nusink* 801.489.7413
 Program Chairperson: (open)
 Field Trip Chairperson: *Nancy Nusink* . 801.489.7413
Jim Kallin-committee member 435.864.5401
 Historian: *Melanie Ashby* 801.772.0361
 Refreshments: *Larry & Yolanda Marshall* 801.226.2641
 Custodian: *Frank Weight* 801.489.4040
 Assistant Custodian: *Harold Chatwin*. . 801.765.1917
 Silent Auction Table: *Dick Peterson*. . 801.798.8877
 Photo: *Alonzo & Johanna Passmore* . . . 801.967.2093
 Youth Club: *Charlotte/Jerry Davis*. . . 801.754.3831
 Assistant Leader *David Ekins* 801.465.3668
 Federation Representatives:
Mark & Louise Nuzman 801.794.0079
 Public Lands Access Rep. *Jim Kallin* . 435.864.5401
 CLUB BULLETIN
 Editor: *Jerrie S. Fackrell* 801.592.3854
 Mailer: *Mark Nuzman* 801.794.0079
 Sunshine Woman: *Beth Edvalson*. 801.785.2519
 Rock or Gem of the Month: *Vickie Hathaway* 801.798.2758
 Kid's Page: *Susie Howard* 801.768.0110
 Meet your Rockhound Friends: (Open)



Tips By Richard

A few years ago a friend of mine brought a new 6" trim saw to me, saying it would not cut. I tried it and sure enough it wouldn't cut. I tried sharpening the blade and it didn't work. I thought maybe the blade didn't have any Diamonds in it, so I changed blades. This didn't work. I next looked at the pulleys and belt. I decided to change the pulley sizes, putting a larger pulley on the motor and a smaller pulley on the blade shaft. By doing this you can change the blade speed to a faster R.P.M. After doing this I again tried to cut a rock and lo and behold the blade cut.

DICK PETERSON

Anytime you need to change speeds on a piece of equipment, you don't have to change the motor, only the pulleys. There is a formula to figure the speed, but I don't know what it is. You do need to remember that the smaller the pulley on the motor shaft, the slower the speed on the blade shaft. The larger the pulley on the motor shaft, the faster the speed on the blade shaft.

Most of you know what a Bull Wheel Polisher is and the slow speed it uses. This is obtained by using about 1 1/12" pulley on the motor and a 11" or 12" pulley on the polish wheel. Most drive motors are around 1725 R.P.M., but the polish wheel is much slower.





DIGGING IN THE ROCKPILE

BY Vickie Hathaway

Hey everybody! How is your rock hunting going this summer? I'll be glad when it cools off a bit so that Larry and I can escape to the desert and look for stone treasures!

The "rock of choice" for this month is fossilized wood, (quartz group), also called agatized wood.

Fossilized wood is petrified wood with the mineral composition of jasper, chalcedony and, less frequently, opal; it consists of silicon dioxide only. The wood has not actually become stone as is usually understood by the layman. The organic wood is not changed into stone, only the shape and structural elements of the wood are preserved. The expert speaks of a pseudomorphosis of chalcedony (or jasper or opal) after wood.

Well preserved petrification occurs only where trees, after their death, are quickly covered with fine-grained sedimentary rock. Thus the outer structure of the wood is preserved in a negative form among the enclosing rock. It is not a change that takes place, but an exchange. Sometimes this process is so slow that the inner structure of the wood, the annual rings, the structure of the cells, even wormholes, are preserved. It can also happen that the appearance is totally changed by the crystallization process.

The colors are mostly dull gray or brown, sometimes red, pink, light brown, yellow and even blue to violet. The colors become stronger with cutting and polishing.



The most important occurrence is the "petrified wood" near Holbrook in Arizona (US). There are fossilized tree trunks of up to 213ft/65m long and 10ft/3m thick belonging to the araucaria variety of plants. The tree trunks were deposited there from various parts by water about 200 million years ago, and then covered by several hundred yards of sediment. In the course of time, part of the fossilized wood was exposed by weathering from the enclosing sandstone. Nowhere is the fossilized wood as splendidly colored as in Arizona. In order to preserve this natural beauty spot, the "Petrified Forest" was declared a national park in 1962.



There are smaller deposits of petrified wood on all continents. Egypt supplies a good quality (Dscheh Moka Ham near Cairo), as does Argentina (Patagonia). In Nevada (Virgin Valley), the fossilized wood shows beautiful iridescence of opal.

It is used mostly for ornamental objects and decorative pieces (table tops, ashtrays, bookends, paper weights), less frequently for jewelry purposes.

**This is fun, reading about
all these Great rocks!**

Writing Letters

by Dick Pankey, President, ALAA

I have been asked “What good does it do for me to write to my congressman/ senator about a Wilderness Act (or other legislation) that is for another state.”

Well, Tom Noe, an ALAA member from South Bend, Indiana sent me an article he wrote that is a good answer to the question. After you read the following article by Tom, I hope you will be inspired to join with other ALAA members and rockhounds to write a letter to your congressman no matter where you live. A good place to start is with the “Wilderness and Roadless Area Release Act” (HR1581). The Bill provides for the release of over 6.72 million acres of Wilderness Study Area the BLM deems are not suitable for a wilderness designation and should be returned to multiple Use designation.

ALAA supports this bill. To learn more about this Bill and get a sample letter to send to your congressman go to the ALAA web site – www.amlands.org. On the ALAA home page click on “Active Legislation” in the left hand column, then check out the links under “Wilderness and Roadless Area Release Act.” You will find a summary and full text of the Bill, a list of supporters and status of the Bill (which is currently in committee.) This is a prime time for us, for you to have an affect on legislation. You will also find a link to where “Your Elected House Member can be found” and the sample letter for you to send. It doesn’t get much easier than this to get involved with saving access to our public lands. Sending a letter, fax or e-mail to your congressman or senator is really an easy, important and affective way to be involved and to have an effect. Read Tom’s article then follow these simple steps and start participating in our future.

New Jersey Legislators Vote on Wyoming’s Public Lands!

By Tom Noe

That’s right, they do. And so do legislators from Rhode Island, Florida, (Utah), Arkansas, Wisconsin, Kansas, South Carolina and 42 other states. They *all* vote on Wyoming’s public lands. Every senator and every representative of each and every US State casts a vote on public lands legislation. That’s the way Congress works. These are federal laws, not state laws. It doesn’t matter that nearly all public lands are located out West. Every legislator in the US Congress votes on public land bills.

Now, let’s ask ourselves: “Who gets more constituent letters about land-closing bills--NJ legislators or WY legislators?” Probably WY. How many letters do the KY legislators get? Again, probably not as many as in WY, either pro or con. Public land issues are not as newsworthy in NJ and KY. But do those NJ and KY legislators vote? Yes, they do. And do their votes count just as much as the votes of the WY legislators? Yes, their votes count just as much, exactly. And the majority rules.

We know that legislators track the input they get from constituents. Let’s say the WY legislators get an extra 25 letters about some bill, but they have already received 5,000 letters on that bill. Will those 25 letters make a whole lot of difference in those WY legislators’ minds? Doubtful. But consider this: What if the NJ legislators (who have only received 15 letters about that same bill) receive an extra 25 letters? Those 25 letters can make a huge difference. Those 25 letters could be vote changing letters. Those 25 letters could convince the NJ legislators that more NJ constituents want US public lands to stay open than want them to be closed off.

Your constituent letters and emails from AR and NJ and AL and MO and MI and KY (yes, even HI!) can have a lot more impact than the letters of our friends in WY do.

Think about it.



SUNSHINE COLUMN

Cheer and Bless and Brighten every passing day..

If you know of any of our Members that need some special Cheer, please contact Beth Edvalson 801-785-2519.

Bob Rollins says that he has spent so much time in the past in his shop in the basement that it is time to be upstairs with his family. He is not feeling too well or spry but sounded more like himself than when I talked to him a week ago. What a great attitude he has. We will keep you on our prayer list, Bob, and Wyla too.

On Aug. 5th Jim Kallin is to have extensive surgery on his hand. The operation is planned to correct some of the affects of Arthritis and some other conditions in his hand. Please add him to your prayer list too. We surely wish him a speedy recovery. It is hard to live life with only one hand to use. Our Best to you, Jim.

Now on to some Happier News....Again we had the sound affects of a storm attend our Pot Luck Dinner in July. We had some rain come too but better still we had a big crowd including Max Harrison out of the Hospital and Marlene Peterson with her new foot she is learning to use.

Vance Abott is doing fine.....Oh, I forgot to mention that along with our friendly faces, Melody Vermulin (hope I spelled that right) from South Africa fit right in. We were glad to have her visit.

WE MISS ALL OF YOU MEMBERS WHO WERE NOT THERE!

While we were not paying attention Charles Monson's wife Judy passed away. I know that all of you extend your sympathy to Charles and his family. From ObitsUtah.com we found the following.

Judith Lee Jones Monson, 70, passed away peacefully on July 17, 2011. She was born on October 27, 1940 in Walker Mine, Grass Valley, California to Earl and Edith Jones. She married Charles Laverne Monson on April 29, 1960 and they recently celebrated their 50th wedding anniversary.

She was a member of The Church of Jesus Christ of Latter-day Saints and served in many capacities at the ward and stake level. Her greatest love was her family. Friends and family members remember her as "an angel".

She is survived by her husband and children: Peggy Torrens (Dennis), Shelley Monson, Connie Good (Leslie), and Daniel Monson Densley (DeAnn), sisters: Kathleen Smith, Jerrilyn Mortensen, and Meridee Young, Debbie Williams and eight and a half grandchildren.

She was preceded in death by her parents, brothers, Gary E. and Richard Earl Jones and a niece, Christa Sierck.

(Our Prayers are with you Charles.)



Judy Monson

May all of our members stay Well and smiling.....Beth Edvalson

2012 ROCK SHOW

Timpanogos Gem & Mineral 2012 Rock Show

March 16, 17 & 18, 2012

At the Spanish Fork Fair Grounds

475 South Main

Barbara & Ron Shalvis & Pat & Walt Johnson, Chair of the Wheel of Fortune

Need help from the Club members to create about 2500 to 3000 items for the Wheel of Fortune by the 2012 show.

We still need a Grab Bag chairperson(s) to :

- Get members to help:
- 1) Gather rocks for Grab Bags
 - AND
 - 2) Sew Grab Bags for the rocks

We need your help—Please Call **Keith Fackrell** 801-592-0410 or email him at timprocks@gmail.com

Who AM I?

- I am more deadly than bullets.
- I have destroyed more homes than the atomic bomb. I steal, in the U.S., billions of dollars each year. I spare no one, for I find many victims everywhere.
- I find them among the rich and poor, the young and old, the strong and the weak, the educated and the ignorant. I have cast my shadow over every field of human endeavor. Pedestrians and auto drivers, housewives, laborers and executives are numbered among my victims.
- Each year, because of me, there are thousands of additional orphans, widows, and widowers. Each year, because of me, thousands of wage earners are killed. I lurk on every street corner, on every highway, in every home, factory and on every farm.
- I do most of my work silently. Many of you are warned against me, but fail to heed the warning. I bring sickness, poverty, broken bodies and death, yet people do not shun me.
- I kill, I destroy, and I maim you. I am your constant and your worst enemy.
- I AM CARELESSNESS! (author unknown)

*Source: Harrison County G & M soc. 11/09f
From the ESC (Gem, Mineral & Fossil) Archives-August, 1985
Via Strata Gem July/August 2011*

WELCOME TO RETURNING and
NEW MEMBERS!

IRENE GRAY and
KHERNA SHIPP,

Richard Shipp's wife

Watch for School Kids
as they walk to school .
Summer is about over ,
School starts this
month.



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Bulletin Deadline:
Last Wednesday of
every month



OH' THE ROCKS WE'VE

JR ROCK CLUB NEWS



FOUND!

We have had so much fun this summer with the Jr. Club. We have had new family's come and join with us. We have had two very successful Junior Club field trips. The parents are enjoying the activities as much as the kids. Our last trip we went to an Algae Ball site. The road going in was a bit ruff but every car made it.

Next month we are meeting back at the Eldred center to cut and polish the rocks we have found. If you couldn't attend the field trips come anyway as we picked some stuff up for you to have. Remember the First Tues of each Month at the Eldred Center at 7:00 pm. If you have any questions contact Charlotte at 801-830-9228 or Jerry at 801-830-9229 after 4:00 pm. We can hardly wait to see you again.

The following pictures were taken by Johanna and Alonzo Passmore on 2 summer Field Trips. Looks like they had lots of fun!



Topaz Pictures



Woodland Trip



This is a Double Challenge

- 1. Name 100 Rocks, minerals or fossils that can be found in the State of Utah.
- 2. As you write the names, place the letters above the numbers (1 to 100), in the space on the right of this page. This will make a statement about Rockhunting.

The 100 Rock, Mineral or Fossil names were taken from *Gem Trails of Utah*. HAVE FUN!

Azur1te, Ob26dian, Septaria41 Nodules, B61rite, 82alachite,
 Gol99, Pyr69te, Limonite 93ubes, Gastropo49s, Calcium 086lite,
 H19matite, R97tile, Petri6ied Wood, Ge32de, Serpe73tine, Coa17,
 A84ate nodules, Bele53nite, Sha14, Amm36nites, Mag65itite,
 Ga44net, C95alcedony, Sphalerit56, Fossil S79ells, M71llusk,
 Dend21ite, Tril30bite, Aga12e (many colors & patterns pg 108),
46innabar, Alabaste67, Op40l, Horneb23ende, G91ape Agate,
 Hali71e, Trap43 Zoida Crystals, 87ossils, Ech59noderms,
 Yello11 Chalcopyrite, Brachi96pod, Pyrolu55ite, Top88z,
 Vesuvian3te, Fossil 51oral, St63urolite. Rhy76lite, Jaspe38,
 Bery89, Di60osaur Bone, Petri58ied Palm, Crino18s, Coprolit85,
 Staroli52e, Ameth54st, Marb9e, 31olomite, Cher34, Horn C16ral,
 He2imorphite, Fossil Sea Urchin100, Opa5ite, Labrad29rite,
 Smo94y Quartz, Siltsto20e (mudstone), Si90ica, Bi92tite,
 Almandine Gar48ets, Barit80 Balls, Ban35ed Agate, 64odule,
75luorite, Moss A15ate, Q50artz, Li39onite, Plume Agat66,
 Gyps33m, Grani70e, 28alena, Real74ar, B47rnite, Rhombohedra4,
 Cryst83lline, Bixby81te, Pictu77e Stone, Sphal24rite, Bi92tite,
 Smit13sonite, Cry45tal, Cl22ster, Apache 78ears, Limest10ne,
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Follow Me, I can lead you through this. If you think it is hard to figure out, think HOW HARD it was to put together! The answer is at the bottom of this page. HAVE FUN!



I'm going to have to be sharp as an Eagle to get this challenge

I will follow the "Golden Rule" - - - Use good outdoor manners & conduct myself in a manner fitting for the image of all Rockhounds.

FIELD TRIPS and FIELD TRIP LEADERS

| DATE | TRIP | LEADER | PHONE |
|--------------|----------------------------|----------------|----------------|
| August 13 | Milford Area | JIM KALLIN** | 1-435-864-5401 |
| September 17 | Geodes | Need Leader | |
| October | Plume Agate - Nevada, Utah | Larry Hathaway | 801-798-2758 |

by Jim Kallin

Meet at my home (Kallin's home) at 4315 West 2500 North, Sutherland, Utah, at 9 a.m. Saturday, August 13, 2011. We will go to the Cactus Mine, to the Marble Mine and on the way back, if we still have time, we will stop at the Goldsheen Obsidian area. Everyone should have fun.



I KNOW WE WILL FIND RAINBOW PYRITE AT CACTUS MINE



Be sure to Bring Water, Goodies, Personal supplies, a Hat, Sunscreen, a

First-Aid Kit, work gloves, good hammer, steel chisel, Goggles, a bandanna or dust mask, Gathering bags or buckets, Bug Spray, Also Bring a Cell phone (even though in most areas of Wah Wah Valley you can't get out).



WATCH FOR SNAKES.

If you are signed up, but cannot go—call Jim Kallin. If you want to go but have not signed up—call Jim Kallin.

Be sure to fill up your car's gas tank before leaving Delta!

SEPTEMBER 17, 2011 DUGWAY GEODE TRIP

We are excited about our Dugway Geode Trip September 17, 2011, but no one has volunteered to be the Leader. SO - Nancy Nusink, our field trip chairperson will be going though Nephi, past the IPP Plant and to Dugway Geode beds, which she said is traveling asphalt roads most of the way instead of 70 miles on dirt and rock pointed roads. Anyone wishing to go that way call Nancy Nusink on her cell phone at 801-362-7506 to find out where to meet.

We also need someone to volunteer to meet those who are going through Simpson Springs to the Geode Beds. Anyone willing to meet club members at Simpson Springs please call Nancy

7-9-MOAB, UTAH: Annual show; Moab Points & Pebbles Rock Club; Old Spanish Trail Arena, 3641 S. Hwy. 191; Fri. 10-7, Sat. 10-7, Sun. 10-4; free admission; dealers, field trips, spin wheel, door prizes, displays; contact Jerry Hansen, PO Box 186, Moab, UT 84532; e-mail: moabrockclub@live.com; Web site: www.moabrockclub.net



Yes! There are still more Field Trips! I hope they forget their sun screen. I'll make it nice and hot!

REGULAR MONTHLY MEETING

Held the last Wednesday of January, February, March, April, May, September and November at 7:00 p.m. at the Eldred Center, 270 West 500 North, Provo, Utah (back door) June, July and August the work/dinner meetings are held at Shriners Pavilion up Springville Hobble Creek Canyon starting at 4:30 p.m. and the December Christmas Party will be announced later.

JUNIOR CLUB MEETING

For youth 5 to 16 AND THEIR PARENTS is held the First Tuesday of each month at 7:00 p.m. at the Eldred Center, 270 West 500 North, Provo, Utah (back door) unless otherwise stated. You are still invited to be part of the regular meeting held the last Wednesday of the each month.

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BOARD MEETING held on the first Tuesday of each month at 7:00 p.m. at the Eldred Center, 270 West 500 North, Provo, Utah (back door)

Timpanogos Gem & Mineral Society

P. O. Box 65

Provo, Utah 84601

Forwarding Service Requested

