

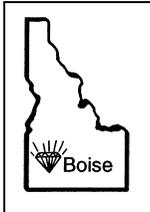
# Grindings

**Idaho Gem Club, Inc.**

P.O. Box 8443  Boise, Idaho 83707-2443

VOL 73 NO 3

March 2013



## BOARD OF DIRECTORS

**Brent Stewart**  
President  
863-9336

**Willa Renken**  
1st Vice President  
362-3941

**2nd Vice President**  
**Phil Neuhoff**  
939-4508

**Ed Moser**  
340-8060

**Jim Clinton**  
283-8891

**Deana Ashton**  
794-5628

**Melodee Worley**  
322-5985

**Phillip Worley**  
322-5985

**Barb Carey**  
435-282-0061



## SECRETARY

**Melodee Worley**  
322-5985

**TREASURER**  
**Kathy Griffin**  
467-9286

**NFMS DIRECTOR**  
**Charles McCreath**  
344-5085

**EDITOR**  
**Tony Griffin**  
467-9286

highdesert2003@q.com

**CLUB WEB SITE**  
www.idahogemclub.com

## President's Message

Another great show this year! None of it would have been possible without all the great help we had from set up to tear down. The Show is a lot of hard work; we had a lot of help from some new and current members. So many areas of thanks need to be addressed from the demonstrators, those who put in display cases, activities for the kids, admissions and hospitality. Several jobs that just go on throughout the year such as gathering for door prizes and tumbling stones and grab bags. Thanks again to all of you.

Thanks to Charlie Smith for serving his last year as our show chairman. Charlie has done an amazing job serving as our show chairman for the past 25 years. Another thanks goes out to Doug Renken for doing a wonderful job as Assistant show chairman. Thanks to Kevin Watson for his service in setting up the show. I would also like to thank Jim Witt for all of his years of service for doing a great job setting up the back light room. Thanks to Aaron Wanner for stepping up to take over Jim's job and for the use of his trailer. The Club appreciates all their hard work.

Spring is just around the corner and the rocks are calling to us. I am sure everyone wants to get out to the hills to feel the dirt under our feet and dig. I know that the best part of being in the club is rock hounding for both new and old members alike. Our first official field trip will be on the 23rd of March to Queenstone, one of our club claims. See the field trip report inside this "Grindings" for more information.

We have quite a few new members that joined our club at the Rock & Gem show this month. If you see some new people in our midst, please make them feel welcome!

Hope everyone enjoyed the Owyhee Gem Club's show the weekend after ours. They always put on a nice show so I hope our club showed lots of support by going over to Caldwell.

We just returned from Turlock CA. They really put on a great show and the weather was amazing. Spring was in full gear down south, flowers were in full bloom giving us a preview of what's around the corner for us here in Idaho. With spring around the corner, so is rock hunting season...cant wait!

*Brent Stewart*  
*President*

**Happy St. Patrick's Day**

**MINUTES OF THE IDAHO GEM CLUB  
GENERAL MEETING  
February 19, 2013**

President Brent Stewart called the meeting to order at 7:30pm.

The Pledge of Allegiance was led by Aaron Wanner.

We had six guests present.

Door prizes were drawn for thirty adults and six junior winners.

Building Fund-- no prizes were drawn this evening, due to Dick Corbett being late.

Motion to accept the minutes as printed in the "Grindings" was made by Willa Renken and seconded by Ed Moser; the motion carried.

Secretary report-- the current count on grab bags is 823. I've also gotten our normal mail and a new magazine for the library. I also verified the new information for the NFMS 75th Anniversary Show in Butte, MT.

Treasurer's report-- Kathy spoke of balances and disbursements.

Federation report-- Charles didn't have anything new to report, he's awaiting his copy of the newest NFMS Newsletter.

Library report-- I've received the new Rock & Gem Magazine for the library which will be open at break time.

Junior's report--Ed has gotten 6 of our junior's to set up display cases for our upcoming show. Ed has also been given

some polished donated materials he'll be passing out in the junior's meeting. Doug Renken reminded everyone of the loading of show materials to take place on Thursday the 21st at 1pm, which is located at Lock Away Storage on Chinden. Set up will take place at 8am, Friday the 22nd and tear down will occur after 5pm on Sunday the 24th. Anyone able to help would be greatly appreciated.

There are sign-up sheets available for the numerous volunteer positions at the show.

New business—some members would like to post the Gem Show Flyers at business locations in the area. Just a reminder, be sure to speak with the customer service desks at these locations, get permission for posting flyers or they will take them down.

Grab bag prizes for the winning sewer's were given out at Stewarts Gem Shop. Thank you again for your hard work in making this challenge a great success.

Break was called 8:15pm.

The program for this evening was given by Eugene Stewart "How to set up a Display Case".

The meeting was adjourned at 9pm.

*Respectfully submitted,  
Melodee Worley—Secretary*

## MINUTES OF THE IDAHO GEM CLUB

Board Meeting  
March 5, 2013

President Brent Stewart called the meeting to order at 7:35pm.

Boards Members present were Willa Renken, Ed Moser, Phil Neuhoff, Phil Worley, Melodee Worley, Barb Carey, and Jim Clinton; Deana Ashton was not present.

Officers present were Melodee Worley and Kathy Griffin; Charles McCreath was excused due to Shirley being ill.

Guests present were Doug Renken and Barbara Wanner (our new Treasurer in training).

A motion to accept the minutes as printed in the "Grindings" was made by Willa Renken and seconded by Ed Moser; the motion carried.

Secretary's report-- I've sent a "Thank You" card to Lynn Blanchard in c/o her daughter, Diane Perkins, for her donated sewn grab bags (80). Cathy Parsons had donated additional tumbled rocks for grab bags. She has also given a labeled specimen box to our Junior's.

I've given Ed Moser a "Thank You" card for Bill Anderson, for his recent tumbled donations given to the Junior's.

Treasurer's report-- Kathy spoke of balances and disbursements and has also supplied some preliminary information on attendance and monies from our recent Rock & Gem Show.

Federation report-- there was nothing available.

License plates report-- none available.

Programs-- Phil Neuhoff is in the process of contacting individuals to present programs and is confirming these details. Phil also mentioned there is a new rockhounding books out for sale: "Gem Trails of Idaho and Western Montana"; by Lanny Ream.

Field trip report-- Phil Worley said our first out-

ing will be to our Queenstone Claim; we will meet at the ION Station outside of Marsing at 7am and leave at 7:30am. Of course, all of our outings are subject to weather conditions. More information will be posted about other outings planned for this season of rockhounding.

Junior's report-- Ed wants Junior's "TO BRING YOUR FOLDERS"!!!

Old business--none at this time.

New business-- Brent will contact Deana Ashton about sending flowers to Patsy Bethel. Roy & Patsy recently lost their oldest daughter; our thoughts and prayers go out to Patsy and her family in their loss.

We had fourteen new membership applications; a motion to accept those applicants was made by Willa Renken and seconded by Phil Worley; the motion carried!

The meeting was adjourned at 8:50pm.

*Respectfully submitted,  
Melodee Worley - Secretary*



Congratulations to the Longbottoms - they won this years cathedral amethyst.

### Silent Auction Table

I would like to give a **BIG THANK YOU** to all the wonderful volunteer's I had at the silent auction table this year. All the slots were full and we had a few floaters available also. I didn't grab the signup sheet off the table before the break down at the end of the show so if I forgot to list your name please forgive me. Larry Friend, Bill Belknap, Carl Woodland, George Cawthon, Melodee Worley, Ron Mummey, Don Nafus, Ilse Schreiner, Deb Knudsen and Diane Perkins.

I would also like to give a special shout out to the following club members who dropped off rocks and other material to me just before or during the show for the club's silent auction table. Charles & Shirley McCreath, Jim & Belle Witt, Richard & Sue Clark, Jim Clinton, George & Karol Cawthon, Ron Coolbaugh, Roy & Patsy Bethel, Marion Philips, Ron & Jean Dingley and Jim Storey. Thank you from the bottom of my heart for all your donations!

I purchased some floor mats earlier this year to help the feet and knees while standing on the concrete. I miss calculated how many I would need to encircle the silent auction arena. I will make sure there is enough to go all the way around for next year.

Thank you very much everyone for making this year's event a pleasure to participate in.

Best regards, Cheryl Link

Silent Auction Table Chairperson



### Public Lands Notice

One of the reasons Idaho became a territory 150 years ago was for the government to have access to the minerals that are available in this part of the country to help pay for the Civil War.

Now, We The People are 'slowly' losing our rights to public lands.....the government is shutting us out.

On Monday 18 March 2013 from 11am to 1pm there is to be a gathering on the Statehouse steps concerning Our rights to have access to our public lands.

Would you please pass this info on to the membership of both Gem clubs. Both Gold clubs in the valley, the ATV clubs, other organizations, and ALL people who use Idaho's great outdoors for any activity - - be it hunting, fishing, horse back riding, bird watching, or just for family camping trips.....any and all who partake of our public lands, we need to have those folks in attendance.

The past president of Idaho Gold Prospectors Association, Gary Scott, and current member of both IGPA and Nampa Gold Prospectors Association of America is spearheading this gathering. He can be contacted at [gsscott@cablone.net](mailto:gsscott@cablone.net)

Thank You for helping to spread the word!  
Elaine Okander

### March Program

Phil Neuhoff will discuss an interesting group of minerals called zeolites, including places nearby where they can be found.

## Galactic Pinball

Recent astronomical events have put on a show and instilled more than a little fear. The bolide meteor over the Ural mountains in Russia only hinted at the damage that they can cause. Most of the injuries were caused by breaking glass. Think about it, wouldn't we run to look out the windows to see this as well. At five miles up, the shockwave should be about a minute after you saw the explosion. NASA now thinks it was a thousand times bigger than they originally thought, about 55 feet across, 10,000 tons, with a 500 kiloton blast. It's interesting to note that Russia also has conspiracy theorists, but to me, it is just an incredible display of interstellar friction. I'm hoping we will soon get a professional analysis of its type. Of course there was also the larger asteroid that was a near miss.

Keith Bacus - President

## MARCUS WHITMAN GEM AND MINERAL SOCIETY

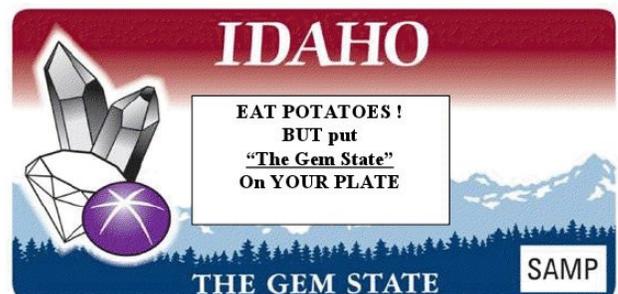
More information can be found with an internet search on "bolide meteors", or "Russian meteor".



Two links for additional newsletters we receive as members of the rock club.

NFMS—Newsletter available at:  
[http://www.amfed.org/nfms/documents/NorthwestNewsletter/NW01\\_0213.PDF](http://www.amfed.org/nfms/documents/NorthwestNewsletter/NW01_0213.PDF)

AFMS—<http://amfed.org/news/default.htm>



Purchase the Earth Science/Lapidary Special Interest License plate for your Vehicle or RV  
 At your local Idaho DMV or online!  
 Current registration credited towards purchase.  
 Proceeds benefit Idaho K-12 Earth Science Education.

HAPPY



BIRTHDAY

**MARCH**

3/5 Gene Alvey  
 3/6 Jean Dingley  
 3/6 Jason Madsen  
 3/6 William Seaman  
 3/7 Judy Blodgett  
 3/7 Ronald Dingley  
 3/13 Barbara Wanner  
 3/15 Hannah Chase  
 3/15 Dave Webster  
 3/16 Kyle Thornock  
 3/17 Aaron Chase  
 3/18 Vicki Bickford  
 3/18 Ivy Gomm  
 3/19 Eve Gimmel  
 3/19 Tanra Snodgrass  
 3/20 Eeva Jackson  
 3/22 Andrew Housh  
 3/25 David Ferguson  
 3/28 Edward Blondin  
 3/28 Larry Friend  
 3/28 Gene Stewart  
 3/28 Jacque Yandle  
 3/29 Roger Coates  
 3/30 Diana Harshman  
 3/30 Heather Madsen

**March Birthstones**

Faceted - Aquamarine  
 Cabochon - Bloodstone

**APRIL**

4/1 Ryan Kinnaird  
 4/2 Eric L. Bale  
 4/2 Tom Hinkler  
 4/3 Karen Beers  
 4/3 Marcy Belcoe  
 4/3 Rochelle Smith  
 4/4 Jerry Adamson  
 4/10 Douglas Williams  
 4/11 Marian Alvis  
 4/13 Tony Lamansky  
 4/13 Edwin Moser  
 4/13 Rick Olmstead  
 4/14 Liam Baron  
 4/15 Dorothy Snowball  
 4/17 Jim Da Silva  
 4/17 Jeanmarie McAvoy  
 4/20 Dalina Chase  
 4/21 Katherine Luercher  
 4/22 Willa Renken  
 4/23 Kevin Kinnaird  
 4/24 Sarah Chase  
 4/27 Terry Belcoe  
 4/28 Kyleigh Jackson  
 4/28 Pam Montgomery  
 4/28 Jim Yandle  
 4/29 Dennis Montgomery

**April Birthstones**

Faceted — Diamond  
 Cabochon — Rock  
 Crystal

**Dates To Remember****GENERAL MEETING**

3rd. Tuesday of every month  
 March 19, 2013

Church of the Brethren  
 2823 N. Cole Road, Boise, Idaho  
 Meeting Starts at 7:30 p.m.

**BOARD MEETING:**

1st. Tuesday of every month  
 April 2, 2013

Church of the Brethren  
 2823 N. Cole Road, Boise, Idaho  
 Meeting Starts at 7:30 p.m.

**March Refreshments**

Chair: Deana Ashton 794-5628  
 Mike Dimick 938-2910  
 Brent Stewart 863-9336

**REFRESHMENT COMMITTEE GUIDELINES**

Need approximately 15 dozen cookies.  
 Wrapped door prizes are also needed.

Arrive early enough to set up the chairs. The chairperson brings the coffee urn, coffee, punch, cream, sugar, cups and napkins.

Afterward, put meeting tables & chairs away, clean kitchen and sweep the room. Gather and take all the trash with you. Don't forget it is the responsibility of the chair for the coming month to pick up the coffeepot, take it home and bring it the next meeting.

**April Refreshments**

To Be Arranged

We need Volunteers!

**THE GRINDINGS**

is the monthly newsletter of the Idaho Gem Club, Inc., associated with the Northwest Federation of Mineralogical Societies. Permission to copy is freely granted when proper credit is given to both the publication and the author. Articles without bylines are written by the Editor or President.

CHECK OUT THE CLUB WEBSITE!

[www.idahogemclub.com](http://www.idahogemclub.com)



Deana Ashton is our Sunshine Lady

Her job is to send some cheer to members who are ill, in need of prayers, or need some cheering up. Deana needs your help in accomplishing this, you can help by letting her know of anyone that is in need of a little sunshine. Deana will send a card or flowers depending on their situation or occasion.

Deana's phone number is 794-5628



A great new book is out: "Gem Trails of Idaho and Western Montana"; by Lanny Ream.

<http://www.amazon.com/Gem-Trails-Idaho-Western-Montana/dp/1889786519>

### YESTER YEAR JULY 1970

The field trip will be to Rock Flats for Sapphire. The club is looking into sanitary facilities for the field trips, which has been needed for a long time. Glen Barker is still looking for some of the clubs missing assets.

The projector was reported satisfactory and was paid for. A first aid kit was bought for the field trips and any show emergencies.

An Auction to benefit the Clarence Bryant family was held before the regular meeting, which did not start until 8:30.

The case the club entered in the Great Falls, Montana show won second place in the master faceting division, Twin Falls winning first place.

Ned Ramsey led the club field trip for pink and green plume agate, this is close to the Caldwell Claim, but on a different road. Lloyd Douglas had made a cart to push and brought some large pieces off the hill. (All I did was fall down the first hill-fun) The next club trip was to the Bruneau area for petrified wood, fossilized snail, bone, fish vertebrae, and pinecones.

*In Loving Memory  
Patsy Bethel - Historian*



**Rocky Rattlers**  
Juniors need to bring their folders  
to the meeting this month

## Field Trip

**Our first outing will be to our Queenstone Claim; we will meet at the ION Station west of Marsing at the intersection of Highway 55 & Highway 95**

**Meet Time: 7am and leave at 7:30am.**

**Of course, all of our outings are subject to weather conditions. More information is posted about other outings planned for this season of rockhounding on page 11.**

*Happy Hounding*  
*Phillip Worley*  
*Field Trip Coordinator*



## Federation & Other Club News More Dates to Remember

**Lot's of other good things going on throughout Idaho and Oregon**

**SE. Idaho Gem & Mineral Society**

**April 6th 10am - 6 pm**

**April 7th 10am - 5 pm**

**Bannock Co., Fairgrounds Commercial Building  
 Pocatello, Idaho**

**Idaho Falls Mineral Society**

**Annual Rock Show**

**April 13th 10am — 6pm**

**April 14th 10am—5pm**

**Idaho Falls Recreation Center  
 530 Memorial Dr.**

**Idaho Falls, Idaho**

**Madras POW POW**

**June 26th—June 30th**

**Jefferson County Fairgrounds**

**Madras, Oregon**

**[www.allrockhoundspowwowclubofamerica.com/](http://www.allrockhoundspowwowclubofamerica.com/)  
 #!madras-flyer**

**Nyssa Thunderegg Days**

**<http://www.nyssachamber.com/>**

**2013 schedule not yet available**

**Nyssa School Grounds,**

**Nyssa, Oregon**



## WHERE TO FIND BEACH AGATES IN OREGON

There are many good spots along Oregon beaches to find jasper, petrified wood, and fossils. Agates are more likely to be found from December to March, especially after storms. Agates come from erosion of cliffs along beaches and rivers where they wash out to the ocean and get polished in the surf over time. In the summer, agates on sandy beaches are deep beneath the sand. Winter storms remove sand and expose the agates underneath.

**Cannon Beach to Cape Falcon:** Access this area by way of Arcadia Beach, Tolovana Beach, Hug Point, Cove Beach, and Short Sand Beach.

**Tillamook Bay:** Along Bay Ocean Road you can find marine fossils, agate, and jasper.

**Netarts and Oceanside:** The beach between Netarts and Oceanside has gravel deposits where you can find agate, jasper, sagenite, zeolite, and "Oregon jade" (garnet).

**Lincoln City:** Here you can find agate, jasper, "Oregon jade," and fossilized coral.

**Otter Rock to Newport - Beverly Beach, Moolack Beach:** Agate, jasper, petrified wood, and fossilized clam and mollusk shells can be found here. Agate beach is no longer a good place to find agates, they are under many feet of sand.

**Beverly Beach** is the place to go if fossils are what you dig. During the winter, rocks wash up onto the beach that are loaded with fossil clams and snail shells. Even if the beach is bare, check the creeks along the beach - you can find fossil clam shells the size of your hand embedded in the rocks!

**Newport north jetty:** Interesting agates can be found here under the bridge.

**Waldport Bay:** Along the north side of Waldport Bay small but nice agates can be found.

**Yachats to Florence** These are some of the best rock hunting beaches in the state because there are 4 creeks that empty here - Cummins, Tenmile, Big, and China Creeks. There are several parks that access the beach in this area: Agate Point, Neptune Beach, Stonefield Beach, Roosevelt Beach, and Washburne Beach. Here you can find colorful agates, agates with inclusions, petrified wood, chalcedony, bloodstone, and jasper.

**Cape Arago,** especially north and south facing inlets trap agates. You can find multicolored flower jasper, banded agate and petrified wood here.

For more information go to <http://people.oregonstate.edu/~wilsolau/agates.html>

Via: The Rock Licker, March 2013

## Bench Tips

### *Just A Drop*

Hobby shops and model airplane stores carry small plastic dispenser bottles that are handy bench items for putting a drop of flux, oil or glue just where you want it. They have a length of small metal tubing coming out the top that lets you squeeze out very small drops.

I use one with a short length of tubing for oil when I'm sawing or when drilling harder metals like steel. Another bottle I found in a plastics store has a longer length of metal tubing on it. Plastics people use them for dispensing fast drying glues used to join pieces of acrylic. The long metal tube lets you reach into tight places, and these are very handy for flux at the soldering station.

### *DRILLING A STONE*

One of the things my students often ask to do is drill a hole through a piece of gemstone. The usual thought is to get a diamond drill, but I've been disappointed with them. I think the reason is that the tip of the drill is just pivoting in the hole and fails to cut well. When it looks like the drill isn't cutting, the tendency is to push with more force. The drill gets hot, and the diamond grit falls off.

A much better approach is to use a core drill. This is a small hollow tube with a coating of diamond grit at the business end. The diamonds easily carve out a circular arc without undue pressure or heat buildup.

Core drills are readily available from lapidary and jewelry supply companies. They come in sizes as small as 1mm and are very reasonable in price. For instance, a 2mm diameter drill is about \$6.

Chuck up the core drill in a drill press or a Foredom and be sure to keep the drilling zone wet to cool the tool and to flush out debris. Also, if you're drilling a through hole, go very easy on the pressure as the drill is about to cut through. Otherwise you will usually chip off some of the stone surface around the hole.

Attribution requested with each publication:

More Bench Tips by Brad Smith are at [facebook.com/BenchTips/](https://www.facebook.com/BenchTips/) or see the book "Bench Tips for Jewelry Making" on Amazon

## Welcome New Members

### Members that joined in the previous 4 months

**Ben Harju & Beth Rouse**  
500 West Franklin St.  
Boise, ID 8372-4553  
568-1559

**Jason & Tasha Hathaway**  
Cameron  
2730 W. Heron  
Boise, ID 83702-2342  
869-9304

**James Kennedy**  
603 San Felipe Way  
Boise, ID 83712-6518  
914-3069

**Patrick & Katie Vanderbeek**  
2263 N. Dalton Lane  
Boise, ID 8374-6800  
989-5751

### Members that joined at our 2013 Annual Show

**Doyle & Vickie Caldwell**  
2705 Wildflower Dr.  
Nampa, ID 83686-7177  
466-2017

**E. Leo & Una Cloyd**  
Michael  
7208 W. Dickman Rd.  
Melba, ID 83641-6000  
559-5471 or 866-3129

**Leon K. Doar**  
1791 E. Myrtle Beach Ct.  
Eagle, ID 83616-5365  
861-6080

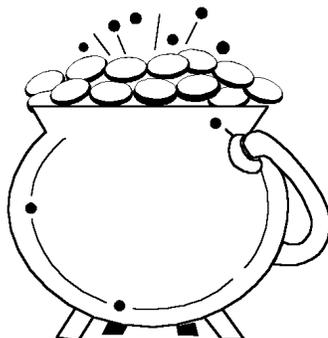
**Dave Dore & Arlene Pardrase**  
291 N Redway Rd.  
Boise, ID 83704-6062  
378-0771

**Martin Elliott**  
2622 Boulder Ave  
Nampa, ID 83686-1210  
484-7274

**David R. & Kay Ferguson**  
156 S. Cobblestone Way  
Eagle, ID 83616-4961  
484-4609

**Dennis & Amy Halladay**  
2462 E. Meadowgrass St.  
Meridian, ID 83646-8081  
888-3800

(continued at top of next column)



(continued from previous column)

**Jeri Kelly**  
HC 66 Bx 6640  
McCall, ID 83638-9601  
636-3468

**Matthew Leslie**  
2114 S. Coloma Way  
Boise, ID 83712-8507  
571-6799

**Heidi Linzbach**  
4402 N. Montelino Way  
Meridian, ID 83646-4976  
585-4298

**Donna Mayhew**  
20140 Colebrook Ave  
Caldwell, ID 83605-7987  
455-9236

**Jo Ann Mancini**  
381 Silver City Dr.  
Boise, ID 83713-8064  
602-2673

**Ron Mawson & Pam Clemmons**  
6291 S. Peppertree Ave  
Boise, ID 83716-7113  
906-2224

**Bob & Mary Ruppert**  
651 NW 15th St.  
Meridian, ID 83642-2471  
789-7575 or 789-7576

Please welcome all of these new members as you meet them!



Here are the field trips to be held in 2013.

- 03-23-2013 Queenstone claim's
- 04-20-2013 Wangdoodle claim
- 05-25-2013 Graveyard Point claim
- 06-20-23-2013 McDermitt
- 07-20-2013 Dismal Swamp
- 08-24-2013 Hooker Creek
- 09-21-2013 Haystack Butte
- 10-19-2013 Texas Springs

The club's Queenstone Jasper claim's will be 03-23-2013. Tools needed will be pick's, shovel's, rock hammer's, screens and four prong rake. Bring plenty of sunscreen, water and snacks. We will meet at the ION station west of Marsing, Idaho where Hwy 55 meets Hwy 95 at 7:00am. High clearance vehicles are required, four wheel drive recommended. You may drive a car and park on Sommer Camp Rd and walk in about a tenth of a mile or hitch a ride with someone else. Hope to see everyone there. Happy Hounding.

Phil Worley, IGC Field Trip Coordinator

## Rockhound "CODE OF ETHICS"

I will respect both private and public property and will do no collecting on privately owned land without permission from the owner.

I will keep informed on all laws, regulations or rules governing collecting on public lands and will observe them.

I will, to the best of my ability, ascertain the boundary lines of property on which I plan to collect.

I will use no firearms or blasting material in collecting areas.

I will cause no willful damage to property of any kind such as fences, signs, buildings, etc.

I will leave all gates as found.

I will build fires only in designated or safe places and will be certain they are completely extinguished before leaving the area.

I will discard no burning material - matches, cigarettes, etc.

I will fill all excavation holes which may be dangerous to livestock.

I will not contaminate wells, creeks, or other water supplies.

I will cause no willful damage to collecting material and will take home only what I can reasonably use.

I will practice conservation and undertake to utilize fully and well the materials I have collected and will recycle my surplus for the pleasure and benefit of others.

I will support the rockhound project H.E.L.P (Help Eliminate Litter Please) and will leave all collecting areas devoid of litter, regardless of how found.

I will cooperate with field trip leaders and those in designated authority in all collecting areas.

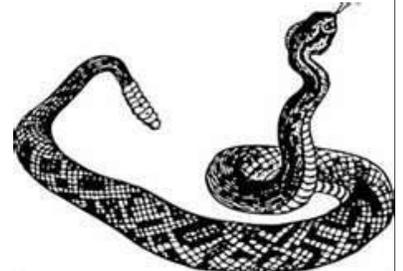
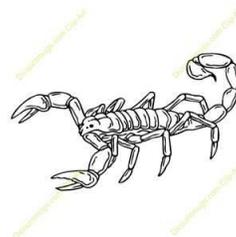
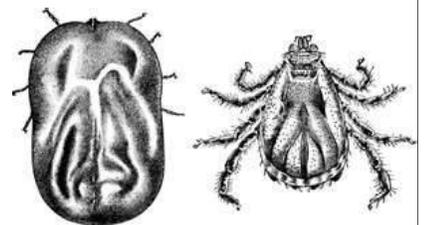
I will report to my club or Federation officer, Bureau of Land Management or other authorities, any deposit of petrified wood or other materials on public lands which should be protected for the enjoyment of future generations for public educational and scientific purposes.

I will appreciate and protect our heritage of natural resources.

I will observe the "Golden Rule", I will use Good Outdoor Manners and will at all times conduct myself in a manner which will add to the stature and Public Image of Rockhounds everywhere.

### Watch out for these critters when you are rockhounding!

female & male tick



The purpose of the Idaho Gem Club is to promote mutual, educational and scientific interests and benefits of its members in mineralogy, geology, gemology, the art of lapidary and kindred arts and sciences.

**Dues:**

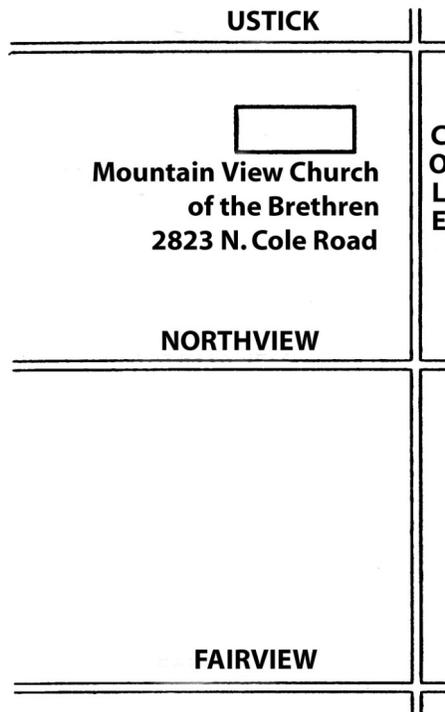
- ..... \$17.00 per person
- ..... \$20.00 per couple
- ..... \$23.00 per family

**Subscription:**

- ..... \$10.00 per year

**General Meeting:**

- ..... 3rd. Tuesday of each
- ..... Month at 7:30 p.m.



The Whangdoodle Bird  
(Often seen on field trips)



**Idaho Gem Club, Inc.**

P.O. Box 8443  
Boise, Idaho 83707-2443

