


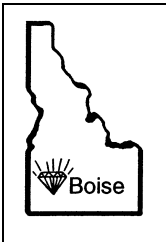
Grindings

Idaho Gem Club, Inc.

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

VOL 71 NO 7

July 2011



BOARD OF DIRECTORS

Brent Stewart
President
863-9336

Willa Renken
1st Vice President
362-3941

Jason Madsen
2nd Vice President
378-4666

Phil Neuhoff
939-4508

Ed Moser
340-8060

Rick Corbett
383-9930

Deana Ashton
794-5628

Dan Phillips
585-3019

Jim Clinton
283-8891



RECORDING SECRETARY

Ben Nunez
853-6710

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

I hope everyone had a safe and fun 4th of July! I spent my 4th driving down from a wonderful trip up at Emerald Creek Garnet Dig. I have seen lots of great garnets that have been coming out from the fee dig this year. I am very excited for the Club to take a weekend field trip up to Emerald Creek next year.

The General meeting for July and August will be at the Old Timer's Shelter in Ann Morrison Park at 6:30 pm. There will be a potluck and an auction with choice material to follow. Please come and join the fun and bring a hot or cold dish to share. This is a great time to socialize and show off your culinary skills along with acquiring some nice material from the auction. The Club provides the drinks and ice cream but you will need to bring your own table service. The Old Timer's Shelter in Ann Morrison Park is off 9th Street and Royal Blvd. See map inside for directions. Remember there will be an auction after each picnic so if you have a rock or item you would like to donate for this it would be greatly appreciated. Our auctions go toward off setting the cost of your Banquet each year so the funds are applied to help with this event.

Our last field trip was out to Texas Springs and what a huge success. Everyone found some nice wood thanks to Jim Clinton who helped show us to the different locations. As a member of this Club my goal is to get all ages interested in our wonderful hobby, this is how the Club will stay strong for years to come. I would like to showcase one of our newest members Jobecka Thompson and soon to be member Greg Biebel as they show tons of interest and enthusiasm. I will always go the extra mile to help new members learn our hobby.

Our next field trip will be to Silver City. You will find more details inside this issue of Grindings. I hope you are all planning on joining us.

There are some great ideas for the Project of the Year Contest. I encourage everyone to participate in this event as our Club has lots of great talent. Back by popular demand we will have a Junior's Project of the year. The media can be anything, as long as the project is related to earth science or lapidary. The project should be made within the last year, and made by the person who submits it. Just another 6 months so get busy kids of all ages and show off your talents.

Brent Stewart

President

MINUTES OF THE IDAHO GEM CLUB BOARD MEETING ♦ July 5, 2011

Brent Stewart called the meeting to order: 7:33 p.m.

Board members present: Brent Stewart, Willa Renken, Dan Phillips, Jim Clinton, Rick Corbett, and Ed Moser.

Officers present: Ben Nunez, Chuck McCreath

Guests: Tony Griffin, Pat McCreath

Any corrections to the minutes: No corrections

Motion to accept minutes as published in "Grindings" by Willa Renken, 2nd by Rick Corbett. Motion carried.

Secretary's Report: New issue of rock and gem! Come find it in the library, it will be there by the next meeting due to Aaron's absence.

Treasurer's Report: Updated May statement from interest on bank statements, Kathy Griffin being represented by Tony Griffin. Report was given by him and discussed amongst the board's members.

Federation Report: Given by Charles McCreath: for the annual federation show, no resolutions at this time. Any questions or concerns need to be brought to Chuck by the July meeting. On another note our thoughts and prayers go out to Kathy Moedl and the rest of the Moedl family as her husbands missing body has been recovered. May he rest in peace!

Committee Reports:

Field Trip: 8 members and 5 guests attended the over night field trip, everyone got more than a little of bog wood and pink limb cast! Look forward to the next gem club field trip out to our Silver City for crystals! (Date undecided)

Program: Auction after the meal at our club picnic at the Old Timer's Shelter! Bring something to donate for the auction!!

Mining Claims: Discussed issues with Sunstone claims. The plan of operation has been resolved, claims remain open to members!

Juniors: We greatly appreciate all who have donated material to the juniors! All juniors will not need their folders until September!

Workshop: The workshop will be open on the 21st of July at 6:30 p.m., come learn and practice your lapidary/ wire wrapping skills!

Old Business: none discussed

New Business: Bring your favorite dish to the picnic along with your best table service! The picnic will be at the Old Timer's Shelter off of Royal Boulevard, bring some material to auction off!

Public Education demonstration: Kathy Griffin, Brent Stewart, and Aaron Wanner gave a geology presentation and delivered a great deal of knowledge to those attending an NNU Augmentative Communication Camp! Everyone in attendance was given more than a few pieces of geologic material. Hope to see these people in the gem club some day!

Membership applications: Barb & Bill Carey, Debbie Baldwin, Jordan Lindsay, John & Mary Munson! Welcome to the club all new members!

Motion to accept these new families by Willa Renken, 2nd by Ed Moser. Motion carried!

Meeting adjourned at 8:50 p.m.

Respectfully submitted,
Ben Nunez
Secretary

MINUTES OF THE IDAHO GEM CLUB GENERAL MEETING ♦ June 21, 2011

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

The Pledge of Allegiance was led by Jim Storey.

Guests were introduced.

Junior door prizes were given out.

There was a correction to the minutes, Kathy Moedl was changed to Grant Moedl as missing. Ed Moser motioned to accept the minutes with the corrections and Kathy Griffin seconded the motion.

Secretary's Report – Brent Stewart read a thank you letter from Patsy Bethel.

Treasure's Report – Kathy Griffin discussed the balances and disbursements of the club's accounts.

Federation Report – Nothing to report.

Field Trip - Aaron Wanner discussed the upcoming field trip to Texas Springs for pink wood.

Junior's Report – Ed Moser presented onyx apples to the juniors that were donated by he and Deanna Moser. He also presented material the juniors that was donated by Marion Philips.

License Plate – Charles Osgood discussed the origin and an update for the Idaho Gem Club Plate.

Workshop – Willa Renken discussed the upcoming workshop program to be led by Brent Stewart on cutting star garnets.

New Business:

Chuck McCreath discussed an opportunity to purchase Alaskan Jade.

Marion Phillips is having a rock sale June 24th and 25th at Glenbriar Park, 7006 Garden Glen Lane in Boise.

Next month's meeting will be at Ann Morrison's Park by the Old Timer's Shelter.

Tonight's program was an auction.

The meeting was adjourned at 8:15 pm.

Collect & Identify Rocks

O v e r v i e w :

You can look for rocks in many places. Quarries, of course, are a good place to hunt. Other kinds of excavations, such as riverbeds, ravines, and even school playgrounds may yield interesting specimens to a curious collector. In some places it may be necessary to get permission to collect. This type of activity can be incorporated into any geology class. It lets students apply what they know. Let your students become the investigators for this activity.

Materials:

Rock identification book	Adhesive tape
Strong canvas bag	Gloves
Hammer	Vinegar
Chisel	Unglazed white tile
Newspaper	Egg carton or muffin tin
Notebook and pencil	

P r o c e d u r e :

Use the geology section of the Digital Atlas of Idaho. To get there: Click on Atlas Home, Geology, Basics, then on [Diagrams](#). Also use the rock section for a description of different rocks. To get there: Click on Idaho Overview, then on [Rocks](#). Encourage your students to examine the rock cycle and click on the diagram for the explanations on the different types of rock. Explain to the students that they will need to know this in order to do this field activity.

Encourage your students to collect and identify rock specimens at home:

1. Try to pick fairly large rock specimens. Use the size of a closed fist as your goal. If you are working in an excavation, collect samples from all layers. When you find a rock you want to keep, stick a small piece of adhesive tape on it. Number the rock and make an entry in your notebook, next to the corresponding number, describing where the rock was found. Wrap the marked rock in newspaper and drop it into your bag. Use the sample as a guide to decide how certain land formations came into being.

2. If you want to group your rocks according to whether they are igneous, sedimentary, or metamorphic, use the following general description of the three kinds of rocks and compare your samples with the classification pictures. Sedimentary rocks have a layered appearance but usually break easily and feel gritty. Igneous rocks have a crystalline appearance,

with the crystals mixed and never in layers. Metamorphic rocks are very hard and more crystalline than igneous rocks, but the crystals of each mineral are lined up in bands or layers.

3. Remember that the outside surfaces of a rock are weathered, and you must expose a fresh surface if you wish to study the original characteristics of the rock. Use the hammer to break the rock open so that you can see a clean interior surface.

4. Now that you have collected a number of rock samples and have made notes about where the samples were found, it is time to identify or grade them. There are several techniques you can use to help with this identification: the acid test, the cleavage test, and the streak test. The acid test is very simple. Rocks containing calcite or lime will bubble or fizz when an acid is poured on them. Use vinegar as your acid. If you hold the rock close to your ear and listen carefully, you'll be able to hear any fizzing that might be taking place.

5. When you break rocks, they will either cleave (an easy, flat break) or fracture, depending on the minerals present in them. Some cleavages are good clues to identifying minerals in rock. The way a rock fractures is also a clue to its identity. Hit the rock with a hammer to break it. Place a cloth over the rock before you hit it so that chips won't fly.

6. When you scratch a piece of unglazed white porcelain (the back of a bathroom tile will do) with certain rocks, they make characteristic streaks. For example, although pyrite in rock form looks yellow, it always leaves a black streak on the tile. Noting the streak it makes can identify many rocks.

Idaho Achievement Standards (as of 7/2001) met by completing this activity:

351.01.02.03

352.01

<http://imnh.isu.edu/digitalatlas/teach/subfrm.htm>

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Jewelry Tips

SOLDERING PRONGS

I often use prongs to hold an irregular cab or other object on rings and pendants. But they're a little tricky to solder. You have to find some way to hold them all upright while soldering, and what looks like a strong joint sometimes turns out to be a fake. There's nothing worse than having a prong break off when you're setting the stone *#~*!

I solved both problems with one little trick. Locate and center punch the location for each prong. Then drill holes just a little smaller than your prong wire. Sand a small taper on the ends of your prong wires and insert them in the holes. The wires support themselves, soldering is easy, and the joint is stronger because of the increased soldering area.

TWISTING WIRE

Twisting wires together can be done with an old hand drill but goes much faster with a power tool. My preference is to use a screw gun, although a Dremel or Foredom should do well. Just make a little hook out of coat hanger wire (or use a screw-in cup hook) and chuck it up in your screw gun. Fasten the ends of the wires in a vice and slip the other ends on your hook. Keep a little tension on the wires as you twist. Note that a power drill is too fast a tool for this unless you have one with a variable speed control.

SMOOTHING EARWIRES

Any time you make your own earwires, the hardest part for me is to sand and polish the end that's inserted into the ear. Any sharp edge there is no fun. I've tried using sanding sticks, cup burs, and silicone polishing wheels. I've tried buffing on a Zam wheel, and I've tried spinning the wire in the Foredom to polish the tip. While all of these techniques do the job, none are very easy or fast.

Then it occurred to me - I could melt the wire smooth. One quick touch in the flame of the propane/oxygen Little Torch does the trick - not enough to form a bead on the wire but just enough to round off the tip.

Acknowledgement to be included with each publication:

More BenchTips by Brad Smith are at
groups.yahoo.com/group/BenchTips/
 or
[facebook.com/BenchTips](https://www.facebook.com/BenchTips)

Amygdaloidal Agates

Defined: Amygdaloidal means almond-shaped, but refers to the former gas bubbles in lava called amydgules, cavities that have become filled with various minerals. Andrew Alden; About.com

Our Queenstone nodules are an example of what an Amygdaloidal agate look like!

Roger K. Pabian, Conservation & Survey Division, IANR, University of Nebraska – Lincoln, Lincoln, NE. 68588-0517; Zarins, Andrejs, NDEC, Lincoln, NE. 68509-8922.

Amygdaloidal Agates have pre-banding, syn-banding, post-banding accessory minerals, each of which kind details some of the history of the agates. Samples of agates from the late Precambrian (Minnesota, Botswana); late Devonian (Scotland, Queensland); Triassic (New Jersey, Nova Scotia); and Miocene (Chihuahua, Mexico, and West Texas) have been examined.

Pre-banding occurs when silica gels enter the Amygdaloidal cavities in basalts and interact with minerals existing in the host rock. These accessories include plumes of pyrite and other sulfides; oxides (e.g. hematite); alteration products such as zeolites and chlorite; and perhaps, membranous cristobalite, or their weathering products. These minerals may occur as oriented sprays of crystals or even as pisolites.

Syn-banding accessory minerals are associated with alkaline lake deposits and consists of both regularly and irregularly arranged crystals of carbonate or sulfate minerals or molds or pseudo morphs thereof. Carbonate minerals include calcite, aragonite, or siderite, and sulfate minerals may include gypsum, anhydrite, or barite.

Pre- and syn-banding mineral inclusions have an electric charge similar to that of silica gel and are incompatible with gels. These inclusions may catalyze spherulitic crystallization which produces the characteristic concentric banding in Amygdaloidal Agates.

Post-banding inclusions include stalk aggregates formed by an immiscible liquid of lower specific gravity through a liquid of higher specific gravity. Amygdaloidal Agates may have at first been colorless or white followed by chromatographic separations of dissolved minerals which show the early phases of color distribution throughout the agate nodule.

Reprinted from the Proceedings of the Nebraska Academy of Sciences, 112th Annual Meeting, April 10 – 11, 1992; Olin Hall, Wesleyan University, Lincoln, Nebraska. P 70, Copyright 1992. Used for non-commercial education purposes.

June Field Trip Recap

Our last field trip was out to Texas Springs and what a huge success. There were 14 members 5 guests and 4 kids on this trip to Texas springs. Everyone found some nice wood thanks to Jim Clinton who helped show us to the different locations. As a member of this Club my goal is to get all ages interested in our wonderful hobby, this is how the Club will stay strong for years to come. I would like to showcase one of our newest members Jobecka Thompson and soon to be member Greg Biebel as they show tons of interest and enthusiasm. I will always go the extra mile to help new members learn our hobby.

Respectfully submitted,

Brent Stewart

Rock Sale

When: July 29th, 30th, and 31st

What: Selling all rock – rough, slabs, and polished specimens; Owyhee reds & blues, picture jasper, Queenstone, Bruneau jasper, carisite, Morrisonite, Bigg's jasper, wild horse jasper, Haystack Butte, Brazilian agate, moss agate (green, gold, red), Graveyard Point, Botswana, and Montana.

Some are small quantities, spheres, unique pieces. Equipment available. Additional info in July newsletter.

Rock Sale directions:

Where: 8345 Stetson Dr., Boise, Idaho

Directions from Boise: South on Cole Rd. to Colt Dr. (south of freeway).

Right on Colt Dr. to Stetson; left into cul-de-sac (still on Stetson Dr.) 8345 Stetson is immediately on the left.

Directions from Nampa/Caldwell: East on Freeway to Eagle RD

Right on Eagle to Amity.

Directions continued at top of next column

Left on Amity to Maple Grove.

Right on Maple Grove to Desert

Left on Desert to Latigo,

Left on Latigo to Stetson Dr., right on Stetson Dr., left into cul-de-sac (still on Stetson Dr.) 8345 Stetson is immediately on the left.

Hours: 8 a.m. to 8 p.m. all three days.

Who: Joe Nielson @ 869-6325

Don't Forget!

July Fieldtrip SILVER CITY

When:

JULY 23rd-24th 2011 weather depending.

What:

We'll be collecting calcite, drusy quartz, and quartz crystals.

Where:

Meet at KMART at the intersection W Karcher rd. and Nampa Caldwell Blv. At the south west side of parking lot between 7:00 a.m. and 7:30 a.m. Take Exit 33A (last Nampa exit West of Nampa) cross over the freeway and KMART is just past the intersection to the right. Departure time will be 7:30ish.

We will do Wagon Town if time permits.

Equipment needed: rock hammer, shovel, bag or bucket for specimens collected, appropriate clothing for the weather and location, items for camping, water, fuel, and any items you need for your personal use.

If you would like more information, please come to our Gem Club Meeting: July 19th, 6:30 p.m. at the Old Timer's Shelter at Ann Morrison Park off Royal Boulevard.

Call our Field Trip Chairman
Aaron Wanner @
794-9474 cell phone or

HAPPY



BIRTHDAY

JULY

7/1 Mike Jones
 7/1 Brian McNeel
 7/4 Tara Halberstrabt
 7/7 T Earl Allen
 7/10 Renee Carpenter
 7/10 Lonnie Hicks
 7/10 Shirley Scott
 7/11 Nancy O'Keeffe
 7/11 Rebeca Romans
 7/12 Debra Burns
 7/12 Loren Francis
 7/14 Fin Dorough
 7/15 Gordon Roberts
 7/16 Jack Rayne
 7/16 Liana Rodden
 7/18 Kathy Griffin
 7/19 Andrew Shearer
 7/20 Pat Bethel
 7/20 Lynne Davis
 7/20 Shelly Betz
 7/22 Tom Rogers
 7/24 Maxine Smith
 7/25 David Douglas
 7/26 Larry Ridley
 7/26 Connie Canon
 7/28 Philena Thompson
 7/29 Catherine Parsons
 7/29 Michael Gross
 7/30 Debbie Housh
 7/31 Pam Miller

July Birthstones

Faceted — Ruby
 Cabochon — Carnelian

AUGUST

8/1 Cody Jackson
 8/5 Tyler Wakefield
 8/6 Michael Gartman
 8/6 Isaal Baillargeon
 8/7 Gene Thompson
 8/10 Dan Conley
 8/10 Cindy Hicks

8/16 David Snyder
 8/16 Carla Arnold
 8/19 Cameron Betz
 8/21 Kathleen Derig
 8/22 Christine Czerwoniak
 8/22 Betty Hare
 8/22 Cathy Bourner
 8/22 Debbie Baldwin
 8/23 Chester Carpenter
 8/23 Suzanne McCorkle
 8/26 Deana Ashton
 8/26 Bob Dodson
 8/27 Linda Phillips
 8/27 Christine Neuhoff
 8/27 Miers Johnson
 8/28 Nancy Reed
 8/28 Mettie Clay
 8/28 Misty Parker
 8/28 Carol Da Silva
 8/30 Connie Duke

August Birthstones
 Faceted—Peridot
 Cabochon—Jade or
 Sardonyx



Dates To Remember

GENERAL MEETING
3rd. Tuesday of every month

July 19, 2011
Old Timers Shelter
Ann Morrison Park
Royal Blvd.
Picnic Starts at 6:30 pm.

BOARD MEETING:
1st. Tuesday of every month

August 2, 2011
Church of the Brethren
2823 N. Cole Road, Boise, Idaho
Meeting Starts at 7:30 pm.

*A Rockhound is a kind of nut
 Whose mind is slightly undercut.
 He swings a pick and drives a jeep.
 And dreams of agate in his sleep.
 He'll pick up any kind of stone
 Or piece of glass, or even bone.
 If he can't name it, he'll assert
 That he has found a piece of chert!*
*(From Ghost Sheet, June 1988 via SCRIBE
 #1, V14-90.; via MVGC—July 2011)*

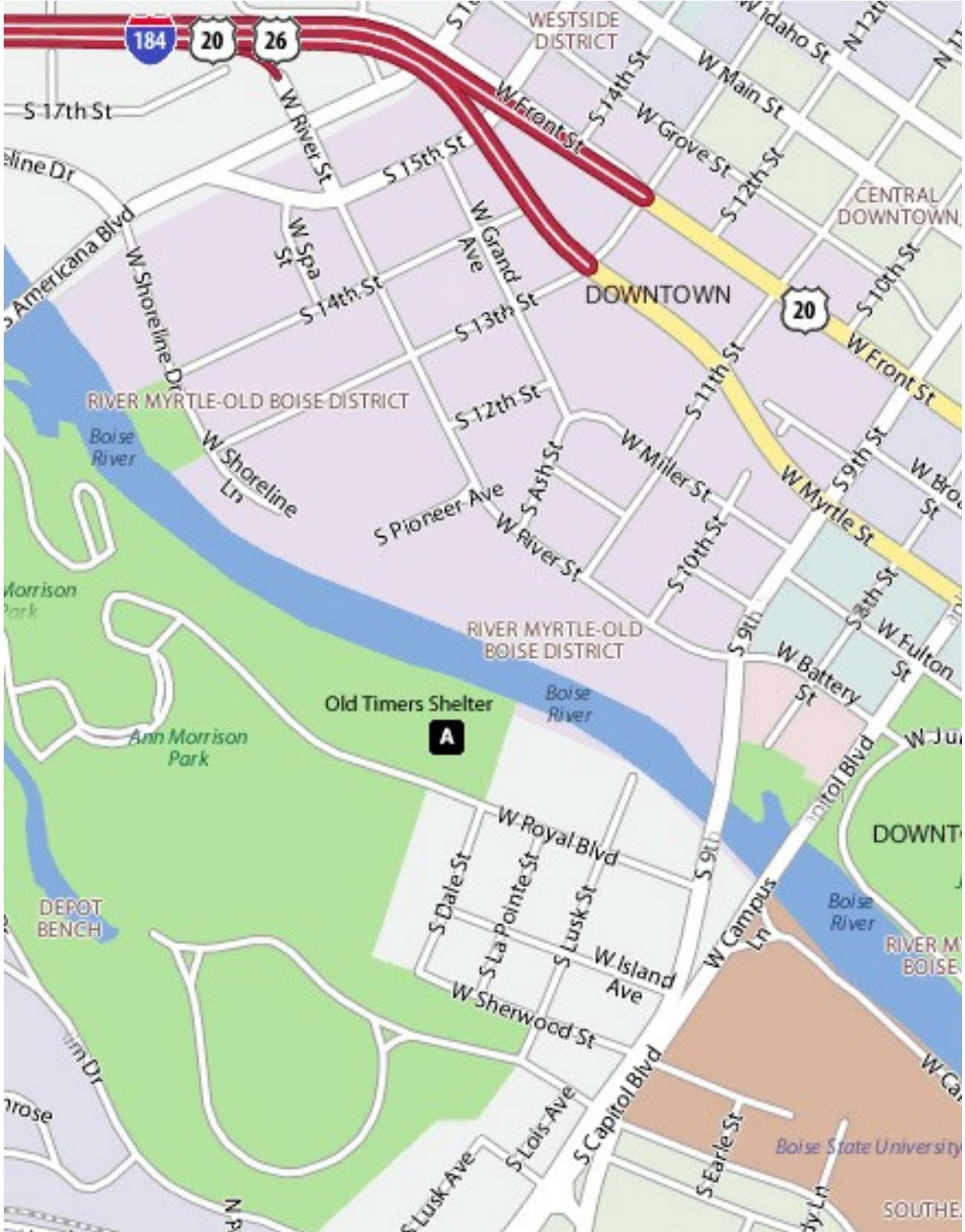


Sunshine Lady

Arlene Bailey is the club sunshine lady. Her job is to send some cheer to members who are ill or just need some cheering up. But she needs your help in doing this job. If you know of someone who has been recently ill let her know so she can send them a card. Her phone number is 562-8030. Thank you in advance for your help.

Map To Picnic

The July and August meetings are both picnics. They will be held at the Old Timers Shelter at the East end of Ann Morrison Park. If you drive from 9th Street turn right on Royal Blvd. and shortly after entering the park turn into the parking lot on your right and you will see the shelter next to the River. If driving from the south turn left on Ann Morrison drive then turn right on Lusk St then left on Royal Blvd. and go to the parking lot. The picnic begins at 6:30 p.m. and is a potluck. Bring your favorite dish, plates, and silverware. The club will provide soft drinks and ice cream.



Yester Year
Sept. 1965

The field trip was to be a surprise and not announced until everyone showed up. Not very many people came to the starting point, but the ones that did went to Beacon Hill and they found good material. The next field trip would be to Hog Creek, depending the weather. It would be for iris agate and crystals.

The club was having financial problems and decided to raise dues instead of having a show. At this time they can't get a bulldozer for the Whangdoodle claim.

The club had donated \$600.00 for the Rhodenbaugh collection at BJC. They checked on it and found the college expected to have the display up the first of the year.

It was moved and passed that the IGC have a show sometime after the first of the year. The dues were also raised from \$2.00 to \$3.00. Junior members would still pay \$1.00.

Because of the weather the November field trip was to Jennie Higby's Queenstone claim. Some found nice blue opal nodules.

Decision on where to have the monthly meeting were put off until after the holidays.

In Loving Memory
Patsy Bethel



Welcome New Members

Debbie Baldwin
P.O. Box 673
Glenn's Ferry, Idaho 83623-0673
695-9593

Bill & Barb Carey
2192 S. Alaska Way
Meridian, Idaho 83642-8131
435-282-0061

Jordan Lindsay
236 S. Cobblestone Way
Eagle, Idaho 83616-4961
401-6497

John & Mary Munson
Anna & Ericka
Brian & Christopher
Jake & Kyle Steel
6028 Purple Sage Rd.
Star, Idaho 83669-5059
898-4147

July Refreshment Committee

Chair: Phil & Melodee Worley 322-1812

Jim & Carol Da Silva 938-7728

REFRESHMENT COMMITTEE GUIDELINES

1. Have tables covered with paper obtained from Statesman and ready by 6:00 p.m.

2. Bring door prizes

3. Order ice cream and arrange for pickup.

4. Serve ice cream

When picnic is finished, clear all paper from tables and deposit all litter and debris in trash containers

Potluck Dinner

Ice cream and sodas provided

Bring your own plates and silverware

August

Refreshment Committee

Chair:

Chair: Dick Corbett -888-4378 or 863-9336

Misty Parker 484-5296,

Marge & Dan Conley 375-8935

From the Editor

The deadline for articles is the board meeting, if it needs to be typed. If the article is sent via e-mail the deadline is the Saturday after the board meeting.

Phone: (208) 467-9286
E-mail: highdesert2003@q.com
My mailing address is:
Tony Griffin
4126 Apache Dr.
Nampa, Idaho 83686-8978

S'Mores

Etymology and origins

S'more appears to be a [contraction](#) of the phrase, "some more". While the origin of the dessert is unclear, the first recorded version of the recipe can be found in the publication "Tramping and Trailing with the [Girl Scouts](#)" of 1927.^[1] The recipe is credited to Loretta Scott Crew, who reportedly made them by the campfire for the Scouts.^[2] It is unknown whether the Girl Scouts were the first to make s'mores, but there appears to be no earlier claim to this snack. Although it is unknown when the name was shortened, recipes for "Some Mores" are in various Girl Scout publications until at least 1971.

Preparation

S'mores are associated with [recreational camping](#). Part of the enjoyment of this simple [dessert](#) is the preparation. A [marshmallow is toasted](#) on a [skewer](#) held just above a [campfire](#). The inside of the marshmallow becomes soft and liquid. The warmed marshmallow is quickly removed from the skewer with two graham crackers, one of which has a piece of chocolate on it. Ideally, the heat from the roasted marshmallow partially melts the chocolate. Alternatively, some cook the entire assembled s'more to ensure the chocolate will melt. Warming the graham crackers and chocolate can also aid in melting the chocolate. [Peanut butter](#) is sometimes added.

<http://en.wikipedia.org/wiki/S'more>

SAVE STAMPS

Just a note to remind people to save their postage stamps to donate to the Federation. The stamps are sold and the proceeds are donated to cancer research. Cut at least 1/4 inch margin around the stamps. You can turn them into Chuck McCreath at our next meeting.

"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.

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



ADVENTURES IN GEOLOGY

The first session of a new geo-science educational program for grades 4-6 just concluded. The program is designed to learn by doing and activities of discovery, all in the natural, outdoor classroom of the Boise Foothills. We tried out a lot of fun activities that Geologists do. We'll have another session Aug 15-18.

During 4 days in June, 7 kids spent most of their time learning about the geology of the Old Penitentiary District. We learned to use a Silva compass to measure the incline of a fault, GPS's to determine elevation, loupes and microscopes to study and identify minerals, measured the temperature of the hot wells of the Boise Warm Springs Water District as well as learning about something about soils and their differences.

We also studied Sandstone and its construction as well as Basalt, Rhyolite, made a model of the Castle Rock area, learned a little about topographic maps, tried a little gold panning and checked out some intermittent streams found in the area.

If you know a youngster of this age who is interested in rocks, minerals and geology, pass the word. For information or registration, call Lois McDonald, 713-2061.

Owyhee Gem & Mineral Society
Field Trip
Wagontown—July 23rd
<http://www.owyheerocks.com/>

Lapidary Equipment Sale

Richardson Ranch high speed dry sander
 Used very little plus extra 7" sanding discs

\$250.00

10" vibrating lap
 Older model

\$40.00

Brad Bishop—863-4747

Federation & Other Clubs News

The NFMS Annual Show Chehalis, WA

Date: July 29-31, 2011

For more information please visit the NFMS website at:

<http://www.amfed.org/nfms/nfmsshow.htm>

This is the time to get your saved stamps to Chuck McCreath. With this Federation Show coming up the end of July, Chuck will be turning in the stamps that have been collected since last year. Please see Chuck this month with your stamps or our July meeting at the latest.

NW Rockhound Retreat

Hancock Field Station, Antelope, Oregon

Labor Day weekend, September 5-11, 2011

For more information please go to this website if you aren't getting the Northwest Federation News:

<http://www.amfed.org/nfms/nwnews/nw0311.pdf>

Magic Valley Gem Club

August 13-14, 2011 Crystal Park, MT Quartz Crystals, Opal, and/or Sapphires

13th -- Crystal Park

Host: (Is there someone with some experience at this site? Hint, hint Mark)

14th -- Spencer Opals or Phillipsburg Sapphires are close by - your choice.

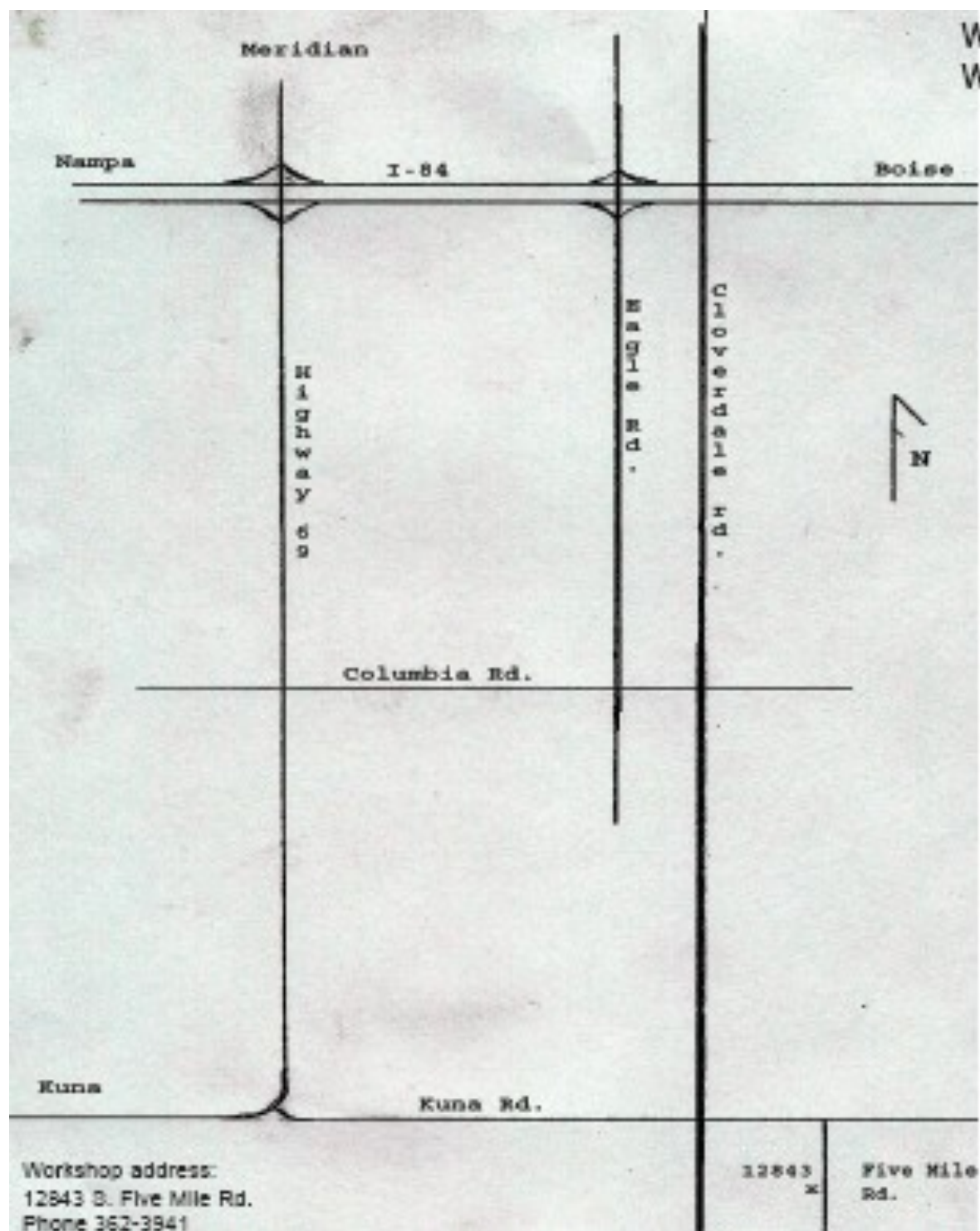
Host: Seeking volunteers

Call Rebekah Yancey 208-670-4254

<http://www.magicvalleygemclub.org/>

Workshop—July 21st

Attention all members this month will be a regular cabochon workshop. If you are interested in learning how to cut cabs or wire wrapping the club holds a workshop the Thursday evening after the General Meeting. These start around 6:30pm and run until 9:00pm everyone is welcome. If you have a slab to share there is a box for donations so everyone that doesn't have any material can cut a cabochon as well. I will be needing instructors so if you have the time to spare please come help teach those who are in need of your knowledge. Marge Conley will be available to help those who want to learn wire wrapping and if anyone knows how to do this she can always use the extra help with teaching those who don't. There will be an increase in the cost of each wire wrap project to \$10 as the cost of wire has gone up. There will be a fire so you can roast a hotdog and make a S'more or two as well. We just ask that you help clean up the machines before going home at the end of the evening. This workshop is held at 12843 S Five Mile Rd which can be reached from Cloverdale to Kuna Rd to South Five Mile. See you all there.



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:

.....\$12.00 per person
\$15.00 per couple
\$17.50 per family

Subscription:

.....\$10.00 per year

General Meeting:

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

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<div data-bbox="802 237 927 289" data-label="Image"> </div> <p>Mountain View Church of the Brethren 2823 N. Cole Road</p>	
NORTHVIEW	
FAIRVIEW	



The Whangdoodle Bird
(Often seen on field trips)



Idaho Gem Club, Inc.

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

