

ROCK WRITINGS

Official Monthly Publication of the Nevada County Gem & Mineral Society

Volume 45, Number 10

Nevada City - Grass Valley, California

October 2011

PRESIDENT'S MESSAGE

by Jan Longacre

Hi All,

Well it's almost show time!! I finally got my tumbler working. Hope it gets the job done. There is plenty of other stuff that needs doing. If anyone has decided to put in a case get ahold of Jon he'll be glad to hear from you. Don't forget to sell tickets for the raffle. Thank you to everyone for all you do for the club, you are all appreciated!! Be thinking of helping out by becoming an official. Only a few days before OUR SHOW. See you at the meeting.

Jan



OCTOBER PROGRAM

We will be watching a "Cash & Treasures" DVD. Episodes to choose from are Turquoise from Nevada, Emeralds from North Carolina, Gold from Alaska, Copper from Michigan, Petrified wood from Oregon, Star garnets from Idaho, Fire Agates from California and Dinos from South Dakota. These are always entertaining and educational. We should also have a "how to make a case" demonstration from Jon North. Come join us!

SEPTEMBER RECAP

Last month we had our annual "Show and Tell" meeting. The juniors started off by showing some of their finds, followed by many of the adults. It is always inspiring to see and hear about collecting trips and treasures from the earth.

UPCOMING CLUB PROGRAMS:

November
December

Anita Tuttle-Wald
Christmas Party



OCTOBER CALENDAR OF EVENTS

October 6: Mad Hatter Day
October 8: Yom Kippur
October 10: Columbus Day
October 23: Mother-in-Law Day
October 23: National Mole Day
October 31: Halloween

October Birthstone: Opal / Tourmaline

OCTOBER BIRTHDAYS

Oct 7	Ray Craine
Oct 16	Dack Burnette
Oct 18	Terry Bartels
Oct 18	Joyce Emerson
Oct 27	Susan Gleason
Oct 28	Rudy Thompson
Oct 28	Nancy Spurgeon
Oct 30	Duane DeWitt

Happy Birthday!!!



Sunshine Update



Mary Tucker reports that Cliff Swenson is finally home from the convalescent hospital and is doing well. Bill Sagaser had a mild stroke, his wife Melba says, but it did not require hospitalization. He is seeing his doctors and is doing OK.

Mary Tucker is our Sunshine reporter. Mary would like any news you would like to share with our members reported to her by calling (530) 265-8320.

Rock Samples for US Forest Service

By Dick Pankey

CFMS members have an opportunity to create a unique collection of rocks and minerals from the National Forests of California. And I am sure that the rocks that we want are already collected. I am working with Mike Hunerlach, a Mining Geologist with the Washington Office of Minerals and Geology, and Regional Liaison for the Pacific Southwest Region of the National Forest Service. In previous issues of the CFMS Newsletter I had articles with the details about what rocks we are looking for. I have heard from several collectors from around California who have told me that they have specimens to donate for this project. So far I have been promised specimens from the Angeles, Los Padres, Mendocino, Modoc, Sequoia, National Forests. And we still need rocks from the Cleveland, Eldorado, Inyo, Klamath, Lassen, Plumas, San Bernardino, Shasta-Trinity, Six Rivers, and Stanislaus National Forests and the Lake Tahoe Basin Management Unit.

Do you live near any of these Forests? Have recently or in the past collected in any of these Forests? If so you probably already have what we need in your rock pile. We want to get specimens that are "typical" and representative of each National Forest. We are not trying to get samples of "every rock" in every Forest. Size should be in the range of miniature to small cabinet specimen (2-4 inches in diameter). And each sample needs to be identified with: name of rock or mineral; location collected including which National Forest; GPS position (very desirable); when collected; name of person and society; and any other specific information you wish to provide.

The purpose of this project is two fold: one is to make a collection for use by the Forest Service and secondly to make a collection for the CFMS. If you would like to help with this project and donate rocks, please send me an e-mail with the name of the rock and the name of the National Forest where it was collected. Please email (dickpankey@juno.com) or contact me before bringing or sending me specimens to avoid duplication. The rest of the information can be supplied when you give me your donation. Go through your rock pile and collecting records to see what you have to donate to this project. I will accept your donation anytime but need to have all the rocks by early November. Delivering your donations to me at the November Directors' meeting in Visalia should be convenient for all.

This project has many benefits to rockhounds and the CFMS. Working with the managers of our public lands is one way to develop a personal relationship enabling us to get to know one another; it will show what and where we collect so that these areas can be preserved for future collecting; it enhances our position and credibility as a responsible user of public lands; and other benefits. Over the years CCM&GS members have taken field trips and collected rocks and minerals in many of California's National Forests.

A challenge with a request of this nature is to get this information to the collectors who have the rocks and would like to participate. I am asking for help from the people in each society that gets the CFMS Newsletter: "Please pass this request on to your field trip chairman and members." Details were in the May CFMS Newsletter or e-mail me for more information. Thank you all for your help and participation.

NEVADA COUNTY GEM & MINERAL SOCIETY BOARD MEETING MINUTES

September 6, 2011

Meeting called to order by President Jan Longacre at 6:10 pm

Members present: Terry Bartels, Vicki Black, Snakes Hoffman, Todd Lawson, Julie-Anne Lay, Jan Longacre, Kim Moore, Jonthan North and Nancy Spurgeon.

Minutes from August Board meeting: Approved as printed in September bulletin

Treasurer's Report: Last month's auction made \$650. Payments made to "Too Crazy Ladies" and Grange rental. Contract for Fairgrounds turned in and deposit paid. Officers' insurance requires Jan's signature and is ready to send in. Raffle registration mail insured and \$20 fee paid. Club insurance was filed. Show insurance is in process.

Correspondence: No correspondence

Committee Reports:

Membership: No new applications. Dues renewal notice will appear in October bulletin as they are due by January 1st. Jonathan North will kindly continue to print the membership cards which will save the club commercial printing costs.

Bulletin: No report

Field Trips: Fossils for Fun trip to Delta, UT Sept 15th-18th, details in bulletin. New trip to Black Rock Desert by North Bay Club on September 23rd to 26th.

Federation: No report. Position vacant.

Historian: Club albums on display.

Show Chairman: The advertising banners are going up. Magnetic signs given to members who will be able to display them. Need members to take fliers to hand out to businesses and to sell raffle tickets. Need to sell more than last year.

Webmaster: Website is being updated. Todd will put Show details on Facebook and Twitter.

Program: Next month will be how to display specimens in a display case and/or Cash and Treasures DVD

Continuing Business: The garbage cans were full before the club meeting started again this month, Jan will contact The Grange to let them know.

New Business: Jan read a notice in The Grange that told users that the basement is to be cleaned on October 1st all items not labeled will be thrown away. Jan, Nancy and Kim will meet to label the club belongings on Friday 16th. Melba asked if it would be okay to remove all the books from the club library to catalog them and sew some bags to allow them to be carried upstairs to meetings more easily.

Meeting adjourned: 6:50pm

Respectfully Submitted,
Julie-Anne Lay, Secretary,
Nevada County Gem & Mineral Society



	RELIABLE
	RV
	530-272-4858
	530-272-6950
PARTS	13368 Grass Valley Avenue
SERVICE	Grass Valley, CA 95945
STORAGE	

Attention all Members:

Just a reminder, that this next meeting is the last chance to contribute rocks for the kids' grab bags. So be sure to purge all those buckets and boxes of rocks, and bring them in. Maybe you will inspire a future pebble puppy!

**NEVADA COUNTY GEM & MINERAL SOCIETY
GENERAL MEETING MINUTES**

September 6, 2011

Meeting called to order by President Jan Longacre at 7:07 pm

Pledge of Allegiance

Attendance: 33 members and 4 guests

Sunshine: Cliff Swenson is recovering well and hopes to go home this weekend.

Birthdays: Happy Birthday to all the September birthdays.

Junior Drawing by Terry Bartels

Program: "Show and Tell"

Minutes from June & August meetings: Approved as printed in the July and September newsletters.

Treasurer's Report: Accounts healthy.

Correspondence: None

Committee Reports:

Membership: Nancy will start to collect 2012 dues next month. Dues should be paid by Jan 1st.

Bulletin: Please send submissions to Todd and Lori by the middle of the month.

Field Trips: Coop trips are listed in the bulletin. There is an additional trip to Black Rock Desert hosted by the North Bay Club on September 23rd - 26th, more details available from Vicki. The Thanksgiving trip is to the Barstow area, camping at Paradise Ranch.

Federation: No report. Position vacant.

Show Chairman: Show banners are up and fliers are going out to all businesses. Need members to sell raffle tickets. Bring rock donations for silent auction

and prizes for the raffle to the fairgrounds on Friday Oct. 7th.

Webmaster: Show advertised on club facebook page and twitter.

Historian: Club albums available at meeting for members to look through.

Program: Next month: How to display specimens in Show display case and/or Cash and Treasures DVD

Continuing Business: Still need rocks to tumble for the grab bags for the Show – contact Frank Rohleder.

New Business: The Grange members are cleaning out the basement so volunteers needed to help label and sort our Club's belongings on Friday Sept 16th at 10am. Melba has volunteered to take all the club library books home to catalog them and bring them back next month. Need a volunteer to take over from Alex Lay to be club librarian.

Meeting adjourned: 8:30 pm

Respectfully Submitted,
Julie-Anne Lay, Secretary,
Nevada County Gem & Mineral Society



CO-OP MEMBER & OTHER FIELD TRIPS FOR 2011

Contact your club's field trip leader for further information and revisions. CO-OP website also has information:

www.ourfieldtrips.org (Password is needed.)

- These trips are open to all rockhounds who agree to abide by the AFMS Code of Ethics, the directions of the field trip leader and practice safe rockhounding.
- Call the field trip leader beforehand to sign up and for further information.
- Remember to wear your name badge and sign in with the field trip leader.
- A Consent and Assumption of Risk Waiver of Liability form must be signed upon arrival at meeting site, contact field trip leader for any further insurance requirements.

Oct. 21-23 Fernley, NV for various minerals. Sutter Buttes Society, Gerry Hill

Nov. 21-26 Location to be determined, annual Thanksgiving field trips. Mother Lode Society, Al Troglin.

15th Revision August 4, 2011

Bench Tips

by Brad Smith

REMOVING A STONE FROM BEZEL SETTING

If you've forgotten to use dental floss and got your stone caught in a bezel, there's one thing you can try before starting to pry. Find some sticky wax or beeswax. Roll it into a pencil-sized cylinder and stick the end onto the top of the stone. Mold it on well and yank.

If all else fails, you either have to very carefully pry open the bezel with a sharp knife blade or drill a small hole in back of the stone and push it out with the point of a scribe.

MAKING YOUR OWN MOKUME

Ever think about making your own mokume? Here's a link to the detailed steps in the sequence as done by a professional. Look for mokume on <http://www.rchristopher.com/tech/>

FOREDOM STAND

A quick and easy way to suspend a Foredom over your jewelry bench is to use some steel pipe components from your local hardware store. It attaches with a couple screws and costs a little over \$10

I use 1/2 inch galvanized pipe and fittings. To build a stand that attaches to the top of your bench, all you'll need is a flange and a thirty inch length of the pipe. If you prefer a stand that attaches to the side of your bench, you'll need a little longer pipe, three foot, a flange, and a 90 degree "street elle".

Finally, make a hook that goes into the top of the pipe to hang the motor from. You can use heavy coat hanger wire or better yet, a 1/8 steel rod from the hardware store.

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

JR. ROCKHOUND NEWS

Every month we will be featuring a Jr. Rockhound of the Month in our Newsletter. At the next meeting we will have a sign-up sheet for the newsletter write up so every Jr. Rockhound will have the opportunity to share themselves with the club. We will also be featuring a Badge News section to encourage our Juniors to keep working towards earning badges.

Here are some questions to help you tell a bit about yourself. We will have these questions as well as a monthly sign up sheet available to you at the Sept. meeting.

1. What is your name? Age? Hobbies?
2. How long have you been in the club? What family members are in the club with you?
3. Why do you love rocks/minerals? How long have you been collecting rocks/minerals?
4. What is your favorite rock /mineral? Why?
5. Where is your favorite place to hunt for rocks/minerals?
6. Do you have a collection? Tell us about it.
7. Have you done any interesting experiments with rocks/minerals?
8. What is your all time favorite rock/mineral?
9. Have you earned any badges from our Jr. Rockhound program? Tell us about it!

We are excited to hear from all of our Jr.'s! If you can include a picture of yourself that would be great! Send your finished write up to Todd.lawson@gmail.com. Remember to sign up for your month at the next meeting! If you have any questions contact Melba Sagaser (Junior Program Chairperson) or Kristy Lawson (Junior Program Assistant).



Badge News!

Remember to keep working for those badges! Over the summer you might have done something to earn a badge. Earning badges is a fantastic way to learn more about Rocks and Minerals. There are lots of badges to earn and lots of fun to be had while earning them! If you have any questions about our Jr. Rockhound Badge Program contact Kristy Lawson.

Badge of the Month: Field Trip Badge

How do I get my Field Trip Badge?

1. Read, sign and abide by the AFMS Code of Ethics (Having good etiquette while on club field trips.)
2. Be involved in Field Trip Planning—Ideas
3. Go on a Field trip
4. Keep a record of your field trip
5. Go on an indoor rock related field trip



All you have to do is pick 3 of the above to earn your badge. If you want to do all 5 activities that's even better. When you have completed 3 or more activities turn in your signed badge sheet and we will send out for your badge!

JUNIOR ROCKHOUND OF THE MONTH**Toby Howard**

My name is Toby Howard, I will turn 7 years old on September 19, 2011. I love being a Jr. Rockhound and collecting rocks, it is my favorite thing to do. I also enjoy building with my Lego's. I have been a Jr. Rockhound since Christmas 2010. My little sister Hokulani is also a Jr. Rockhound, she is 4 years old.

I love rocks and minerals because they are what interest me. I love looking at all the different types, colors, and shapes of rocks and minerals. I enjoy seeing the many different rock formations, mountains, and caves that God created for us to enjoy. I have been collecting rocks since I was about 2 years old. My favorite is collecting quartz, because it is sparkly. My favorite place to hunt for rocks and minerals is at any park or lake. I like to play and hunt for rocks. I really just love looking for rocks anywhere I go.

I have many rocks and minerals in my rock collection. There are many sizes, shapes, and colors. Many of the rocks I found, some I purchased, and also some very special ones were given to me.

Last year in first grade I did a project on what I want to be when I grow up. I want to be a geologist. I made a display with my favorite rocks and minerals. I also did some very interesting experiments.

In one experiment I placed a raw egg in a glass bottle filled with vinegar. I observed over days and weeks as the calcium carbonate of the eggshell dissolved in the acidic vinegar producing carbon dioxide gas bubbles. In another experiment I observed how oxygen weathers rocks by using a steel wool pad and some water. In this experiment I learned about oxidation.

I have also learned about erosion in an experiment I did with water, sand, and rocks. I also learned to make crystals using salt; that was very interesting.

My all time favorite thing to collect is crystal quartz because I think it is beautiful.

In first grade while working on my project about geology I learned so much. I also earned many badges for all my work. I will receive most of those badges during a special meeting in December 2011.



Left: Toby Howard. **Right:** Toby and his sister Hokulani

A “CO-OP MEMBER” FIELD TRIP TO FERNLEY, NV (date of publication 9/12/11)

- This trip is open to all rockhounds who agree to abide by the AFMS Code of Ethics, the directions of the field trip leader and practice safe rockhounding.
- Call the field trip leader beforehand to sign up and for further information.
- Remember to wear your name badge and sign in with the field trip leader.
- CO-OP website has information: www.ourfieldtrips.org (Password is needed).
- A Consent and Assumption of Risk Waiver of Liability form must be signed upon arrival at meeting site.

TRIP LOCATION – Areas in and around Fernley, Fallon & Fort Churchill, NV

TRIP DIFFICULTY RATING SCALE

Vehicle Access & Parking - # 3-4, good for most vehicles and RV's, no specific handicap parking.

Collection or View Site - # 1-7, ½ mile **or more** to sites, flat ground, plus hills.

WHEN – Friday, Saturday & Sunday, October 21, 22, & 23, 2011

SPONSOR CLUB – Sutter Buttes Gem & Mineral Society

LEADER & CONTACT INFO – Gerald & Grace Hill, (408) 596-1639 (Cell) or (530) 695-1595 (Home). Do try to be early if you are arriving on Saturday morning.

MEMBER'S GUESTS - Allowed

COLLECTION MATERIAL – agate, jasp-agate, Lahontanite, opalite, rhyolite, local calcite is also reported to fluoresce blue. Some of the other material may fluoresce green. There are fossils nearby and time permitting, we will explore a few of these locales. If you are interested, there are a few gold (dry panning) locations nearby. Virginia City, NV is a remarkable historic silver mining town and a must see on the way home if you have never been there.

PROPOSED SCHEDULE - Arrive Friday night. Begin collecting Saturday 10 a.m. Resume collecting Sunday 11 a.m.

*Saturday night, possible “foraging” excursion to a buffet in Fernley or in Fallon. We are willing to stay over on Monday if there is interest although we might move to a “dry camp”.

MEET – Dayton State Park & Campground in Dayton, NV

DIRECTIONS TO SITE/CAMP – **From Interstate 80**, travel East through Reno, NV. Go 31 miles to the town of Fernley, NV, then South on Alternate 95 to Highway 50. Travel West on Highway 50 to Dayton State Park.

From Highway 50, continue through South Lake Tahoe to Carson City, NV. In central Carson City, turn Right off of 395/50 and continue East on Highway 50 to the town of Dayton and the State Park & Campground. We will assemble there.

VEHICLE REQ'S – Providing the weather remains dry, most vehicles should be able to manage dirt roads, however, high clearance and 4WD is preferred. We encourage carpooling.

CAMP/FACILITIES – Dayton State Park & Campground, motels/hotels in the region.

TOOLS – rock hammer, sturdy rucksack, decent boots, sledge. A pry bar is real handy, as is a walking stick. Remember to bring milk crates or plastic buckets to haul your material home.

SAFETY CONCERNS – use goggles and gloves. Watch for snakes, etc. Use protection from the sun. If camping, be prepared with an adequate 15 degree or less sleeping bag. Bring appropriate knit cap, gloves, parka, winter weight wool socks, thermals, etc.

CLIMATE/WEATHER – sunny, rain, windy, mild, cold, we've had it all, come prepared!

CLOTHING – be prepared for any type of weather, it could be quite warm or chilly & wet. Two years ago and a week earlier, it was in the mid-seventies. This year, it is anyone's guess.

OTHER REMARKS – This is hilly terrain, although one location is relatively flat. Walking and climbing moderately steep inclines is necessary to obtain the best material. Additionally, you ARE at altitude! At the collecting sites, **there is NO WATER** and you want to bring a least a gallon with you (per person) when hiking and have several extra in your vehicle.

FEES – check with field trip leader regarding camping fees at Dayton State Park & Campground.

Yes folks, it's that time again! Time to renew your Nevada County Gem & Mineral Society Membership. Your dues fulfill a number of things: They pay your dues for our club, dues for AFMS and CFMS, Insurance for fieldtrips and other club activities, rent for our meeting hall, and to help produce our newsletter. We get a lot from such a small amount. When you look at it that way, don't you get some real "Bang for your buck?"

A cartoon illustration of a young boy with dark hair, wearing a green shirt, holding a very large yellow pencil. The pencil is oriented vertically, with the boy's hands near the eraser at the top. The pencil is yellow with a pink eraser and a sharpened lead tip at the bottom. The boy is smiling and looking towards the pencil.

Pay to the order of:
NCG&MS
Memo: My 2012 dues

If your personal information is the same, just write SAME on the form, under your name(s)

Thank you. Nancy Spurgeon, 2011 NCG&MS Membership Chairman

Please provide the following information along with the appropriate dues payment:

I agree to receive the newsletter by email (_____) Total amount paid: \$ _____
yes or no

CFMS 2011 SHOWS

October 1-2: OROVILLE, CA

Feather River Lapidary & Mineral Society
Oroville Municipal Auditorium
1200 Meyers Street
Hours: Sat 10 - 5; Sun 10 - 4
Lori Millard, (530) 533-2968
Email: riverotter@jps.net
Website: www.oroillerocks.com

October 2: FALLBROOK, CA

Fallbrook Gem & Mineral Facility
123 W. Alvarado St, Ste. B
Hours: 10 - 4
Janice Bricker
Email: fgms@sbcglobal.net
Website: www.fgms.org

October 8-9: GRASS VALLEY, CA

Nevada County Gem & Mineral Society
Nevada County Fairgrounds
11228 McCourtney Road
Hours: 10 - 5 daily
Kim Moore, (530) 470-0388
Email: kmoore160@comcast.net
Website: www.ncgms.org

October 8-9: TRONA, CA

Searles Lake Gem & Mineral Society
13337 Main Street
Hours: Sat 7:30 - 5; Sun 7:30 - 4
Jim & Bonnie Fairchild, (760) 372-5356
Email: slgms@iwvisp.com
Website: www1.iwvisp.com/tronagemclub

October 8-9: VISTA, CA

Vista Gem & Mineral Society
Antique Gas & Steam Engine Museum
2040 N. Sante Fe Avenue
Hours: 10 - 5 Daily
Lois Harr, (760) 724-0395

October 15: WEST HILLS, CA

Woodland Hills Rock Chippers
First United Methodist Church
22700 Sherman Way
Hours: 10 - 5
Mary Beth Pio
Email: info@rockchippers.org
Website: www.rockchippers.org

October 15-16: ANDERSON, CA

Shasta Gem & Mineral Society
Shasta District Fairgrounds
Briggs Street
Hours: Sat 9 - 5; Sun 10 - 4
Steve Puderbaugh, (530) 365-4000; Cell (530) 604-2951
Email: steve@applyaline.com
Website: www.shastagemandmineral.com

October 15-16: PLACERVILLE, CA

El Dorado County Mineral & Gem Society
El Dorado County Fairgrounds
100 Placerville Drive
Hours: 10 - 5 daily
Karen Newlin, (530) 676-2472
Email: info@rockandgemshow.org
Show Website: www.rockandgemshow.org

October 15-16: SANTA ROSA, CA

Santa Rosa Mineral & Gem Society
Veterans Memorial Auditorium
1351 Maple Ave
Hours: Sat 10 - 6; Sun 10 - 5
Debbie Granat, (707) 542-1651
Email: santarosarockshow@hotmail.com
Website: www.srmgs.org

October 15-16: WHITTIER, CA

Whittier Gem & Mineral Society
Whittier Community Center
7630 Washington
Hours: 10 - 5 daily
Marcia Goetz (626) 260-7239
Email: joemar1@verizon.net

October 22-23: LOS ALTOS, CA

Peninsula Gem & Geology Society
Los Altos Youth Center
One N. San Antonio Road
Hours: Sat 10 - 5; Sun 11 - 5
Steve Jobe, (408) 279-2069
Email: steve_job@sbcbglobal.net
Website: www.pggs.org/



Nevada County Gem & Mineral Society



2011 ELECTED OFFICERS

PRESIDENT	Jan Longacre
VICE PRESIDENT	Dan Chaplin
SECRETARY	Julie-Anne Lay
TREASURER	Todd Lawson
DIRECTORS	Kim Moore
	Snakes Hoffmann
	Terry Bartels

2011 COMMITTEE CHAIRPERSONS

FEDERATION DIRECTOR	Vacant
FIELD TRIP DIRECTORS	Vicki Black
	Tony Kampitch
HISTORIAN	Emma Lay
HOSPITALITY	Melba Sagaser
LIBRARIAN	Alex Lay
MEMBERSHIP	Nancy Spurgeon
PARLIAMENTARIAN	Vacant
CLUB PICNIC	Anita Wald-Tuttle
JUNIOR PROGRAM Asst	Kristy Lawson
JUNIOR PROGRAM Chairperson	Melba Sagaser
PROGRAM	Dan Chaplin
PUBLICITY	Robert & Joyce Emerson
	Kim Moore
REFRESHMENTS	Birthday Honorees
SHOW CHAIRMAN	Kim Moore
SHOW CHAIRMAN, ASSISTANT	Marty Patton
SHOW DEALER CHAIRMAN	Joyce Emerson
SUNSHINE	Mary Tucker
NEWSLETTER EDITOR	Todd Lawson
	P.O Box 565, Nevada City, CA. 95959
WEBMASTER	Todd Lawson

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

Nevada County Gem & Mineral Society Meetings

The Nevada County Gem and Mineral Society holds two meetings every month with certain exceptions. The membership is informed of exceptions during meetings and through Rock Writings. You are welcome to attend any meeting.

Executive Committee Meeting:

First Tuesday of the month, 6:00 p.m.
Golden Empire Grange Building
11363 Grange Ct., Grass Valley, CA

**Tuesday, October 4,
2011**

General Membership Meeting:

First Tuesday of the month, 7:00 p.m.
Golden Empire Grange Building
11363 Grange Ct., Grass Valley, CA

Membership Dues: Yearly membership dues for NCG&MS are \$20.00 for singles and \$25.00 for families. For more information or an application, contact Membership Chairman Nancy Spurgeon. *Deduct \$5.00 if you receive your newsletter via email*

NCG&MS is a non-profit organization that has these objectives:

- ♦ to promote the study of mineralogy, geology and fossils.
- ♦ to encourage the collection of minerals and gems.
- ♦ to foster the study and practice of the lapidary arts.
- ♦ to provide field trips to mineral localities.
- ♦ to promote good fellowship, education and recreation.



NEVADA COUNTY GEM AND MINERAL SOCIETY IS A PROUD MEMBER OF:
AMERICAN FEDERATION OF MINERALOGICAL SOCIETIES, INC. (AFMS)
CALIFORNIA FEDERATION OF MINERALOGICAL SOCIETIES, INC. (CFMS)



PERMISSION TO REPRINT ARTICLES IS GRANTED IF CREDITS ARE GIVEN.

ARTICLES WITH NO CREDITS ARE WRITTEN BY THE CO-EDITORS: Todd Lawson, Lori Woodhall, Nancy Spurgeon

Please send Exchange Newsletters & Newsletter Submissions to: Todd Lawson, Co-Editor

P.O Box 565, Nevada City, CA. 95959 or Email: todd.lawson@gmail.com



Nevada County Gem & Mineral Society
PO Box 565
Nevada City, CA 95959-0565

First Class Mail



October 2011

General Membership Meeting

**Tuesday, October 4, 2011
7:00-8:30 p.m.**

**October Program
Cash and Treasures DVD
&
Show Case How-To**

**** Bring a Friend! ****