

SHASTA GEM & MINERAL SOCIETY, INC.

Shasta Gem & Mineral Society, Inc ROC TOC 2010

Elected Officers

President
 Steve Puderbaugh..... 604-2951
 Vice President
 Sara Fenske..... 528-2651
 Secretary
 Phyllis Szynter 241-2010
 Treasurer
 Sandra Park/..... 246-9822
 Rochelle Ohlson, Assistant 221-8050

Board of Directors

Marianne Sweetwood..... 549-4598
 Steve Szynter 241-2010
 Bill Doyle..... 549-3039

 Junior Advisor & Work Shop Advisor:
 Rochelle Ohlson... 221-8050
 Assistant Junior & Shop Advisor
 Steve Szynter 241-2010

Appointed Committees

Programs
 Sara Fenske..... 528-2651
 Field Trips
 Jim Foster..... 347-1819
 Sara Fenske 528-2651
 Properties
 Bill Seward 365-8641
 Publicity
 Kelly O'Leary 221-7281
 Show Chairman
 Steve Puderbaugh
 Assistant Show Chairman 604-2051
 Bill Seward..... 365-8641
 Dealer Chairman
 Bill Seward 365-8641
 Membership
 Gretta Seward..... 365-8641
 Chaplin
 Jim Willis222-2331

Sunshine
 Joanne Pryor 241-2180
 Scholarship
 Marianne Sweetwood 549-4598
 Raffle
 Jim & Pat Foster 347-1819
 Hospitality
 Jan Stone 549-077
 Roc Toc
 Gretta Seward 365-8641
 Coffee
 Jan Stone 549-4077
 Superior Cal.
 Steve Puderbaugh ... 604-2951
 CFMS Directors
 Bob & Jeane Stultz 243-3024
 Kitchen: ALL MEMBERS
 Parliamentarian
 John Ellwanger 275-1055

Board Meeting: : Next to last Monday of each month, location to be determined by the Board.

Regular Meeting: The second Friday of each month, at the Anderson Grange Hall, south of the Redding Airport on Figtree Lane. Potluck dinner starts at 6:30, meeting after approx at 7:30.

Dues: \$15.00 each adult per year, junior membership is \$8.00 each per year paid to the membership chairman. Bulletins for life members are \$5.00 membership chairman.

SGMS is a member of the Superior Federation of the Mineralogical Societies and the Superior California Association. The SGMS is a non-profit organization dedicated to increasing knowledge of gem, minerals and the lapidary arts programs through reading, classes and field trips to perpetuate a deep friendship of fellow rock hounds. Permission is given for use of the material printed in the ROC TOC, provided credit is given. Exchange bulletins are welcome and can be mailed to Gretta Seward 20361 River Valley Dr., Anderson, California 96007-8406.

Shasta Gem & Mineral Society Club workshop is located at the "Marx House", 6471 Airport Road, Anderson, CA 96007. www.shastagemandmineral.com

OCTOBER BIRTHDAYS

All your fellow club members wish you a very Happy Birthday!

BIRTHSTONE: OPAL
FLOWER: CALENDULA

October's child is born for woe,
And life's vicissitudes must know;
But lay an opal on her breast,
And hope will lull those woes to rest.
Avon

THE OPAL

Opal is the most famous and precious of the silica gems. It is a non-crystalline form of quartz similar to chalcedony, but unlike chalcedony opal contains varying amounts of water loosely bound within its molecular structure. Differences in the internal arrangement of the water molecules are what distinguish precious opal (the gem form) from common opal, which is usually white or colorless and displays none of the brilliant flashes of light that characterize the gem stone.

In the gemstone the water molecules consist of an array of ultra-microscope spheres forming layers within the stone, which act as a three dimensional diffraction grating of extreme fineness. This is somewhat analogous to the formation of rainbows against a cloudy sky. Precious opal is classified by its body color into four groups; black, white, fire and water (jelly) opal.

Opal is deposited at relatively low temperatures from circulating waters as nodules, stalactites masses, vein lets and encrustations in nearly all kinds of rocks. It is most common in volcanic rocks, especially in areas of hot spring activity.

The finest gem opals have been obtained from Queensland and New South Wales in Australia. The Lightning Ridge Field is famous for superb black stones. Deposits of white opal in Japan, fire opal in Mexico and Honduras and several varieties of precious opal in India, New Zealand and western United States also have yielded much gem material. Most of the precious opal marketed in ancient times was obtained from occurrences in Czechoslovakia.

Most precious opals are finished in cabochon cut, as the position of the fire layers is irregular and does not lend itself to faceting. Loss of water due to heat

Undercutting while working the stone will cause a network of fine internal cracks called crazing to develop. Thus opals must be worked carefully or the whole fire layer could be lost.

Precious opal frequently fills quite thin fissures and is therefore often cut into thin flat stones. Sometimes these are so thin that they would soon break and wear, and they are therefore cemented to thicker pieces of common opal, onyx or even black glass. The resulting two-layer sandwich is called a doublet. However, even here the top layer is still exposed to wear. In recent years this problem has been solved by the addition of an upper protective clear quartz cabochon, which is cemented to the opal layer; thus creating the triplet. Triplets are most commonly used as ring stones.

Black opal is the most expensive and fine gems may bring more than \$1,000 per carat. Fine white opals may sell for hundreds of dollars per carat. Doublets and triplets are sold by the stone, rather than weight, and are usually cut to standard dimensions. Perhaps the largest stone ever found, one of 203 carats was presented to Queen Elizabeth II by the South Australian Government in 1954; the Andamooka opal.

The superstition that it is unlucky to be opal dies hard, but it has not depressed the value of stones of good quality. Until quite recently it has been impossible to imitate opal at all convincingly, but recent reports from Australia state that a synthesis has been successful, and that commercial production is feasible.

Dave Olson Pseudomorph 9/92

SHASTA GEM & MINERAL SOCIETY ANNUAL SHOW SCHEDULE: Our show is scheduled October 16 & 17th, 2010. We will start setting up Friday, October 15th at 8 am. We need help from all available members. Setting up should take no more than three hours.

The show hours for Saturday are 9 am to 5 pm, and Sunday is from 10 am to 4 pm.

After the show Sunday, we will take down the tables and display cases and carefully place them in the club trailer, and then clean the building. Help from all members again will be needed. Cleaning should take approximately two hours.

DISPLAY: If you have not been contacted and would like to put in a display at the show, please call Steve Puderbaugh at 365-4000.

DURING THE SHOW ten to fifteen members will be needed throughout the two days. Two members will be needed taking tickets, two at the silent auction table, two at the grab bag table and as many as possible doing security during the show. Extra people should plan on being available to give everyone a lunch break.

SILENT AUCTION MATERIAL is more than welcome. If you have any good material you would like to donate, it would be greatly appreciated. If you are unable to bring the material to the show, talk to a member and we will gladly arrange for it to be picked up. Please, only donate good material. Thank You!

JUNIORS were asked to bring their pictures along with the items they will be displaying at the gem show. The juniors are asking for any small items that you might have for their wheel.

BUSY TIME: There are a lot of things happening this time of year, so be sure to come to our meeting. If you have not already volunteered to help at the show, it is not too late. Please call one of the officers and give them your name. **YOUR HELP IS NEEDED! WITH YOUR HELP, THIS WILL BE A WONDERFUL SHOW.**

BOARD MEETINGS: All members are welcome to attend the board meetings, but please inform the host of your intentions. This is one way of getting acquainted.

IMPORTANT INFORMATION: Previous years, we have not had enough members showing up to help put the show on. This causes a hardship on those that were there. As previously stated, there has to be four people working at the front table. Two members greeting the public and handing out the hourly door prize and selling the scholarship tickets, two people selling grab bags, two working at the silent auction table, and as many as possible should be doing security. The people that are there would appreciate a lunch break. If we do not have enough people working this year, we will have to do away with the silent auction and perhaps the grab bags. If we do this, we will lose approximately \$800.

Our shows pay the rent for Grange Hall, insurance for our meetings and field trips. It also helps purchase material for the workshop.

There will be sign up sheets at our next meeting for the various duties that is required to put on a show. We hope you will step up and volunteer.

I realize some of this information has been repeated, but I am just trying to make a point that **YOUR HELP IS NEEDED.**

DINNER will be served Friday night to the dealers, displayers, demonstrators and club members that are there to help set up and put on the show. The dinner will start at approximately 5:30 pm.

WORKSHOP: There has been a lot of work done in the last few weeks by Jim Foster, Steve Lay and myself. We still need to get new light bulbs in the ceiling lights, and this is a two-man job with two ladders. We all so need to install the light fixtures that we purchased

Jim Foster and I fixed some switches that turned on and off sanders and grinders motors. Now you do not have to reach over them to reach the switch. We also fixed a drain that was falling apart. Now there should not be water on the floor.

Steve Lay rebuilt the bull wheel polisher and now it looks like new, basically it is a new one.

NICE DONATION: We received a very nice donation from Deborah Ferguson. The donation included an 8" flat lap; 4" trim saw, a new 10" saw blade and an 8" arbor that needs a new motor; plus a lot miscellaneous items. Thank you Deborah.

NAME BADGE: If you wish to purchase a name badge please contact Kathy Jensen at 229-1021 or see her at the next meeting. There are two types of badges available. The badge that you pin on is \$3.50 each and the magnetic badge is \$5.50 each. Kathy's address is 3276 Misty Drive, Redding, CA 96001.

BITS & PIECES: If someone listens, or stretches out a hand of encouragement, or attempts to understand a lonely person, extraordinary things begin to happen.

Part of having a strong sense of self is to be accountable for one's actions. No matter how much we explore motives or lack of motives, we are what we do.

The essence of courage is not that your heart should not quake, but that nobody else knows that it does.

Minutes of the Sept 10th General Meeting of the Shasta Gem & Mineral Society

The general meeting of the Shasta Gem and Mineral Society was called to order at 7:15 PM on Sept 10th, 2010. The sunshine report was given by Jo Ann Pryor. Bill Doyle had knee surgery and is doing very well. There were no guests tonight.

We need to stuff grab bags for our October show. We can buy the same type of filling that the Paradise club buys. Bill & Susan Doyle and Gary Gragg offered to help stuff grab bags on Wednesday afternoon. Bill Seward made a motion to put a notice in the newsletter stating that if you wanted to be on the election slate, call the club. Bill Doyle seconded the motion and it was approved. All of the 2010 officers are continuing for the 2011 year.

December 1st is the cut off date for scholarship applications. Four people have responded with interest in the rock club scholarships. Scholarship applications have been sent to them. The club is offering the scholarships directly and not going through Shasta college.

Hot dog vendors for the October show are needed. Cindi Costa and Bill Doyle have people that might fill the bill.

Kelly O'Leary reported on advertising for the shows. New venues such as Wonderland - Cascade tourist bureau, and radio and newspaper ads are being used.

The food for the dealers dinner was discussed. Susan Doyle could do the Costco pickup for the food.

In new business there will be a beading class at the shop tomorrow Sept 11th. The teacher is from The Beadman and will teach 2 classes, the first for children under the age of 12 and the second class for those 12 and older. The classes are free. A six month free pass was proposed to be given to the teacher as a thank you gift. She will return every two months to teach more free classes.

Bill Doyle made a motion to close the meeting. And Sara Fenske seconded the motion.

The pot luck before the meeting was great. After the meeting and before the raffle Sara Fenske showed material from previous field trips with the location of the material.

The raffle made \$189 and the silent auction earned \$61.

WELCOME TO A NEW MEMBER: We would like to welcome Jim Willis to the SG&M Club. We hope you will find being a member a rewarding experience

Please introduce yourself when you see some one at our meetings that you do not know. We want everyone to feel welcome. Remember members, you need to bring your own table service and your potluck dish to all meetings.

The Roc Toc is our monthly newsletter and we mail them to members that do not have a computer. Please access www.shastagemandmineral.com for your copy. If you receive a copy in the mail and have a computer, please give me a call so I can take you off the mailing list. The money we save will be used in making purchases needed at the workshop. Please call Gretta Seward at 365-8641. Thank You.

DUES ARE DUE: THE 2011 DUES ARE DUE IN OCTOBER.

A woman goes to the doctor, beaten black and blue.

Doctor: "What happened?"

Woman: "Doctor, I don't know what to do.

Every time my husband comes home drunk he beats me to a pulp."

Doctor: "I have a real good medicine for that. When your husband comes home drunk, Just take a glass of sweet tea and start Swishing it in your mouth. Just swish and Swish but don't swallow until he goes to bed and is asleep."

Two weeks later the woman comes Back to the doctor looking fresh and reborn.

Woman: "Doctor, that was a brilliant idea! Every time my husband came home drunk, I Swished with sweet tea. I swished And swished, and he didn't touch me!"

Doctor: "You see how much keeping your mouth shut helps?"

Sept. 2010 Board meeting

The Shasta Gem and Mineral Society Board Meeting was held on Sept 20, 2010 and was convened at 7:15 PM. Sara Fenske prepared a wonderful Lasagna and Stroganoff dinner with a big salad plus cheesecake and lemon crisp dessert. Sara really spoiled us.

Steve Puderbaugh started the meeting by reading last months board meeting minutes. He then discussed the upcoming October show. He stated that the committees for the show can solve their problems more speedily using email.

The dealers dinner will be at 5:30 PM Friday night. Bill Seward is getting the meat and Susan Doyle is going to go to Costco to get the place settings, sheet cake, butter, salad dressing, salad, etc. Steve Puderbaugh is bringing the ice.

John Ellwanger was appointed Parliamentarian for the club. New members will receive copies of the clubs Constitution in the package they receive upon joining and copies will be available on the front table at the meetings.

Steve Lay will be asked to the electrical work for the show. We have 19 - 23 display cases available and no new cases will be made before the October show. Twenty one dealers have signed up so far. The silent auction needs material and Bill Doyle will run it. The juniors will do popcorn. Demonstrator - dealers need to give notice of participation ahead of time for the show.

Bill Doyle made a motion for the club to appoint a volunteer chaplain. Jim Willis who is a member of the club was proposed. Zeke Breazeale seconded the motion and it was passed. Jim Willis was present to be confirmed for the office. Jim will work with Jo Ann Pryor. Tony Duncan is recuperating from an emergency operation on his abdomen.

Future tailgating rock swaps at the shop parking lot will be advertised well ahead of time. Dates need to be set. Lights need to be replaced in the workshop soon. The hot plate in the shop has been set way too hot and needs to be fixed so the temperature can not be set too high.

Zeke Breazeale made the motion to close the meeting and Sara Fenske seconded it. The meeting was adjourned at 8:25 PM

Minutes of the Aug 23rd Board Meeting

The Aug 23rd board meeting started at 7 PM. We had dessert provided by Mary Ann Sweetwood before the meeting which was held at the Shasta Gem and Mineral rock shop.

Steve Puderbaugh suggested the club could use a membership boost by collecting membership dues in October. The club members that don't want an email newsletter need to be sent a short Roc Toc in the postal mail.

The 2011 show will cost to enter but 3 hours of work at the show will get you in free for one day or in other words free passes for the workers.

Dave Carpenter passed out showcase applications for the 2010 October show. The dealers dinner will be the same as usual.

Mary Ann Sweetwood reported on the scholarship committee. The application forms need to be given out by the club, not Shasta College. Susan Doyle was thanked for her work on the forms.

Sara Fenske suggested a display case for local field trips. The clubs input will be asked for. Our annual audit of the treasurers will be sent to the state by an outside person. This is raffle sales only. Terry Coverts name was suggested for this by Rochelle Ohlson .

The grab bag contents are going to be bought by raffle funds. The legality of a scholarship to the workshop from the raffle funds was brought up. Rochelle will deposit the raffle money separately from the auction funds.

Sept 4th is the next tailgate sale. A sale of workshop material including donated rocks was suggested to benefit the club. Workshop electrical repair is needed. It was brought up to have adults only turn on the machines.

The re-election committee starts at the September general meeting with three people to be selected. The officers who are continuing are the secretary and treasurer. Sara wants someone else to bring in a program once in a while when she can not. John Ellwanger will run for the board if asked.

Mary Ann Sweetwood made a motion to end the meeting and it was seconded by Bill Doyle. The meeting was adjourned at 8:10 PM

Shasta Gem and Mineral Society, Inc.

57th Annual

GEM, MINERAL & JEWELRY SHOW

October 16th & 17th, 2010

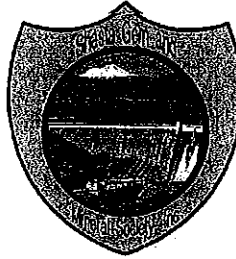


Shasta County Fairgrounds

Anderson, CA

Gems, Crystals, Fossils
 Lampwork Beads, Beads,
 Finished Jewelry
 Polished Stones
 Jewelry Making Supplies
 Equipment
 Demonstrations
 Bar-B-Que
 Exhibits
 Dealers
 Free Admission-Free Parking

Saturday 9- 5
 Sunday 10- 4
 Kids Activities

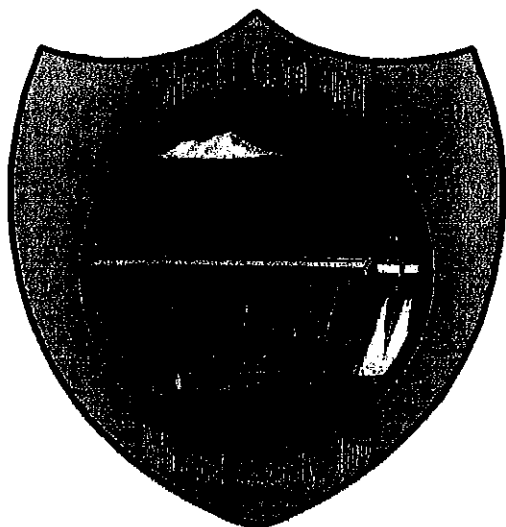


check us out at:

www.shastagemandmineral.com

Shasta Gem Mineral Society

October 2010						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1	2 Open Workshop 10 am-2 pm Richard Park
3	4	5 Open Workshop 5:30-8:30pm Steve Puderbaugh	6	7	8 Club Mtg Anderson Grange Hall 6pm	9 Open Workshop 10 am-2 pm Ohlson/Sznytter Kids Free Day
10	11	12 Open Workshop 5:30-8:30pm Steve Lay	13	14	15 Gem Show Set-up at Fairgrounds	16 Gem Show Shop Closed
17 Gem Show All Hands on Deck Teardown 4 pm	18 Board Meeting 7pm Host: Parks at Workshop	19 Open Workshop 5:30-8:30pm Zeke Breazeale	20	21	22	23 Open Workshop 10 am-2 pm Ohlson/Sznytter
24	25	26 Open Workshop 5:30-8:30pm Bill & Susan Doyle	27	28	29	30 Open Workshop 10 am-2 pm Park/Eilwanger
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SHASTA GEM AND MINERAL SOCIETY, INC.

News Release

The Shasta Gem and Mineral Society, Inc. is pleased to announce that it will be awarding two (2) Academic Scholarships in the amount of \$1,000.00 each to eligible students that are currently enrolled in Earth-Science Studies at qualified educational institutions.

Further information and applications for these scholarships can be obtained from the following:

Bill Doyle
Shasta Gem and Mineral Society, Inc.
Post Office Box 1094
Bella Vista, CA 96008-1094
Phone: 530-549-3039

Tektites

A tektite is a glassy stone that may look like a teardrop, ball, disk, rod, dumb-bell or button. Tektites measure from about ½ inch to several inches across. They are black, dark brown, or dark green, and they usually have grooved or pitted surfaces. Tektites differ chemically from meteorites, but some of them contain small bits of meteorite iron. Some scientists believe that tektites were formed when giant meteorites or comets crashed into earth. The blast melted the soil and splashed drops of liquefied rock over great distances. These drops solidified and fell to earth. Still others think that impacts on the moon blasted chunks of material weighing millions of tons through space into orbit around the earth. These chunks then broke into smaller pieces that melted and solidified again while descending through the earth's atmosphere.