



The Matrix

Official Newsletter of the
Sacramento Mineral Society
Sacramento, California



April 2006
Volume 66, No. 4

For Your Information: Rock Collection Appraisals

By Barbara Foskett

Over the years we have had several requests for someone to look at a rock collection and help determine if the rocks have value. Several members have helped with this. The last request was for an appraisal service to establish a value for an extensive and well organized rock/mineral collection. I called several members and Jud Darling suggested I call Jay Buscio, a former member of the Sacramento Mineral Society. When I called him, Jay informed me that he is doing rock appraisals as a business. We now have a good resource to help individuals who need an evaluation of a collection.

During our conversation Jay said he would be willing to present a program at one of our Educational Meetings. Jay was the president of Sacramento Mineral Society during the 80's and provided many learning opportunities for rockhounds.

A call by the editor reveals that Jay has been a resource for northern California rock enthusiasts for 30 years. He's been a board member of the *California Minerals Education Foundation* for 15 years and puts together mineral kits for schools in the north part of the state. He especially enjoys "teaching teachers how to teach kids" about minerals and considers it a payback to the 6th grade teacher that originally got him hooked on the topic.

He is willing to be a resource for anyone who might need appraisals, evaluations of their collections, or other information. He can be reached at (916) 366-0535.

April Educational Meeting

Jim Christian – Sculptural Soft Stone Carving

Please join us at the Educational Meeting on Thursday, April 20, at 7:30 p.m. for a presentation by Jim Christian on the topic of Sculptural Soft Stone Carving. A relatively new member of the SMS, Jim is a past President of the *Valley Sculptural Artists* at the Sacramento Fine Arts Center and an internationally awarded sculptor with over 40 years of experience.

Jim will be bringing some of his one-of-a-kind creations and some examples of local raw stone suitable for carving. He plans on sharing a video tape of techniques for the beginner and will discuss these basic techniques, including the application of both power tools and hand tools in the carving process. Additional discussion will include how to select stone for carving, how to select your subject matter, and the steps in the process of taking your design from paper to stone. He'll also review polishing techniques and provide resource information for those that would like to explore the art form.

For anyone who has every ooh'd and aah'd over sculpture in stone and those who have ever contemplated giving it a try, this program is for you! Come and join us at the meeting and consider bringing a friend to introduce them to the SMS! As always, don't forget your dollars for the silent auction and lottery!

Rock Painting Days

We still need more rocks painted before *Snyder's Powwow*. Our members' wonderful painted rock creations have always been a big hit as prizes from the spinning wheel – the kids just love them!

Two more Saturdays in April are being set aside for this social task. Please spend at least a little time on Saturday, April 8th, or Saturday, April 29th, putting some of your creative magic to use. All supplies, including a variety of images to use for inspiration, will be available in the clubhouse.

If you are unable to help out on these designated Saturdays, rocks and supplies can also be taken home for that "in front of the TV" painting project. The supplies are usually always available in the clubhouse.

IN THIS ISSUE

Page 2	President's Message Club Historian Errata
Page 3	April Birthstone Letter from Manti Wire Wrapping Class
Page 4	March Business Meeting Minutes New Members Recollections
Page 5	Federation News: <i>Safety, AFMS Convention, Cab Cases, Education Through Sharing</i>
Page 6	Dinosaur Feathers Mineralogy Class Update
Page 7	Rumors Fossil Presentation March Educational Meeting SMS Calendar
Page 8	Valley Springs Powwow
Page 9	CO-OP / Field Trips
Page 10	Shows & Events
Page 11	Shop Steward Schedule



The right to copy is freely granted to AFMS-affiliated clubs and its members with proper credit given to *The Matrix*.





Sacramento Mineral Society
 P.O. Box 160544
 Sacramento, CA, 95816

Founded February 1936 ♦ Colors: Blue & Gold

Member of:

American Federation of Mineralogical Societies
 California Federation of Mineralogical Societies
 CO-OP Field Trip Association

Location and Meeting Times:

SMS Clubhouse
 4205 LeMay Street, Rancho Cordova, CA

Business Meeting:
 2nd Thursday of every month, 7:00 p.m.

Educational Meeting:

3rd Thursday of every month, 7:30 p.m.

Visitors are always welcome

Shop open Saturday and Wednesday
 10:00 a.m. to 2:00 p.m.; Shop fee: \$7.00

Dues: \$30.00 per calendar year

Web Site: www.sacmineralsociety.org

Mission Statement

The Sacramento Mineral Society is dedicated to promoting interest in and increasing knowledge and understanding of mineralogy and the related sciences and lapidary and the related arts; to promote and organize field trips, to encourage the study of geological formations and the collection and preservation of minerals as they occur in nature.

SMS Goal

The goal of the Sacramento Mineral Society is to gain and maintain an active membership of adults and juniors who are interested in mineralogy and the related sciences, and lapidary and the related arts, and who will eventually carry our club into the future. Our club is about learning and teaching. We all have something to learn and each of us has something to teach. We share our passion for minerals, fossils and the lapidary arts.

President's Message

Members and prospective members: Spring is here and the fun begins!

Gem Faire is on April 7th, 8th, and 9th, and new members especially – we need your help. *Snyder's Powwow* is the first week of May; a sign-up sheet will be in the clubhouse. Our Open House and Barbecue after the gem faire on April 15th is a great event at our clubhouse and we need help with desserts and some food; we also need help on set up and helping take money, and cooking the food and serving.

I want to thank Dan Brown for doing a great job with the Mineralogy Identification class so far and Kevin Beguhl for a great Wire Wrap class. All attendees for both classes are very pleased.

I want to thank Kevin Beguhl for volunteering for set up, Carl Zimmerman for take down, and Vi De Cou, Ron Shimizu and Lana Paulhamus for taking the lead positions for our November show. And Carolyn Davis for helping me with the dealer portion of the show set-up on Thursday.

Thank you to all and be sure to attend our next Educational Meeting on April 20th.

Happy Rock Hunting!
 –Sheldon Shuper

SMS Needs a Club Historian

By Barbara Foscett

We all collect things, right? Most of us collect rocks or minerals or we probably wouldn't be a member of this club. And guess what – being a "collector" is just about the only requirement necessary to be the club's Historian.

Being the Historian for the club is not a difficult job. The person obtains a scrap book and puts into it everything the club does during the year. Pictures, flyers, articles and announcements about activities, field trips, show information, classes given – these are just some of the subjects that can be included in the book. Kimberly Anderson was the Historian a few years ago and you may want to look at the wonderful things that she put into the Historian book for that year.

Anyone interested in gathering and maintaining this information for the club should contact a board member to volunteer.



Errata: Alas, modern communication is not always perfect. Due to non-delivery of email information to the editor from Dan Brown, the article in the March issue of *The Matrix* indicating that dates had not yet been selected for the Mineralogy Identification class was in error.

Thankfully, Dan contacted those who expressed interest and the course did in fact begin on Wednesday, March 1st. See the article on page 6 of this issue of *The Matrix* for an update on the class.

2006 Board Members

President: Sheldon Shuper (916) 383-9153
 Vice President: Carl Zimmerman (916) 739-1279
 Secretary: Carolyn Davis (916) 482-1345 bb1doc@hotmail.com
 Treasurer: OPEN (Sheldon Shuper, Acting Treasurer)
 Federation Director: Barbara Foscett (916) 685-4111 jfosback@aol.com
 Editor: Kris Jarusevicius (916) 451-4806 sms-editor@pacbell.net
 Past President: Les Clark (916) 421-4752
 Directors 2006-2007: Linda Baglin (916) 685-8132 lolybag@aol.com
 Dixie Christenson (916) 455-0421 gildedcat@sbcglobal.net
 Lana Paulhamus (916) 372-5117
 Directors 2005-2006: Mike Hunerlach (916) 989-4653 mphunerlach@comcast.net
 Richard Davis (916) 482-1345

Committees and Chairs

By-Laws: Sheldon Shuper
 Barbara Foscett
 Les Clark
 Display: Carl Zimmerman
 Field Trip Coordinator: Les Clark
 Shop Foreman: Mike Hunerlach
 Groundskeeper: Carl Zimmerman
 2006 Show Coordinator: Sheldon Shuper
 Librarian/Historian: Frank Fawcett
 Greeters: Linda Baglin
 Sheldon Shuper
 Scholarship: Lisa Hammersley
 Mike Hunerlach
 Sheldon Shuper
 Shop Advisor: Stan Henneman
 Membership: Barbara Foscett
 Webmaster: Tarance & Kevin Beguhl
 Mailing: Tony & Millie Ivanovich
 Juniors: OPEN
 Advertising: Janice Marzolf
 Publicity: OPEN
 Sunshine: Carl Zimmerman
 Dan Brown

Happy Birthday to All April Babies! April's Birthstone: Diamond

The word Diamond is derived from the Greek word, *Adamas*, meaning "impossible to tame" or "unconquerable". Considered the "King of Gems", it symbolizes omnipotent power, purity, strength, fearlessness and invincibility. Nothing compares to diamond in hardness.

Prized as a decoration, amulet, and industrial tool, diamonds became popular as a gemstone starting in the 1300's and by the 1400's were being used in wedding rings. British monarchs added them to their royal treasure troves; French kings adored them. Jehan Shah, builder of the Taj Mahal, wore an 88-carat heirloom at his coronation in 1628. Diamonds personify value. The luxury car, the private plane, the regal fur are all passing pleasures; but diamonds are lifelong reminders of love and attachment – and having sealed a bond for one generation, they can be passed unblemished to the next. Diamonds are forever.

And diamonds seemingly have been around forever. The world's first known reference comes from a Sanskrit manuscript written during the Mauryan Dynasty c. 321-185 B.C. The first river-bed (alluvial) diamonds were probably discovered around 800 B.C and were said to be mined in India at least as far back as 400 B.C. For hundreds of years, diamonds were thought to have gender. In 1566, Francois Ruet described two diamonds producing offspring. (Hmm... no wonder we all want to collect them! –*Ed.*)

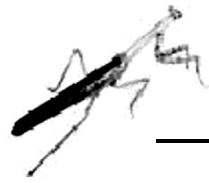
Lore from many cultures surround the topic of diamonds. Ancient Greeks and Romans believed diamonds to be tears of the gods and splinters from the stars. Diamonds were given to insure love and harmony, dispel anger, and were often used as a talisman against cowardice. They were worn as unpolished stones and were treasured for their beauty and powers.

Legend has it that Europeans first discovered African diamonds in a Shaman's leather pouch. The Shaman used his diamonds as those of this day use quartz crystals; carrying them in a leather bag around their necks and using its power to fall into trance.

The Hindus believed that the brilliant gem was created when bolts of lightning struck rocks. To be effective as a talisman, the gem would have to be given as a token of love or friendship; if bought or sold, it would lose its powers. Once received, it was believed the gem could strengthen friendship and bring to its wearer a youthful vitality, power, wealth and success. It had to be flawless however; a flawed diamond or one containing spots or specks was so unlucky that it could mean death for its wearer and even deprive the God Indra of his highest heaven. The Hindus classified diamonds according to four castes: the *Braham*, the *Kshatriya*, the *Vaisya* and the *Sudra*.

The alchemists of the Middle Ages considered the diamond coming from distant India to be a magic stone with big powers: this precious stone bestowed upon its wearer power, strength, and bravery and, therefore, should help in war to gain victory.

(Continued on page 11)



Letter From Manti

What an enjoyable Saturday I had in March! I watched as some SMS members went into the shop and others went into the meeting room. The meeting room became very crowded and I noticed that everyone who went into the room had a beautiful cab or two. I soon found out why they were bringing finished cabs to the meeting room. This was a day for instruction in wire wrap or wire artistry.

The instructor was really prepared with wire and tools and other materials such as tape, pens and rulers. He was very precise with his directions and was also very patient. Some of the students were experienced and they, too, helped others.

After several hours of work the results were dazzling. Everyone seemed so happy with their creation. I think they all want to do it again.

Love,
~ Manti

Envious of All Those Wire-Wrapped Dangles People are Wearing Lately? It's Your Turn to Create One!



Kevin Beguhl presented his first wire wrap class to a group of 16 very enthusiastic participants on Saturday, March 11. And a great success it was! Members raved about the knowledge, techniques and instruction he shared and each person came away with a personally wrapped stone of his or her own unique design.

Kevin will continue to offer classes, possibly on a monthly basis. The next class will be on Saturday, April 22, from 10-2 at the clubhouse. Whether you're a first-timer or would just like to get more dedicated practice in, please plan on joining us. A May class is tentatively planned for Saturday, May 13th (watch *The Matrix* for confirmation).

Cost for the class is a \$7.00 shop fee plus \$8.00 for materials (silver or gold-filled wire). Each participant should bring a cabochon of choice – any shape, freeform or standard. Also bring any tools you may have (pliers, cutters, rulers, etc.); there will be tools available both for use in the class and for sale. Kevin will also have additional wire and chains for purchase.



There's no limit to class size, but you must sign up in advance. Call Kevin at 459-7556 or email him at webeguhl@aol.com to let him know you'll be attending.

Business Meeting Minutes Thursday, March 9, 2006

The Business Meeting was called to order at 7:00 p.m. by Sheldon Shuper and the Pledge of Allegiance was said.

The budget report was given by Sheldon. We had a small deficit in administrative receipts. There was a net profit from the shop, giving us an overall profit to date.

We already have 33 dealers for the show in November. It is questionable whether we can add additional dealers.

We have eight new members for the month. This gives us the largest number of members so early in the season.

Shop topics: It will take approximately a year to repair the 30" saw. The inspection by the Fire Marshall went well. We need to label containers such as those containing oil, etc. The inspector will return on the 21st to see that we have made the requested corrections, including have a two-foot clearance from the ceiling.

Communications: The CFMS reviews clubs periodically and we are one of the clubs being evaluated this year. A discussion was had about ways to increase membership.

Kevin has been working on the web site. He has corrected the officers and also updated the calendar.

Kevin held a wire-wrapping class that was enjoyed by all. He will be holding more classes in the future.

A long discussion was held about the show. There was discussion about the fees and the majority of members agreed to increase the fees to \$5.00/\$4.00 with coupon for adults. We also discussed having a two or three day pass for \$8.00. There was further discussion and it was agreed that we would address this topic prior to the Educational Meeting.

Snyder's Powwow will be held on the first weekend in May. Four people will be needed to set up. Les and Carl have agreed to help. We will need additional volunteers to man the SMS booth during the show.

People have volunteered to assist with various days and in different areas of the show; for example, I (Carolyn Davis) will be helping the dealers get set up.

Follow-up at the Educational Meeting, Thursday, March 16th:

A meeting was held prior to the program and the rates for the show entrance fees of \$5.00 per day and \$8.00 for a three-day pass were approved. New flyers will be prepared.

At the Educational Meeting, Mike Hunerlach discussed the field trip to Cady Mountains. More details about the trip later. His talk was excellent.

Respectfully submitted,
—Carolyn Davis

Tip: To polish **Tiger Eye** to a gloss finish, polish once, dry, then put a drop of vinegar on it. Leave a couple of minutes then polish again.

Chips "N Splinters, 08/01



March's New Members

Eight new members have joined our ranks and were approved for membership at the March Business Meeting. Please meet and greet: Cherie Anderson, Mike Clawson, Angela Fegan, Glen Graham, Cathy Grossjan, Michal Grossjan, Brian Kindsvater, and junior member, Marisa Kindsvater. Welcome to the club!

"Recollections"

By Les Clark

In 1947, I worked on a gold dredge during the week and on weekends was a cat skinner (dozer operator), leveling out the tailing piles, and occasionally exposing pieces of petrified wood. That experience started a lifetime of an all-consuming hobby—Rockhounding!

In the 1960's, I attended lapidary and mineralogy classes given by McClanahan, a professor at Sacramento City College. During the intervening years, I've been a member of seven different gem and mineral groups as Field Trip Leader, and at times President of four. Over those years, I've had the pleasure of meeting and working with hundreds of wonderful people from a large variety of backgrounds and knowledge.

In the mid 1990's, I became a member of the Sacramento Mineral Society. We were having directors meetings in members' homes and educational meetings in Johnson High School's auditorium. For a couple of years we held our meetings in a church.

In 1993, the Air Force closed Mather Field and gave the premises to the county. This became a fantastic opportunity for our society, with many vacant buildings on the base looking for occupants. Jud Darling, a former Air Force officer who was stationed at the base years before, had an intimate knowledge of the area and in working with the military. (The latter assisted us in acquiring numerous items needed to furnish our buildings.)

In January 1996, Jud Darling became our new President. On February 9th of that year, Jud and I met with the county airport officials, worked out a contract (on a rental basis only), and received keys to three buildings.

One building, 20' x 48', had a large hole in a wall. Before we could occupy it, a large wind blew through the hole; the entire building rose up and crashed down, totally destroying it. We hired two temporary workers to assist Jud, Jim Foskett and myself with moving into the remaining buildings. It took many months of planning and work to get the interiors in shape, and it is still a work in progress.

I would like to take this opportunity to acknowledge those who did the tremendous work to put all this together: Jud Darling, Jim Foskett, Cal Kesler, Don Wichman, Dave Fisk, Paul Wood, and many others such as Tony and Millie Ivanovich. Last but not least, our wonderful membership chair and CFMS Federation Representative, Barbara Foskett. Thanks again!!

And if you haven't noticed the date... We're currently celebrating our 10-year anniversary at the Mather site. Happy Anniversary everybody!!

AFMS www.amfed.org

Federation News

CFMS www.cfmsinc.org

Be Safe – Be Well

By Don Monroe, AFMS Safety Chair

In previous months, I have submitted original articles usually dealing with issues that were current and filled a need. This month I am using material that I found in one of my old files. I do not know the author. I really wish I did so that I can give proper credit. I like the article and hope some of you will also appreciate the content.

Safety Rules

Jewelry Making can be a most enjoyable hobby, but there are certain hazards which must be avoided, and can be by following a few simple rules:

- Work safely. You can't bet by on luck.
- Don't polish a wire or chain on a rotary tool without nailing the wire or chain to a board. This might wrap around the arbor and pull your hand with it.
- Don't set fire to your clothing with the torch. Fuzzy sweaters are dangerous.
- Don't drop the torch or fail to turn it off. An explosion might follow.
- Don't pour water into acid when making pickle; pour acid into water.
- Don't turn over the pickle or boil pot. Keep handles to the rear.
- Don't put a large piece of very hot metal in pickle. It might splash.
- Don't pick up the charcoal block or hot metal until you are sure they are cool.
- Don't hold a piece being drilled with your hand; the drill might slip or break or the piece might spin when the drill breaks through. Use pliers.
- Don't put your fingers inside any item being polished, for example, a belt buckle, a ring, a bracelet, etc. Hold the work being polished between finger tips and thumb.
- Don't wear rubber gloves or fingerstalls when polishing; these might wrap around the arbor.
- Don't work without some protection for the eyes such as plastic goggles or a magnifying eye piece, particularly when using a rotating wire brush.
- Don't let your tie or hair get caught by the rotating arbor. This could be fatal.
- Don't get into contact with electricity or belts. Don't work on a wet or damp floor.
- Don't fail to report any apparent hazard immediately.
- We repeat: "Work safely. You can't get by on luck!"

Just fail to observe these rules and you will find your situation comparable to that of the fellow whose wife had the stonemason carve on his tombstone: "I told you to go to the doctor."

AFMS News, April 2006

Rockin' In Nashville

The SFMS/AFMS 2006 convention is scheduled to be held in Nashville, Tennessee in mid August. The Hotel Preston is the host hotel and we're all encouraged to make reservations with them as early as possible. August is prime vacation time and Nashville is a major tourist stop. A block of rooms is being held for us, but rooms are going quickly and once they are gone, others in the hotel may not be available. Be sure to call the hotel directly and tell them that you are with the AFMS Convention to receive the group rate for the rooms.

As of publication date (early March) we've not received further information about registration or other activities. We suggest checking the AFMS website (www.amfed.org) and following the links to the show to find the latest news. We're hoping to have full information for the May issue.

In the meantime... plan on coming to Nashville in August. Besides getting to meet with AFMS'ers from all over the U.S., you'll get a chance to visit a wonderful show hosted by the *Middle Tennessee Gem & Mineral Society* and be able to take advantage of all the "touristy" things that Nashville has to offer.

Make those reservations at the Hotel Preston, get your exhibit case together, and join the fun as we go "Rockin' in Nashville" this August.

AFMS News, April 2006

CFMS Cab Cases

Mary Ann King has recently volunteered to be in charge of the CFMS Cab Cases North. She is available to bring the cases to display at club shows. Arrangements can be made for delivery of the cases by calling her at (707) 747-5186.

CFMS News – Education Through Sharing

By Barbara Foscett

The CFMS has several recognition programs. One of the programs is called "Education Through Sharing." Some individuals refer to it as the *Rockhound of the Year Award*. The *Education Through Sharing* award is given to recognize, thank, and honor a club member who makes a great contribution to our hobby and goals.

We have many dedicated members who contribute time and effort to SMS. Nominations for the award can be made by anyone in the club. Please write a letter of nomination for someone you believe has worked and contributed toward making SMS the outstanding club it is. Bring your letter of nomination to the clubhouse before May 1st, and put the letter in the box on the front table in the meeting room.

The following SMS members have received the award in previous years: Millie and Tony Ivanovich, Jim and Barbara Foscett, Les Clark, Jud Darling, and Stan Henneman.

Fossil Prompts Rethink on Dinosaur Feathers

Scientists take another look at how feathers evolved

LONDON - A newly discovered, perfectly preserved fossil of a 150 million-year-old dinosaur found in southern Germany may force scientists to rethink how and when feathers evolved.

The nearly complete remains of the chicken-size dinosaur named Juravenator, which is described in the journal *Nature*, were preserved in limestone. But unlike other members of the group of two-legged meat-eating predators known as coelurosaurs, it had no feathers. "It is an absolutely new dinosaur that was not known before," said Ursula Gohlich, a paleontologist at the University of Munich in Germany.

Remains of small dinosaurs from the Late Jurassic period are rare finds. The new fossil is nearly complete, apart from a missing part of its long tail, and shows soft tissue and an imprint of the skin but no feathers. "Scientists had thought that all representatives of the group coelurosaurs should have feathers," Gohlich told Reuters. "Now we have a little dinosaur that belongs to coelurosaurs that does not show feathers. This is a problem."

Complex evolution

Feathers were thought to have evolved very early within coelurosaurs. All members of the group were thought to be feathered. But Gohlich and Luis Chiappe, of the Natural History Museum of Los Angeles County in California, believe the evolution of feathers may be more complex than previously thought.



Feathers may have evolved early but then were replaced by scales in some creatures because they were not needed. "Another possibility is that some representatives of coelurosaurs were not entirely covered with feathers, only certain areas," said Gohlich.

The newly discovered Juravenator was very young so may not have lived long enough to develop feathers. But Gohlich said that despite its age, she would have expected it to have had feathers. "We think that feathers evolved. We have several

fossils that support this theory. But our fossil asks some questions," she added.

The oldest known bird, Archaeopteryx, was also found in southern Germany. It too lived about 150 million years ago and had feathers but it is uncertain whether they were used to fly or to keep warm.

Xing Xu, of the Chinese Academy of Sciences in Beijing, said whatever the explanation, the discovery of Juravenator has enriched knowledge of early feather evolution. It could also indicate where future research could be concentrated. "Juravenator may complicate the picture, but it makes it more complete and realistic," he said in a commentary in the journal.

March 15, 2006 - Found at: <http://www.msnbc.msn.com/id/11838533/>

Mineralogy Identification Class Update

A new course offering by the SMS, a Mineralogy Identification course began on Wednesday, March 1st. The series of classes is being given by Dan Brown and continues at the clubhouse every other Wednesday through May 24th from 1:00 p.m. to 3:00 p.m. Class attendance has been good with eight people attending each session -- small enough to permit individual attention and instruction, but large enough for a healthy group discussion.

Material covered so far includes the origin of the Earth and the first rocks. Questions posed for discussion included: *What is a rock?* and *What is a mineral?* Participants are learning about physical properties and the testing of minerals through color, streak, luster, cleavage, hardness, magnetic properties, sensory touch, crystal form, and density. Future topics will include specific gravity, mineral chemistry, the *Dana System of Classification of Minerals*, chemical testing and crystal system.

There will be a break in the course through the summer and possibly new classes beginning in September. Dan has received requests for a repeat of this class for beginners to be given on Saturdays and possibly an intermediate level class as well. All ideas are being considered. Dan would appreciate knowing what the club is interested in and the names of members who would like to participate in the future. To share your interest with him, contact Dan by email at danbrown666@msn.com or by phone at (209) 296-6466.

KATERINA'S TREASURES FINE JEWELRY & GIFTS



SILVER & GOLD JEWELRY
SCREAM BODY JEWELRY ~ LOOSE GEMS
MONTANA SILVERSMITHS ~ CANDLES
CELTIC JEWELRY ~ BEADS ~ MOUNTINGS
WIRE WRAPPING SUPPLIES ~ TOOLS
HAND MADE & WIRE WRAP JEWELRY
NATURAL STONE CABOCHON JEWELRY
CUSTOM ORDER JEWELRY & REPAIR



**S M S MEMBERS GET
25%
DISCOUNT**



**8516 MADISON AVE
FAIR OAKS, CA
(916) 967-4000**

Rumor Has It...

...that SMS student member, Melinda Frederickson is the recipient of the 2006 CFMS Student Scholarship!

CFMS awards several scholarships to individuals who have made contributions toward the purpose and goals of the CFMS. The grants were established to help undergraduate students in their junior and senior years in Earth Science studies. Scholarships are awarded using only the interest from the fund. Thanks to the generous contributions made by member societies and individuals, several scholarships are awarded each year.

Melinda, a geology major at CSUS, will be receiving the \$2000.00 grant at the 2006 CFMS Show in Angels Camp at an award dinner meeting on Saturday, June 10th. I'm sure Melinda would appreciate seeing other SMS members in attendance.

Congratulations Melinda!!

Fossil Presentation at Caleb Greenwood School

Last year Jim and Barbara Foskett presented a program at Caleb Greenwood School. In 2004 several classes from the school walked to the Scottish Rite Center to visit our November show. In 2005 the classes could not visit the show because of the Veterans Day Holiday, so one of the teachers contacted the Fosketts and asked if they would do a program on fossils. The program proved to be very popular with the children so Mr. Paul Meyers, the teacher, invited the Fosketts to visit the

classroom again in 2006.

The presentation is tied into the curriculum of the second grade. The children were so eager to learn about fossils. The opportunity to touch and feel some of the fossils was very elating and exciting for the students. They were very careful when they handled the materials. Each student was given a fossil rock and a booklet about fossils, and the students were encouraged to share the book with a parent. The evening after the presentation, Mr. Meyers sent an e-mail of thanks with pictures

enclosed and said the students would be sending thank you letters. Thank you, Barbara and Jim, for taking the time to share with kids in the Sacramento area. The interest you enliven in their minds today make the Rockhounds of our future! -Ed.



**March Educational Meeting
The Cady Mountains by Mike Hunerlach**

Mike Hunerlach gave a great presentation on March 16th, discussing the field trip he is planning to the Cady Mountains in May. The exact date of the group adventure is still yet to be confirmed, but he stated he would be there around the week of May 16th and would like to organize specific meeting times and places for members to join him for expeditions into the area and camping in Afton Canyon.

The Cady Mountains are located near Barstow. The area offers spectacular views and is a resource for a variety of materials to collect including red and yellow jasper, plume agate, and sagenite. Mike shared a Power Point presentation displaying some beautiful images of specimens he collected, and brought both rough and polished material for members to see.

He concluded with three tips for those planning to attend: *walk farther, look harder, and dig deeper.*

His presentation excited the attendees and it looks like its going to be an outstanding and promising expedition. A sign-up sheet was started that evening and should be available in the clubhouse. For additional information on the plans, contact Mike at 989-4658 or mphunderlach@comcast.net. We hope to have more detailed information in the next issue of *The Matrix*.

SMS Calendar

April

- 8th—Saturday Rock Painting in the Clubhouse, all day
- 12th—Wednesday Mineralogy Identification Class, 1:00-3:00 p.m.
- 13th—Thursday April Business Meeting, 7:00 p.m.
- 15th—Saturday Open House and Barbecue!! 10:00 a.m.-2:30 p.m. All members are asked to bring a potluck dish. Be sure to bring a guest and show off the SMS!!
- 20th—Thursday April Educational Meeting, 7:30 p.m. Jim Christian—Sculptural Stone Carving Silent Auction!!
- 22nd—Saturday Wire Wrapping with Kevin Beguhl, 10:00 a.m.-2:00 p.m.
- 26th—Wednesday Mineralogy Identification Class, 1:00-3:00 p.m.
- 29th—Saturday Rock Painting in the Clubhouse, all day

May

- May 5th -7th Snyder's Powwow
- 10th—Wednesday Mineralogy Identification Class, 1:00-3:00 p.m.
- 11th—Thursday May Business Meeting, 7:00 p.m.
- 13th—Saturday Wire Wrapping with Kevin Beguhl, 10:00 a.m.-2:00 p.m.
- Week of May 15th Field Trip to Cady Mountains with Mike Hunerlach Contact Mike for detailed information.
- 18th—Thursday May Educational Meeting, 7:30 p.m. Dan Brown—CO-OP Organization Silent Auction!!
- 24th—Wednesday Mineralogy Identification Class, 1:00-3:00 p.m.

Shop open every Wednesday and Saturday from 10-2.

Spread the word and bring a friend!

Valley Springs POWWOW

Come Join Us!! The 32nd Annual Snyder's Valley Springs Powwow!

**Gems • Minerals • Jewelry • Crafts • Music • Camping • Antique Steam Engines • Field Trips
BBQ • Radio Controlled Airplanes • Indians & Mountain Men, too!**

One Sunday morning in April, 1975, the Snyders were awakened by a gentleman knocking on the door of their ranch home. The man explained that he was part of a rockhound club that had planned to visit *Valley Springs Moss Agate*, but that trip had been cancelled. "Would it be possible," he asked, "for the members of the club to go "rock hounding" on the Snyder's ranch?"

Previous experience with allowing public access to the ranch had not always been positive. The rockhound took pains to explain how responsible rockhounds are, and pledged to leave the ranch in as good or better condition than they found it.

The big day came and, true to his word, the ranch was left clean. Then more and more rockhounds came to spend the weekend at the ranch. The idea of organizing a "Rock Hound Powwow" event along the lines of Quartzite or the powwows in Oregon and Arizona took hold. The Snyders and their family went about arranging the hundreds of things that needed to be done in order to organize and manage an event the scale of the Powwow.

Over the last 30 years, the ranch has continued inviting rockhounds every May. Expanding to gems, jewelry, silversmithing, fossils and many more of our Earth's treasures has helped the event to grow enormously. Returning vendors have become more than just rockhounds; they are treasured friends the Snyders look forward to seeing. The powwow family has extended to dozens of volunteers who help make every detail go smoothly. Their smiles and dedication make every powwow a wonderful experience!

This year's Snyder's Powwow will be the first weekend in May, the 5th through the 7th. As always, the SMS will have a booth with the spinning wheel at the event. Help is needed for set-up on Thursday and take-down on Sunday, as well as volunteers to man the SMS booth each day of the event.

Snyder's ranch is located at 1290 Paloma Road in Valley Springs, near where Highways 12 & 26 meet. This annual event is one that members of the SMS look forward to every year and is sure to be a great adventure once again!

Snyder's Schedule of Events:

Wednesday, May 3rd

5:30 p.m. – Chili Cookoff

Thursday, May 4

Dealer's Day – buy & sell. Early Times Gas Engines.

11:00 a.m. to 2:00 p.m. – Lunch by "Stitchers for Hope"

6:00 p.m. – Dealers/workers Dinner by TriLakes Moose Lodge

Friday, May 5 – Children's Day

7:00 a.m. – Breakfast by Community United Methodist Church

Field Trip Sign-ups begin (ages 12 & over)

8:30 a.m. – Powwow Opens. Early Day Gas Engines.

6:00 p.m. – Chicken-in-a-Barrel Dinner

by TriLakes Moose Lodge

Saturday, May 6

7:00 a.m. – Breakfast by Community United Methodist Church

8:00 a.m. – Field Trip Signups (Age 12 and over)

10:00 a.m. – Early Day Gas Engines. Radio controlled airplanes.

6:00 p.m. – Beef tri-tip dinner by San Andreas Lions Club

5:45-6:40 p.m. – Entertainment by Sons & Daughters

of Jenny Lind

6:45-7:45 p.m. – Entertainment by "Men of Praise", members from

Grace Fellowship Church & Valley Christian Center

Sunday, May 7

7:00 a.m. – Breakfast by Community United Methodist Church

8:00 a.m. – Church, nondenominational, in the Old Red Barn

10:00 a.m. – Vender sign-ups for next year

5:00 p.m. – Powwow closes

Field Trips*:

Field trips on the ranch are priced at \$10.00. Sign up daily by 8:00 a.m. Trips leave promptly at 9:00. Bring water, snacks, and clothing suitable for hard-rock mining.

Camping: Campsites are "dry". Fees are \$10.00 per night.

Information obtained from the website at: www.valleyspringspowwow.com.

*Additional Information About Field Trips at Snyder's

For those of you who don't know this already, SMS's own Les Clark leads the field trips at the Powwow. A delightful conversation with Les filled me in on a few extra details that members might find helpful.

Most collecting is for Opal and Moss Agate. The trips usually last from 9-1, leaving you plenty of time to explore the powwow. Do come prepared wearing long pants, sturdy shoes and bring a pair of gloves. Handy tools would be a rock pick, chisel, and pry bar – and of course, something to carry your treasures away in. As with all field trips, be sure to bring along proof of personal liability insurance. You may be asked to sign a *Consent and Assumption of Risk Waiver of Liability* as well. Let's all be safe out there!

CO-OPwww.coop.5u.com**Field Trips**

Reminder: Call the field trip leader in advance to verify details – climate and weather, tools, safety concerns, clothing, vehicle requirements, etc. Wear your name badge and sign in with the leader. All participants must sign a *Consent and Assumption of Risk Waiver of Liability* form upon arriving at the meeting site and non-CFMS members must show proof of personal liability insurance. Obey the AFMS Code of Ethics, Land Use Policy, and safety rules. Always use common sense. Additional information may be obtained on the CO-OP web site.

- Sat.-Sun.,
April 8-9
(Rainout
date TBD) **Nevada City, CA** for Petrified Wood, possibly gold panning. Hosted by the *Santa Cruz Mineral & Gem Society* and sponsored by the NBFT. CFMS-affiliated club members only. Meet in the *Ralph's* grocery store parking lot just off Hwy 49/20 in Nevada City. Call for details on meeting time. Schedule: Sat.–caravan to the canyon, east of Nevada City; Sun.–tour of the Empire Gold Mine (small fee may be required). Bring tools for surface collecting—containers, small shovels or rakes. No facilities at or near the collecting site. Bring water and lunch. Lodging available in Nevada City and Grass Valley and camping at Scott's Flat Lake or Malakoff Diggins State Park. Contact: Dean or Karen Welder, (408) 353-2675, email: wdeanwelder@yahoo.com.
- Sat.-Sun.,
April 8-9 **Ludlow, CA** for Zoisite (massive pink and green Thulite), Agate, Jasper, Fluorite and more. Sponsored by CFMS and *Orange Belt Mineralogical Society of San Bernardino*, led by Al Carrell and Emma Couveau. CFMS/AFMS club members and their guests are welcome. Dry camping on black top; no water, picnic tables, or toilets; no fee. Two-wheel drive is okay to camping area. Motel and supplies available in Barstow. Contact: Al Carrell, (951) 961-5988.
- Saturday,
April 15 **Sawmill Peak, CA** for Rhodonite. Sponsored by the *Paradise Gem & Mineral Club*. CFMS-affiliated club members only. Meet at 9:00 a.m. at the Veteran's Memorial Building on the corner of Skyway and Elliot Road in Paradise; we will caravan to the site. Vehicles need high clearance and 4WD is necessary for the last mile. Limited parking. Bring hard rock tools and safety glasses. Steep trail last 100 yards and poison oak in the area; dress appropriately. Camping available at Lake Oroville, motels in Paradise and Chico. Led by Mike Egglestone, (530) 343-0894, email: mikeeggy@aol.com.
- Saturday,
April 22 **Ceres, CA** for Rock Sale of material collected over the past 40-50 years by four different collectors. Some material from areas now closed to collecting. Sponsored by the *Mother Lode Mineral Society*, members guests allowed. Sale goes rain or shine. Hours: 8-4. 5343 Central Avenue, Ceres. Contact: Albert Troglin, email: shanlrokhound@yahoo.com or phone (209) 838-7725. Directions: Hwy 99 south of Ceres to Keys Rd. Right onto Central Ave. Look for CO-OP signs on left side after about one mile. Drive through yard to the pasture behind the barn. If you get lost, call (209) 969-9944 for directions.
- Fri-Mon,
May 26-29 **Virgin Valley, NV** for opals, carnelian, Apache tears, chrysocolla. Sponsored by the *Roseville Rock Rollers*, guests are allowed with proof of liability. Contact: Diane Killen, (916) 687-7471. Meet at Rainbow Ridge Opal Mine where participants will be camping. Directions: From Hwy 80 at Winnemucca, go north on Hwy 95, then west-northwest on Hwy 140. Hwy 140 makes a sharp left at Denio Junction. Turn at the 91-Mile Road Marker past the government campground taking the road to the right for 8 miles. Contact trip leader for more information.
- Sunday,
June 25 **Suisun, CA** for Rock Tailgate Sale & Swap. Rocks, lapidary equipment and finished lapidary items. Sponsored by the *Fairfield Lapidary Society*. Members guests allowed. Contact: Scott Paradis, (707) 447-5271, wizo@pacbell.net. Those with items to sell or swap welcome. Register by June 15th to reserve a spot. There is no charge and donations are welcome. Dealers okay. Cold drinks and snacks will be for sale. Sale is from 10-4. Sale goes on rain or shine. Directions: From State Hwy 12 in Suisun City, turn south on Grizzly Island Road, opposite the McDonald's and Sunset Shopping Center. Rush Ranch is approximately two miles from Hwy 12. A large sign is located along the road to the right, turn down the gravel path and park before the barn. Visitors will cross over one bridge; if you get to a second bridge, turn around.

Diamond Pacific Tool Corporation

P.O. Box 1180

2620 W. Main Street

Barstow, CA 92312

Tel. 760-255-1030 Fax 760-255-1077

Home of the "Genie."

www.diamondpacific.com/**PEARSON'S****U.S. LAPIDARY & JEWELER'S SUPPLY INC.**

For ALL Your Jewelry & Lapidary Needs

5523 Hemlock St. Sacramento CA. 95841

Classes for Lost Wax Casting, Silversmithing,
Wire Wrapping and Mold Making Available.

Hours: Tues. - Fri. 10 A.M. To 6 P.M.

Sat. 10 A.M. To 5 P.M.

(916) 331-2086 FAX 334-2077

www.pearsons-uslj.com

Upcoming Shows & Events

- Apr. 1 **Porterville, CA.** *Porterville Gem & Mineral Society's Play Day* hosting *Diamond Pacific Tool Corp.* 318 N. Kessing St. Hours: 10-4. Rob Milner, (559) 359-6174, rdmilner@verizon.net.
- Apr. 1-2 **San Jose, CA.** *Santa Clara Valley Gem & Mineral Society.* Santa Clara County Fairgrounds, 344 Tully Road. Hours: 10-5 both days. Marc Mullaney, (408) 971-6651, geologistm@aol.com.
- Apr. 7-9 **Sacramento, CA.** *Gem Faire, Inc.* Cal Expo, 1600 Exposition Blvd. Building D. Hours: Fri. 12-7, Sat 10-7, Sun. 10-5. General admission \$5.00 weekend pass. www.gemfaire.com.
- Apr. 8-9 **Paradise, CA.** *Paradise Gem & Mineral Club.* Veteran's Memorial hall Skyway & Elliott Road. Hours: Sat. 10-5, Sun. 10-4. Jim & Shirley Thompson, (530) 872-1846, shirley1846@comcast.net.
- Apr. 15-16 **Mariposa, CA.** *6th Annual "Mountains of Minerals". California State Parks Mining & Mineral Museum, CSM&MM Association, Mariposa Gem & Mineral Club.* Mariposa County Fairgrounds. Hours: Sat. 10-6, Sun. 10-4. Free admission. Contact: California State Mining & Mineral Museum, (209) 742-7625, mineralmuseum@sti.net.
- Apr. 21-23 **Grants Pass, OR.** *Rogue Gem & Geology Club.* Josephine County Fairgrounds. Hours: Fri. 9-4, Sat. 10-5, Sun. 10-4. Free admission Friday, \$1.00 Sat. & Sun. Contact: Sue (541) 956-4101, rockmominor@hotmail.com.
- Apr. 22-23 **Lancaster, CA.** *Antelope Valley Gem & Mineral Club.* Antelope Valley Fairgrounds, 2551 West Avenue. Hours: 9-5 both days. Pamela Birge, (661) 264-3502, birgep@att.net. Show website: www.geocities.com/av_gem.
- Apr. 29-30 **Santa Cruz, CA.** *Santa Cruz Mineral & Gem Society's "Treasures of the Earth".* Center and Church Streets. Hours: 10-5 both days. Sallee Brumbaugh, (831) 336-5662.
- May 5-7 **Valley Springs, CA.** *Snyder's PowWow.* A large outdoor rock and mineral show. 1290 Paloma Road, near where Highways 12 & 26 meet. Visit the website at: www.valleyspringspowwow.com and see the article on page ____ of this issue of *The Matrix*.
- May 6-7 **Bakersfield, CA.** *Kern County Mineral Society's "Art in Stone".* Kern County Fairgrounds, 1142 South P Street. Hours: 10-5 both days. Buster Ordiway, (661) 563-8310, CaOrdPTA@aol.com.
- May 6-7 **Anaheim, CA.** *Searchers Gem & Mineral Society.* Brookhurst Community Center, 2271 W. Crescent Ave. Beth Pelfrey, (714) 774-2754, beth714sc-rocks@yahoo.com.
- May 6-7 **Bishop, CA.** *Lone Pine Gem & Mineral Society Eastern Sierra Gem & Mineral Show.* Hours: Sat 9-5, Sun. 10-4. Francis Pedneau, (760) 876-4319 or Jeff Lines, (760) 872-6597. Email: franceem@qnet.com.
- May 13-14 **Reno, NV.** *Reno Gem & Mineral Society's "Jackpot of Gems".* Reno Livestock Events Center Exhibit Hall, 1350 N. Wells Ave. Hours: Sat. 10-5, Sun. 10-4. John Peterson.
- May 19-21 **Anderson, CA.** *Superior California Gem & Mineral Association.* Shasta County Fairgrounds. Hours: Fri. & Sat. 9-5, Sun. 10-4. Steve Puderbauch, (530) 365-4000.
- May 20-21 **Yucaipa, CA.** *Yucaipa Valley Gem & Mineral Society.* Yucaipa Community Center, 34900 Oak Glen Road. Hours: Sat. 9-5, Sun. 10-4. William Jochimsen, (909) 790-1475, email: bjm2285@aol.com.
- May 20-21 **Newbury Park, CA.** *Conejo Gem & Mineral Club.* Borchard Park Community Center, 190 Reino Rd. Hours: Sat. 9-5, Sun. 10-4:30. Sal Scarpato, (818) 707-9972. salscarpato@sbcglobal.net.
- May 27-29 **Weaverville, CA.** *Trinity Gem & Mineral Society's "Bigfoot GemBoree".* Hours: Sat. & Sun. 10-5, Mon. 10-4. Jack Jennewein, (530) 778-3786.
- June 2-4 **West Hills, CA.** *Rockatomics Gem & Mineral Society's Tailgate Show.* Boeing Recreation Center Park, 8500 Fallbrook Ave. Hours: 10-5. Free admission. Jim or Louise Gerik, (818) 347-1234.
- June 3-4 **Glendora, CA.** *Glendora Gem & Mineral Show.* 859 E. Sierra Madre. Hours: Sat. 10-5, Sun. 10-4. Bonnie Bidwell, YBidwell2@aol.com (626) 963-4638.
- June 3-4 **La Habra, CA.** *North Orange County Gem & Mineral Society "Jubilee of Gems" Show.* La Habra Community Center, 101 W. La Habra Blvd. Hours: 10-5 both days. Don Warthen, (626) 330-8974, warthen@earthlink.net.
- June 22-25 **Prineville, OR.** *Prineville Rockhound Pow Wow Association.* Cook County Fairgrounds. Hours: Th-Sat. 9-6, Sun. 9-4. Dealers, field trips, displays, auction, obsidian, jade, petrified wood, jasper, plume agate, limb casts, moss agate, thunder eggs, crystals, precious gems, faceting rough. Rebecca Buss, (541) 546-9473.

JUMP FOR THE GOLD!
 CALAVERAS GEM AND MINERAL SOCIETY PRESENTS

67TH ANNUAL CALIFORNIA FEDERATION
GEM AND MINERAL SHOW

AT THE CALAVERAS COUNTY FAIRGROUNDS
 IN ANGELS CAMP

JUNE 9-11, 2006
 FRIDAY, SATURDAY AND SUNDAY
 10 a.m. to 5 p.m. daily

JEWELRY	EXHIBITS	FIELD TRIPS
MINERALS	DEMONSTRATORS	SNACK BAR
BEADS	SILENT AUCTION	KID'S BOOTH
FOSSILS		

ADMISSION \$5.00
 KIDS UNDER 12 FREE (WITH AN ADULT)
 FREE PARKING

(Diamonds, continued from page 3)

But one had to be cautious in dealing with the diamond; it meant bad luck to look directly at the stone, for it could blind a person as if he were looking directly into the sun or in the face of God for too long.

Jewish high priests used diamonds to decide the innocence or guilt of the accused. A stone held before a guilty person dulled and darkened; a stone held before an innocent person glowed with increased brilliance.

In old days, kings on the battle fields wore heavy leather breast plates studded with diamonds and other precious stones. Because it was believed that diamonds were gifts from the heavens, the believe was that the gems possessed magical qualities of the gods and had powers far beyond the understanding of common man. Warriors stayed clear of the kings who were fortunate enough to have the magical gems in their breast plates. In ancient Greece and Summaria, diamonds were the status symbols of Kings and the very wealthy.

Cupid's arrow was said to be tipped in diamonds having an obvious magic effect known world-wide. Diamonds are the ultimate symbol of romance. More than 500 years ago, in 1477, Maximilliam of Austria gave a diamond ring to Mary of Burgundy to seal their marriage vows. Maximillian paid heed to what the ancients said, namely that the third finger of the left hand connected directly to the heart by the Vein of Love; thus began a new tradition.

Being comprised of carbon, the foundation of all life, the diamond assists the wearer in the transformational process towards perfection. It is an ancient symbol of the perfected man whose divine spirit shines forth: *"Rough diamond is dull and lifeless when first removed from the Earth, but in the hands of the skillful lapidary, the diamond is transformed into a sparkling gem from whose facets pour streams of rainbow-colored fire; similarly, the spirit of man is ground and polished upon the lathe of the Divine Lapidary until it reflects the glory of its creator from every atom."*

Diamond symbolizes the central "sun" of the solar system, a force maintaining itself as the perfect state, never requiring recharging. It is the "stone to enhance invulnerability" and the "stone of innocence". It brings forth purity, constancy and the loving open nature with which one came into the physical realm. It instills trust in relationships, confidence, and fidelity to interpersonal associations. It inspires creativity, imagination, ingenuity, inventiveness and brilliance.

It is said to assist removing "fog" from one's mind and to help manifest abundance in all areas of ones life. When set in gold and worn on the left side, it can drive away nightmares and soothe savage beasts. And an old tradition says that a home or garden touched in each corner with a diamond would be protected from blight, lightening and storms.

The diamond is a crystalline form of carbon which is formed under intense heat and pressure by eruption in volcanic pipes at least 90 miles below the surface of the Earth. It is then carried to the surface of the Earth with rising Kimberlite. The youngest Kimberlite in which diamonds have been brought up to the

Earth's surface is about 70 million years old. Its hardness and high dispersion of light make it particularly well suited to being a gemstone.

While clear white varieties are most popular, rare colored varieties do exist. Jewelry diamonds are graded and priced based on a system that includes the Carat, Clarity, Color and Cut. They are mined primarily in Africa, but active mines exist in Canada, Siberia, Brazil and Australia.

The diamond industry is a tightly controlled, complicated and mysterious one which in some ways has added to their allure. In 2002, the "Kimberly Process" was developed in order to better track the sources of diamonds sold to consumers and reduce the number of "conflict" diamonds sold by revolutionary and rebel groups in areas of war and conflict. The Kimberly Process provides certification of diamond exports from source countries to ensure that the proceeds of sale are not being used to support criminal or revolutionary activities. Diamonds have sold for as much as \$926,315.00 a carat. Only 25% of the diamonds found world-wide possesses a sufficient quality to be used for jewelry; the majority of the world's production is applied as industrial diamonds and used as an abrasive and cutting material, for drilling heads used for oil production and as pickups for the record industry.

Diamonds have an affinity for grease and collect oils in dishwasher. They are generally quite durable, however are subject to chipping and fracture when handled roughly and should be stored separately as they can scratch other jewelry as well as each other.

As for their hardness, we all know that diamonds are a 10 on the Mohs hardness scale, but consider this quote from Pliny the Elder (A.D. 23 to 79) recorded long ago: *"The best way to test Adamas is upon the anvil; strike even upon the point of the Adamas with a hammer as hard as you can. It defies all blows and instead of the stone yielding, the hammer flies into pieces and even the anvill splits in half."* No one knows if Pliny was talking practice or theory, but 1,900-plus years later one thing is sure: don't even think about trying this experiment today!

April Shop Steward Schedule

Saturday		Wednesday	
April 1	Sam L.	April 5	Stan H.
April 8	Jim C.	April 12	Ron S.
April 15	OPEN HOUSE	April 19	Carl Z.
April 22	Craig M.	April 26	Carl Z.
April 29	Stuart D.		

Reminders:

Glasses are always required while working in the shop.

Be sure to sign in before using shop equipment.

Report any problems to the Shop Steward of the day.

Rock cutting to be performed by Shop Stewards only.



Sacramento Mineral Society
P.O. Box 160544
Sacramento, CA 95816

The Matrix

April 2006



Delicious BBQ!!
\$2.00 Donation



Sacramento Mineral Society's **OPEN HOUSE & BARBECUE**

Guests Welcome - Free Rocks for the Kids!
Saturday, April 15th, 10:00 a.m. to 2:30 p.m.
4205 Lemay Street (intersecting Mather Blvd.)
Mather Field, Rancho Cordova, CA

Lapidary Shop Demonstrations, Club House with Library, Large Rock Pile
Sale of all types of jewelry, wire wrapping, rough rock, lapidary equipment and more!

We welcome all SMS and CFMS members to set up tables to swap, sell, show and trade with other friendly
Rockhounds. If you plan to sell, please RSVP as space is limited.

Contact President, Sheldon Shuper or Stan Henneman to reserve your spot.

All SMS members are asked to bring a potluck dish.
Volunteers are needed to setup on Friday, work the open house and take down on Saturday.