



Shasta Gem and Mineral Society, Inc.  
P.O. Box 990424  
Redding, CA 96099-0424  
Email:shastagemandmineral@gmail.com

## The RocToc

**Happy New Year rockhounds !**

**In reflection, for me 2017 was a year of growth and promises of more comradery and good fellowship to come. This is a great time to be involved in your community-based non-profit organizations and work together on a brighter future for ourselves and others !**

**Thank you for your support to all who are active participants around the club. We couldn't "do it" without you.**

**See you at the shop!**

**Your Prez...Alan Leedy**

**It's time to renew your Shasta Gem and Mineral Society  
annual membership.**

**The Roc Toc will only be mailed to paid up members after this issue.**

**A membership application form for new and renewing members  
is available on page 2. Fill out the form and mail it to:**

**Billie Evans, Membership Chair,  
1072 Spring Ridge Rd.  
Redding, CA 96003**

(Membership Year: November 1 thru October 31 Each Year - Renewals Due: November 1)

**Renew Early: Accepting Applications & Payment October 1**

Name: (If needed List names on reverse)		
Parent or Guardian (Junior Applicant)		
Address:	City:	Zip:
Phone:	Cell Phone:	
email address:		
Please Order Name Tag: Circle One		Remarks:
Pin: \$4.00	Magnetic: \$6.00	

How did you hear about our Club

A Friend   
  Gem Show   
  Radio   
  Club Member  
 Other \_\_\_\_\_

What are your main Interests:

Lapidary   
  Bead Making   
  Silversmith   
  Selling/Swapping  
 Field Trips   
  Wire Wrap   
  Faceting   
  Jewelry Making  
 Collecting   
  Other \_\_\_\_\_

**Our Purpose:** Shasta Gem and Mineral Society, Inc. is a member of the California Federation of Mineralogical Societies. SGMS is a non-profit organization dedicated to increasing the knowledge of gems, minerals, fossils, and the lapidary arts through programs, reading, classes, and field trips to promote the friendship of fellow rock hounds.  
**Dues:** Dues are \$15.00 per year for adults and include a monthly newsletter. Dues for junior members (17 and under) are \$8.00 per year. Our club year is November 1 thru October 31 every year. Dues must be paid by November 1st each year. Yearly dues are not pro-rated. Send this application to Billie Evans 1072 Spring Ridge Drive Redding CA 96003

**Volunteer:** We highly encourage all members to take an active role in club activities, including volunteering for various duties at the gem shows, and we sincerely hope that you will do so – it’s a lot of fun and very rewarding.  
**meetings:** we have a monthly meeting on the second Friday of every month at the Anderson Grange hall, on Fig Tree Lane (South of the Redding Airport, across from Kent’s Grocery Store). The Juniors meet at 6:00 P.M., the potluck dinner is at 6:30 P.M., and the General Membership Meeting is at 7:30 P.M. with a raffle after the meeting.

2017 Officers: President: Alan Leedy 840-6550 Vice President: Marianne Sweetwood 549-4809

**Workshop:** The Club Workshop is located at 6471 Airport Road, Anderson, CA. You can learn all aspects of making a gemstone, wire wrapping, glass bead making, jewelry making, tumbling stones, silver smithing, etc. An adult must accompany all junior members when using the workshop, and a special liability waiver is required of all who use this workshop. For Workshop Information please call:

Steve Puderbaugh 604-2951

Open Workshop Hours: Tue 5:30pm-8:30pm Sat 10am-2:00pm - Ticket Prices: \$5 Adults; \$2 Children

For Office Use Only			
Type Membership			Remarks
Membership	No.	Amount	Total
Adult Memberships:		\$ 15.00	
Junior Memberships:		\$ 8.00	
Subscription (Included w/Membership:		\$ 5.00	
<b>Name Tag:</b>		<b>\$4/\$6</b>	
<b>Total:</b>			
			<b>Date</b>
			<b>Check#</b>
			<b>Cash</b>
			<b>Intl</b>

**CLUB CALENDAR**

**January-2018**

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	New Year's Day 1	<b>Open Workshop</b> 5:30-8:30 pm 2				<b>Open Workshop</b> 10am-2pm Jim & Cindy 6
7		<b>Open Workshop</b> 5:30-8:30 pm John & Jennifer 8			<b>Club Meeting</b> Anderson Grange PotLuck 6:30 pm Meeting 7:00 pm 12	<b>Open Workshop</b> 10am-2pm Crystal McVay Junior class 13
14		<b>Open Workshop</b> 5:30-8:30 pm Steve Lay 15				<b>Open Workshop</b> 10am-2pm Michelle Stein 20
21		<b>BOD Meeting 6 PM</b> Open Workshop 5:30-8:30 pm Paul, Mark 22				<b>Open Workshop</b> 10am-2pm Michelle Stein, Paul H. 27
28		<b>Open Workshop</b> 5:30-8:30 pm 29				
<p><b>Workshop Notes:</b> Open Workshop Days - Ticket Purchase Required -Kids Free Day: 1st Saturday after Club General Meeting <b>Club Notes:</b> - Club General Meeting: 2nd Friday of each Month. <b>Field Trip: TBA</b></p>						

**February-2018**

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		<b>Open Workshop</b> 5:30 - 8:30 pm John & Jennifer 2				<b>Open Workshop</b> 10am-2pm Jim & Cindy 3
4		<b>Open Workshop</b> 5:30-8:30 pm Steve Lay 5			<b>Club Meeting</b> Anderson Grange PotLuck 6:30 pm Meeting 7:00 pm 9	<b>Open Workshop</b> 10am-2pm Crystal McVay 10
11		<b>Open Workshop</b> 5:30-8:30 pm Paul Haynes 12				<b>Open Workshop</b> 10am-2pm Michelle Stein Field trip TBA 17
18		<b>BOD Meeting 6 PM</b> Open Workshop 5:30-8:30 pm Christian 20				<b>Open Workshop</b> 10am-2pm JanG Michelle Stein 24
25		<b>Open Workshop</b> 5:30-8:30 pm Mark, Vicky 26				
<p><b>Workshop Notes:</b> Open Workshop Days - Ticket Purchase Required -Kids Free Day: 1st Saturday after Club General Meeting <b>Club Notes:</b> - Club General Meeting: 2nd Friday of each Month. <b>Field Trip: TBA</b></p>						

# **Beginning**

## **Lampwork Bead Making**

### **Class**

**Saturday, February 10 From 9:00am to 4:00pm**

**Fee \$60.00 includes a booklet and glass.**

**You must bring your own lunch.**

**Lunch break will be 1/2 hour.**

**Contact Michelle Stein at 410-5068 to sign up.**

**Limited to 5 people**

**Must be 18 or older**

**There is a Go-Fund Me site on Facebook to support replacement of the SGMS workshop, Gilman Lapidary School, roof.**

### **Club meeting minutes, December 8, 2017**

The annual club Christmas/Holiday dinner saw a full meeting room, excellent food, and excellent company for sharing and visiting.

Rochelle and her elves assisted Santa to distribute gifts to each child present. Adults each selected a gift from the raffle table.

### **SGMS Board of Directors meeting, December 19, 2017**

Log of 2018 SGMS officers will be sent to CFMS by the CFMS Director.

BOD is discussing the necessity of creating an SGMS PayPal account.

Meeting adjourned at 7:35 PM.

## **Garnet**

**Garnet, the birthstone of January, is mined in a rainbow of colors. From the fiery orange of Mandarin Garnet to the rich green of Tsavorite Garnet and to the most widely recognized color of Pyrope Garnet,**

**it is considered a great gift to symbolize friendship and trust.**



Pylos (Greece) Combat Agate



The tiny sealstone depicting warriors in battle measures just 36mm, 1.4 inches, across but contains incredible detail. Credit: University of Cincinnati. Of interest for the agate material, the cleaning process, and its place in art/civilization history



original condition of the agate sealstone



cleaned and restored

**Team discovers a rare Minoan sealstone in the treasure-laden tomb of a Bronze Age Greek warrior**

In 2015, University of Cincinnati researchers unearthed the 3,500-year-old tomb of a Bronze Age warrior in southwest Greece. An incredible trove of riches has emerged, including four gold signet rings that have challenged accepted wisdom among archaeologists about the origins of Greek civilization.

It was uncovered in an olive grove near the ancient city of Pylos. The 3,500-year-old shaft grave also revealed more than 3,000 objects arrayed on and around the warrior's body, including four solid gold rings, silver cups, precious stone beads, fine-toothed ivory combs and an intricately built sword, among other weapons.

But that wasn't the only secret hidden there beneath the hard-baked clay. It would take another year before the so-called "Griffin Warrior" revealed an intricately carved gem, or sealstone, that UC researchers Davis and Stocker say is one of the finest works of prehistoric Greek art ever discovered.

It took conservation experts more than a year to clean the limestone-encrusted seal. As the intricate details of the seal's design emerged, the researchers were shocked to discover they had unearthed no less than a masterpiece. Davis and Stocker say the Pylos Combat Agate's craftsmanship and exquisite detail make it the finest discovered work of glyptic art produced in the Aegean Bronze Age.

Even more extraordinary, the husband-and-wife team point out, is that the meticulously carved combat scene was painstakingly etched and polished on a piece of agate measuring just 3.6 centimeters, or just over 1.4 inches, long. Indeed, many of the seal's details, such as the intricate weaponry ornamentation and jewelry decoration, become clear only when viewed with a powerful camera lens and photomicroscopy.

The miniature masterpiece portrays a victorious warrior who, having already vanquished one unfortunate opponent sprawled at his feet, now turns his attention to another much more formidable foe, plunging his sword into the shielded man's exposed neck in what is sure to be a final and fatal blow.

Scholarly consensus has long theorized that mainland Mycenaeans simply imported or robbed such riches from the affluent Minoan civilization on the large island of Crete, southeast of Pylos. Although the Minoans were culturally dominant to the Greek mainlanders, the civilization fell to the Mycenaeans around 1500-1400 B.C.—roughly the same time period in which the Griffin Warrior died.

Read more at

<http://www.geologyin.com/2017/11/pylos-combat-agate-rare-minoan.html#Y644fXvIeS5VU1oa.99>

or, [Hesperia magazine](#). **Hesperia** is a peer-reviewed journal published quarterly by the American School of Classical Studies at Athens.

January, 2018

Rock and Gem Shows

**13-14—YACHATS, OREGON:** Annual show; Yachats Chamber of Commerce, Yachats Commons; 441 Hwy 101; Sat. 10-4, Sun. 10-4; Free Admission; The 7th Ever Yachats Agate Festival, over the MLK Holiday weekend. Gems, Minerals, Fossils and more. Rock identification, cabbing and wire wrapping demonstrations , featured speakers. See our website for more details.; contact Donna Hirschman, PO Box 550, Yachats, OR 97498, (541)-270-3777; e-mail: iamhrisch@yahoo.com; Web site: www.yachatsagatefestival.com

**20-21—EXETER, CALIFORNIA:** Annual show; Tule Gem & Mineral Society, Exeter, CA Veteran's Memorial Bldg.; 324 N. Kaweah Ave.; Sat. 10-5, Sun. 10-4; Free Admission; Demonstrations, Free Door Prizes, Free Parking, Gems, Grab Bags, Great Food, Jewelry, Lapidary Supplies, Minerals, Outstanding Displays, Raffle, Rocks, Silent Auction, Ten Dealers, Wheel of Fortune; contact Margaret Buchmann, 5215 W. Nicholas Ave., Visalia, CA 93291, (559)-799-6034; e-mail: margaretbu03@gmail.com; Web site: tulegem.com

### 17-21 Quartzsite, Arizona

QIA PowWow Gem & Mineral Show January 17-21, 2018 Daily 9-5

### FEBRUARY 2018

**February 16 - 25: INDIO, CA** San Geronio Mineral & Gem Society Riverside County Fair & National Date Festival 82-503 Highway 111 Hours: 10 - 10 daily Contact: Bert Grisham, (915) 849-1674 Email: [bert67@verizon.net](mailto:bert67@verizon.net)

**February 17 - 18: ANTIOCH, CA** Antioch Lapidary Club Contra Costa County Fairgrounds 1201 West 10th Street Hours: 10 - 5 daily Contact: Brenda Miguel, (925) 301-6957 Email: [brenda.miguel@yahoo.com](mailto:brenda.miguel@yahoo.com) Website: [www.antiochlapidaryclub.com](http://www.antiochlapidaryclub.com)

**24-25—VALLEJO, CALIFORNIA:** Annual show; Vallejo Gem & Mineral Society, Solano County Fairgrounds, Mc Cormack Hall; 900 Fairgrounds Drive, Mc Cormack Hall; Sat. 10-5, Sun. 10-5; Adults \$5, Children under 12 free; Vallejo Gem & Mineral Society Proudly Presents it's annual show "Spring Bling". Artisan gem & mineral dealers from California, Oregon and Utah who sell jewelry, minerals, gems, fossils, crystals, jade, meteorites, turquoise, beads and rough rock and slabs. Demonstrations, free hourly drawings, silent auction, grab bags and wheel of fortune.; contact Dan Wolke, Benicia, CA 94510, (707)-334-2950; e-mail: dncwolke@sbcglobal.net; Web site: vjgems.org

**23-25—PORTLAND, OREGON:** Annual show; Oregon Agate and Mineral Society, Oregon Museum of Science and Industry; 1945 SE Water Avenue; Fri. 9:30-5:30, Sat. 9:30-5:30, Sun. 9:30-5:30; Free Admission; Oregon Agate & Mineral Society's Annual Rock Show is a free event with Demonstrations, Exhibits -showcasing lapidary and creativity skills, Jewelry, Kid's Corner, Rock, Mineral, and Slab Sales, "Rock" Food Table, Touch Table, and much more! ; contact Sonia Watt, 4821 Grant St, Portland, OR 97215; e-mail: sonywatt@yahoo.com

### February, 2018

**Jan 27- Feb 10—TUCSON, ARIZONA:** Annual Gem, Mineral and Fossil show;, Hotel Tucson City Center; 475 N. Granada; Daily 10-6, Sat. 10-5; Free Admission; Dealers from around the world sell minerals, fossils, meteorites, rough and cut gems, lapidary supplies, home decor and so much more. From a single shark's tooth to an entire dinosaur, from micro-minerals to 10-ft high geodes, cutting rough to custom cut gems, the Arizona Mineral & Fossil Show has it all!, Fossil Hall, and the large dinosaur sculptures playing in the courtyard.; contact Regina Aumente, PO Box 665, Bernalillo, NM 87004, (505)-867-0425; e-mail: mzexpos@gmail.com; Web site: <http://www.mzexpos.com>

### SGMS Field Trips

The schedule is tentative and subject to change. For further details about field trips please check with the Shasta Gem and Mineral Society Facebook page, or contact Hugh Watson at 530-605-5454; email him at, [Hughbwat@gmail.com](mailto:Hughbwat@gmail.com) .

Members should "like" our Facebook page and spread the word about the page. Also check the Rock and Gems magazine show listings online and in the magazine.

### Shasta Gem and Mineral Society 2018 Field Trip Schedule\*

January: To Be Announced -

\*Tentative; subject to change. Check with Hugh Watson 605-5454.



Officers and Committees

Shasta Gem and Mineral Society, Inc.

Roc Toc 2017/2018

Blog Site: [www.shastagemandmineral.com](http://www.shastagemandmineral.com)

email: [shastagemandmineral@gmail.com](mailto:shastagemandmineral@gmail.com)

<b>Elected Officers</b>					
<b>President</b>	Alan Leedy	840-6550	<b>Board of Directors</b>		
<b>Vice President</b>	Marianne Sweetwood	549-4809	Jim Foster		347-1819
<b>Secretary</b>	Michelle Stein	410-5068	Ann Morningstar		351-1760
<b>Treasurer</b>	Mary Colbert	549-3254	Jim Williamson		527-8550
<b>Appointed Committees</b>					
<b>Programs</b>	Steve Puderbaugh	604-2951	<b>Scholarship</b>	Kelly O'Leary	722-7133
<b>Field Trips</b>	Hugh Watson	605-5454	<b>Hospitality</b>	Lee Meier	410-1379
	Jim Foster	347-1819	<b>Roc Toc Editor</b>	Glen Miller	247-6951
<b>Publicity</b>	Kelly O'Leary	722-7133	<b>Librarian</b>	Cindy Williams	527-8550
<b>Show Chair</b>	Steve Puderbaugh	604-2915	<b>Historian</b>	Cindy Williams	527-8550
<b>Dealer Chair</b>	Alan Leedy	840-6550	<b>CFMS Director</b>	Glen Miller	247-6951
<b>Properties and Inventory</b>			<b>Kitchen</b>	All members	
Alan Leedy, Steve Puderbaugh, Michelle Stein			<b>Workshop Coordinator</b>		
<b>Education /School Event Coordinators</b>			Steve Puderbaugh 604-2951		
Kelly O'Leary 722-7133			<b>Workshop Equipment Manager</b>		
Ruby Runion 604-1986			Paul Haynes 682-3324		
<b>Community Event Coordinator</b>			<b>Workshop Maintenance</b>		
Lee Meier 410-1379			Jim Williamson 527-8550		
<b>Sunshine</b>	Carol Reginatto	710-3712	Cindy Williamson 527-8550		
<b>Raffle</b>			<b>Workshop Cleanup Foreman Quarterly</b>		
<b>Membership</b>	Billie Evans	921-0981	Hugh Watson 605-5454		
<b>mail membership forms or renewal to:</b>			<b>Workshop Steering Committee</b>		
Billie Evans SGMS Membership			All Attendants, Teachers and Attendees		
1069 Spring Ridge Rd.			<b>Junior Leader</b> Crystal McVay 238-0663		
Redding, CA 96000					



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**SHASTA GEM AND MINERAL  
SOCIETY, INC.**

P.O. Box 990424  
Redding, CA 96099-0424

**GILMAN LAPIDARY SCHOOL**

6471 Airport Road  
Anderson, CA 96007  
(No Mail Delivery)

**Hours:**

Tue: 5:30pm – 8:30pm  
Sat: 10:00am – 2:00pm

**MONTHLY MEETING**

Second Friday each month  
**ANDERSON GRANGE HALL**

8085 Airport Road  
Redding, CA 96002

Potluck Set up 6:00pm

Potluck 6:30pm

Meeting: 7pm Raffle: 8pm

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We're on the Web! Our blog is:  
[www.shastagemandmineral.com](http://www.shastagemandmineral.com)  
Like us on FACEBOOK: Shasta  
Gem and Mineral Society

The RocToc September 2017 Page 10 of 10

**About Our Organization**

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