



PALOMAR GEM AND MINERAL CLUB NEWSLETTER

VOLUME 57 ISSUE 4

APRIL 2016

Bob and Lois' visit to Africa

This month's meeting was a wonderful talk on Bob Johnson's visit to Africa. He shared his wonderful experience and the amazing animals of his trip to Botswana.

It was a very informative and inspiring presentation that makes anyone who saw his pictures of giraffes, elephants, cheetah, and lions want to go and visit.

Thank you Bob for a wonderful discussion!



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PGMC POSITIONS

Board Officers

John Raabe - President

Chris Toft - Vice President

Fred Floyd- Secretary

Toni Floyd - Treasurer

Michele Shepard - Program Chair

Dawn Vickers - Bulletin Editor

Chairpersons

Charles Shupe - California Federation

Chris Toft – Parliamentarian

Barbara Bury - Décor Coordinator, Club Historian and Redwood Rep

Judy Jessup - Hospitality and Good Cheer

Jef Wright/Dawn Vickers – Membership

Joseph Vaughn – Website

Dawn Vickers - Promotion, Media and Publicity

Gayle Hamilton – Show Coordinator

Blakely Sanford – PGMC Yahoo Group

Shop Co-coordinators

Dan McNamara

Alan Mazzola

Shop Supervisors:

Alan Mazzola

Michele Shepard

Toni Floyd

Diane Hall

John Raabe and Bob Johnson – (Back-Up Supervisors)

Silversmithing Classes:

Diane Hall

Annie Heffner

Laurie Jane Kern

Lapidary and Gem Faceting:

Bob Johnson

MAY'S MEETING

May 18, 2016 7:00 pm

Dittus Hall, Redwood Terrace, 710 West 13th Avenue, Escondido

INLAY - Jeff Fulkerson

“The creative process is what I enjoy most. I love to be able to take an idea, make it take shape and see it come to life”. -Jeff Fulkerson



Back in October, Craig introduced us to Jeff as the “Artist of the Month” and described a bit about his background and his designs. Jeff is a native San Diegan and, while self-taught, has studied silver smithing with many of the great native American artists in the field. This has heavily influenced his work and continues to be reflected in his very modern designs, which he will tell us all about in our May meeting.

Jeff is also very prolific, authoring articles in Lapidary Journal’s Jewelry Artist Magazine and others, authoring books on metal smithing, as well as producing several highly recommended instructional videos on inlay and setting stones on stone (his most recent).



Come meet Jeff May 18 and hear about his unique jewelry designs!

Silent Auction in June!

Time to clean out your closets Rockhounds! Our meeting on June 15, 2016 will be a Silent Auction. The club has received donations of jewelry making components and slabs that we will be including in the auction as well. Bring your leftover slabs, jewelry and/or rock hounding treasures to sell. You can choose to either donate all proceeds to the club or only 20%. Bring your leftover treasures and your money! See you in June! I’ll attach an auction sheet to this newsletter you can fill out and bring with each item.

GEM SHOW

Our 60th annual Gem and Mineral Show was held on Saturday April 23 & Sunday, April 24. at the Escondido Center for the Arts, 340 N. Escondido Blvd., Escondido, CA.

What a great Gem & Mineral Show we had! I'd like to thank everyone who helped out over the weekend. Your support was amazing and allowed the show to run smoothly. So many of you went out of your way and spend the majority of your weekend volunteering and I would like to thank you all for your continued support for the show and the club.

Book your calendars for next year! The show will be June 3 – 4, 2017 next year!

Gayle Hamilton



UPCOMING CLASSES

2120 W. Mission, Suite S., Escondido

CABOCHON/LAPIDARY CLASS & OPEN WORKSHOPS

***Wednesday 11:00 am – 2:00 pm & Thursday 2:00-5:00pm
(closed Thursday May 5th)***

Learn to cut and polish a rock into a beautiful stone suitable for wire wrapping or fabricating in metal. A fantastic assortment of material is available for purchase on site. The workshop is also open for general use. No prior registration needed.

Cost: A \$7 shop fee will be collected. Club membership required.

Thursday 6:00 pm – 9:00 pm open for METAL SMITHING only, to those students who have had metal smithing instruction or experience and/or have instructor approval.

Attendees must be able to work independently as this is not a class. An experienced metalsmith will be available for consultation. NEW – Exception for students who have made arrangements with instructor for Beginning Silversmith lessons. See below for class information.

Cost: A \$7 shop fee will be collected. Club membership required.

Friday 6:00pm – 9pm – Chasing and repousse workshop.

Open to students who have taken beginning chasing and repousse. Must arrange attendance with Laurie Jane Kern via the Facebook group, Palomar Gem and Mineral Club Members page.

Cost: A \$7 shop fee will be collected. Club membership required. Must have pre-approval from Laurie.

Faceting – Continuation Class

This is a class for continuing students who have completed the Introductory Class and is held once per month, from 9 to 5 on the Saturday following the general meeting, (which is always on the third Wed.)

Instructor: Bob Johnson

Cost: \$35.

May class will be the 21st.

Contact Bob Johnson for approval and to reserve a spot - 760-809-0152 or email Bob N78532@yahoo.com.

Introduction to Faceting



An informative introduction and hands-on experience in the world of gem cutting. Learn how to create a gem out of a piece of rough, during a weekend class. No machine required. Return students welcome with or without their own machine. Each class can accommodate 3 new students without machines and 3 returning students with their own machines.

Instructor: Bob Johnson

Location: Club Shop

Dates & times: Sat. May 14th and Sun. May 15th, 2016 – 9am -5pm

Cost: \$80 New. Club membership required. \$70 return

Contact Bob Johnson for more info or to register - 760-809-0152 or email Bob at N78532@yahoo.com

Next class June 11 & 12

Beginning Silversmith Class

This is a two day introduction silversmith class. The students will learn to develop their designs, use a jeweler's saw to cut out a pattern, solder a bezel to a backing and add a bale, creating a wearable piece of jewelry. Intermediate students can work on a project of their choosing with instructor approval.

Instructors: Diane Hall & Annie Heffner

Dates: July 9th and 10th 2016

Time: 10am-4 pm

Cost: \$60 (club membership required - \$25 fee for single membership)

Materials additional - please bring a cabochon to set in silver or let us know if you need one.

*****Call Diane Hall at (760) 741-0433 (leave message for call back) or email dianehall213@gmail.com for more info or to register. ** Registration deadline is July 1, 2016.***

Chasing & Repoussé Tool Making Workshop

Description: Chasing and Repoussé is an ancient technique used to decorate metal with the most lavish and intricate designs. In this 2 day hands on workshop, Laurie and Diane will teach you how to make your own tools which are needed for the C&R process.



The workshop will cover: When to make a tool; What metals can you use to make a tool;

When to anneal and how to anneal, shape, harden and temper the tool(s); What tools and equipment to use to shape the tool; how to finish the tool. All students will make at least one tool and will start making the same tool. Then the student can make a second tool of their own choosing - either bring a tool shape idea with you or select a shape from Laurie's vintage set. IF there is time the student might be able to make a third tool.

Instructors: Laurie Kern and Diane Hall

Dates: Saturday July 30, 2016 & Sunday, July 31, 2016

Time: 9:30 am to 5:00 pm (total hours: 15) with 1 hour for lunch each day.

Workshop Size: 3 people minimum - maximum of 8.

Skill: None

Cost: \$100.00 NOTE: If you are NOT a member of the club you will be required to join (\$25) for insurance purposes. A \$25 non-refundable deposit is required to book your place. The balance will be due on the first day.

Material Kit: ~80.00: (\$10.00 for Tool Steel and \$70.00 for 3 files and handles.) Please indicate what part of the kit you need, the tool steel and/or files.

A material kit is required: Tool steel - TWO of 2 sizes and THREE of another (7 pieces total) and 3 files for shaping. Additional tool stock will also be available for purchase. The student will have to bring the additional materials listed below.

Tool List: (provided by student)

- *Required:*
- *Files: 8" - 10" length, Flat Bastard File, Second Cut File, Smooth Cut File. DO NOT BRING YOUR SILVER FILES NOR NEEDLE FILES.*
- *Sand Paper (Wet/Dry)/Sticks : 80, 100/120, 220, 320, 400 and 600 (would be nice but not required). If you have higher you can bring it too.*
- *Vice Grip Pliers Medium size.*
- *A small bar of hand soap :travel size is good.*
- *Filter Mask A MUST FOR THIS WORKSHOP*
- *Hack Saw or Jewelers Saw with 1, 0 or 0/1 blades*
- *Small Magnet*
- *Safety Glasses A MUST FOR THIS WORKSHOP*
- *Optional*
- *Notebook, Pen/Pencil, Camera, Apron.*

- *Ear Protection*
- *Magnifiers*

Registration Information:

Send a \$25.00 non-refundable deposit made out to Laurie Jane Kern. Give checks or cash to Laurie or Diane at the club.

Two new classes added

Wire Wrap

Description: Wire wrapping for making jewelry dates back thousands of years and can be seen in museum collections from the ancient Sumerians and Romans. Learn how to make a lovely piece of jewelry with Dawn Vaughn, by using wire to wrap to your stone.



Instructor: Dawn Vaughn

Location: Club Shop

Dates: June 4 and 5, 2016

Time: 10am-5pm

Cost: \$60 (club membership required - \$25 fee for single membership) plus materials

Call or email Dawn for more information and to register. (951) 265-8745 or dawnvaughn@hotmail.com

Silversmithing – Byzantine Chain

Description: This is one day basic chain class. The students will learn to weave jump rings to create this ancient design. No soldering is required.

Instructor: Annie Heffner

Dates: Sunday – June 26th, 2016

Time: 10:00am – 4:00 pm

Cost: \$35 (club membership required - \$25 fee for single membership)

Materials additional – Deposit to Annie by June 20th to ensure materials available for class.

Call Annie Heffner at (760) 855-5406 or email annieheffner@hotmail.com for more info or to register.

At this time there aren't any field trips schedule. We are in need of a field trip coordinator. But in the meantime if you come up with a fieldtrip that you would like to take and want some local rockhounds to accompany you, please feel free to let us know and we will make sure to publicize it right away.

SWAP MEET

Ever notice that there is someone possibly selling some items in the back of the room during our club meetings? Have you ever wanted to try and sell a few of your handmade and/or slabs to the club members and not known how? Well we have a swap meet in the back of the room every club meeting and you are welcome to sell your items during the club meeting.

In the past we have always asked for 20% of any proceeds be donated to the club. But we are changing that. From now on, for \$5, you can set up your treasures to sell at any club meeting and keep all of your proceeds. Please see the treasurer, Toni Floyd, to take advantage of this opportunity!

PGMC WEBSITE

The PGMC website is currently under construction and thanks to Joe Vaughn is now accessible at www.palomargem.org.

If you have any suggestions as he moves along feel free to email him with suggestions.

Find us on 

<https://www.facebook.com/groups/147708948608821/>
or search for Palomar Gem and Mineral Club

NOTES FROM THE EDITOR

The deadline for the newsletter is the Wednesday following the General Meeting. Articles should be sent to the editor at dawnjvickers@gmail.com.

I will try and get the newsletter out to our membership by the end of the month.

UPCOMING FIELDTRIPS

Jeweler's Bench Tips and Tricks from Brad Smith

DRILLING A STONE

One of the things my students often ask to do is drill a hole through a piece of gemstone. The usual thought is to get a diamond drill, but I've been disappointed



with them. I think the reason is that the tip of the drill is just pivoting in the hole and fails to cut well. When it looks like the drill isn't cutting, the tendency is to push with more force. The drill gets hot, and the diamond grit falls off.

A much better approach is to use a core drill. This is a small hollow tube with a coating of diamond grit at the business end. The diamonds easily carve out a circular arc without undue pressure or heat buildup.

Core drills are readily available from lapidary and jewelry supply companies, and Lasco Diamond has a great selection. They come in sizes as small as 1mm and are very reasonable in price. For instance, a 2mm diameter drill is about \$6.

Chuck up the core drill in a drill press, Dremel or Foredom and be sure to keep the drilling zone wet to cool the tool and to flush out debris. Also, if you're drilling a through hole, go very easy on the pressure as the drill is about to cut through. Otherwise you will usually chip off some

Calendar of Events

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|--------------|----------------------------------|
| May 14 & 15 | Intro to Faceting Class |
| May 18 | May's Meeting |
| May 21 | Faceting Continuation |
| June 4- 5 | Wire Wrapping Class |
| June 11 -12 | Intro to Faceting Class |
| June 15 | June Meeting – Silent Auction |
| June 26 | Byzantine Chain Class |
| July 9 – 10 | Beginning Silversmith Class |
| July 20 | July Meeting |
| July 30 – 31 | Chasing & Repousse Tool Workshop |

