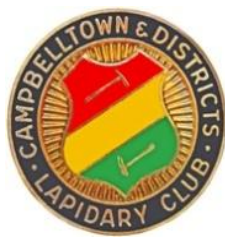


Rockgrinders Gazette



ADDRESS: Lot 1 Bensley Road Macquarie Fields NSW 2564

MAIL: PO Box 477 Ingleburn NSW 1890

EMAIL: ctownlapidaryclub@bigpond.com

WEBSITE: campbelltownlapidary.org.au

PHONE: (02) 9618 3206

Club rooms opening hours

Monday	9am till 2pm
Wednesday	9am till 2pm
Friday	6pm till 9pm
Saturday	9am till 1pm

August 2014 Peridot Edition

New members welcome

Interested in: Lapidary, Fossils, Gems, Crystals, Beading, Silversmithing or Lost wax casting in a relaxed friendly environment? Pop in and have a chat.

To all new members, we trust you will enjoy your experiences with us and benefit from our classes. If you have any questions there is a duty officer who will assist you. All members would also love to help you if they can.

Membership

Single	\$15.00
Family	\$20.00
Pensioner Family	\$15.00
Pensioner / Student	\$10.00
Insurance	\$3.50 per member
Workshop fees	\$2.00

NOTE: You must be an insured member over 12 years of age to use machinery & cutting implements

Silver Classes

Silver Casting Classes are conducted Friday evenings, but are in recess. Barry and Dorothy will be glad to help you get started when classes resume on 26th September

Show Cases

The club has six show cases available to go to good homes. If you are interested in one, make an offer. One per member.

ANNUAL GENERAL MEETING.

Saturday 6th September 9.30am

The time has come for you to consider who you want to run the Club for the next 12 months. The Annual General Meeting (AGM) is to be held immediately after the September General Meeting. At the AGM all elected members of the Management Committee will be required to stand down and their positions will be declared vacant. The election of a new committee will then be held. Some existing members will be eligible to re-nominate for their vacated position and others under the Constitution will not be eligible to re-nominate for their vacated position. However they may nominate for other positions.

YOU AS A MEMBER OF THE CLUB WILL BE REQUIRED TO ELECT THE FOLLOWING:-

- 1) PRESIDENT
- 2) VICE PRESIDENT (x2)
- 3) TREASURER
- 4) SECRETARY
- 5) MINUTE SECRETARY
- 6) ORDINARY COMMITTEE MEMBERS (x3)

The above forms the Management Committee. Please consider running for a rewarding position on the Management Committee. You will receive all the help to assist you.

THE CLUB CANNOT RUN WITHOUT MANAGEMENT COMMITTEE AND FAIR TRADING LAWS WON'T ALLOW IT.

Nominations forms will be available immediately after the August General Meeting and also there will a Nomination Form on the Notice Board. All nomination forms, to be eligible, will have to be submitted to the Secretary not less than 7 days before the Annual General Meeting.

Peridot - August Birthstone.

Peridot



Peridot is the gem variety of Olivine (Chrysolite). The intensity of color depends on the amount of iron present in a Peridot's chemical structure; the more iron it contains the deeper green it will be. The most desirable color of Peridot is deep olive-green with a slight yellowish tint. Deeper olive-green tones tend to be more valuable than lighter colored greens and yellowish-greens. - Olivine is also found in meteorites, and large grains have been reported in many of them.

Most olivine found at Earth's surface is in dark-coloured igneous rocks. It usually crystallizes in the presence of plagioclase and pyroxene to form gabbro or basalt. These types of rocks are most common at divergent plate boundaries and at hot spots with in the centres of tectonic plates.

Olivine has a very high crystallization temperature compared to other minerals. That makes it one of the first minerals to crystallize from a magma. During the slow cooling of a magma, crystals of olivine may form and then settle to the bottom of the magma chamber because of their relatively high density. This concentrated accumulation of olivine can result in the formation of olivine-rich rocks such as dunite in the lower parts of a magma chamber.

Crystals of olivine are sometimes formed during the metamorphism of a dolomitic limestone or dolomite. The dolomite contributes magnesium and silica is obtained from quartz and other impurities in the limestone. When olivine is metamorphosed it is transformed into serpentine.

Physical Properties of Olivine

Chemical Classification	silicate
Color	usually olive green, but can be yellow-green to bright green, iron-rich specimens are brownish-green to brown
Streak	colourless
Luster	vitreous
Diaphaneity	transparent to translucent
Cleavage	poor cleavage, brittle with conchoidal fracture
Mohs Hardness	6.5 to 7
Specific Gravity	3.2 to 4.4
Diagnostic Properties	green color, vitreous luster, conchoidal fracture, granular texture
Chemical Composition	typically $(\text{Mg, Fe})_2\text{SiO}_4$, Ca, Mn and Ni rarely occupy the Mg and Fe positions
Crystal System	orthorhombic
Uses	gemstones, a declining use in bricks and refractory sand



August Birthdays (Peridot)

1st Gladys Neilson
 7th Marieta McNaught
 10th Laurie O'Shannessy
 20th Barry Perkins
 21st Ethan McKenzie
 25th Rob Wallbank
 25th Bev McKenzie
 26th Adam Fitzgerald



Peridot is said to calm the nervous system which assists with emotional balance - it counters the effect of negative emotion and helps raise self esteem. In ancient times Peridot rings were worn to combat depression.

Annual Exhibition

Our annual exhibition was on the 12th and 13th of July. It was an interesting weekend and it gave us the opportunity to show the diversity of our club members and dealers.

Our new showcases looked very professional and showed off our members work beautifully.

A huge thank you to everyone who helped out on the weekend. A lot of work goes into putting on an event of this size and the many willing helpers made the task quite achievable.

The cafeteria was smoothly run by Elaine and Clarice with Ray, Tristan and Denise assisting them. A big thanks to Carolina who has worked tirelessly to put together stock for the club table. She was helped out throughout the weekend by Alison, Eugenio, Margaret, Heather and Marietta. The children's table was looked after by Margaret and Kerri-Rose. Greg 'Woody', cut a fine figure as a security guard and visitors were welcomed by our Ron, Bob, Dieter and John. Finally a big thank you to everyone who helped set up and pull down the exhibition. When we work together as a club we can achieve some pretty wonderful results.



Raffle and Lucky Door Prize

1) Lucky Door Prize Scott James Winston Hills

a) 1st Prize Ticket Blue E64 Donna Higgins

b) 2nd Prize Ticket Green A75 C Briggs

c) 3rd Prize Ticket Purple A23 Ben Ryan Camden

Donna Higgins - winner of the beautiful silver bracelet made by Barry.

Donna was thrilled to win the bracelet. Her grandfather was a shearer but his great passion in life was lapidary. He went to Cooberpedy and Maralinga to fossick for long periods of time. She came to the exhibition to be reminded of the things her grandfather loved.



More Pictures from the Exhibition



Brad Smith's Bench Tips

SETTING A RIVET

Many sources tell you to use a small cross pien hammer for riveting, but I've found for me it's a lot easier for me to hit the rivet wire when using a small ball pien. The smaller the better. I'm using one now that's about 3/8 inch diameter on the back of a chasing hammer, but I've been thinking that a 1/4 inch ball might be even better.

SHEET WAX WITH ADHESIVE

While shopping in the Los Angeles jewelry district for supplies for our class, I found a new product that may interest some of you. Often I want to increase the thickness of a model by adding a layer of wax on the back side. For instance, models like a leaf or a flower petal do not cast well unless you add a little extra thickness. Problem is trying to apply a coating of wax that's smooth and even. The new product I found is a soft sheet wax with an adhesive coating. This lets me easily add thickness to a very thin model. For instance, press it onto a leaf, trim the wax to the leaf shape, and then gently bend the sandwich to the contour you want. The wax is available in a number of different thicknesses from about 26 ga to 14 ga.

Get all 101 of Brad's bench tips in "Bench Tips for Jewelry Making" on Amazon

You can also look online at his book at <http://amazon.com/dp/0988285800/>

What's On

Events are generally from the Gem and Lapidary Council of NSW

<http://www.gemlapidarycouncilnsw.org.au/events.html>

Other contributions can be made via email to the club ctownlapidaryclub@bigpond.com.

We are grateful for any submissions

WHEN	WHAT	WHERE
August 16th and 17th 2014	Blaxland Gem & Mineral Club Gem Show	Glenbrook Community HalGreat Western Highway, Glenbrook, NSW http://blaxlandgemmineralclub.webs.com/BGM_Cshow.htm
23 – 24 August 2014	Bankstown Annual Exhibition Saturday 23rd August from 10am – 4.30pm and Sunday 24th August From 10am – 3.30pm -Slabs, Hand made jewellery for sale, sausage sizzle and light refreshments available. \$3.00 entrance fee	Corner of Dale Pde and Olympic Pde Bankstown (opposite the Bowling Club)
Saturday 6th September	Campbelltown Districts Lapidary Club Annual Meeting	Lot 1 Bensely Rd Macquarie Fields.
Fri 19 – Sun 21 September 2014	The Bead Show Sydney, Spring Show 2014	Marrickville Town Hall, 303 Marrickville Road, Marrickville. NSW. 2204 http://thebeadshow.com.au/the-bead-show/sydney-spring/
Sat 4th – Mon 6th October 2014	A World Of Gems – This is GEMKHANA 2014 The Annual Gem & Mineral Show and Competition of lapidaries from all over NSW, presented by the Lapidary Council of NSW Inc	Goulburn Showground Recreation Area, Braidwood Road, Goulburn, NSW 2580 Contacts: Marilyn or John 02 9635 8218 or Arthur 02 4572 5812
11th – 12th October 2014	White Cliffs Gem Fest & Car Boot Sale Times will be 9am till 5pm Saturday and 9am till noon Sunday	Please contact Jane Stevenson on telephone 0438790510 or email wcma2012@hotmail.com for bookings or further information.
24th – 26th October 2014	Northern Districts Lapidary Club Gem Show – Gems, Jewellery and Minerals Exhibition.	Beecroft Community Centre, Beecroft Road Beecroft http://ndlapidary.org.au/gem-show-beecroft-nsw/
Sat 1st November 2014	Cessnock Gem and Mineral Club Annual Rock Auction Fossils, Minerals, Crystals, Gems and much more many interesting and rare specimens Sausage Sizzle from 11am Viewing from 12 noon Auction commences at 12.30pm	Cessnock Gem and Mineral Club Clubrooms- Lot 1 – Hall Park Stephen Street, http://lapidaryworld.com/cessnock_gem_club or cessnockgemclub@gmail.com
7 – 9th November 2014	Parramatta-Holroyd Annual Exhibition (10am to 4pm). Entry is free. Competition, displays, sales, raffle demonstrations, mineral sales, sausage sizzle, tea/coffee and cake, sand sieve, rock heap, plant and books sales	. 73 Fullagar Road Wentworthville NSW http://www.freewebs.com/parrahalroydlapidaryclub
8th- 9th November, 2014	Newcastle Lapidary Club's Annual Gem Show Sales of gemstones, beads, silver, tools, jewellery. Displays of faceting and jewellery making. Devonshire Teas, Sausage Sizzle,	At the Club, 2 Dora Rd Adamstown From 9.00am to 4.00pm

Club Workshop 23rd August

Wire Wrap a Cabochon

This month we will be learning how to wire wrap a cabochon. Earlier this year we learnt how to wrap a tumbled stone and now we are going to learn a different technique for a standard shaped stone

Workshop cost \$20 -

Campbelltown Lapidary Club – August Peridot Edition 2014