



GEMCLUB SEPTEMBER 2018

NEWSLETTER

Clubrooms: Grace Park Cottage (Corner of Henry and Duncan Avenue Greensborough). Postal Address: P.O. Box 3088.

Phone: 0413 435 899 (Keith Billing).

www.diamondvalleygemclub.com.au

The Club fosters the interests of all people who are interested in the collecting, cutting and polishing gemstones, lapidary work, in addition with all associated arts, crafts and activities.

CLUB TIMES.

Monday: 7.00 – 9.00 pm
Tuesday: 10.30 – 3.00 pm
Tuesday: 7.00 – 9.00 pm
Thursday: 7.30 – 10.00 pm
Saturday: 1.30 – 4.30 pm



Diamond Valley Gem Club Inc.

MONTHLY NOTICES

Monthly Meeting 4th September 2018 Minutes and Correspondences are on the Club Room Notice Board

The Meeting was opened at 7.15pm and closed at 8.40pm

Office Bearers

President:	Keith Billing	0413 435 899.
Vice President:	Maureen Boyle	0412 303 816.
Treasurer	Keith Kerr	0409 504 021
Secretary:	Leigh Carbines	9846 2335
Minutes Secretary:	Robert Cooper	

Duty Officers

Monday:	John Milner.
Tuesday Day:	Neil Crammer.
Tuesday Evening:	John Milner.
Thursday:	Keith Billing/John Neville/John Milner.
Saturday:	Neil Crammer.

Committee Members

Gary Benson (9467 1174), Anne Brewster, Neil Crammer (0419 021 221), Clair Gleeson (0409 511 751), Mike Griffin, Dawn Lee (9434 1512), John Milner (9435 5710) and Jaci Anderson

Newsletter Editors

Neil Crammer and Rahn Krammaer
Email: dvgnewsletter@gmail.com (New Email Address)
(only for issues relating to the newsletter)

Business Monthly Meetings

Notice Board

It was decided that for any general business matters that members would like to discuss at the Monthly Meeting should be placed on the Notice Board list for that month. The Committee would then know of additional items of general business to be considered for the meeting.

This allows the Minutes Secretary to keep track of these matters.

Current and New Members can also attend the meeting to join in any discussion that they are interested in. If a member wishes to raise an item at the meeting but cannot attend the meeting, they are welcome to give the information to a committee member to raise for them or the item can be placed on the Notice Board.

Committee Meeting

- **Committee meetings are held on the first Tuesday of each Month (except January) at 7:15 pm**

Points of Interest

Inward Correspondence and Minutes

Pointer

- **September Pointer 2018 Club copy is available at the Club Rooms**

From Other Clubs

- The Gemini
- Gemform
- The Mordi-Agate
- Frank Stone Chaser
- Rockfella
- Gem Gossip

Other Inward Correspondence

Nil

Items of Interest

- The Museum Tour has been delayed
- Information of rotation of Executive positions is to be considered and will be explained in a future newsletter
- A discussion on holding regular lapidary night will be reviewed at our next committee meeting
- An Information Table is to be set up at the Watsonia Library in October.

Detailed Copies of the Minutes and Correspondence has been posted on the Notice Boards at the Club Rooms. Please Read. If you want any further information on any items listed in the minutes speak to a committee member for further clarification

CLUB MEMBERS CORNER

Dear Member

- **Members Please Note No Workshops are available or Courses to be undertaken on the club premises on Monthly Committee Meeting Nights. First Tuesday of each month**

Membership Renewals: 2018-2019

Becoming a member is a great way to get involved in the club. Members between the age of 16 and 90 are included in our Public Liability Insurance and Personal Accident Insurance.

**Joining Fee: \$10.00 Annual Subscriptions: First Adult: \$30.00 Additional Adults: \$20.00 Under 15: \$15.00
Life Members: nil**

Important Notice

Duty Officers please confirm that all members who are operating club equipment are financial.

Please note

Workshop Fees have been increased from \$3.00 to \$4.00 per session commencing from 30th March 2018

Newsletter Notice

If all members with an email address could give it to **Neil Crammer** or send an email to **dvgcnewsletter@gmail.com** (with your full name), so that we can send the newsletter to you. If you change your email address, please advise us in order to still receive the Club Newsletters and emails.

Current Newsletters will also be available to pick up from the clubrooms.

Field Trips DVGC 2018

Field Trips:

There are no field trips organized for September at the time of issuing this newsletter.

If a club member has a suggestion about what may be able to be organized for future field trips please contact me on the following mobile phone number. Alternatively, you can give a suggestion via a notice on the notice board I will be putting up leaving your phone number so I can contact you.

I will put on the notice board any field trip that may be coming up for anyone interested to put their name telephone number on for that particular field trip. I will contact those people who are interested.

DVGC Field Trip Officer - Robin Jongebloed – 0418806410

Field Trip Officer's September Report

I am away from the end of August till the end of September so will be unable to be contacted regarding field trips.

Recently I checked out Eldorado and Beechworth districts along Reedy Creek for a club day trip in October.

Fossicking for gold and quartz crystals.

I will put up on the notice board an expression of interest in having a one day trip to Reedy Creek.

The day would be based on tag along with members supplying their own transport, food, tools etc.

This would include some minor instruction on panning for gold and looking for crystals.

Robin Jongebloed Field trip Officer.

Club Members Thank you

Thank you to the Members who have carried out activities for the benefit of our Club members during the month.

- *Our Volunteer repair people and other support members keep the club in a safe and clean condition for your personal safety and a good environment to work in. If you can assist and help the club, please contact the Committee.*
- *Members Sale of Materials and Machinery*

Check the Notice Board for any items of Machinery, which are for sale. Please contact number listed.

- *Robert Cooper has been appointed as a Duty Officer to our club. Welcome to the Fold. Robert!*
- *Members. Please read John Milner Lapidary Corner Page 6 Thank you, John for your contribution*

Jaci's Findings

Jaci September 2018

Any history buffs out there in gem world? This month's finding's comes from the history of stones and jewellery, where you will find articles of different facets!

<https://www.gemsociety.org/article/myth-magic-and-the-sorcerers-stone/>

<https://www.gemsociety.org/article/the-history-of-lapidary/>

<http://www.ancientfacts.net/7-oldest-pieces-jewelry-world/>

Happy reading!!

WORKSHOPS

Cabochon

courses are conducted by Keith Billing for New Members to the club. New members should contact Keith Billing as to when the courses are available.

Faceting

The faceting room is overseen by John Milner. New faceting workshops will be help for members wishing to learn faceting. Contact John Milner for more information.

Last Wax Casting

Leigh Carbines teaches a lost wax course. Put your name on the list on the Notice Board so that Leigh can contact you with the relavent information.

Wire Wrapping

Claire Gleeson teaches a wire wrapping course. Please check at the club for an update on this course. Clair is currently unavailable.

Silversmith/Jewelry

For information contact Mike Griffin or Keith Billing.

Course Fee: all courses cost \$35.00 plus materials and usually run for five to six weeks.

Duty Officers

Duty Officers are always required. If you believe that you would like to be a Duty Officer inform **Keith Billing**.

- Duty Officers are appointed by the DVGC Committee of Management.
- Are in charge of working sessions and they can direct members on behaviour in the clubrooms.
- Can allocate (or no access) to machinery and/or facilities in the Club Rooms.
- Are responsible for the opening and locking of the premises for each sessions.
- See that the premises are clean and tidy, along with water, lights, power and heating are switched off.
- Are responsible for collecting the daily Workshop money.
- Can accept Membership Subscriptions ,issuing a receipt and ensure that the member fills out a **Membership Application Renewal Form** and making sure each person, including visitors are entered on the days worksheet.

Duty Officers are unpaid volunteers and deserve cooperation of help from members

Workshop Notes

- The new trim saw table can now be removed to enable members to clean inside the tank after use by that member. Also, please empty the bucket after use.

Diamond Valley Gem Club .inc Web Page

Report from Jeff Hill

- We are Still looking for photos of our members work to put on the Web Page to show the world what we can do. Please send Photos of your work as an attachment to an email to Jeff.
- We have sent out the June/July VGCA Pointer on line in conjunction with VGCA. This will allow more of our members to be able to read this Monthly Magazine in detail. You will receive a monthly Email with an attachment. Open up the attachment and you will be able to view the monthly Pointer Issue. NMC Download the attachment to your computer. Save or Print out a copy
- Members, Check out our Public facebook.: <https://www.facebook.com/DVGCinc/>
- Our Private group page is: <https://www.facebook.com/groups/diamondvalleygemclub/>
- Please join this group if you are not already using it.

jeff.hill@torsolutions.com.au

Mobile No .0407 548 692

John Milner Lapidary Corner

ULTRA-VIOLET MINERALS

Sir Isaac Newton (1642-1727) discovered that a triangular glass prism could split a beam of sunlight into a rainbow or spectrum of colours. This proved beyond doubt that white light is merely a mixture of several colours or wave-lengths of light emerging from the prism in a strict order from red (the longest) through orange, yellow, green, blue and indigo to violet (the shortest).

The rainbow or spectrum has since proved to be much broader than this and only the section from red to violet is visible to the human eye. On the one hand are wave-lengths longer than red; on the other those shorter than violet. Those beyond red are called infra-red, while wave-lengths shorter than violet are called ultra-violet.

Over one hundred years ago it was discovered that if the mineral fluorite were exposed to short wave-lengths, it would absorb them, convert them to longer wave-lengths and give them off again. This behavior is referred to either as fluorescence or photoluminescence. Fluorite is by no means the only mineral that fluoresces, although most minerals do not behave in this way.

Cause of fluorescence

Briefly, the cause of fluorescence lies within the atoms which compose the mineral. Each atom is made up of many small particles, including electrons. Each electron has a relatively fixed position and a fixed amount of energy within the atom. When exposed to ultra-violet light, some of the electrons absorb energy. This energy causes them to move out of their normal position. The energy passes out of the mineral in the form of visible light and all returns to normal. The amount of light given off by each atom is very small but when done simultaneously by millions of atoms, a fluorescent glow is produced.

However, there will be no movement of electrons (and no fluorescence) unless the mineral contains traces of certain metallic elements called activators. Common activators are manganese, copper, silver, lead, uranium and chromium. These activators may be part of the composition of the mineral or may be present as impurities.

This is why specimens of a mineral from one locality (that happens to have activators present) will fluoresce while the same mineral from another locality (without the activator) will not. Thus, specimens of calcite containing manganese from Broken Hill fluoresce a bright red.

On the other hand, if the mineral contains too much of the impurity there may be no fluorescence. Not surprisingly, the colour and intensity of fluorescence of most minerals varies from locality to locality.

Minerals which fluoresce

As already stated, calcites which contain traces of manganese often fluoresce red. Other varieties of calcite fluoresce yellow and green. A list (by no means complete) of other fluorescing minerals includes:

Mineral	Fluorescence
Autunite	Green
Chalcedony	Yellow
Crocoite	Dark Brown
Diamond	Very Pale Blue
Fluorite	Blue
Opal	White to Yellow
Powelite	Yellow
Red varieties of Spinel	Red
Ruby	Red
Scheelite	Bright vivid Blue
Scheelite with molybdenum	Bluish-White
Sphalerite	Deep Yellow
Wernerite	Yellow
Willemite	Yellow
Zircon	Orange (the paler the stone the more brilliant the fluorescence).

Reproduced from "The Australian Lapidary" Vol.9 No 12, 1973

John's comment – This as relevant today as ever.

Have a try at home. Purchase an inexpensive UV torch, put out the lights and test your stones. You'd be surprised at what you'll see.

Happy Fluorescing!

John Milner

FORWARD DIARY

<u>August</u>	10-13	Victorian Facetors Group Maiden Gully (Bendigo) Workshop. Community Hall, 711 Calder Highway, Maiden Gully, Vic 3511. Contact Graham Young 9363 1803. Mob: 0487283598.
	11	V.G.C.A. Meeting, Nunawading Clubrooms, 2 Silver Grove, Nunawading. Melway Ref 48 E10. 4pm.
	18-19	Ballarat & District Gem Club Show. "The Farm" 800 Norman Street, Nth Ballarat (Invermay Park)
	25-26	Frankston & Peninsular Lapidary Club Annual Gem Show. Cranbourne Public Hall, South Gippsland Highway, Melway ref. 133-J4. Contact Joselin Kedstrom 0420364980 or Heike Ennis 0401305707
<u>September</u>	1-2	Mildura & District Gem & Jewellery Show. Sunraysia Masonic Hall, Fifteenth Street, Irymple. Contact Joe Watson 0428540933, josephwatson28@icloud.com
	8	V.G.C.A. AGM, Nunawading Clubrooms, 2 Silver Grove, Nunawading. Melway Ref 48 E10. 4pm.
	8-9	Bendigo Gem Club Show. Baptist Church Hall, Mclvor Highway, Bendigo
	22-23	Waverley Gem Club Exhibition. Brandon Park Community Centre, 645 Ferntree Gully Road, Glen Waverley. 10-5 each day. Contact Peter 0415536770, or waverleygemclub@gmail.com
<u>October</u>	12-14	2018 New Zealand National Show. Tauranga, New Zealand.
	14	Possible Field trip to Lake Cooper Quarry, GV Gem Mineral & Craft Group, See your club field trip officer for details, to be confirmed by George.
	13	V.G.C.A. Meeting, Nunawading Clubrooms, 2 Silver Grove, Nunawading. Melway Ref 48 E10. 4pm.
	13-14	Mordialloc Lapidary Club GEMFAIR. Moorabbin Senior Citizens Hall, 964 Nepean Highway, Moorabbin (near the House & Home Centre) Mel Ref 77, E6. Contact the Club on 95800401
	20-21	Nunawading & District Lapidary Club Annual Exhibition. Dorset Primary School, Rescorla Ave, Croydon. Melway Ref 50 K7. Contact Phil Toland 9761 3169 or ndlcgem@hotmail.com
	27-28	Combined Gippsland Gem Clubs Gem Show. Kernot Hall, Princes Highway, Morwell. Contact Trevor Pickering 0351341250 or 0428502547
<u>November</u>	3-4	Geelong Gem and Mineral Club. "Gem, Crystal and Jewellery Show." Geelong West Town Hall, 153 Pakington St, Geelong West. 10-5 Sat 10-4 Sun. geelonggemandmineralclub@gmail.com.
	10	V.G.C.A. Meeting, Nunawading Clubrooms, 2 Silver Grove, Nunawading. Melway Ref 48 E10. 4pm.
	16-19	Victorian Facetors Group Beechworth Workshop. The Old Priory, 8 Priory Lane, Beechworth, Vic 3747. Contact Graham Young 9363 1803. Mob: 0487283598.

<u>December</u>	8	V.G.C.A. Meeting , Nunawading Clubrooms, 2 Silver Grove, Nunawading. Melway Ref 48 E10. 4pm.
<u>February</u>	1-4	Victorian Facetors Group Traralgon Workshop , Contact Graham Young 9363 1803. Mob: 0487283598.

August 2018

POINTER

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<u>March 2019</u>	9-10	Combined Victorian Gem Clubs show.
<u>April</u>	19-22	Rockhampton GEMBOREE
<u>May</u>	17-20	Victorian Facetors Group Shepparton Workshop , Contact Graham Young 9363 1803. Mob: 0487283598.

GEMBOREE 2020 Albury
Yes, Its only 18 months away!

2021 Tasmania,

Clubs (including interstate clubs) do you know dates, locations and contact persons for your 2018 show? Please let us know when the information is available so that it can be published in forward diary.