

THE CMLC NEWS

The Canterbury Mineral & Lapidary Club Inc. Newsletter for Septembere 2019



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Club Mailing Address: 24 O'Briens Rd, Sockburn,
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Website: www.cmlclub.org.nz
Meeting Venue & Clubrooms: 110 Waltham Road,
Waltham, Christchurch 7:30 pm on the second Thursday
of the month [Feb. to Nov.]

General Meeting: 12 September, 10 October, 14 November (at 7.30 p.m.)
Committee Meeting: 19 September, 17 October, 21 November (at 7 p.m.)
Micro Mineral Meeting: 5 September, 3 October, 7 November

Please remember the \$2 entry fee for our General Meetings and sign in to the meeting attendance book.

The September Meeting: We have a guest speaker coming all the way from Dunedin, specifically for our meeting. Matthew Vanner is currently studying the fossil woods of Southland, and will speak about the work he is doing. Bring along any specimens you are interested in getting identified. His talk goes by the wonderful title of: "200 Million Years of Fossil Wood; The Jurassic to Quaternary record of NZ's paleoxyloflora" .

Supper Duty: Tessa Mitchell-Anyon, Liam Bignell, Paul Breakwell, Miranda Bryant, Vince Burke, Chris Caine, Vernon Chink.

September Field Trip: Please make your own way to the club show and fossick in the trailer.

General Meeting Auction: More material from Ken Sitarz. Thank you. In addition to a similar range of material at the last auction of Woolshed agate nodules, ventifacts, and petrified wood will be Chinchilla petrified



wood, Bowenite and a good size piece of Gympieite.

.Gympieite, is a type of green/blue/grey chert, composed of sedimentary microcrystalline silicate material laid down about 400 million years ago. The stone is very hard and takes a fine finish.

Our Club Show: Our club show this year will be in the clubrooms on September 28, 29. A jobs board has been around, and a big thank you to all who have volunteered. There are some gaps, particularly on the Sunday. A jobs roster will be sent out by email. Please check where you are rostered, and if you can help fill in the gaps.

Remember to save all those unwanted rocks, gemstones, off-cuts etc to go into the fossicking trailer at the show. The public do love fossicking through this—and a few club members.

Val Lear is organising the raffle prizes this year. She still needs further donations for this.

John Tailor is coordinating all the displays from club members. So far he has had offers of 10 displays, but could do with some more.

Finally: we would expect to see all club members at the show at some time during the weekend. Please let's make this a good one.

2019 National Show: 11, 12, 13 October: Remember the competition entry forms must be in the organiser's hand by 27 September. Entry forms and the competition schedule is available on our website. www.cmlclub.org.nz

Death Notice: It is with sadness that we note the passing of club life member Gerry Brown. He was a member from the beginning of the club, and worked to get the Whitecliffs dig available for us. He frequently used his back-hoe tractor to clean out the spoil from the dig. He was well known for the domed butt ends he created. Our sympathy to his family.

September Monthly Competition

Lapidary: Polished Lapis.
 Fossil Largest Shark tooth.
 Mineral: NZ Mica
 Alphabet Cup: GHI
 Recent Find: On Club fieldtrip to
 Bring and Brag

August Monthly Competition Results

August	2019	1st	2nd	3rd	4th
Lapi-dary:	Polished agate but end-New Zealand	C. Tait R.Hall	J. Taylor R.Knowles O Swan	D.Mcdonald L.Day	C. Thian
Fossil	Fossil from Glenaf-ric	J. Taylor	D.Mcdonald	R.Lindsay	L.Day R.Hall E.Hitt C.Tait
Mineral:	Nimo's Swamp agate	J Taylor	R.Lindsay	R.Hall L Day MacDonald	C. Tait
Alphabet Cup:	DEF	O.Swan	J.Taylor L.Day		
Recent Find:		D.Stanley	C.Tait		
Bring and Brag		K.Sitarz	E.Hitt	G.Birdling J Taylor	R Knowles

library time:

Here are some items that have been recently donated & should be on the library shelves by the time you read this

Arnoldo Mondadori The Macdonald Encyclopedia Of Rocks & Minerals 1977

Bill Myatt How & Where To Find Gemstones In Australia & New Zealand 1978

D G A Whitten The Penguin Dictionary Of Geology 1972

David Shelley Manual Of Optical Mineralogy 1975

E N K Clarkson Invertebrate Palaeontology And Evolution 1986

Graeme R Stevens New Zealand Adrift 1980

Niles Eldredge Fossils 1991

Peter Francis Volcanoes 1976

R P Suggate The Geology Of New Zealand Vol. 1 1978

R P Suggate The Geology Of New Zealand Vol. 2 1978

Richard Fortey Fossils The Key To The Past 1982

Principles Of Physical Geology Part 1 1981

AUGUST FIELD TRIP

By Lynda Alexander

Although inclement weather for our fieldtrip on Saturday 10th August, around 20 members turned up at Campbell Lintott's home in Sefton around 9.30am to get a first glimpse of his newly set up collection. With the official opening to the public not until September, Campbell had been busily working on this over the last month to have ready in time for our club visit. We were all wowed with what Campbell had managed to achieve, with large and varied displays of rocks, shells & fossils. Campbell, his wife and daughter put on Devonshire tea with scones and cake which went down well on a wet and cold morning. Then, after a quick look at the rocks around the outside of the building, we all headed over to Paul Morgan's home in Amberley to see his workshop setup. Paul had an impressively clean and tidy workshop that he uses for his jewellery making. A photograph album on display showed some of the jewellery he has made to date & there was a display cabinet with some of his pieces of jewellery.

If was then off to the Pukeko Junction café for lunch where we spread over two tables. There was an excellent selection of yummy food to choose from and good service even though a busy place at lunchtime. The adjacent gallery & shop was also worth a look through while waiting.

After lunch the hardy ones of us then drove down the road to Leithfield beach for a walk and the hopeful prospect of finding some jaspers, agate

& wood. Although the rain had stopped there was a bitterly cold wind, with most members only lasting half an hour before retreating back to their vehicles.

Overall an excellent day was had by all who attended with a very convivial atmosphere. Our thanks go to both Campbell and Paul for opening up their collection and workshop to the club.

Some of the Campbell Lintott Collection



Concerns for Kiwi stonemasons after accelerated silicosis rise in Australian benchtop craftsmen: *Tommy Livingston*10:18, Jun 19 2019

Hundreds of Kiwi stonemasons are likely affected by an incurable and sometimes fatal lung disease from cutting stone bench tops - but don't yet know it. The dire warning comes from leading occupational physician Dr Alexandra Muthu who is working alongside government to prepare for what she says is a disease "more significant" than asbestos.

The rise of the disease is being blamed on the demand for fashionable stone bench tops.

The risks associated with cutting natural stone have been known for sometime, but the dangers of cutting engineered stone only realised when more than 170 young stonemasons in Australia were diagnosed with accelerated silicosis in the last year.

The disease is caused by breathing particles of crystalline silica over a period of years, irreversibly damaging a person's lungs. There have been a number of deaths as a result of the disease in Australia, with many others left in need of a lung transplant to survive.

Based on the high numbers in Australia, Muthu anticipates there are 150-250 stonemasons who currently have accelerated silicosis in New Zealand.

There is yet to be anyone diagnosed but that was because symptoms were not obvious until the late stages, Muthu said.

"We know there are very young workers in their 20s, 30s and early 40s who think they are well. We are going to have to find them and tell them they have an incredibly significant lung disease, that will impact on their function and shorten their life."

Work was being done by a newly formed taskforce chaired by Muthu with WorkSafe, ACC and the Ministry of Health formulating a plan so those affected could be properly diagnosed.

WorkSafe sent out a safety alert last month warning industry professionals about the risks.

The Minister of Health had also been briefed on the issue, and the government asked to support a co-ordinated national case-finding response.

The disease was more dangerous than asbestos due to the short amount of time required for it to develop.

Despite the severity of the disease, Muthu said it was important people didn't panic.

"Nobody has to rush to their GP or ED. It is important we do this in a coordinated way so the correct experts are involved and that we get the correct diagnoses."

She anticipated some in the industry would not take her warning seriously: "There is nothing to indicate we are different from Australia."

Dr Graeme Edwards, who helped discover the problem in Australia, is hoping the New Zealand government will act quickly to try and minimise those at risk here.

"It is a very important issue ... We have not seen a thing with this sort of magnitude in the past," he said. Business owners spoken to by Stuff were confident they had the correct safety procedures already in place.

One said he was "aware" of the problems in Australia but was confident they had the correct safety gear.

"We have got all the safety gear and a big extraction room. All our machines run water through them."

Unlike natural stone, which comprises approximately 5-30 per cent silica, artificial stone materials contain more than 90 per cent silica.

Stone can be cut safely if workers wear proper masks, use a method called wet-cutting - which uses water to stop the spread of the dust - and if an extractor fan is in place.

Canterbury Mineral and Lapidary Club



Gem Show 2019

September 28 and 29

Gemstones, fossils, minerals

Displays, sales, fossicking trailer

110 Waltham Rd (Next to

Waltham School)

Saturday 28 Sept. - 9 a.m. to 5 p.m.

Sunday 29 Sept - 9 a.m. to 4 p.m.

Adults: \$3; School Children: \$1



HETTIE'S ROCK & CRYSTAL SHOP

Birdwood Ave, Beckenham, Christchurch.

Also: Akaroa and Queenstown

Open 7 days 10 a.m. to 5 p.m.





GEMSTONE & FOSSIL MUSEUM

**67 HILLVIEW ROAD,
BIRDLINGS FLAT**

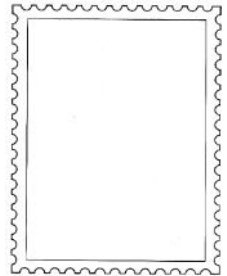
Owners: Vince & Colleen Burke

Phone: (03) 329 0812

Email: gemstonemuseum@gmail.com

Open 9:30am till 5:00pm (seven days a week)

Sender CMLC, 24 O'Briens Rd, Sockburn, Christchurch 8042.



«Field1»

«Field2»

«Field3»

«Field4»

«Field5»