

THE CMLC NEWS

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



President -- Malcolm Luxton Phone 033088874
Treasurer -- Lynda Alexander Phone 3476393
Secretary -- Tessa Mitchell-Anyon
Bulletin Editor--Craig McGregor Phone 0274209814
Club Mailing Address: 24 O'Briens Rd, Sockburn,
Christchurch 8042.
Email: cmlclub@chch.planet.co.nz
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:**24 October**, 14 November, 13 February (at 7.30 p.m.)
Committee Meeting:17 October, 21 November, (at 7 p.m.)
Micro Mineral Meeting:3 October, 7 November

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

The October Meeting: PLEASE NOTE THE DATE FOR THE GENERAL MEETING IS 24 OCTOBER. This is later in the month than usual as our guest speaker is John Taylor, coming over from Scotland. He has been here before, and is always an entertaining speaker.

Supper Duty: Errol Hitt, Lee Frewen, Marion Frey, Pete Gibbs, Jacqueline Wharepapa, Bill Graham, Thomas Healey.

October Field Trip: Make your own arrangements to the National Show in Dunedin. Several club members are staying at the Aaron Lodge. 2 field trips are available at the show: to Nimmos swamp at Moeraki for seam agates, and to Akatore, south of Dunedin for rhodonite.

General Meeting Auction: There will be more high quality material from Ken Sitarz. An efpas machine will be available. In addition to containers of Woolshed agate nodules, are containers of petrified wood from

Tiwai Point Beach, ventifacts from Awarua Bay near Bluff and petrified wood from Chinchilla, Queensland. Also included are several large bowenite greenstone pieces and large Agate nodules



Our Club Show: A big than you to all of the helpers at the club show. It has been a great success and a very good dress rehearsal for our holding the National Show next year.

A sub-committee of Wayne Eddy, David Macdonald and Don Stanley have been developing a competition schedule for the National Show. They have now completed this, so it is a grateful thanks to you three. It will soon be available from our website at www.cmlclub.org.nz. So everyone will have plenty of time to get cracking on getting their National Show Competitions ready!!!

From Pres Malcolm:

I'd like to shout out a huge Thank You for all the work that went in to making the Club Show such a winner last weekend. The set up was completed in world record time and this allowed stall holders and showcase entries to be completed with little to no hassle.

It is nigh impossible to accurately predict the exact head count through the doors but well over 200 children took part in the Rock Identification Competition alone.

I know it can be a bit risky singling folks out, but I will take the risk nevertheless.

Special thanks to Craig for the overall organisation of the show and for setting up rosters etc.

Special thanks to Val who organised, manned and looked after the raffles for pretty much the whole weekend.

Special thanks to Paul for cooking up a storm on the barbie for the two days and for supplying the bangers.

Special thanks to Jan for baking giant scrummy scones and cream and for

making sure everyone was fed and watered.

Special thanks to Campbell and those who organised and manned the trailer for the two days.

Special thanks to Kim for high profiling the workshop.

Thanks to those who donated prizes and those who invested time and effort that I am unaware of.

With appreciation,

Malcolm

Pres

October Monthly Competition

Lapidary: Any polished item that was entered into the National show.

Fossil Fossil from Motunau

Mineral: Barite from New Zealand.

Alphabet Cup: JKL

Recent Find:

Bring and Brag

September Monthly Competition Results

Lapidary: Polished Lapis.

1st David Macdonald, 2nd Craig McGregor, 3rd Owen Swan

Fossil: Largest Shark tooth., 1st David Macdonald, 2nd Craig McGregor, 3rd John Taylor, 4th Lindsay Day, 5th Cecile Tait

Mineral: NZ Mica: 1st David Macdonald, 2nd Lindsay Day, 3rd Cecile Tait, 4th Rob Lindsay

Alphabet Cup: GHI (country) 1st John Taylor (Apophyllite-India), 2nd Craig McGregor (Agate-Germany), 3rd Lindsay Day (Adamite thumbnail-Greece), 4th Owen Swan (Agate-India)

Recent Find: On Club fieldtrip

1st Rob Lindsay (quartz, jasper, chert & wood selection from Litchfield Beach)

Bring and Brag

1st Craig MacGregor (Australian fossilised fern slabs), 2nd Un-named (Awarua Bay ventifacts), 3rd Paul Breakwell (Moeraki seam agate)

September 2019 Club Show Raffles: by Val Lear

I would like to acknowledge the generosity of CMLC members who donated prizes for the raffles, the quiz and the polished stones for the children's rock, mineral and fossil identification activity. We were also supported generously by Derryn and Glen - "the Crystal People" on Main North Road as well as Craig and Andrew - "Hetties Rock and Crystal Shops". As always there was excitement in the chase for a prize and it makes a great fundraiser.

This year the winners were:

Robin Hall – Large Sahara Desert Quartz Geode

Braden – Polished Agate Creek Agate

Tom – Mineral and Gemstone book

Sorry did not record the name only phone number... Box of small polished agates

Mike Adams – Polished Woolshed Creek Agate

Asher – Polished Moss Agate

Brenda – Mahogany Obsidian

Sorry did not record the name only phone number – 4 Agates

Kim Annan – Polished Rhodonite Slice

Amy Iddles - Natrolite in Basalt

John Taylor - Polished Rangitata Moss Agate

Sorry did not record the name only phone number... also Large Sahara Desert Quartz Geode

Robin Hall - Amethyst Crystal from Bolivia

Bob Hurst – Assorted coloured stones

Brenda – Rhyolite

Rebecca – Jar of Birdlings Flat agates

Congratulations to you all.

New Members: Please make yourself known to and welcome Jamie Beagle and Lewis Hall.

Facebook: Our club has a Facebook page. Go into your Facebook account and search for Canterbury Mineral and Lapidary Club. This page will be used for important announcements and advertising. We advertised our show from this site and the advert reached over 5 thousand people. On querying people who came to the show, at least 80% had seen it on Facebook, and the rest had seen it in the Coffee News or the Star. Facebook is certainly the way to go for advertising to the largest audience.

Our Display Case: If you look inside our club display case, you will see several new additions. There is now a collection of badges on display. These were collected over many years in the days that clubs had badges by Doreen Tyree. A replica of the Hand of Faith is now in the display case. This is on loan from Deryn Tregurtha and a large ancient fossil is on loan from Glen Tregurtha. Thank you these 2 people from “The Crystal People”.

Our National Show. As I have mentioned, the Competition Schedule is now available. There are 2 things everyone can do from now:

1. Save all your unwanted stone so that we can again have a fossicking trailer at the show. This is always popular with the public.
2. Note where large fence signs can be installed. These are expensive, so we need to have locations that will be easily seen by the public. Please note where you see them on fences etc, and note if there could be a possibility of our putting one there as time for the show approaches.
3. At the Dunedin National Show, a flyer will be handed out asking sellers to show an expression of interest in attending our show. Also asking for those who can come and put up a display at our show. We could have a public voting competition for most interesting display.

So, you see, there are things that can be done even at this early stage.

Wind will determine fate of North Island cities in massive Central Plateau eruption

It's not just Central Plateau residents that need to watch out if volcanoes in the area explode.

Scientists have now calculated just where clouds of ash might fall and which areas to evacuate first - from Wellington to Auckland.

Re-living Taupō's large volcanic eruption some 25,000 years ago isn't something anyone across New Zealand likes to think about.

It was an explosion so big, it left a giant hole in the earth's crust.

Lake Taupō now sits in that hole.

The Earthquake Commission's (EQC) research team has now developed ways of calculating where ash is likely to fall in an eruption, and its thickness, in areas across the country.

In a typical westerly wind, Napier residents could expect see ash falling in three hours - with tiny particles of glass and crystals from exploded magma in it.

Victoria University of Wellington research team leader, Dr Simon Barker,

said the research focused on ash dispersal on medium to long distances and modelled for many different eruption sizes.

"We created scenarios based on different eruption sizes, spanning several orders of magnitude in volume, added in the weather data, and ran each scenario 1000 times [at random dates, over 50 years] to see where the ash would fall, and how thick the resulting deposits will be," Barker said.

Areas the team looked at included Auckland, Hamilton, Tauranga, Napier, New Plymouth and Wellington.

"It's hard to get proximal locations, the risks vary hugely... weather conditions and wind direction determines the direction of the ash fall," Barker said.

"A westerly will blow the ash over Hawke's Bay and out to sea, and a southerly will blow it up towards Auckland."

Another factor was the shape of the volcanic ash cloud.

It could be a weaker "bent" cloud, like the one Mt Ruapehu produced during the 1995 eruption, or it could be a massive umbrella cloud blasted more than 20km into the stratosphere.

Researchers included wind at different altitudes in their calculations.

"By adding in the interaction with the weather systems, we can also work out how long it will take for the ash to start falling in different locations.

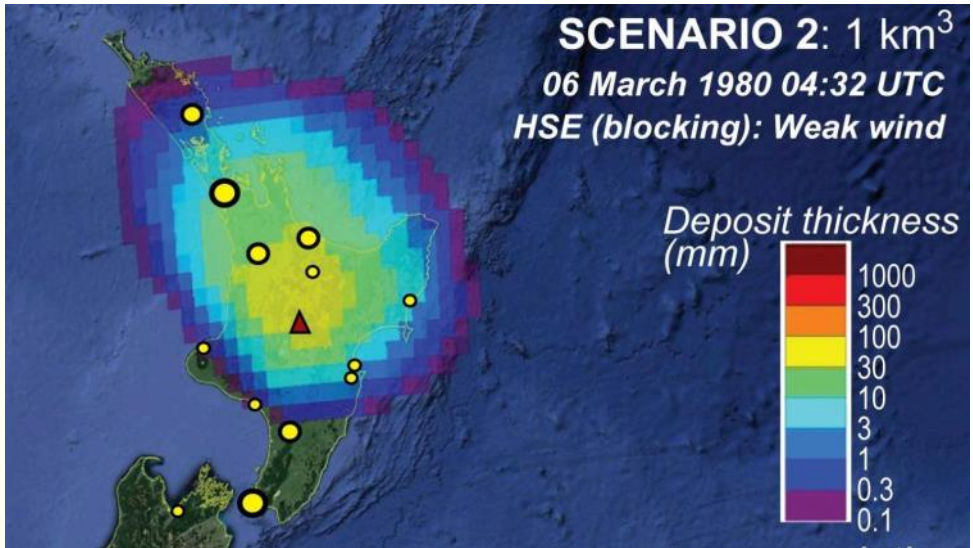
"This kind of information can help emergency managers work out which areas need immediate evacuation."

For example after a large Taupō explosion, in the most common westerly weather pattern, it would take about three hours for the ash to reach Napier, Barker said.



"The nicest weather for New Zealand is the worst weather for an eruption. Strong wind pushes ash offshore, which is good, just not for Napier. "Light wind causes ash to fall over land," Barker said.

Stuff: CHLOE BLOMMERDE 19:34, Aug 16 2018



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**

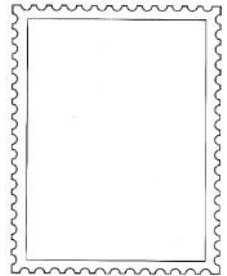
Owners: Vince & Colleen Burke

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»