

WESTMORLAND GEOLOGICAL SOCIETY

E-MAIL NEWSLETTER No. 77 – January 2023

January Lecture

The arrangements for the January lecture have been changed.

The lecture by Prof Joe Cartwright will now be on Zoom at 19.30 on Wednesday 1st February.

The title of his talk is:

'Emplacement of the Mull Dyke Swarm: from the bog to the sea' and a poster is attached. A poster giving more details is attached.

Down to Earth

The January edition of Down to Earth Extra accompanies this Newsletter.

50th Anniversary Dinner

There has been an encouraging response to the news that we are planning to hold a dinner to celebrate the Society's 50th anniversary but we would like to see more members committing themselves to make this a truly memorable occasion. Please reply to this email to indicate your interest.

The dinner will be held in the Function Room at Carus Green Golf Club, Burneside Road, Kendal, on Friday 21st April 2023 at 7 for 7.30pm.

Several of the Society's past Presidents, and our current President, Hugh Tuffen, have indicated that they will be attending the dinner.

The cost will be £35 per head, for a three-course meal, followed by tea and coffee. Nearer the time, we will ask you to make a choice from 3 options for starters, main course and dessert. The bar will be open.

You can reserve your places with a deposit of £10 per person – just reply to this e-mail and details of to pay will be sent to you. The date for final payments and meal choices is 31st March.

If you have problems getting to or from the venue, we will try to arrange car share/lifts. Please let us know.

Open University Geological Society Lectures

The North West Group of the OUGS has decided to enable access to its Zoom lectures. January's talk will be by the Director of the BGS, Dr Karen Hanghoj. A poster giving details of the next two talks accompanies this Newsletter.

To register for these talks and obtain log on details contact Chris Arkwright at chrisarkwright1@gmail.com

Cumberland Geological Society

Our friends in the north of the county have invited us to a Zoom lecture on the Borrowdale Volcanics on 11th January. A poster with more information accompanies this Newsletter and log on details are on a separate attachment

Tuesday Tutorials

As Audrey is unable to lead the tutorial on 24th January. Brian will be discussing Ice Ages instead. We will be tackling the BGS Jigsaw in February.

Peter Lincoln

Congratulations to Peter who has been awarded a PhD by the University of East Anglia for his thesis on William Buckland.

Links

Here a few links to things to read or watch on these dull, short days:-

1. How does [coal](#) form?
2. 10 [Books](#) about Rocks, Minerals, Gems, and Crystals
3. Are all [rocks](#) on Earth the same age?
4. The [Contribution](#) of Living Organisms to Rock Weathering
5. Important new [article](#) on British glaciation
6. [Glaciers](#) have existed on Earth for at least 60 million years—far longer than previously thought
7. The [Tamins](#) rock avalanche (eastern Switzerland): timing and emplacement processes

Plate tectonics and volcanics

1. Earth's [North Magnetic Pole](#) Is Heading Towards Siberia – And Now We Know Why
2. A [new ocean](#) is forming in Africa & may cause continental split
3. A [Tool](#) for Comparing the Size of Volcanic Eruptions
4. What are [mud](#) volcanoes?
5. [Stromboli's](#) 'rejuvenation' heralds era of more variable volcanic eruptions
6. This [drone](#) sniffs volcanic gas to predict eruptions
7. [Satellites](#) observe highest volcano plume ever
8. [Tonga](#) volcano eruption continues to astonish
9. Earth's Missing [Continent](#) That Took 375 Years to Find
10. [Lava Boat](#) Spotted In Hawaii's Mauna Loa Eruption
11. Native [Hawaiians](#) believe volcanoes are alive and should be treated like people, with distinct rights and responsibilities,

Changes to Programme

Changes to the published programme are sometimes unavoidable, often at the last minute, so please check the Society's website before setting off to attend any event.

