



14th May 2023

LGS Newsletter 164.13

Liverpool Geological Society events

Field excursion: Great Orme, Llandudno

Title: Llandudno Limestones: a deep-time story of sea-level and climate change

Field Excursion Leader: Pete Burgess

Date: Sunday 28th May 2023

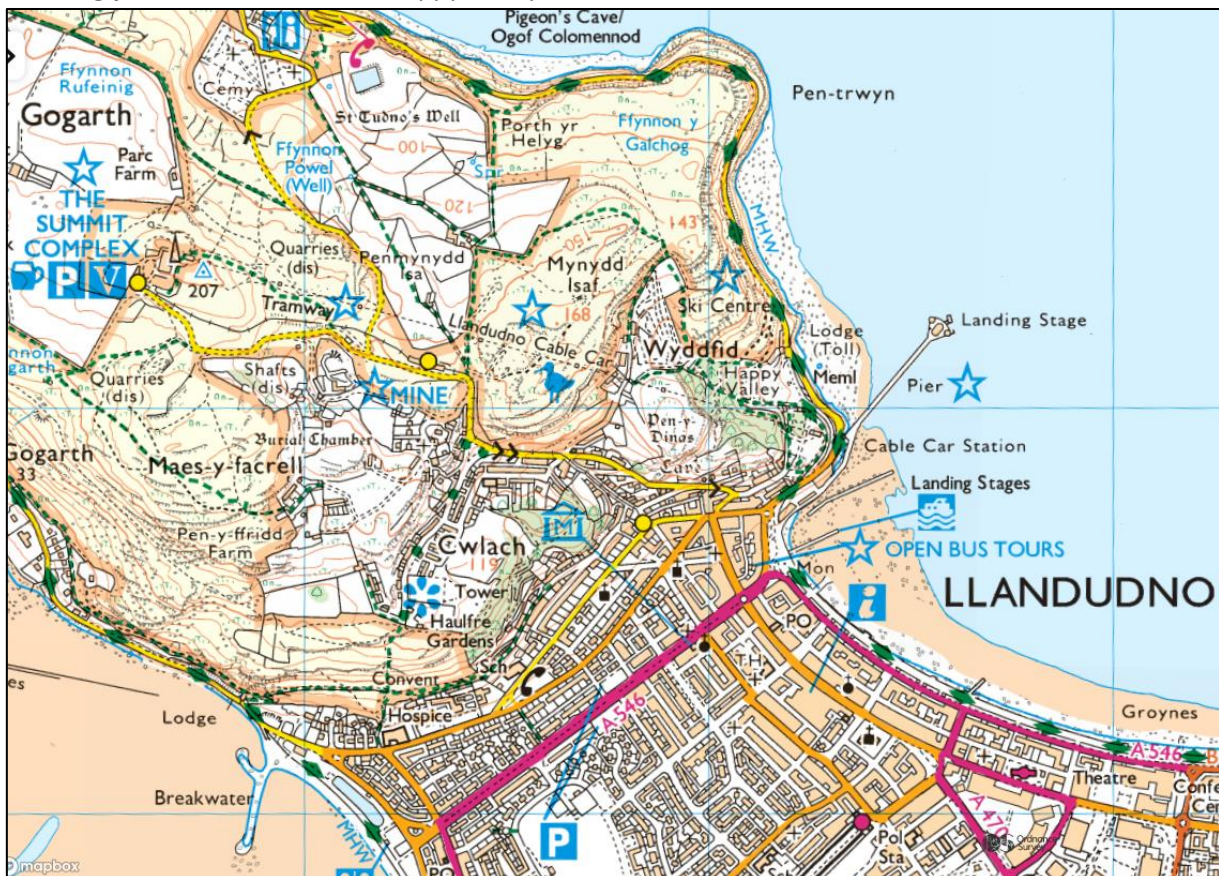
Start time: 10.00 am.

Approximate finishing time: 3.00 pm.

Approximate walking distance: 5 km.

Terrain: The walk starts on the beach under the pier. The rest of the route is mostly on pavement, but there is quite a steep climb up the Great Orme.

Meeting place: Llandudno Pier, Happy Valley Road, Llandudno [SH783829].



Parking (for those travelling by car): Either along Happy Valley Road by the pier, but this might be full, in which case two larger car parks on the A546 (along Gloaddaeth Avenue) [SH777822].

Nearest station (for those travelling by train): Llandudno railway station, which is about 1 km from the meeting place at Llandudno Pier.

Clothing and equipment needed: Good shoes or preferably walking boots, clothes suitable for the forecast weather e.g. warm and waterproof, sun-proof etc. Hard hat required for two locations if you wish to get close to the cliff face. Drinking water. Sunscreen if it is hot. We will stop at the café on top of the Great Orme for refreshments but bring a packed lunch if preferred

Aim(s) of the visit: We will visit four main outcrop locations to observe various features of the Carboniferous Limestone and discuss what they tell us about faults, diagenesis, sea-level change and the changing climate in the UK and globally around 340 million years ago.

If you wish to reserve a place on this excursion, please contact Maggie Williams by mobile 07784 720 551, or email lgsecretary19@gmail.com

Field excursion: Urban Geology Trails at the University of Liverpool

Title: Rock Around Campus 2

Field Excursion Leaders: Hazel Clark, Maggie Williams, and Peter Williams

Date: Saturday 3rd June 2023

Start time: 10.30 am.

Approximate finishing time: 12.30 pm.

Approximate walking distance: 1km.

Terrain: Paved areas in pedestrianised areas of the campus.

Meeting place: Meet at 10.30am outside the Victoria Gallery & Museum (VGM), University of Liverpool, Liverpool L69 3DR. The VGM is at the junction of Brownlow Hill and Ashton Street. For information about the VGM visit: <http://vgm.liverpool.ac.uk/>

If you arrive early, the VGM is open from 10.00 am. Entry to the VGM is free. Toilets and tea & coffee facilities are available in the VGM café if required.

Parking (for those travelling by car): The nearest visitors' car parks on the campus are in Mount Pleasant and in Brownlow Street. Information about these car parks is at:

<https://www.liverpool.ac.uk/files/docs/maps/liverpool-university-campus-map.pdf>

There is also a multi-storey car park run by Liverpool City Council at 38 Mount Pleasant.

Nearest station (for those travelling by train): Central Station.

Clothing & equipment needed: You need to wear normal walking clothes and sturdy walking boots or shoes. You are advised to bring waterproofs. You may find it useful to bring a hand lens.

Aim(s) of the day:

The aim is to investigate the rocks and manufactured materials used in the buildings and paving around the campus of the University of Liverpool.

Notes:

1. You will follow the trails outlined in two of the leaflets in the series called "Rock Around Campus".

Leaflets include a map showing the names of buildings, a glossary of terms and a geological time chart.

Although this event is a follow up of 'Rock Around Campus 1', which was organised in October 2019, we will be exploring different parts of the campus on this excursion. Each trail should take you about an hour to complete and you may need to get close to the buildings so that you can see finer details.

2. If members wish to try another self-guided trail in the afternoon, there'll be a lunch stop at 12.30. You can either bring your own packed lunch or eat at the VGM.

If you wish to reserve a place on this excursion, please contact Maggie Williams by mobile 07784 720 551, or email lgsecretary19@gmail.com

Down to Earth Magazine (DTE)

Electronic copies of this publication are available, which we have permission to email to LGS members. If you would like pdf copies of DTE Extra (April 2023) and DTE Extra (May 2023), please email Maggie Williams (Secretary) at lgssecretary19@gmail.com and they will be sent to you.

Geologists' Association (Geology From Your Sofa)

The May edition was adopted by Harrow & Hillingdon Geological Society (founded in 1973) on the theme: Investigating Quaternary Landscapes. Harrow and Hillingdon are two London boroughs situated in the London Basin, close to the Chilterns. While glaciation in the form of ice sheets never reached our area, the local geology has been sculpted by Ice Age meltwaters and periglacial activity. We are left with a very complicated series of gravels across the region which have been exploited since Paleolithic times. As a result of natural events and human activity, few original deposits remain.

Join Harrow & Hillingdon Geological Society on its quest to understand our Quaternary Landscape - from the comfort of your own sofa! For further details visit: <https://geologistsassociation.org.uk/sofageology/>