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Cc:
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LIVERPOOL GEOLOGICAL SOCIETY NEWSLETTER

31/05/2017

TWO EXCURSIONS ON THE WEEKEND OF 10th & 11th JUNE 2017.

You need to contact John Iley to book a place:
wjohn.iley@gmail.com

Itinerary for the Excursion to the National Stone Centre (NSC) at Wirksworth on Saturday 10th June 2017

This is a 50 acre SSSI (Special Site of Scientific Interest) on the High Peak Trail in SE Derbyshire and is renowned for its geological features. We will participate in guided Geo walks through old quarries and mining areas to look at the local geology which includes ancient reefs with fossil beds containing crinoids and brachiopods. In addition, a walk up to Black Rocks affords spectacular views and a chance to look at a weathered outcrop of Ashover Grit.

The Millenium Wall and Building Britain Exhibition will also be seen and we will learn how rock and stone are extracted and used in construction and their importance to our everyday lives.

The day also serves as an introduction to a more detailed look at the Carboniferous geology of SE Derbyshire on the next day, with Catherine Breislin.

- The NSC is on the B5035 Cromfort to Carsington Road. Address: Porter Lane, Wirksworth, Derbyshire, DE4 4LS. Grid Ref (SK287552)
- Car Parking by Donation (£1.50 suggested)
- Meet in Reception at 11.00 am
- Lunch in the Gastro Pod Café or bring own packed lunch
- Finish about 4.00 pm

Health and Safety

- Risks include old quarry faces and uneven terrain, hence hard hats and strong walking boots are required.
- As this is a SSSI, hammering and fossil collecting is forbidden

To book a place for this excursion, please email John Iley (LGS Excursion Secretary). Email address: wjohn.iley@gmail.com

Itinerary for the Excursion to SE Derbyshire (High Peak Trail) on Sunday 11th June 2017 with Cat Breislin

Catherine Breislin is a PhD student (Basins Research Group) in the School of Earth, Atmospheric and Environmental Sciences at Manchester University. As our guest for the day, Cat will take us to the following three outcrops on the High Peak Trail to look at Derbyshire Carbonate Platform margin facies and the structural evolution of the platform.

Redhill Quarry: Asbian-Brigantian boundary (karstic surface) within lagoonal limestones.

Harborough Rocks: Dolomitised platform margin. Sedimentary structures (slumps, cross bedding, bioturbation, hummocky cross-stratification) still visible despite pervasive dolomitisation. Also, Asbian-Brigantian boundary

Brassington Quarry: Fault controlled dolomitisation, Mineralisation and Structural evolution of the Derbyshire Platform

- We will meet at 10.00 am in the Middleton Top car park, grid ref (SK275552). This is a pay and display car park (£4.40 all day). Toilet and refreshment facilities are available at Middleton Top.
- We will walk around 6 miles (easy walking) from Middleton Top car park towards Brassington and back
- A packed lunch will be required, as we will be eating at an outcrop.
- Finish about 4.00 pm

Health and Safety

- Some of the outcrop faces are over 10ft tall and we will be walking a short section along a road, hence high vis waistcoats and hard hats are required. Walking boots recommended.

To book a place on this excursion please email John Iley (LGS Excursion Secretary). Email address: wjohn.iley@gmail.com

Member's Evening 2017

There will be a 'Members' Evening' provisional date: Nov 7th 2017.

This evening is your chance to have your "Five (or ten) minutes of fame" and give a short presentation or talk about a geological topic to other LGS members.

If you're stuck for ideas, why not share one of the following:

- details of the most exciting geology field excursion you've undertaken (or would like to do);
- information about a new field guide book, geology book or map you've read or used;
- photographs of geological features you've seen on your holiday, on a recent LGS field excursion (or found in your back garden);
- unusual geological specimens you've found or seen (if they are not too big or heavy, you could bring these along to show/ amaze members);
- an outline of the best geological exhibit you've seen?

If you would like to offer a talk or presentation, please let Chris Hunt know by emailing: scfo@liv.ac.uk

Other Field Meetings:

3 Halkyn Mountain with Ray Humphreys, Sun. 23rd July.

4. Alderley edge geology and mine tour, date to be confirmed.

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