



**Circular 408
June 2014**

Registered Charity No: 503617

President: Brian Jones

www.emgs.org.uk

SUMMER 2014
FIELD PROGRAMME

Sunday, 6th July - 10.30 am

Day trip to the Bonsall Area
Leader: Colin Bagshaw

Wednesday, 16th July – 2.00 pm

Afternoon trip to Dorket Head brickworks and quarry
Leader: Keith Ambrose

“STOP PRESS”

Monday, 21st July - 4.00 pm

Professor Barry Azzopardi's Volcano

Saturday 6th/Sunday 7th September

Weekend Trip to the Yorkshire Dales near Ingleton
Leader: Tony Waltham

UNFORTUNATELY, DUE TO UNFORESEEN CIRCUMSTANCES, THIS TRIP HAS HAD TO BE CANCELLED. We hope to reschedule for next year.

Sunday, 28th September

Day excursion around Nottingham
Leaders: Keith Ambrose and Oliver Wakefield

Insurance and Safety

Members are reminded that the Society has only public liability insurance and that personal accident insurance is a matter for individual members to arrange as they consider necessary. Up to date hard hats are obligatory for all field excursions involving quarries or cliff faces and strongly recommended for all trips. High visibility clothing is sometimes required in working quarries. High visibility tabards can be obtained from GA Enterprises, 126 Fleetside, W. Molesey, Surrey KT8 2NQ at £4.70 incl. pp. Members without suitable hard hats may be refused access to certain sites! Hard hats can be obtained from many Builders' Merchants, Wickes, B&Q Warehouse etc. for about £4.

Any non-members attending field excursions will have to pay a temporary membership fee of £2.00 and all participants are reminded that they must comply with any instructions from excursion leaders or, for example, quarry managers or their employees on Health & Safety issues.

Sunday, 6th July - Day trip to the Bonsall area

Leader: Colin Bagshaw

Meeting time: 10.30 am

Meeting place: Meet at the lane immediately above Bonsall church (Grid Ref: SK280583).

The Bonsall area offers a wonderful opportunity to examine any of the aspects of the geology of the Lower Carboniferous strata in Derbyshire. On this visit we will be able to inspect features of the limestones and volcanic rocks, the hydrothermal mineral veins and quite possibly the recent formation of tufa deposits. Although a pub stop is possible, participants might wish to take a packed lunch as an alternative.

Wednesday, 16th July - Afternoon field trip to Dorkett Head Brickworks & quarry

Leader: Keith Ambrose

Meeting time: 2.00 pm

Meeting place: Meet at the Brickworks which is on Calverton Road, Arnold at the junction with Woodborough Road.

Please wear stout boots, helmets and if available high visibility jackets (the company can provide helmets and jackets for those who do not have them).

The first part of the afternoon will be spent visiting the Ibstock Brickworks where we will be able to see the processes involved in the making of bricks. In the visit to the Quarry we will be looking at the Gunthorpe Member (formerly the Gunthorpe Formation in the Nottingham map and Memoir) of the Sidmouth Mudstone Formation, Mercia Mudstone Group. This is a sequence of red-brown, generally blocky and structureless, gypsiferous mudstones and siltstones, with some thin horizons of laminated mudstone and common thin beds of greenish grey siltstone and fine grained sandstone. Within the latter we hope to see a variety of sedimentary structures, including ripple marks, cross lamination, convolute bedding, salt pseudomorphs and mud cracks.

Monday, 21st July - Professor Barry Azzopardi's Volcano

Meeting time: 4.00 pm.

Meeting Place: Outside the Coates Building on the University of Nottingham campus. The building is situated on the right hand side of the road leading into the campus from Clifton Boulevard. There are parking spaces available nearby on the other side of the road but each car will need a parking ticket. Ian Sutton will collect sufficient tickets for each car and will bring these down to the Coates Building at 4.00pm so please await his arrival.

Following the most interesting lecture Professor Azzopardi gave to the Society many of you registered an interest in visiting Barry's volcano at the University. This had to be postponed due to technical problems but we are delighted that he has just contacted us to say that the visit can now take place and he has given us the above date. **There is a very strict limit on numbers for the event so if you wish to attend please register your interest with Ian Sutton as soon as possible. If the allowed number of attendees is exceeded Ian will let you know, so please do not attempt to attend if you have not booked to do so.**

Sunday, 28th September – Day excursion to the geology of the local Nottingham area

Leaders: Keith Ambrose and Oliver Wakefield

Meeting time: 11.15 am

Meeting place: In the car park at the end of Holgate in Clifton Village (Grid Ref: SK539 348) (follow Village Road round and its run into Holgate).

You are advised to bring a picnic lunch.

During the day we will be examining the sequence of Permo-Triassic rocks in and around Nottingham. In Clifton we will examine the Gunthorpe and Cotgrave Members of the Sidmouth Mudstone Formation which are sequences of predominantly laminated mudstones with some structureless mudstone, beds of greenish grey siltstone and good gypsum veins. We then proceed to the University of Nottingham where we will visit exposures of the Chester Formation (formerly Nottingham Castle Sandstone Formation) of the Sherwood Sandstone Group, Tarporley Siltstone (formerly Sneinton Formation) of the Mercia Mudstone Group and the Lenton Sandstone Formation. We will then proceed to Park Tunnel to look at probably the best exposure of the Chester Formation in the city. If time is available there are other possibilities within the city centre area including Castle Rock.

AUTUMN/WINTER 2014 **LECTURE PROGRAMME**

Saturday, 11th October 2014 – 6.00 pm
Dr John Bridges – The Geology of Mars

Saturday, 15th November 2014 – 6.00 pm
Dr Kristin Lemon – Geodiversity

Saturday, 6th December 2014 – 6.00 pm
Members evening followed by Cheese & Wine

Saturday, 17th January 2015 – 6.00 pm
Dr Philip Wilby – Charnwood

Saturday, 14th February 2015 – 6.00 pm
Dr Hugh Torrens – Celebrating the Bicentenary of William Smith – followed by the Society's Annual Dinner

Saturday, 21st March 2015 – 6.00 pm
Ekbal Hussain – The North Anatolian Fault – followed by the AGM

Saturday, 18th April 2015 – 4.30 pm
Phil Harding – Confessions of a Flint Napper

LECTURE VENUE

Indoor meetings will take place in lecture theatre B3 of the Biology building at the University of Nottingham. If you require to use the lift to B3, please speak to the security attendant who will assist you. B3 is equipped with induction loop hearing assistance. If you are attending meetings or joining a coach at the University of Nottingham, enter from the South Entrance on University Boulevard. Cars should be parked in the car park on the bend in the road just beyond the security point after Science Road. The entrance to the Biology building is at the right hand side of the rear of this car park.

SUBSCRIPTIONS

Were due on 1st February.

Subscription rates remain unchanged and are as follows:

Ordinary members - £18.00

Joint members - £22.00

Please send you subscriptions to the Treasurer as soon as possible and if you pay by standing order please ensure this is for the correct amount.

New Members

Richard Mabe, Woodthorpe, Nottingham

Society Publications

- (1) **Leicester Building Stones Guide;**
- (2) **East Midlands Field Guide;**
- (3) **Sandstone Caves of Nottingham (3rd edition)**

Copies available by contacting the Secretary or at Indoor Meetings.

Information for Other Societies

We hold information of lectures and field meetings for other local societies such as the NSSGA, Black Country Geological Society and Leicester Lit & Phil Society. If you would like details of any of these, please contact the Secretary.

EMGS Website

The publications page on the Society website (www.emgs.org.uk) has been tidied up and updated. It now includes links to two archives:

One is the archive of the early Mercian Geologists where scanned copies of complete issues are being diligently prepared thanks to the hard work of David Bate. This is still being added to (with successive volumes) and will eventually reach volume 12 for 1991.

The other is the archive of papers and reports in the more recent issues. These will go onto the webpage two years after they appear in the paper issues of the Mercian. Currently only the 2009 material is online, but files will be extracted and posted, working backwards as far as 1992, and this takes time. Files for 2010 onwards are already prepared and will go online on their second birthday.

e-mail addresses

To minimise postal costs and photocopying charges which amount to approximately £4.00 each year for every member who still receives their Circular by post, we would very much like to send you your Circular by e-mail. If you have not already done so, please send your e-mail address to the Circular Editor, sue.miles@freethcartwright.co.uk.

Please can you also confirm your name and address when sending your e-mail so we can correlate these details with our membership listing.

The next Circular will be published in late August/early September 2014.

The next Council Meeting will be held on 9th July 2014.

Secretary: Mrs Janet Slatter, 100 Main Street, Long Whatton, Loughborough, Leicestershire LE12 5DG e-mail: janet.slatter@btinternet.com . tel. no. 01509 843297.

Treasurer: Mr Colin Bagshaw, 150 Scalpcliffe Road, Burton-on-Trent, Staffordshire DE15 9AD, e-mail: Colin.bagshaw@yahoo.co.uk tel. no. 01283 564520

EAST MIDLANDS GEOLOGICAL SOCIETY

BOOKING FORM - FIELD EXCURSIONS 2014

Please book me/us for the following excursions:

Sunday, 6 th July	Day Excursion – Bonsall Area
Wednesday, 16 th July	Afternoon Excursion – Dorket Head brickworks and quarry
Monday, 21 st July	Professor Barry Azzopardi's Volcano
Sunday, 28 th September	Day Excursion - Nottingham

Please delete those you will NOT be attending)

Name(s):

Address:

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Tel:

e-mail address:

I/we do/do not have a car available.
I/we would be prepared to offer transport.

Please send completed booking forms to the Field Secretary,
Ian Sutton, at 30 Alford Road, West Bridgford, Nottingham NG2 6GJ
Tel. No: 0115 923 2360 e-mail – ian.sutton035@btinternet.com
