



**Circular 402  
August 2013**

Registered Charity No: 503617

President: Brian Jones

[www.emgs.org.uk](http://www.emgs.org.uk)

## **SUMMER 2013** **FIELD PROGRAMME**

**Saturday, 10<sup>th</sup> August 2013**

**Monsal Dale**

**Leader: Peter Gutteridge**

**Saturday 31<sup>st</sup> August and Sunday, 1<sup>st</sup> September 2013 – Weekend Outing**

***PLEASE NOTE CHANGE OF DATES***

**Weardale and Teesdale**

**Leader: Ian Sutton**

**Sunday, 29<sup>th</sup> September 2013**

**Lincolnshire Wolds**

**Leader: David Robinson**

### **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.

## **Saturday, 10<sup>th</sup> August 2013 - Day trip to the Monsal Dale area**

**Meeting Time: 10.00 am**

**Meeting Place: Monsal Head Car Park (SK 138733)**

We will be looking at the initiation and sedimentation in an intrashelf basin within the Derbyshire carbonate platform. Thanks to the refurbishment of the tunnels along the Monsal Trail through Millers and Monsal Dale, we will be able to examine some new and cleaned up exposures along the former Buxton to Bakewell railway line. In particular, now that the Headstone Tunnel underneath Monsal Head is opened and the section immediately to the east of Monsal Head has been made safe and cleaned up, it will be possible to complete the story showing the transition from carbonate deposition during the Dinantian to clastic deposition during the Namurian.

**Please bring a packed lunch with you.**

## **Saturday, 31<sup>st</sup> August and Sunday, 1<sup>st</sup> September – Weekend Outing to Weardale and Teesdale**

**Meeting Time: 10.30 am**

**Meeting Place: Bowlees Nature Reserve Car Park**

**Meet in the Bowlees Nature reserve Car Park just off the B6277 road in Teesdale ( NY 908282 ) at 10.30 am. (Journey time from the Nottingham area about 2 ½ hours.)**

Weardale and Teesdale are situated in the Alston Block of the North Pennines. This is an area of outstanding beauty and has a rich geology. During the weekend we will be able to investigate some of the varied Carboniferous succession, some of which is highly fossiliferous and visit a number of sites which reflect the classic mineralisation with its mining history. Additionally we will be able to recognise the influence of the Great Whin Sill on the geology. Ample time will be allowed to collect specimens.

**Bring good walking shoes, waterproofs and hard hats.**

Most of Saturday, 31<sup>st</sup> August, will be spent in the Teesdale area and on Sunday, 1<sup>st</sup> September, in Weardale. We will finish the weekend at about 4pm on Sunday.

## **Sunday, 29<sup>th</sup> September – Day excursion to the Lincolnshire Wolds**

**Meeting Time: 10.15 am**

**Meeting Place: Horncastle Market Place**

The day trip to the Wolds will take us to an area not only dominated by the Chalk but also of much interest from the Lower Cretaceous and uppermost Jurassic rocks of the inner escarpments in the river valleys within the Wolds. Additionally the influence of the Pleistocene glaciation and the geomorphological features that have resulted, together with post glacial features, will be revealed by our leader who has a lifetime of interest and study of the area.

## **AUTUMN/WINTER 2013** **LECTURE PROGRAMME**

**Saturday, 12<sup>th</sup> October 2013 – 6.00 pm**

### **The Geology and Palaeontology of the Black Country in the late Silurian Period**

**Speaker: Graham Worton**

**Saturday, 9<sup>th</sup> November 2013 – 6.00 pm**

### **The Geology of Svalbard and Jan Mayen**

**Speaker: James Creswell**

**Saturday, 7<sup>th</sup> December 2013 – 6.00 pm**

***To be followed by the Christmas Buffet – please remember to bring a glass!***

### **Landslides**

**Speakers: Helen Reeves and Claire Dashwood**

## **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.

**Saturday, 12<sup>th</sup> October 2013 – 6.00 pm**

### **The Geology and Palaeontology of the Black Country in the late Silurian Period**

This richly illustrated talk will look at the geology and tectonic setting of this classic area of British geology during the middle to late Silurian Period when the area lay in a shallow coastal margin ocean setting in the closing Iapetus Ocean arm. The stratigraphy, exceptional palaeontology and micropalaeontology and volcanology of this margin will be described. Plans for geotourism and Earth Science education will be explained and future aspirations for establishing the area as a Global Geopark will be described.

**Saturday, 9<sup>th</sup> November 2013 – 6.00 pm**

### **The Geology of Svalbard and Jan Mayen**

Svalbard and Jan Mayen are both Arctic territories and are administered by Norway. However they are geologically very different. Jan Mayen is the world's most northerly active volcano and lies on the Mid Atlantic ridge 370 miles north of Iceland. It is in fact the northern tip of its own micro continent which was once attached to Greenland but is now on the European plate. Svalbard in contrast is an archipelago of islands on the European plate half way between the top of Norway

and the North Pole. Svalbard is a real Mecca for geologists. It shares many of the same geological stories as the UK and like the UK it has rocks that represent most periods of earth history. However unlike the UK there is much more rock exposure; this is due to the sparse vegetation cover, so the geology is very spectacular and easy to see. Svalbard and Jan Mayen are also both heavily glaciated.

## **SUBSCRIPTION RATES FOR 2012/13**

### **Subscriptions are now due:**

**Please note** the subscription rates are now as follows:

Ordinary member - £18.00

Joint member - £22.00

*If you have not yet done so, please let the Treasurer have your subscription as soon as possible. If you pay by standing order please can you check the amount which was paid from your account as a number of payments at the old rate are still being received. If your subscription is one of those, please can you let the Treasurer have a cheque for the difference and ensure your standing order instruction is amended for next year.*

## **Other Local Events**

**The Royal Microscopical Society presents:**

**The birth of Applied Microscopy Meeting – 150 years on from Henry Clifton Sorby**

**18<sup>th</sup> and 19<sup>th</sup> September 2013**

**For more information please visit [www.rms.org.uk](http://www.rms.org.uk)**

## **Nottingham Geotours Programme for 2013**

22<sup>nd</sup> – 25<sup>th</sup> September – Mid-Wales based in Aberystwyth

21<sup>st</sup> – 28<sup>th</sup> November – Lanzarote and Fuerteventura

For further information, please contact **Ian Sutton** at 30 Alford Road, West Bridgford, Nottingham NG2 6GJ. Tel. No: 0115 923 2360. E-mail: [ian.sutton035@btinternet.com](mailto:ian.sutton035@btinternet.com)

## **Society Publications**

- (1) **Leicester Building Stones Guide;**
- (2) **East Midlands Field Guide;**
- (3) **Sandstone Caves of Nottingham** (new full colour 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](http://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](mailto: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 September 2013.**

**The next Council Meeting will be held on 27<sup>th</sup> August 2013.**

**Secretary:** Mrs Janet Slatter, 100 Main Street, Long Whatton, Loughborough, Leicestershire LE12 5DG e-mail: [janet.slatter@btinternet.com](mailto: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](mailto:Colin.bagshaw@yahoo.co.uk) tel. no. 01283 564520

# EAST MIDLANDS GEOLOGICAL SOCIETY

## BOOKING FORM - FIELD EXCURSIONS 2013

Please book me/us for the following excursions:

Saturday, 10<sup>th</sup> August

Day Excursion to Monsal Dale

Saturday, 31<sup>st</sup> August & Sunday,  
1<sup>st</sup> September

Weekend visit to Weardale & Teesdale

Sunday, 29<sup>th</sup> September

Day Excursion to the Lincolnshire Wolds

*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](mailto:ian.sutton035@btinternet.com)

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