



**Circular 401
April 2013**

Registered Charity No: 503617

President: Brian Jones

www.emgs.org.uk

SUMMER 2013 **FIELD PROGRAMME**

Sunday, 19th May – 10.30 a.m.

The Roaches

Leader: Albert Benghiat

Wednesday, 19th June – 6.30 pm

The Geology Walk at BGS

Leader: David Bate

Wednesday, 3rd July – 6.30 pm

Ticknall

Leader: Keith Ambrose

Sunday, 21st July – 10.00 am

Building Stones in Local Churches

Leader: Albert Horton

Saturday, 10th August

Monsal Dale

Leader: Peter Gutteridge

September (Date to be confirmed)

Lincolnshire Wolds

Leader: David Robinson

Saturday 12th & Sunday 13th October – Weekend Outing

Weardale and Teesdale

Leader: Ian Sutton

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, 19th May - Day Excursion to The Roaches

Meeting time: 10.30 am

Meeting place: Second layby on right past Roaches Tea Rooms.

The day will be spent investigating some first class sections in the Upper Carboniferous strata of the Roaches area. This is in the area of a very distinctive fold structure - the Goyt Syncline within largely Upper Namurian strata. In the morning there will be a 4 miles walk (approximately) over fairly rough and exposed terrain when we will be looking at aspects or deltaic sand formation.

Following a packed lunch the afternoon will be devoted to investigating sections in Coal Measure strata.

Getting to meeting place: Travelling north on the A53 (Leek to Buxton Road) turn left where signposted Upper Hulme. Continue following signs to the Roaches Tea Rooms, and proceed beyond the Tea Rooms to the second layby on the right. Park in layby on minor road. Grid reference: SK 0045 6210.

Wednesday, 19th June – The Geology Walk at BGS

Meeting time: 6.30 pm

Meeting place: In front of BGS Reception, Nicker Hill, Keyworth, Nottingham NG12 5GG. Enter via main gate security, using the BGS car park.

The walk will provide an opportunity to view the splendid new British Geological Survey main campus. As part of the rebuilding we have created a Geological Walk (opened May 2012) which presents the visitor with almost 3 billion years of earth history in a display of impressive specimens and natural stone paving all laid out in chronological order. If time and access restrictions permit, we may be able to visit other areas of the campus. The Geological Walk itself will last about one and a half hours.

For health and safety reasons, it would be useful to know the names of people attending. Could you please e-mail David Bate at dgba@bgs.ac.uk if you wish to go on this evening walk.

Wednesday, 3rd July – Ticknall

Meeting time: 6.30 pm

Meeting place: Car park in Ticknall village – map ref: SK 353240 – shown on OS sheet 128, Derby and Burton on Trent.

As well as looking at the local geology, we will delve into the rich industrial heritage of the area. Quarries have been in existence at Ticknall probably since Roman times, but known records date back to 1462. The quarries are in the uppermost part of the Ticknall Limestone Formation of the Peak Limestone Group, and show a sequence comprising limestones, dolostones and mudstones. Fossils within the sequence, notably the brachiopod *Gigantoproductus* indicate a Brigantian age and the overlying Millstone Grit Group crops out adjacent to the quarries. Originally there were a number of quarries each worked by different operators. In later times they were all owned by the Harper-Crewe family of Calke Abbey. The quarries were mainly worked for lime but other products included building stone, mortar, and 'marl' for spreading on the land. Production was at its height in the 17th and 18th centuries. In later years the best layers of stone were mined and we will see evidence of this. In 1802 a tramway was built to take the lime from the yards to the Ashby Canal, thereby increasing the potential market. The tramway also enabled the coal for firing the kilns to be brought in more easily from local coal mines. This same tramway also had a branch to the nearby limeyard at Dimminsdale, and to the brick and lime yards on the north side of the road. The bridge taking the tramway over the main road can still be seen. However, failure to modernize and the availability of cheaper lime in north Derbyshire spelt the end for the industry at Ticknall. The tramway closed in 1925 and the last kiln was fired in 1940.

You will have the chance to walk through the tunnel that took the tramway beneath the entrance road to Calke Abbey, **so bring a torch!**

Sunday, 21st July – Building Stones in Local Churches

Meeting time: 10.00 am

Meeting place: Wilford Church (NG11 7AJ) (SK 567368) is located on the river bank, left off the Main Street at the northern end of the village. Turn left at traffic light junction of Clifton Road and Wilford Road (both B679) with Ruddington Lane (B680).

Travel will be by shared cars organised from Wilford. Route plans will be provided to the churches at Edwalton, Plumtree, Stanton on the Wolds, Upper Broughton and Willoughby on the Wolds. A lunch time pub stop will be arranged.

This excursion provides an opportunity to study local rocks ranging in age from Permian to Pleistocene which are no longer exposed in local quarries. Older gravestones will be discussed.

EMGS Council

At the AGM on the 16th March 2013 the following members were elected to serve on Council for the coming year:

President - Brian Jones
Vice-President - Tim Colman
Secretary - Janet Slatter
Treasurer - Colin Bagshaw
Editor - Tony Waltham

Ordinary members of Council: Vanessa Banks, Albert Benghiat, Sue Cotton, Richard Hamblin, Sue Miles, Gerry Shaw, Ian Sutton, Geoff Warrington + there are two vacancies.

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

Wednesday, 15th May 2013 – Fourth Trent Valley GeoArchaeology Conference at British Geological Survey, Keyworth Notts.

The programme for the Conference together with booking form are attached. Further information can be obtained from www.tparchaeology.co.uk/tvg

Nottingham Geotours Programme for 2013

5th – 11th June – The Isle of Skye

22nd – 25th September – Mid-Wales based in Aberystwyth

21st – 28th 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

New Members

Michael Allen, Allestree, Derby

Mr Philip A Trett, Aspley, Nottingham

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) 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 June/July 2013.

The next Council Meeting will be held on 15th May 2013.

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 2013

Please book me/us for the following excursions:

Sunday, 19 th May	Day Excursion to The Roaches
Wednesday, 19 th June	Evening Walk – Geology Walk at BGS
Wednesday, 3 rd July	Evening Walk – Ticknall
Sunday, 21 st July	Day Excursion – Building Stones in local churches
Saturday, 10 th August	Day Excursion to Monsal Dale
September	Day Excursion to the Lincolnshire Wolds
Saturday 12 th & Sunday 13 th October	Weekend visit to Weardale & Teesdale

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
