

# Circular No 1013 September 2017

**SAFETY IS TAKEN VERY SERIOUSLY** should you be unsure about either the risks involved or your ability to participate safely, you must seek advice from the GA office before booking. Please make sure that you study any risk assessment or safety briefing and that you have all the safety equipment specified. You must declare, at the time of booking, any disabilities or medical conditions that may affect your ability to safely attend a field meeting. You may be asked to provide further information on any prescription drugs etc that you may use whilst attending a field meeting. In order to ensure the safety of all participants, the GA reserves the right to limit or refuse attendance at field meetings.

**EMERGENCY CONTACT** if you are lost or late for the start of a meeting, an emergency contact is available during UK field meetings by calling the GA mobile phone **07724 133290**. The mobile phone will only be switched on just before and during field meetings. For routine enquiries please call the GA office on the usual number.

**TRANSPORT** is normally via private car unless otherwise advertised. If you are a rail traveller, it may be possible for the GA office to arrange for another member to provide a lift or collect you from the nearest railway station. This service cannot be guaranteed, but please ask before booking. Please indicate when booking, if you are able to offer a lift.

**PUBLIC LIABILITY INSURANCE** for field meetings is provided but personal accident cover remains the responsibility of the participant. Further details are available on request from the GA office.

**TRAVEL REGULATIONS** are observed. The GA acts as a retail agent for ATOL holders in respect of air flights included in field meetings. All flights are ATOL protected by the Civil Aviation Authority. Field meetings of more than 24 hours duration or including accommodation are subject to the Package Travel Regulations 1992. The information provided does not constitute a brochure under these Regulations.

Geoff Swann arranges UK field meetings and Ian Sutton is responsible for overseas excursions. Website for further details

[www.geologistsassociation.org.uk/ukfield.html](http://www.geologistsassociation.org.uk/ukfield.html); [www.geologistsassociation.org.uk/overseasfield.html](http://www.geologistsassociation.org.uk/overseasfield.html)

**BOOKINGS AND PAYMENT:** These should be made through Sarah by email: [fieldmeetings@geologistsassociation.org.uk](mailto:fieldmeetings@geologistsassociation.org.uk) phone 020 7434 9298 or through the GA website. Please give an email and emergency contact number. Unless otherwise stated the cost is £5 per day for members. Locations and timings of field trips will be given nearer the time and once payment has been received. Field meetings are open to non-members but subject to a £5 surcharge on top of the normal administration fee. Cheques should be made out to Geologists' Association. Where places are limited, a system of first come, first served will operate so do book early. Some meetings may have restrictions on age (especially for under 16s) or be physically demanding. If you are uncertain, please ask.

## GA UK FIELD MEETINGS 2017

### GEOLOGY OF THE SOUTH DEVON COAST WEEKENDER

Leader: John Cope

Saturday 7 - Sunday 8 October

Centre Torquay or Paignton (full of hotels and B&Bs).

This fieldtrip is timed to follow the publication of the Association's guide to the Geology of South Devon (GA Guide 73, 2017).

The aim of the trip is to examine the Devonian succession in the Torbay area and its relationship to the Permo-Triassic cover which will also be seen farther to the east.

The Devonian rocks of south-west England are in marine facies and contrast greatly with the Old Red Sandstone facies present over more northerly areas of the UK; they are overlain unconformably by red-beds of Permian age that mark the beginnings of an era of desert conditions that persisted throughout the Permian and Triassic periods (an interval of close to 100 Ma) over the British area.

Saturday will be spent examining the Devonian succession in the Torquay and Paignton areas where slates and limestones in the Devonian have a rich fauna dominated in the latter by corals and stromatoporoids. The unconformity between the Devonian and Permian will also be seen.

On Sunday the succession of Permian and Triassic rocks, exposed in magnificent cliff sections farther to the east, will be examined. Rendezvous:

**Meet** Saturday 10.00 am at the eastern end of Meadfoot Beach (SX 935 633). Do not park in the expensive Pay-and-Display car-park there, as there should be free parking in small lay-bys on the north side of the road to the west of this point.

A packed lunch is recommended for the Saturday. The trip will end around 4.00 pm on the Sunday to allow far-travelled members to return home that day. **A helmet is essential but there is no need for a high-vis jacket.**

**Accommodation:** there is abundant accommodation available in the Torbay area (Torquay-Paignton) in all price ranges. As this will be out of season there should be a good choice geology: Marine Devonian, Variscan structures and post-Variscan cover.

**Cost and Booking:** Please register with Sarah. £15 per person.

### The Lost Gardens of Ediacara

Leader: Eddie Bailey

Postponed until 2018

### An afternoon visit to the 'Dinosaurs from China' exhibition in Nottingham

Leader : Mike Howgate Saturday

October 14

This will be an afternoon visit to the 'Dinosaurs from China' exhibition from a viewpoint sceptical of the Dinosaur-Bird link consensus which prevails within the palaeontological community and popular science journals.

As key specimens which are seen as backing the dino-bird link will be on display it will be an ideal opportunity to see the alleged proto-feathers on *Sinosauropteryx* and the supposed dinosaurian features of the 'four-winged flyer' *Microraptor gui* which are used to place it among Dromaeosaurids on dinosaur cladograms. Members will then have both sides of the debate as the exhibition will inevitably be skewed towards the dino-bird theory.

We will also look at the other less contentious exhibits which include the superb long-necked sauropod Mamenchisaurus.

**Cost:** £12 which will include the admission charge into the exhibition. **Deadline for booking October 6th**

## GA OVERSEAS FIELD MEETINGS 2017

### CHINA CENOZOIC EVOLUTION OF THE UPPER YELLOW RIVER AND ITS ENVIRONS

September 10 - 26

Led by David Bridgland

## OVERSEAS GA TRIPS FOR 2018

### Geological Highlights of Morocco

April 1 – 10 (note extra day)

Leaders Mohammed Segauoi (Morocco-Geo-Travel) and Professor Dave Martill (University of Portsmouth) Provisional Itinerary

April 1 Arrive in Marrakesh. Overnight at the Tulip Hotel

April 2 Drive to Alnif. This drive takes us over the Atlas Mountains (Col du Titchka), through Ourzazate and into the Jebel Sahro mountains. This is the edge of the Sahara. We go towards Zagora crossing the Col du Tizi Tiniffit, through the small town of Agdz and into the Draa Valley. We then turn east toward

Nkob and Tazzarine, reaching our hotel in the early evening. En route we will examine Precambrian stromatolites in the Jebel Sahro.

April 3 Alnif is the centre of trilobite collecting and preparation. Here is an excellent place to buy perfect examples of more than 50 species of trilobite. Some of the finest examples you will ever see and the most amazing preparation.

After looking at the fossil shops in Alnif, we will drive east and then detour towards Fezzou where we will examine strata (the Devonian Issoumour beds) that yield the trilobites. Many other fossils can be found there too, including crinoids and goniatites. We will spend the night at Merzouga next to the great sand dunes of Erg Chebbi

April 4 Drive south towards Taouz and on to the oasis of Begaa. Here we will examine the Early Cretaceous Kem Kem beds and visit the dinosaur mines. There is a good opportunity here to examine the Mesozoic- Palaeozoic unconformity and perhaps find a few dinosaur teeth. The fossil miners may well have some exciting discoveries to show us.

In the afternoon we will visit the famous vanadinite mine near Taouz where excellent mineral specimens can be found.

April 5 The famous Devonian Mud Mounds near Erfoud and the even better known orthocone limestones will be visited. Spectacular structures produced by hot underwater springs near a palaeofault are another feature for this day. An extremely fossiliferous area with spectacular scenery. Overnight in Erfoud

April 6 Drive from Erfoud to Amelagou stopping at Asifa to examine the Turonian ammonite, fish and reptile beds of the Akrabou Formation. Nodules with three dimensionally preserved ammonites and amazing fish. Also plesiosaurs and a small mososaur called Tethysaurus can be found quite easily here

April 7 Leisurely drive through the spectacular Todgha gorge. Overnight in the Dades valley.

April 8 Explore the Jurassic dinosaur footprints at Dades. Afternoon examining the stunning geology and scenery of the Valley of the Roses around Boutaghrar.

April 9 Return to Marrakesh the pretty way. Taking in more of the Valley of Roses and the Col du Tichka in the High Atlas. Overnight in Marrakesh

April 10 Transfer to Marrakesh Airport. End of tour.

Return Flights to and from Marrakesh are not included in the tour fee. You may book your own flights or we will be happy to arrange them for you. You must arrive

in Marrakesh on the evening of April 1 so that the group will leave Marrakesh early on April 2. The package we have arranged includes nine nights half board accommodation at good class hotels throughout the tour on a half board basis. Travel will be 4x4 vehicles. Your fee also includes leadership of the tour by Mohammed Segauoui and Dave Martill and a tour brochure. It is based on two people sharing twin or double rooms. A single supplement of £200 is available for a very limited number of rooms.

**Cost and Booking:** for the tour £880 (Single supplement £200). Please note these are provisional fees based on current exchange rates and may have to change with any variation of sterling rates. Booking form available on website or contact Sarah

### Geology of the Shetland Isles Geopark

June 5 – 12

**Leaders Allen Fraser and Robina Barton (both have played major roles in establishing the Shetland Geopark)**

Our first three days will be spent on the islands of Unst and Fetlar where we will examine aspects of the Shetland Ophiolite nappes. These will include depleted mantle and magma chamber rocks, inter-nappe sheared conglomerates and a later granite intrusion. We will also visit abandoned chromite quarries from the 19<sup>th</sup>. and 20<sup>th</sup>. centuries and a restored horse-driven ore crushing circle.

The remaining days will be spent on Mainland (Shetland's largest island). In the north we will see evidence of the Storegga Slide tsunami and visit the best exposure of the Great Glen Fault in Britain as well as quarries in the Northaven Plutonic Complex. A whole day will be devoted to exposures of a Devonian volcano in an Old Red Sandstone basin. Another day will be spent traversing the metamorphic and granitic rocks of Central Mainland. We will also investigate the metamorphic rocks and Devonian basin sediments of South Mainland. Here we will see Upper Dalradian phyllites, meta-volcanics, a massive sulphide deposit and Viking soapstone quarries. Sedimentary basin deposits include desert dune, alluvial fan, river and lake sediments with fish fossils. Generally there will be evidence of glacial activity and rapid sea level rise including St. Ninian's Isle sand tombolo.

Members of this field trip will need to make their own arrangements to get to Lerwick in Shetland for the start of the trip on June 5. You may wish to travel by overnight ferry in which case you will be met off the ferry on the morning of June 5. Those of you who decide to fly will need to arrive in Lerwick on June 4. We will be able to make arrangements for your overnight accommodation on the night of 4 June for which there will be an extra charge. The Trip will finish after breakfast on June 12.

**Cost and Booking:** Twin /Double £675 Single £785 These fees include 3 nights half board accommodation at the Saxa Vord resort at Haroldswick, Unst and four nights B&B accommodation at the Scalloway Hotel, 7 miles from Lerwick in Scalloway village. Also included are the services of Allen and Robina, transport by minibus, inter island ferry charges and entrance fees to Unst Heritage Centre.

Please note that the number of places for this trip is strictly limited, particularly single rooms in Mainland. Booking form available on website or contact Sarah

### GA LOCAL GROUPS (LG) & AFFILIATED SOCIETIES

#### Amateur Geological Society

<http://amgeosoc.wordpress.com>  
[starfields@tiscali.co.uk](mailto:starfields@tiscali.co.uk)

**September 12** The textures of peridotite rocks on sub-continental mantle origin – Dr Brian Tabor.

**October 10** Exceptional Cambrian Fossils, the flowering of early life, and world heritage in

Yunnan – Prof Derek Siveter.

**Nov 14** Connoisseurs of Minerals the Freeman and Simmons collections – Dr Monica Price.

**Nov 25** North London Mineral Gem and Fossil Show. See advert in Magazine.

#### Association of Welsh RIGS Groups

[www.wcva.org.uk/members-partners/nvo-search/detail?id=906675](http://www.wcva.org.uk/members-partners/nvo-search/detail?id=906675)

#### Avon RIGS

<http://avonrigsoutcrop.blogspot.co.uk/>

#### Bath Geological Society

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

**September 7** Mountains in the Sea

Prof Tony Watts.

#### Belfast Geologists' Society

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

#### Black Country Geological Society

[www.bcgso.info](http://www.bcgso.info)

**September 16** Field meeting: Geoconservation Day at Wren's Nest -Wardens of Wren's Nest

**September 18** On the move in pursuit of black gold – highlights from three decades of international oil and gas exploration – Graham Hickman.

**October 1** Field meeting: The South Malverns – John Payne.

**October 16** The Corsi collection of decorative stones: where geology meets the arts – Monica Price.

**November 4** Geoconservation day Barrow Hill

**November 20** Cave Development - Tony Waltham.

#### Brighton & Hove Geological Society

[www.bhgs.org](http://www.bhgs.org)

**October 14** Geolab at Brighton Museum.

#### Bristol Naturalists' Society

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

#### British Micromount Society

<http://britishmicromountsociety.homestead.com>

#### Bucks Earth Heritage Group

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

#### Cambridgeshire Geological Society

[www.cambsgeology.org](http://www.cambsgeology.org)

**September 12** An insight into the economic geology of Burwell.

**October 10** Mass extinctions in Earth History – Dr Stephen Kershaw.

**November 14** The mass grave in the coal mine – the iguanodonts of Bernissart – Franziska Norman.

#### Carn Brea Mining Society

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

**September 19** The work of local photographer WJ Bennetts of Camborne – David Thomas.

#### Cheltenham Mineral and Geological Society

<http://cmgs.yolasite.com/society.php>

#### Cumberland Geological Society

[www.cumberland-geolsoc.org.uk](http://www.cumberland-geolsoc.org.uk)

#### Cymdeithas Daearegwyr Grwp De Cymru:

#### South Wales Geologists' Association (LG)

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

**September 9** Field meeting Caerfai Bay and St Nons, St Davids, - Nigel Clarke

**October 14** Field meeting Geoconservation in Swansea

Leaders: Geraint Owen and Hazel Trenbirth

#### Cymdeithas Y Daeareg Gogledd Cymru:

#### North Wales Group Geologists' Association (LG)

[www.ampyx.org.uk/cdgc/cdgc.html](http://www.ampyx.org.uk/cdgc/cdgc.html)

**September 10** Aspects of the Carboniferous of Flintshire - Keith Nicholls

**September 27** Fossil plants, the evolution of a garden and it's plants

#### Devonshire Association (Geology Section)

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

#### Dinosaur Society

[www.dinosoursociety.com](http://www.dinosoursociety.com)

#### Dorset Group (LG)

[www.dorsetgeologistsassociation.com](http://www.dorsetgeologistsassociation.com)

#### Dorset Natural History & Archaeological Society

[Jenny@dorsetcountymuseum.org](mailto:Jenny@dorsetcountymuseum.org)

#### Earth Science Teachers' Association

[www.esta-uk.net](http://www.esta-uk.net)

#### East Herts Geology Club

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

#### East Midlands Geological Society

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

**September 9** Field meeting: Ketton Quarry – Ken Nye

**September 19** Field meeting: Major Dinosaur Exhibition - Adam Smith

#### Edinburgh Geological Society

[www.edinburghgeolsoc.org](http://www.edinburghgeolsoc.org)

#### Essex Rock and Mineral Society (LG)

<http://www.erms.org/>

**September 9** Field meeting: Hadleigh Castle and Country Park – Ros and Ian Mercer

**September 12** Portland – the Greatest Stone on Earth? – Barry Hunt

**September 17** Field meeting: Harwich Essex – Bill George.

**October 10** Gregory, Bottley & Minerals – Ivor Thurgood

**October 22** Field meeting: Crag sites of Suffolk – Bob Markham.

**November 14** AGM & Members' Evening

#### Farnham Geological Society (LG)

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

**September 8** Geological evolution of the Wandle - Dr David Gill

**October 13** Introduction to microfossils - Dr Adrian Rundle

**September 17** Field meeting Hengistbury, Hordle & Hurst - Graham Williams

**September 30 - October 3** Field meeting Isle of Wight - Graham Williams

**November 10** The biggest volcano in the World - Dr Julie Prytulak

**November 19** Society's Annual Lunch Frensham Pond Hotel

#### Friends of the Sedgwick Museum, Cambridge

[www.sedgwickmuseum.org/activities/friends.html](http://www.sedgwickmuseum.org/activities/friends.html)

#### Geolancashire (LG)

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

#### Geological Society of Glasgow

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

#### Geological Society of Norfolk

[www.norfolkgeology.co.uk](http://www.norfolkgeology.co.uk)

#### Harrow & Hillingdon Geological Society (LG)

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

**September 13** A brief history of life in 10 fossils – Dr Paul Taylor.

**November 8** Microfossils – Adrian Rundle

#### Hastings & District Geological Society

[www.hastingsgeology.btck.co.uk](http://www.hastingsgeology.btck.co.uk)

**September 17** Gideon Mantell: The Dinosaur Hunter of Lewes - Ray Hale.

#### Hertfordshire Geological Society (LG)

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

**September 14** Did the Earth move for you?

Great Earthquakes to silent slips – Dr Rebecca Bell.

**September 21-24** Field meeting to Ludlow area – John Nicklin.

**October 12** The evolution of land plants – Dr Paul Kenrick.

**November 9** Mount Erebus volcano Antarctica – Dr Nial Peters.

#### Horsham Geological Field Club

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

**September 13** please check website

**October 8** 40<sup>th</sup> Anniversary lunch.

**October 11** Gales, greenhouses and global warming – Ian Currie

**November 8** Lapis Lazuli – Dr Chris Duffin

#### Huddersfield Geology Group

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

**Hull Geological Society**  
[www.hullgeolsoc.org.uk](http://www.hullgeolsoc.org.uk)

**The Jurassic Coast**  
[www.jurassiccoast.com](http://www.jurassiccoast.com)

**Kent Geologists' Group of the Geologists' Association (LG)**  
[www.kgg.org.uk](http://www.kgg.org.uk)

**September 19** –Soil: a substance of substance -Anne Padfield

**October 17** The value of Microfossils – Dr Haydon Bailey

**November 21** The Geology of Namibia – Geoff Downer.

**The Kirkaldy Society - Alumni of Queen Mary (LG)**  
[kirksoc@sky.com](mailto:kirksoc@sky.com)  
Contact Mike Howgate 020 8882 2606, or email [mehowgate@hotmail.com](mailto:mehowgate@hotmail.com)

**Leeds Geological Association**  
[www.leedsga.org.uk](http://www.leedsga.org.uk)

**Leicester Literary & Philosophical Society (Geology)**  
[www.charnia.org.uk](http://www.charnia.org.uk)

**Liverpool Geological Society**  
[www.liverpoolgeologicalsociety.org.uk](http://www.liverpoolgeologicalsociety.org.uk)

**Manchester Geological Association**  
[www.mangeolassoc.org.uk](http://www.mangeolassoc.org.uk)

**September 3** Field meeting Castleton area - Lucy Manifold.

**October 18** The Science and Engineering of Shale - Prof Ernie Rutter

**November 18** Broadhurst Lectures Deep Earth Matters. Speakers: Prof Hugh Rollinson, Dr Jason Harvey and Dr Andrew Walker.

**Medway Fossil and Mineral Society**  
[www.mfms.org.uk](http://www.mfms.org.uk)

**Mid Wales Geology Club**  
[www.midwalesgeology.org.uk](http://www.midwalesgeology.org.uk)

**Midweek Geology Club**  
<http://mwgggyorkshire.webspace.virginmedia.com>

**Milton Keynes Geological Society**  
<http://mkgeosoc.org/>

**Mineralogical Society**  
[www.minersoc.org](http://www.minersoc.org)

**Mole Valley Geological Society (LG)**  
[www.mvgs.org.uk](http://www.mvgs.org.uk)

**September 7** Briefing for the field trip to the roots of the Hercynian Mountains in South Devon – Dr Mark Eller.

**September 14-17** Field meeting: Roots of the Hercynian – Dr Mark Eller.

**October 12** AGM and Dinner

**November 9** The geological adventures of Curiosity in Gale Crater, Mars – Prof Sanjeev Gupta.

**Newbury Geological Study Group**  
[www.ngsg.org.uk](http://www.ngsg.org.uk)

**Norfolk Mineral & Lapidary Society**  
[norfolkminandlapsoc.homestead.com](http://norfolkminandlapsoc.homestead.com)

**Norfolk Geodiversity Forum**  
[www.norfolkbiobiodiversity.org](http://www.norfolkbiobiodiversity.org)

**North Eastern Geological Society**  
[www.negs.org](http://www.negs.org)

**North Staffordshire Group of the Geologists Association (LG)**  
[www.esci.keele.ac.uk/nsgga](http://www.esci.keele.ac.uk/nsgga)

**Open University Geological Society**  
[www.ougs.org](http://www.ougs.org)

**Oxford Clay Working Group**  
Email: [saurian@live.co.uk](mailto:saurian@live.co.uk)

**Oxford Geology Group (LG)**  
[www.ogg.uk.com](http://www.ogg.uk.com)

**Oxfordshire Geology Trust**  
[www.oxfordshiregeologytrust.org.uk](http://www.oxfordshiregeologytrust.org.uk).

**Plymouth Mineral & Mining Club**  
[www.denul.net/pmmc/](http://www.denul.net/pmmc/)

**Reading Geological Society (LG)**  
[www.readinggeology.org.uk](http://www.readinggeology.org.uk)

**September 4** Scotland's Lost Asteroid  
Precambrian asteroid impact in NW Scotland - Dr Ken Amor.

**Royal Geological Society of Cornwall**  
[www.rgsc.org.uk](http://www.rgsc.org.uk)

**The Russell Society**  
[www.russellsoc.org](http://www.russellsoc.org)

**Shropshire Geological Society**  
[www.shropshiregeology.org.uk](http://www.shropshiregeology.org.uk)

**Sidcup Lapidary and Mineral Society**  
[www.sidcuplapminsoc.org.uk](http://www.sidcuplapminsoc.org.uk)

**Southampton Mineral and Fossil Society**  
[www.sotonminfoss.org.uk](http://www.sotonminfoss.org.uk)

**Stamford and District Geological Society**  
[www.stamfordgeolsoc.org.uk](http://www.stamfordgeolsoc.org.uk)

**Teme Valley Geological Society**  
[www.geo-village.eu](http://www.geo-village.eu)

**Tertiary Research Group**  
[www.trg.org](http://www.trg.org)

**Ussher Society**  
[www.ussher.org.uk](http://www.ussher.org.uk)

**Warwickshire Geological Conservation Group**  
[www.wgcg.co.uk](http://www.wgcg.co.uk)

**Welsh Stone Forum**  
[www.museumwales.ac.uk/geology/welshstoneforum/about-the-welsh-stone-forum/](http://www.museumwales.ac.uk/geology/welshstoneforum/about-the-welsh-stone-forum/)

**Westmorland Geological Society**  
[www.westmorlandgeolsoc.co.uk](http://www.westmorlandgeolsoc.co.uk)

**West of England Group of the Geologists' Association (LG)**  
[www.wega.org.uk](http://www.wega.org.uk)

**West Sussex Geological Society (LG)**  
[www.wsgs.org.uk](http://www.wsgs.org.uk)

**September 15** Engineering Geology – David Shilston

**October 20** Jade, its tectonic formation – Dr Gina Barnes.

**November 17** Sedimentology – Dr Chris Jackson.

**The Woolhope, Hereford**  
[www.woolhopeclub.org.uk](http://www.woolhopeclub.org.uk)

**Yorkshire Geological Society**  
[www.yorksgeolsoc.org.uk](http://www.yorksgeolsoc.org.uk)

**September 17** Field meeting: Claxby Iron Mine – Stewart Squires and Paul Hildreth

**October 21** British Cave Research Association Symposium.

**November 11** Geoforensics

**October 22** Field meeting Giggleswick Caves – Trevor Faulkner

## SPECIAL EVENTS

**September 5-9**  
**British Science Festival 2017**  
University of Brighton and University of Sussex.  
[britishscienceassociation.org](http://britishscienceassociation.org)

**September 16**  
**Open House, Burlington House**, The Geological Society will be open and the GA will run workshops:  
1. The stones in the reception desk and associated fossils.  
2. Building stone walk from Burlington House to Green Park led by Mike Howgate.

**September 22-24**  
**Yorkshire Fossil Festival**  
Rotunda Museum Scarborough.  
[Yorkshirefossilfestival.co.uk](http://Yorkshirefossilfestival.co.uk)

**Earth Science Week**  
**October 7-15**  
Sidmouth Science Festival  
[sidmouthsciencefestival.org](http://sidmouthsciencefestival.org)

**Geolabs October 14**  
Brighton Museum organized by Brighton & Hove Geological Society and GA  
National Stone Centre  
North Staffordshire Local Group and GA

**October 21-22**  
**GA Conference Cardiff**  
**Climates Past Present and Future**  
[conference@geologistsassociation.org.uk](mailto:conference@geologistsassociation.org.uk)

**November 4 – 5**  
**The GA Festival of Geology**  
University College London

**November 25**  
**North London Mineral Gem and Fossil Show** <http://amgeosoc.wordpress.com>