

Circular No 1004 September 2015

BOOKINGS AND PAYMENT: These should be made through Sarah by email: fieldmeetings@geologistsassociation.org.uk, phone or through the GA website. Please give an email and emergency contact number. Unless otherwise stated the cost is £5 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.

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 traveler, 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 organises UK field meetings and Ian Sutton is responsible for overseas excursions. Website for further details

www.geologistsassociation.org.uk/ukfield.html www.geologistsassociation.org.uk/overseasfield.html

GA UK FIELD MEETINGS 2015

THE LOWER THAMES GRAVELS

Leaders: David Bridgland & Peter Allen

Sunday September 6 2015

This meeting leads on from the QRA conference in 2014. We will visit classic sites in the Lower Thames including Wansunt Pit (Dartford Heath), Swanscombe Skull Site NNR, Purfleet (Greenlands Quarry) and Lion Pit Tramway Cutting.

Arrangements (note change): transport by coach from the first locality in Purfleet where there will be car parking. Car users should note that we'll start and finish on different sides of the river.

Equipment: Helmets and hi vis jackets. Packed lunch.

Cost & booking Cost will be approximately £25 depending on numbers (transport included) and attendees will be able to buy this year's QRA field guide for £15.00.

Register with [Sarah](#) at the GA

DORSET COAST WEEKEND

Leader: Prof John C.W. Cope

Saturday 12 – Sunday 13 September

Following the success of the previous three meetings to the west Dorset coast we will be based in Swanage and will be looking mainly at the Upper Jurassic of the Isle of Purbeck. We will finish at about 16:00 on Sunday.

There may be some steep ascents (and descents) dependent on the weather; very rough beaches.

Equipment: stout footwear with ankle support. Hard hats and hi-vis jackets essential.

Cost & booking: Numbers will be limited to 25. Administration fee £15.

DEVONSHIRE MARBLES WEEKEND

Leader: Prof Gordon Walkden

Friday 25 – Sunday 27 September

This meeting celebrates the publication of

Prof Walkden's new GA guide *Devonshire marbles: Their geology, history and uses* (2 vols).

Friday: book launch and lecture at Torquay Museum (2pm): *The amazing Devonshire Marbles: eloquence in stony silence- the story of the greatest British ornamental stone.*

Saturday: visit two great Devonshire marble buildings to discover their architecture, history and geology: All Saints Church (quintessential Devonshire Marble church by the great William Butterfield) and St John's Church (the less well known Devonshire marble beauty by George Edmund Street). Lunch at Torquay Museum.

Sunday: field trip to see local marble-related geology: Petit Tor, Babbacombe to see the complex geology at the most famous of the marble localities and Hope's Nose some of the showiest Devonian sediments and fossils, upset by storms, sea level change and volcanicity – and with a trace of gold. Picnic lunch. All localities will require car sharing.

Equipment: stout footwear with ankle support. Hard hats and hi-vis jackets are essential.

Cost & booking: Numbers for the field meetings will be limited to 30. Open to all. Register with £5 per day.

Friday lunch including lecture, reception (with glass of wine or soft drink) and book signing. **Book with Torquay Museum** (01803) 293975 (£5.95) or e-mail enquiries@torquaymuseum.org

Provisional Field meeting Upware, Cambridgeshire

Leader: Dr Simon Kelly

November date to be confirmed.

An opportunity has a temporary exposure in the Lower Greensand (Early Cretaceous) with a possible visit to a working quarry (Upware Limestone, Late Jurassic) in the morning. This will possibly be a weekday field trip sometime in November. If you are interested please contact Sarah Stafford at the GA Office.

Geol.assoc@btinternet.com

GA OVERSEAS FIELD MEETINGS

GREEK ISLAND VOLCANOES 2015

Leader: Paul Olver

Monday 14 – Sunday 27 September

This trip is full, if you would like to be put on the waiting list in case of cancellation email paulolver@hotmail.com tel: 01432 761 693.

CYPRUS 2016 (the Greek part of the island)

Leader: Costas Xenophonos

Provisionally 16 – 23 April 2016

Cyprus is world famous for one of the world's best preserved ophiolite sequence displayed in the Troodos. This will form the core of the trip but will also include the Mammonia Complex, highly deformed sequences of Triassic to Cretaceous age which were emplaced in their present position during late Cretaceous times. It will be a pleasure to be led by Costas (retired senior geologist with the Cyprus Geological Survey) who has led a huge number of geologists from different countries over a long period of time and who has published widely on this island.

Cost & booking: Tentative cost on a half board basis at a good quality hotel including transport and entries where applicable - £1,200. Please register your interest with the GA office.

THE LAGERSTÄTTEN OF SOUTHERN GERMANY

Leader: Dave Martill

Mondays 27 June – 4 July 2016

This palaeontological excursion examines some of the most stunning palaeontological sites in the World, including the World Heritage Site of Grube Messel, an Eocene oilshale famed for its rare fossil mammals; the Upper Jurassic Solnhofen Limestone that has now yielded thirteen examples of

Archaeopteryx, the iconic link between dinosaurs and birds; and the Lower Jurassic Posidonia Shale famed for its ichthyosaurs with skin outlines and bellies full of babies. We will visit museums dedicated to the palaeontology of each site, as well as have an opportunity to collect from each of the fossil Lagerstätten. Any discoveries made at Messel must be given over to the state museum, but finds in Solnhofen are yours to cherish, except *Archaeopteryx* which is now the protected state fossil. Cost & booking: approx. £950. Please register your interest with the GA office

LANZAROTE

Leader: Hilary Downes

September 2016 (final dates to be confirmed but after 16 September)

On our week's visit we will concentrate our activities on Lanzarote but with at least one visit to Fuerteventura. During this time we will be able to visit many sites of superb volcanic landscapes, ranging from the characteristics of the shield volcanoes to features related to the post erosional very recent volcanic activity. It is intended to have a one week package based at a good quality hotel Travel will be by coach for our field excursions including our time in Fuerteventura.

The fee includes the package on a dinner, bed and breakfast basis, all travel during the visits, any entrance fees, ferry charges and the tour brochure. It is based on two people sharing a room and there will be a surcharge for single room occupancy. Easy walking access to all localities.

Cost & booking: approx. £1,200. Please register your interest with the GA office

GA LOCAL GROUPS (LG) & AFFILIATED SOCIETIES

Amateur Geological Society

www.amgeolsoc.webspace.virginmedia.com/Live_Site/Home.html

Sept 8 Mineralogy at the Natural History Museum: more than Earth's Treasury – Prof Andy Fleet

Oct 13 The Mesozoic Marine Reptile Renaissance part 1: Ichthyosaurs – Dr Mark Evans

Nov 10 Frank Stokes Memorial Lecture: Great British Building Stones – Barry J. Hunt

Nov 28 AGS Mineral & Fossil Bazaar 10.15-3.30 pm at St Mary's Church Hall Finchley

Bath Geological Society

www.bathgeolsoc.org.uk

Sept 3 Forensic geology: the applications of geology to policing and law enforcement – Dr Laurance Donnelly

Sept 19-22 Field meeting: Sligo – Dr Rob Raine

Oct 1 A Bug's life: the role of micropalaeontology in industrial problem solving – Prof. Malcolm Hart

Nov 5 The Geology of decorative and building stones at Kingston Lacy near Wimborne Dorset – Peter Bath

Belfast Geologists' Society

www.belfastgeologists.org.uk

Sept 19-29 Field meeting: Sligo – Dr Rob Raine

Black Country Geological Society

www.bcggs.info

Brighton & Hove Geological Society

www.bhgs.org

Bristol Naturalists' Society

www.bristolnats.org.uk

Cambridgeshire Geology Club (LG)

www.cambridgeshiregeologyclub.org

Carn Brea Mining Society

www.carnreaminingsociety.org.uk

Sept 18 Joint meeting with the Trevithick Society

Sept 19 Open morning at Condurrow

Oct 20 Biodiversity and Mining in Cornwall – Adrian Spalding

Nov 17 Lead mining in Cornwall – Colin Short.

Cheltenham Mineral and Geological Society

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

Cumberland Geological Society

www.cumberland-geol-oc.org.uk

Cymdeithas Ddaearegwywr Grwp De Cymru:

South Wales Geologists' Association (LG)

www.swga.org.uk

Sept 19 Field meeting: Portcawl and Sker – Stephen Howe

Cymdeithas Y Ddaeareg Gogledd Cymru:

North Wales Group Geologists' Association (LG)

www.ampyx.org.uk/cdgc/cdgc.html

Devonshire Association (Geology Section)

www.devonassoc.org.uk

Sept 13-19 Field meeting County Durham and Northumberland – Lesley Dunlop

Oct 11 Environmental geology in the Budleigh Salterton/Otterton area – Prof John Mather

Nov 28 Mr Smith and his Remarkable Maps – Tom Sharpe

Dinosaur Society

www.dinosauriansociety.com

Dorset Group (LG)

www.dorsetgeologistsassociation.com

Sept 13 Field meeting: Monmouth Beach – Sam Scriven

Dorset Natural History & Archaeological Society

Contact Jenny Cripps

Jenny@dorsetcountymuseum.org

Earth Science Teachers' Association

www.esta-uk.net

East Herts Geology Club

www.ehgc.org.uk

East Midlands Geological Society

www.emgs.org.uk

Oct 10-11 Field meeting: Flamborough area and North York Moors – Ian Sutton

Oct 17 Cambrian Explosion – David Harper.

Nov 14 Paul Nathaniel.

Edinburgh Geological Society

www.edinburghgeolsoc.org

Aug 2 Field meeting: Filey Brigg – Mike Horne & Rodger Connell

Essex Rock and Mineral Society

www.erms.org

Farnham Geological Society (LG)

www.farnhamgeosoc.org.uk

Sept 6 Field meeting: Buriton – Petersfield.

Sept 11 History of Tectonics in the Alps – Dr Mike Streule

Oct 9 A Brief History of Time in 12 Fossils – Dr Paul Taylor

Oct 18 Field meeting: Teme Valley

Nov 6 English Channel Netherlands – Dr Matthew Pope

Friends of the Sedgwick Museum, Cambridge

www.sedgwickmuseum.org/index.php?page=frinds-of-sedgwick

Geolancashire (LG)

www.lancashire-geologists.co.uk

Aug 9 -15 Field meeting Scotland Dumfries and Galloway

Geological Society of Glasgow

www.geologyglasgow.org.uk

Geological Society of Norfolk

www.norfolkgeology.co.uk

Harrow & Hillingdon Geological Society (LG)

www.hhgs.org.uk

Sept 9 The intrusion space problem: a comparative case study of accommodation and deformation structures associated with the emplacement of the maiden Creek and Trachyte Mesa intrusions, Henry Mountains Utah – Penelope Wilson

Oct 14 Our heritage, stone tools and rock art – Bob Maurer

Hastings and District Geological Society

<http://hastingsgeology.btck.co.uk>

Sept 13 The Cretaceous Greenhouse World and its impact on the Evolution of land vertebrates – Prof Paul Upchurch

Oct 18 Wildlife of Sussex 140 million years ago – Peter Austen

Nov 15 Presidential Lecture: Prof G.D Price

Hertfordshire Geological Society (LG)

www.hertsgeolsoc.ology.org.uk

Horsham Geological Field Club

www.hgfc.org.uk

Sept 9 Modelling ancient tides – Dr Peter Allison

Oct 14 Space Science on the Surrey Hills – Prof Graziella Branduardi-Raymont

Nov 11 Transport innovations and Wealden Geology: canals and railways – John Loneragan

Huddersfield Geology Group

www.huddersfieldgeology.org.uk

Hull Geological Society

www.hullgeolsoc.org.uk

The Jurassic Coast

www.jurassiccoast.com

Kent Geologists' Group of the Geologists' Association (LG)

www.kgg.org.uk

The Kirkaldy Society (Alumni of Queen Mary) (LG)

Contact Mike Howgate 020 8882 2606

Email: mehowgate@hotmail.com or kirksoc@sky.com

Leeds Geological Association

www.leedsga.org.uk

Oct 8 Palynology in the Service of Man – Dr Jim Riding.

Nov 5 Bubble, burp, bang! Big Experiments in volcano physics – Dr Ed Llewellyn

Nov 14 Joint meeting with the Yorkshire Geological Society

Leicester Literary & Philosophical Society (Geology)

www.charnia.org.uk

Liverpool Geological Society

www.liverpoolgeologicalsociety.org.uk

Manchester Geological Association

www.mangeolassoc.org.uk

Mid Wales Geology Club

www.midwalesgeology.org.uk

Mid Week Geology Club in Yorkshire

<http://mwgyyorkshire.webspace.virginmedia.com>

Mole Valley Geological Society (LG)

www.mvgs.org.uk

Sept 10 The geology of North Devon – Prof John Cosgrove

Sept 17-29 Field trip to North Devon – Prof

John Cosgrove

Oct 8 AGM & Dinner

Nov 12 The biggest volcano on Earth – Dr Julie Prytulak

Newbury Geological Study Group

www.ngsg.org.uk

Norfolk Mineral & Lapidary Society

<http://norfolkminandlapsoc.homestead.com/>

North Eastern Geological Society

www.northeast-geolosc.50megs.com

North Staffordshire Group of the Geologists Association (LG)

Nov 14 Exhibition at Potteries Museum and Art Gallery.

Nov 19 The Wolverson Cope annual lecture: William Smith – Hugh Torrens.

www.esci.keele.ac.uk/nsgga/

Open University Geological Society

www.ougs.org

Oxford Geology Group (LG)

www.oxgg.org.uk

Reading Geological Society (LG)

www.readinggeology.org.uk

Sept 7 Lecture for Suffolk field meeting:

Prof Philip Gibbard

Sept 18-21 Sept Weekend East Anglia Part 2 – Suffolk – Prof Peter Worsley

Oct 5 Meteorite Impacts – Dr Paul Olver

Oct 18 Field meeting: Blaise Castle, Bristol Carboniferous limestone and environmental features – RGS

Nov 2 Cretaceous Climate: using ancient leaves and sediments to evaluate climate models – Dr Helen Craggs

Nov 15 Field meeting: Shorncote Quarry

Royal Geological Society of Cornwall

www.rgsc.org.uk

The Russell Society

www.russellsoc.org

Shropshire Geological Society

www.shropshiregeology.org.uk

Sidcup Lapidary and Mineral Society

www.sidcuplapminsoc.org.uk

Southampton Mineral and Fossil Society

www.sotonminfoss.org.uk

Stamford and District Geological Society

www.stamfordgeolosc.org.uk

Teme Valley Geological Society

www.geo-village.eu

Sept 14 The East Malvern Fault to Church Stretton – David Green

Oct 2/3/4 Symposium 15 Geology in the Marches, Murchison to the Modern Era (Ludlow)

Nov 16 Mining the Heritage - Graham Worton

Ussher Society

www.ussher.org.uk

Warwickshire Geological Conservation Group

www.wgcg.co.uk

Welsh Stone Forum

<https://www.museumwales.ac.uk/geology/welshstoneforum/about-the-welsh-stone-forum/>

Westmorland Geological Society

www.westmorlandgeolosc.co.uk

West of England Group of the Geologists' Association (LG)

www.wega.org.uk

West Sussex Geological Society (LG)

www.wsgs.org.uk

Sept 18 Does the Earth move for you? – Dr Rebecca Bell

Sept 19 Field meeting: Worthing in Transition – Alan Bell & John Lonergan

Sept 22 Field meeting: Worthing Town Trail

– John Lonergan

Oct 16 Structure under S. England – Dr Richard Ghail

Nov 20 Active fault in Indonesia Myanmar – Dr Ian Watkinson

Winchester Geology Society

<https://sites.google.com/site/winchestergeology/society/>

The Woolhope, Hereford

www.woolhopeclub.org.uk

Yorkshire Geological Society

www.yorksgeolosc.org.uk

Sept 10-13 Symposium: The Chalk of the Northern Province: its regional context

Oct 31- Nov 1 William Smith Map

Bicentenary Meeting

Nov 14 joint meeting with Leeds Geological Association

SPECIAL EVENTS

Yorkshire Geological Society

Symposium: The Chalk of the Northern Province: its regional context

September 10-13

Speakers include: Professor Felix M. Gradstein (Natural History Museum, University of Oslo); Professor Rory Mortimore (ChalkRock Limited, Lewes, UK); Dr Christopher Jeans (Department of Geography, University of Cambridge); Dr Haydon Bailey (President, Geologists' Association)

www.yorksgeolosc.org.uk

Yorkshire Philosophical Society

Walk-on Pebble Mosaic

September 29

To celebrate the bicentenary of William Smith's 1815 Map the YPS is pleased to be organising the Geological Map Project representing the Yorkshire section of William Smith's 1815 map. The map will be 4m square, in the form of a pebble mosaic. The pebbles have been chosen to represent the colours used by Smith, not the actual stones, but boulder-sized pieces of the real rocks that will be placed in the adjacent flower borders.

At 6pm the event will commence at the map in the Museum Gardens, York and will be followed in the adjacent Yorkshire Museum by an opportunity to view the Yorkshire Museum's own copy of the original map and associated displays.

7.30 lecture: Back to the Future of William Smith's map – meeting modern needs for geological knowledge – Dr Andy Howard, Science Director, BGS

<http://www.ypsyork.org/groups/gardens-group/geological-map-project/>

The Geology of the Marches Murchison to the Modern Era Ludlow, Shropshire Friday 2-Sunday 4 October

A wide ranging symposium, open to all with self-guided Ludlow geology trails, Museum Resource Centre workshops, Keynote lectures, Discussion groups, Displays, Museum tour, Symposium dinner and Choice of guided field trips.

Keynote Lectures:

Emeritus Professor Martin Rudwick: (Cambridge) The King of Siluria—how the Marches became known to geologists everywhere

Dr Alex Liu (Bristol): Pits, Mounds & Animal Evolution, what we have learned from the Ediacaran Rocks of Shropshire

Emeritus Professor David Siveter (Leicester): Sensational soft-bodied fossils from 425Ma volcanic ash-The Herefordshire Lagerstatte

Further information, booking forms, full programme and charges: www.geo-symposium.eu Email: Paul paulolver@hotmail.com Phone: David 01886 888398

Stevenage Museum for Earth Science Week

Two Walks at 11am October 14 and Sunday 18 October at 2.30 pm

Margaret Selby, and Nikki Edwards shall be leading a couple of 'Eric Robinson' building stones walk through Stevenage town centre at a Please book through Stevenage Museum 01438 218881

museum@stevenage.gov.uk £3 adults and £2 concessions.

Geo-East

Chalk of the Eastern Counties; Geology, Landscape and Man 28 November

One day conference which will be taking place in the Science Lecture Theatre at Hills Road 6th Form College, Hills Road, Cambridge CB2 8PE. Cost £25. Contact Naomi.Stevenson@naturalengland.org.uk