



2021 LECTURE PROGRAMME

IMPORTANT NOTICE: The Bath Geological Society lectures are normally held at BRLSI in Bath on the first Thursday of the month. However due to the COVID-19 pandemic the lectures have been held virtually using ZOOM. **This will continue until such time as it is safe to return to physical meetings.**

January 7 th (note: 2 nd Thursday)	Topic: Fossil Viruses	Speaker: Professor Maurice Tucker University of Bristol
February 4 th February 4 th	AGM Topic: Ballistic impacts	7:00pm before lecture Speaker: Professor Tom Blenkinsop University of Cardiff
March 4 th	Topic: Sediments in Rajasthan, India	Speaker: Dr Hazel Beaumont University of the West of England
April 8 th (note: 2 nd Thursday)	Topic: tbc	Speaker: Dr Catherine Klein Formerly with University of Bath
May 6 th	Topic: A bug's life	Speaker: Professor Malcolm Hart University of Plymouth
June 3 rd	Topic: The making of the Mendip Hills	Speaker: Dr Doug Robinson University of Bristol
July 1 st	Topic: Crystal evolution in a vertically circulating dyke	Speaker: Dr Helena Moretti Birkbeck, University of London
August 5 th	To be confirmed: Normally the Society doesn't hold lectures in August, however these are unprecedented times...if held it will be on Zoom.	
September 2 nd	Topic: tbc 50 th anniversary lecture	Speaker: Professor Jon Blundy Royal Society and Oxford University
October 7 th	Topic: Extreme wave events	Speaker: Dr Chris Spencer University of the West of England
November 4 th	Topic: Geotechnical engineering for Wind Farms	Speaker: Peter Larkin Director & Owner at Maven Energy Services Ltd
December 2 nd	Topic: UV-B Radiation and the End Devonian extinction	Speaker: Professor John Marshall University of Southampton

2021 FIELD MEETINGS

IMPORTANT NOTICE: Dependant upon government rules and advice at the time, Field Meetings may be cancelled or held with restrictions on numbers and with social distancing measures...

Saturday. **Brown's Folly Nature Reserve.**
March 6th

Leader: *Graham Hickman, Bath Geological Society*

The annual, morning clear-up of the Great oolite exposures on the SSSI reserve near Bathford. Bring your secateurs and hedge trimmers to cut back the vegetation and clean up the outcrops, or just take the opportunity to visit the sites and talk about geology.

Meet at 10.30 a.m. at Brown's Folly Car Park (G.R. ST 798663). Strong boots, waterproofs and hard hats are required.



FIELD MEETINGS CONTINUED...

**Saturday.
May 15th**

Portland & Chesil Beach – *further details to follow*

Leader: Prof. Maurice Tucker, University of Bristol and BGS

**Wednesday
June 9th**

Deer Leap and Ebbor Gorge , Wookey Hole area

Leader: Dr. Doug Robinson, University of Bristol

The first BGS field trip, held fifty years ago, was to Ebbor Gorge. Our return visit includes Deer Leap and Wookey Hole.

The morning (2 – 2.5 hours) will be spent in the Deer Leap area, near Ebbor Gorge. This area is on the southern limb of the North Hill pericline where a sequence from Lower into Upper Carboniferous (the only Coal Measures outcropping in the southern Mendips) is exposed. The Ebbor thrust (part of the Wells-Cheddar thrust belt), juxtaposing the youngest Carboniferous Limestone unit (Black Rock Lst) against the youngest - the Coal Measures will be crossed, and the only exposure of this thrust that has been recorded will be seen. Then picnic lunch stop at Deer Leap, which has great views south across the Levels.

The afternoon will involve a stop at Ebbor Gorge to view the remains of a coal shaft that was sunk into the Coal Measures back in 1871! Then the rest of the trip will be spent around the Wookey Hole area looking at tectonic (normal fault/shear zones, extensional veins), and karst features in the Carboniferous Limestone and Triassic rocks.

Meet at 10.00 a.m. in the car park at Deer Leap (ST 5190 4928; 51.24064 - 2.690464) – note this is a different car park from the one at the National Trust Ebbor Gorge. Bring a picnic lunch.

**Summer/
Autumn Field
Trip**

Vale of Wardour
– *date to be confirmed:*

Leader: Steve Hannath, Wiltshire Geology Group

One of Wiltshire's most important geological structures, the Vale of Wardour extends 18 miles from Mere and Shaftesbury into the valley of the River Nadder which has cut down through the underlying rock strata to the Upper Jurassic rocks. The Vale is surrounded by hills of Purbeck and Portland limestone, Lower and Upper Greensand.

The field trip will consist of a circular walk in the morning, round the Vale of Wardour (c 2.5 hours), followed by a pub lunch. In the afternoon, a visit to Chicksgrove Quarry where there are exposed Portland/early Purbeck algal 'reefs' with giant bivalves, and fossil wood.
