

## BOSTON SPA NEWS

Volunteers in Boston Spa are continuing to research the geology of the Permian Cadeby Formation dolostones by looking at new sites along the Wharfe gorge. The Hampole Beds, which are an important geological boundary within the Cadeby Formation, have been identified in a quarry at Thorp Arch, which is exciting as we know of only one other site in West Yorkshire.

The group have been working for several years to prepare a leaflet explaining the geology of the Boston Spa area. It will shortly be going to print. We hope to be able to take guided walks to the area soon.

## PROJECTS

The Trust continues to be very busy with Watershed Landscapes project work on seven sites in the Pennines.

Two geological trails are in the planning stage. The Haworth trail over Penistone Hill will be explained by a 16-page booklet which will be available in the autumn. Four carvings showing geological features are already in place on Penistone Hill.

The geological trail over Todmorden Moor will have six interpretation panels, with a great deal of detail about the rocks, landscape and the mining and quarrying industries which were so important on the Moor during the 19th century.

The Watersheds Landscape work will be completed in March 2013 and the newsletter will keep you informed about progress.



A group of Bradford walkers on Penistone Hill, Haworth, checking out the new rocks and landscapes trail.



Stone carving of a Carboniferous tree fern and its roots in Dimples Quarry, Haworth

# WEST YORKSHIRE GEOLOGY TRUST NEWSLETTER 13 AUTUMN 2012



## CHAIRMAN'S MESSAGE

I hope that the grim weather during June and July has not put you off getting out of doors. The Trust is running many activities this summer, particularly during the school holidays, in co-operation with a variety of other organisations. Most of them involve short walks, but all the activity events are held indoors, so can go ahead successfully whatever the weather.

The Annual General meeting was held on Saturday 23rd June at Ogden Water Countryside Centre. As a result we have set up district groups for Bradford, Kirklees and Wakefield. These groups will promote public activities and get to know the geological sites in their areas. You can see from the wide range of guided walks and events this summer that there is great enthusiasm from the general public who want to find out more about local rocks, landscapes and fossils. Volunteers who have time to help with these events will be very welcome. We would welcome anyone from Calderdale and Leeds districts who would be keen to get involved in events in their areas, too. Contact details are below.

*Alison Tymon*

A group on Otley Chevin, looking at the small coal seam in Yorkgate Quarry, during a walk organised as part of Otley Walking Festival.



## CONTACT DETAILS

Geological Records Office,  
Thewlis Lane  
Crosland Hill,  
HUDDERSFIELD  
HD4 7FL

01484 608004  
alison@wyorksgeologytrust.org.uk  
[www.wyorksgeologytrust.org](http://www.wyorksgeologytrust.org)

# FORTHCOMING EVENTS

## WILDSIDE FAMILY EVENT IN CALDERDALE

### North Dean Wood and Greetland Quarry, Halifax

**Thursday 26<sup>th</sup> July** Two similar sessions starting at **10.00 and 13.00** Calderdale Council  
Meet at the front of Clay House, West Vale, Greetland HX4 8AN (SE 097 214). A short walk and family activities about the rocks and fossils of the local area. Bring your own rock, mineral and fossil specimens for identification. Free admission

## WOODLANDS EVENT IN CALDERDALE

### North Dean Wood and Greetland Quarry, Halifax

**Saturday 4<sup>th</sup> August 12.00 and 2.00** Calderdale Council  
Meet at the front of Clay House, West Vale, Greetland HX4 8AN (SE 097 214).  
Half a mile walk through the woods to Greetland Quarry to see sandstones and fossil plants. Paths are not steep but can be rough underfoot. The 12.00 walk is repeated at 2.00.

### Cow and Calf Rocks, Ilkley

#### Geology of the Cow and Calf Rocks and surroundings

**Sunday 5<sup>th</sup> August 10.00 – 12.00**

Meet Richard Butcher at the car park next to the Cow and Calf (SE 132 467), prepared for a short walk on some rocky footpaths to explore the local quarries and the rocks and landscapes of the moor.

## GEODAY FOR CHILDREN AND ADULTS!

### Anglers Country Park, Winterset, Wakefield

#### Waterton Countryside Discovery Centre WF4 2EB (SE 375 153)

**Sunday 5<sup>th</sup> August 11.00 – 4.00**

Wakefield Council  
Exhibitions of rocks, minerals and fossils and photographs showing the geology of West Yorkshire. Bring along your own rock, mineral and fossil specimens for identification. Many learning and play activities for children with an interest in dinosaurs

### Building Stones of the Centre of Bradford

**Sunday 5<sup>th</sup> August 2.00 – 4.00**

Bradford Council  
Meet Richard Butcher at Centenary Square (SE 163 329) by the pond on the side of the shops. The walk of about 1 mile will explore the building stones used in Bradford, including the excellent local sandstones and the decorative stones used on shop fronts and open spaces. Bring a lens if you have one, so that you can look closely at some of the rocks we will see.

### Caulms Wood Quarry, Dewsbury

#### The rocks that produced the building stones of Dewsbury

**Wednesday 29<sup>th</sup> August 2.00 – 3.30**

Dewsbury Outdoor Festival  
A short walk through the park will take us to a large disused quarry from which it is likely that much of the stone which built Dewsbury town centre was quarried. Wear strong shoes, boots or trainers as the quarry floor is rough in places. Meet Alison Tymon at the entrance to the Festival Park, Crackenedge, Dewsbury on the A653 (SE 252 222). About half a mile walk from Dewsbury bus and railway stations. There is limited parking near the entrance gates.

### Marsden, Huddersfield

#### Fossils and Bones Day

**Friday 31<sup>st</sup> August 11.00 – 2.00**

National Trust, Marsden  
Displays of fossils, bones and minerals in the Exhibition Centre, Marsden NT office, next to Marsden Railway Station. Bring your own specimens for identification.

### Marsden, Huddersfield

#### Pule Hill Rocks and Landscapes

**Sunday 2<sup>nd</sup> September 1.00 – 5.00**

Kirklees Volunteers  
Meet Alison Tymon at Marsden Station (SE 047 117) for a 4 mile circular walk around Pule Hill along footpaths and tracks. We will visit gritstone quarries on Pule Hill to see how rocks were exploited for local building stones. A magnifying glass will be useful so that you can look at fossils from an important site on Pule Hill. Bring a snack and drink.

### Roundhay Park, Leeds

**Saturday 8<sup>th</sup> September 1.15 – 4.00**

Leeds Geological Association/Friends of Roundhay Park  
Meet Bill Fraser outside the Mansion House Visitors Centre, LS8 2JL, (SE 330 383) in Roundhay Park. A guided walk of approximately 2.5 miles around a marked Geological Trail taking about 3 hours, with stops for discussion. Features seen are shales and several different types of sandstone (some of which contain fossils), as well as sedimentary and tectonic structures. Footpaths are graded for easy walking but can be muddy in wet weather.

### Bradford

#### Building Stones of the Centre of Bradford

**Sunday 23<sup>rd</sup> September 2.00 – 4.00**

Meet Richard Butcher at Centenary Square (SE 163 329) by the pond on the side of the shops. The walk of about 1 mile will explore the building stones used in Bradford, including the excellent local sandstones and the decorative stones used on shop fronts and open spaces. Bring a lens if you have one, so that you can look closely at some of the rocks we will see.

### Roundhay Park, Leeds

**Saturday 10<sup>th</sup> November 1.15 – 4.00**

Leeds Geological Association/Friends of Roundhay Park  
Meet Bill Fraser outside the Mansion House Visitors Centre, LS8 2JL, (SE 330 383) in Roundhay Park. A guided walk of approximately 2.5 miles around a marked Geological Trail taking about 3 hours, with stops for discussion. Features seen are shales and several different types of sandstone (some of which contain fossils), as well as sedimentary and tectonic structures. Footpaths are graded for easy walking but can be muddy in wet weather.