



Down to Earth

"Earth science learning for all"

The Yorkshire Coast, Scarborough June 1-6 2025

Filey Brigg, Upper Jurassic

A word from your leaders...

Amazingly, we've never based a trip in Scarborough, arguably the 'queen' of the Yorkshire Coast, because we've never been able to fund a suitable hotel! We've solved that by basing ourselves at the Cumberland Hotel in the heart of South Bay. This will give us comfortable and the excellent service we are accustomed to from our partners Leisureplex.

We won't have the use of our own minibus for this trip, but will be able to access a local one should we need one on any of the days. We will also make use of local transport including buses and local trains. Scarborough is a superb base from which to explore the local North Yorkshire rocks. We'll take in the Jurassic and Cretaceous sediments with their fossils and sedimentary structures, as well as see evidence for the Quaternary ice ages.

With so much in the local area we won't be spending a lot of time travelling to get to our field locations, which means there's more time to study in the field! With just four field days, we're going to have to make choices - we can't do everything! If you like coastal scenery and hunting for fossils, this trip is definitely for you.

Unusually we have a good number of single rooms available on this trip - but they will probably go quickly, so make that booking soon!

Chris Darmon & Colin Schofield
Course Organisers

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Getting to Scarborough

Scarborough has good rail links to York, Leeds and Manchester. From London Kings Cross you can be in Scarborough in 3 hours. There's also a local train from Sheffield, Doncaster and Hull. By road, Scarborough can be reached via the A1/M1 and then the A64 from York. If coming by car, please check with us about parking at the hotel.

Getting around on the trip

We will spend at least one full day in Scarborough itself. On another day we will make use of the local train to Filey and we'll also make use of local bus services to get to Robin Hood's Bay and Whitby. We may also make use of a hired minibus/coach.

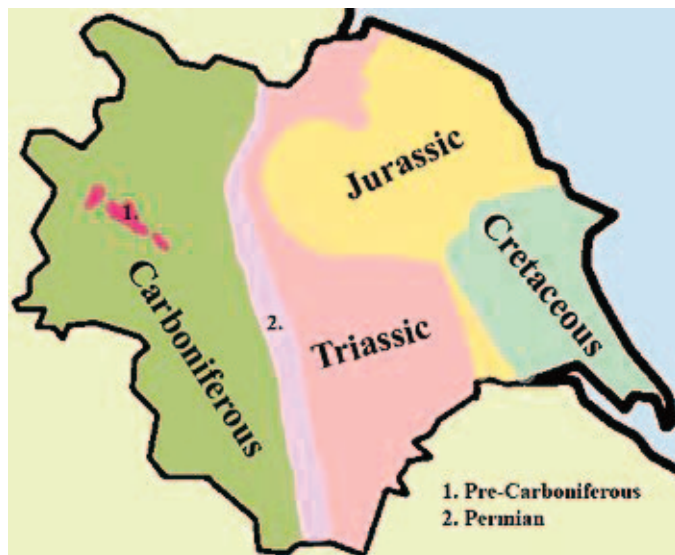
If you prefer to use your own car, instead of the minibus, that would be fine.

Walking

This is not an area of particularly difficult terrain, although there will be a couple of steep ascents and descents of cliffs. We'll get you as close as possible to the relevant sites and will, in almost every case, involve minimal walking distances. Everything therefore should be within the capabilities of all of the party. Most walks will be short, along the shoreline.

However, if at any time you wish to 'opt out' that will be fully acceptable and understood. In view of the uncertainties of the weather you are strongly advised to bring all waterproofs and walking boots – particularly as you will be walking over rough ground.

The geology of the Yorkshire Coast



Geologically, the area is at the same time relatively simple, but also extremely interesting. The oldest rocks come from the Jurassic and there's a good sequence of rocks from the Middle and Upper Jurassic in the area. Some the sedimentary environments are particularly interesting with evidence for very shallow water in the form of numerous horizons where burrowing took place. There's also evidence for reefs in places. We may also see a small coal seam! The highest Jurassic beds are the fossiliferous Kimmeridge Clays.

The Cretaceous sequence comprises the Speeton Clay with its interesting fauna and mineral content. This is overlain by the Red Chalk and finally the main Chalk sequence with its many flint and marl bands. Faulting and disturbance of the Chalk can be seen on the coast around Flamborough and also inland.

Turning to the landscape and the Quaternary, a buried cliff can be seen at Sewerby just north of Bridlington. There's plenty of evidence for what happened along the coast during the Quaternary in the form of deep valleys such as that seen at Forge Valley just to the west of Scarborough. We'll also be able to see lots of exotic pebbles on the beaches.

Accommodation & Food

The Cumberland Hotel is another in the chain owned by Lancashire based Leisureplex, the largest employee owned company in the hospitality sector. They will provide us with comfortable ensuite rooms, including 8 singles, along with evening meals and breakfasts. We will also take packed lunches for each field day. This 3-star hotel is well situated and has ratings of 4.5 on TripAdvisor.

Itinerary

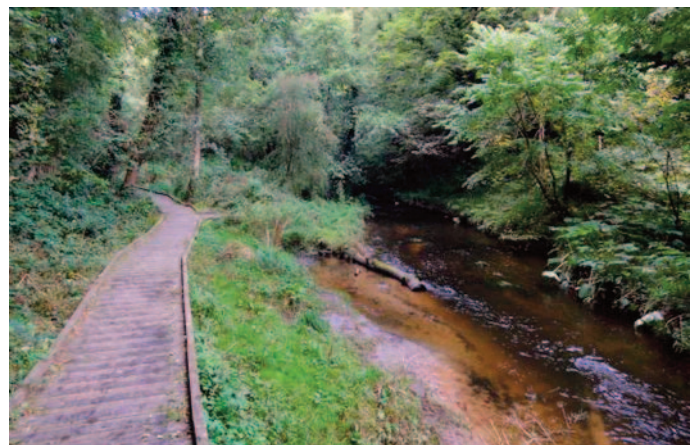
The following is not intended to be prescriptive, but to give you an idea of what we hope to cover during this trip, weather and tides permitting:-

- The Upper Jurassic sediments of Cayton Bay & Filey Brigg
- The Lower Cretaceous Speeton Clays and the Red Chalk.
- Jurassic fossiliferous rocks of Robin Hood's Bay and Whitby.
- Upper Jurassic dinosaur footprints of Scalby.
- Rocks and glacial evidence of Forge Valley.
- Jurassic rocks of Scarborough and the William Smith Museum

In order to get the most out of your short trip, we'll finish around 12 noon on the final day.

Cost

For 2 people sharing a double or twin room, the cost of the 5-night trip will be £895.00 per person (sharing) and £995.00 single (maximum 8).



What's included in the cost?

- The services of Chris Darmon & Colin Schofield as tutors, who will be available to you at all reasonable times
- Accommodation and meals as specified here
- The cost of all transport used during the trip
- Admission to any museums, exhibitions etc. as visited by the group

What's excluded from the cost?

- The cost of travel between your home and Scarborough
- Travel insurance
- Incidental expenditure

Insurance

Everyone booking a place and paying a deposit is strongly advised to take out holiday insurance. This can cover you against loss of money in the event of cancellation etc. Cover is often included in with your credit card or bank account.

Booking

Please fill in and return a completed booking form.. Your booking will be confirmed upon receipt of either a deposit of £300.00 per person or the full payment. The balance of the brochure price will be due by March 31st 2025.

This trip will run provided a minimum of 10 people have booked by December 31st. 2024.

Your money...

Upon receipt, all monies paid for these trips are placed in a specific 'client trust account' where it cannot be drawn by us until after completion of the tour. This is in accordance with EU Directives and ensures that your money is safe in the unlikely event of corporate failure by Geo Supplies.

What happens next?

As soon as we are in a position of confirming that the trip will run - pretty soon judging by the number of people who have shown an interest already - we will let you know. You will then be free to start making your own travel plans and to take advantage of any advance fares on train.

Please don't make any such arrangements until we have been in touch with you.

Please also see information contained in our 'Residential Field Trips 2024/5'

