

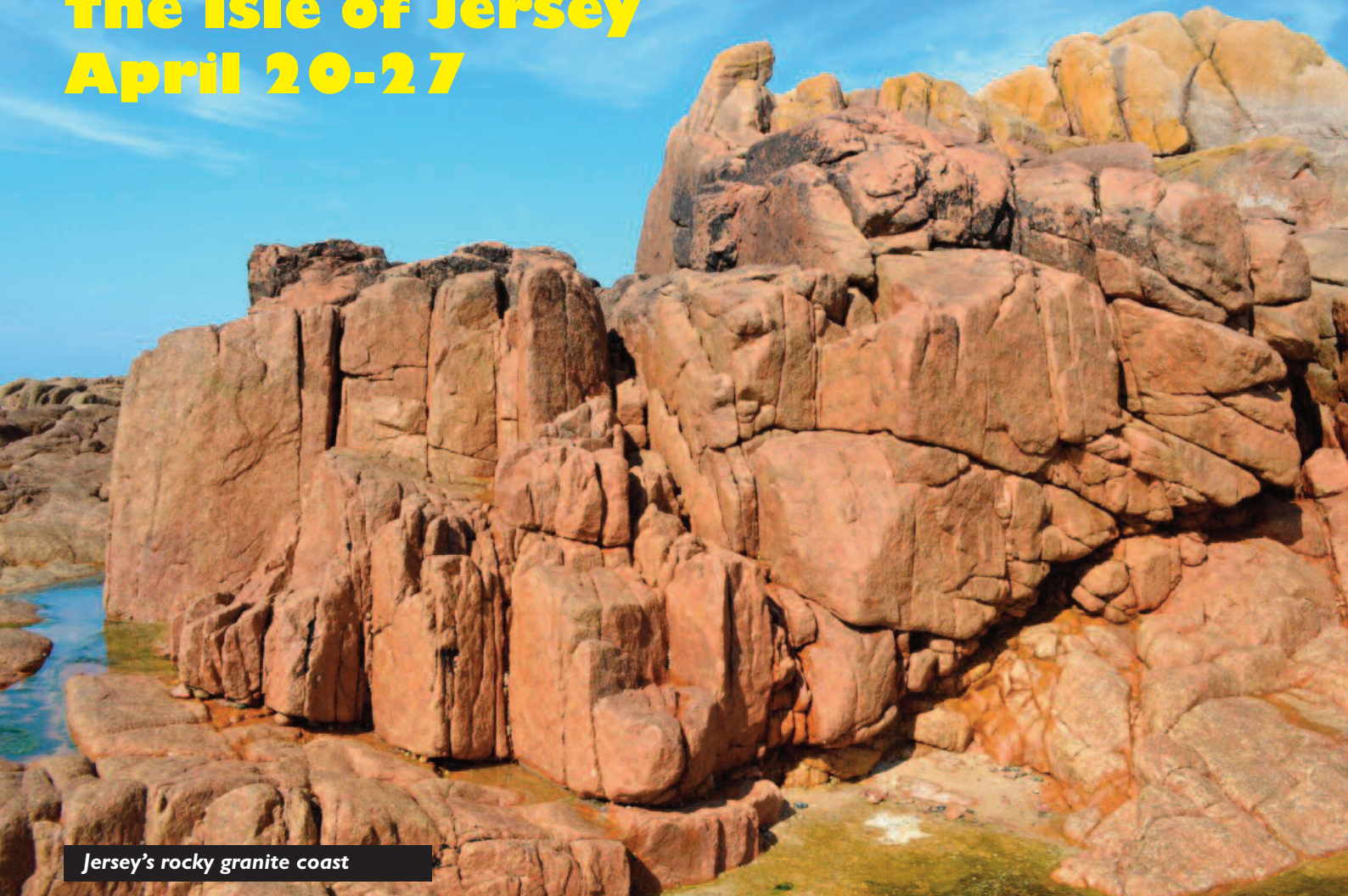


Down to Earth

"Earth science learning for all"

The Isle of Jersey

April 20-27



Jersey's rocky granite coast

A word from your leaders...

The Channel Islands of Jersey and Guernsey have a rich and varied geology that closely resembles that of Brittany. A couple of years ago we visited Guernsey but it's nearly 10 years since we last visited Jersey.

Jersey is easy to reach by air from all parts of Britain and is served by a number of different airlines, including Flybe, Jet2, Thomas Cook and the locally based Aurigny. At this time of year you should have no difficulty in finding a flight from your local airport. You can also sail daily from Portsmouth and Poole with Condor Ferries. Once on Jersey, the most popular way of getting around is to hop on and off the frequent local buses that criss-cross the island to a regular timetable.

During our week, we would hope to sample something of all the island's geology including a wide range of igneous and sedimentary rocks, which form a very varied and beautiful coastline. These rocks date from the Precambrian and Lower Palaeozoic, spanning around 1,500 million years of geological time. In addition to solid rock formations, the island also provides us with lots of Quaternary deposits and the tell tale signs of recent changes in sea level.

The week will be based at the family owned, seafront, three star, Hotel Ommaroo. This hotel has an excellent reputation for looking after groups and seems to be similar to the Peninsular Hotel that we used on recent visit to Guernsey. They can provide a range of rooms including premium seaview rooms. The restaurant will provide our breakfasts and evening meals.

Thanks to the relatively low price of this trip and the prospect of some warm Spring weather, we expect this trip to attract a high level of bookings, so you are strongly advised to book as soon as possible to avoid disappointment. This is especially the case if you are looking for a single room as these are limited in number.

Chris Darmon & Colin Schofield
Field Trip Organisers/Leaders

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Getting to the area

There's plenty of choice about getting to Jersey. You can join the Condor Ferry in Portsmouth for a leisurely journey, or the fast ferry from Poole. If you'd like to fly, there are lots of choices with Flybe, Jet2, Thomas Cook and also the local airline Aurigny. Once you arrive in Jersey, there are buses to St Helier, and taxis to the hotel.

Getting around on the trip

For this trip we will make use of the excellent local bus services on the island, making use of an unlimited travel 'hop on, hop off' ticket. This allows us to get quite close to all of our locations. It also allows Colin and Chris to spend much more time explaining the geology, instead of keeping an eye on the road!

Walking

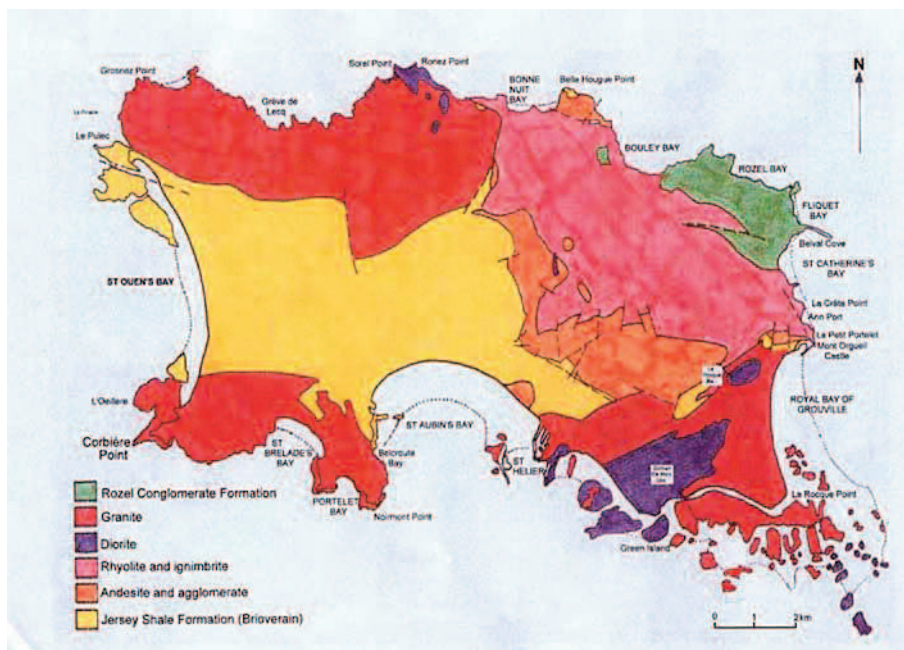
Everything should be within the capabilities of all of the party. We will always try to get as close as possible to the sites, but this may mean that there are some walks of a mile or so, to see the best exposures. There will be some short sections of steep ascents and descents. However, if at any time 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.

Why the Isle of Jersey?

Whilst the geology of Jersey and Guernsey is very similar to each other, it's very different to anything found in England. There's an ancient Precambrian basement composed of various igneous rocks. This has been strongly affected by the Cadomian Orogeny between 700 and 450 Ma.

The earliest rocks in Jersey are the Late Proterozoic Brioverian volcanics and sediments, with rhyolites, andesites and a thick shale unit. There are also more exotic rocks such as agglomerates and ignimbrites. Cadomian Orogeny, had a major impact on the island and several intrusions are attributed to this time. Some the youngest rocks are intrusions dating from the Silurian. There's an excellent conglomerate unit called the Rozel Formation.

Finally, Jersey provides excellent sections in a variety of different Quaternary deposits, including rubbly head from the last Ice Age and rounded pebbles from raised beaches. There's even some wind borne loess material. The solid rock and superficial deposits combine to give Jersey a very varied and interesting landscape.



Accommodation & Food



Good food and a good night's rest are important elements to our trips and we have worked hard to bring you the best local accommodation. Following on from our excellent experience on Guernsey we sought a similar hotel that was used to dealing with groups such as ours. I'm pleased to say that we have found the Ommaroo Hotel on the seafront in St Helier which fits the bill perfectly! It's family owned by the same family for several generations and has an excellent reputation. They have a range of different en suite rooms and you can upgrade to a superior room if you wish. They will provide us with breakfasts and evening dinners. Packed lunches will be taken for each field day and will be purchased from a local bakery.

Single rooms are limited and subject to a fairly modest extra charge. We are happy to help anyone looking for someone to share a twin bedded room – simply indicate on the booking form.

Itinerary

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

- The Southeast igneous complex around St Helier, including diorites and gabbros
- Dykes and layered intrusions of Green Island and Le Nez
- Extrusives, intrusives and recent deposits of Eastern Jersey

- Ancient and modern sediments in St Aubyn Bay, Southwest Jersey
- Granites of Northwest Jersey
- Building stones of St Helier
- Rocks and landscape of the Devil's Hole
- Coastal landscapes in the Rozel Formation, Northeast Jersey

Cost

For 2 people sharing a double or twin room, the cost of the 7-night tour will be £895.00 per person or £1050.00 in a sea view room; for single occupancy, the cost will be £995.00 per person.

If you are willing to share, but don't have a companion, just indicate on the form and we will try to help you.

The Jersey Shale Formation



What's included in the cost?

- The services of Chris Darmon and 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, including to the airport at the end
- Admission to any museums, as visited by the group

What's excluded from the cost?

- The cost of travel between your home and Jersey and to the hotel
- Travel insurance
- Incidental expenditure
- Lunch on the final day

Insurance

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



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.

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 January 31st 2019.

This trip will run provided a minimum of 15 people have booked by September 30th. 2018.

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

Quaternary drift deposits on top of solid geology

Please also see information contained in our 'Residential Field Trips 2019'

**If you have any questions or queries - contact Chris Darmon as follows:-
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