**Spittal, and Cocklawburn beach**

**Date: Sunday 9th June 2019**

**Leader:** Dr Ian Kille

**Aim:** The aim of the walk is to explore the early Carboniferous sedimentary sequences exposed here which are rich in variety and sedimentary textures as well as fossiliferous in places. The cyclic nature of these sequences with repeated interdigitation of marine limestone beds, can be used to give an insight into what the early Carboniferous environment would have been like. The presence of some distinctive structural features overlaid on these sedimentary rocks also gives an opportunity to explore the tectonic setting which wraps around the formation of these sediments. This can be used to place this in the context of regional tectonics, bracketed by the Caledonian and Variscan Orogenies, which subsequent walks will explore, notably on the Berwickshire Coast.

**Meet: 11.00** at the south end of **Spittal Promenade**. GR NU011508.

**Duration 11.00** start, and the walk should be concluded by about **16:00**

**Route:** The first part of the walk will look at the sedimentary sequences in the coastal section south of **Spittal**.  The second part of the walk will start from **Cocklawburn** **Beach** (GR NU027485) where we will also have lunch at about 13:00.

**Equipment:** This is a coastal walk in two parts to a total of about 6km. Some of the walk will be on rocky foreshore which can be very slippery particularly when wet. Strong walking boots are required and walking poles advised.

**Logistics:** Toilet facilities: Toilets may be found in Spittal and at “Pot-a-Doodle-Do” a cafe that we pass en-route to Cocklawburn Beach.