

Conserving Herefordshire's Ice Age Ponds, Moccas Park field Trip

Date 6th March 2019

Led by Professor Ian Fairchild with Beth Andrews



The purpose of the visit was for the group to see a large kettle hole and find out about the investigations which the project is carrying out. For the significance of Moccas Park as a National Nature Reserve see <https://www.gov.uk/government/publications/herefordshires-national-nature-reserves/herefords-national-nature-reserves>.



We were shown Lawn Pool and Beth took measurements of the acidity of the water. Taking other measurements was hampered by the heavy rain.

We had learned that kettle holes are found in areas of till, where there are glacial deposits. Also, that the ponds have no outlet of water and tend to be round. We were able to see an exposure of till which was boulder clay. This was characterised by pebbles, flat on one side and with possible striations along one face.



When the rain ceased we walked round the deer park looking at the ancient trees and were also introduced to using an auger to take soil samples at different levels.

These were checked against the new style Geolabs Colour Chart and Grain Size Chart.

