

**CYNGOR CEFN GWLAD CYMRU
COUNTRYSIDE COUNCIL FOR WALES**

SITE OF SPECIAL SCIENTIFIC INTEREST CITATION

CARMARTHENSHIRE

MYLETT ROAD SECTION

Date of Notification: 1985

National Grid Reference: SN 268144

O.S. Maps: 1: 50,000 Sheet number: 158
1: 25,000 Sheet number: SN 21

Site Area: 0.4 ha

Description:

The Mylett road section shows the best tectonically undisturbed section through the Mydrim Shales in their entire area of outcrop, and the only section with a clearly visible boundary with the overlying Shoalshook Limestone Formation. A significant part of the richly fossiliferous Shoalshook Limestone is exposed here in the area of its maximum stratigraphical development. The road section has yielded abundant graptolites and trilobites. A key site in studies of Ordovician stratigraphy in Wales.

In layman's terms, the interest of this site may be expressed more simply, and such a statement is provided below. This should not be taken as definitive and further information as to details of the interest can be obtained from the Nature Conservancy Council.

This road section provides fine exposures of the Mydrim Shales and Shoalshook Limestone, two important geological units which have a fairly widespread outcrop in this part of Wales. The rocks are of great antiquity, dating back to a period of geological time when most of this area lay beneath the sea. Both the Mydrim Shales and the Shoalshook Limestone are rich in remains of animals which lived in the seas during this period and are now preserved as fossils. Detailed study of the assemblage of fossils which occur has enabled geologists to establish the relative ages of these units and also to correlate these with rocks of similar age in other parts of Wales.

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