

**Site Name: Craig-y-march**

**Grid Ref: SN 582827**

**RIGS Category:** Aesthetic & Scientific

**Earth Science Category:** Structural Geology

**Geology 1:50,000:** BGS Sheet, Llanidloes 164

**RIGS Statement of Interest:**

Craig-y-march is a set of cliffs and terraces, with a total height of almost 100 m and about 200 m in length from north to south, set in a remote cwm on the north side of Plynlimon and several kilometres from a surfaced road. The crags are carved into the limbs and hinge of a spectacular anticlinal fold, a huge structure perfectly exposed in 3 dimensions. This text-book example of a fold is clearly seen from locations several hundred metres to the north and on aerial photographs, and may be studied in detail at the RIGS. It is an excellent example of the outcrop-scale upright folds developed in western Central Wales. The anticline has not been studied in any detail by structural geologists. However, the site offers opportunities to examine geometrical relationships between folds and cleavage, notably the phenomenon of transection which is found widely in Central Wales but whose origin and regional significance are not fully understood. The RIGS is within the British Geological Survey Llanidloes map sheet which is being investigated by survey staff this year (2006). That work may shed more light on folding processes in Central Wales, using this RIGS for information.

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