

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

SITE OF SPECIAL SCIENTIFIC INTEREST CITATION

ANGLESEY

BWRDD ARTHUR

Date of notification: 1957, 1985

National Grid reference: SH586815

O.S. Maps 1:50,000 Sheet number: 114
1:25,000 Sheet number: SH58

Site Area: 17.1 ha

Description:

Bwrdd Arthur, a small flat-topped Carboniferous Limestone hill reaching an altitude of 160m, is designated for its botanical interest.

It is one of the larger and more diverse limestone sites in West Gwynedd. A number of plant communities are represented including limestone grassland, calcareous heath characterised by the presence of heather *Calluna vulgaris*, bell heather *Erica cinerea* and western gorse *Ulex gallii* and scrub with stands of common gorse *Ulex europaeus*, elder *Sambucus nigra*, hawthorn *Crataegus monogyna*, blackthorn *Prunus spinosa* and bramble *Rubus*. The limestone grassland includes characteristic species such as common rockrose *Helianthemum chamaecistus*, pale St. John's-wort *Hypericum montanum*, long-stalked crane's-bill *Geranium columbinum* and meadow oat-grass *Avenula pratensis*. The limestone exposures support the nationally rare species, hoary rockrose *Helianthemum canum* and ivy broomrape *Orobanche hederæ*, whilst a number of uncommon bryophyte species occur on its south-facing slopes including *Bryum canariense*, *B. elegans* and *Isoetecium striatulum*.

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