

# EC Directive 92/43 on the Conservation of Natural Habitats and of Wild Fauna and Flora

## Citation for Special Area of Conservation (SAC)

**Name:** Phoenix United Mine and Crow's Nest  
**Unitary Authority/County:** Cornwall  
**SAC status:** Designated on 1 April 2005  
**Grid reference:** SX265723  
**SAC EU code:** UK0030238  
**Area (ha):** 48.72  
**Component SSSI:** Crow's Nest SSSI, Phoenix United Mine SSSI

### Site description:

This site on the south-eastern edge of Bodmin Moor supports important communities of plants indicative of metal-rich soils (metallophytes). The legacy of a long history of copper and tin extraction survives as mine spoil which has been colonised by a number of metallophytic bryophytes. In particular, the site supports the only known site in the world for the endangered Cornish path-moss *Ditrichum cornubicum*. Other notable metallophytes include the liverworts *Cephaloziella massalongi* and the endemic *C. nicholsonii*, both associated with copper-rich substrates, and the mosses *Pohlia andalusica* and *Scopelophila cataractae*. Many other notable bryophytes have colonised the spoil, including the liverworts *Cephaloziella integerrima*, *C. stellulifera*, *Lophozia sudetica*, *Gymnomitrium obtusum* and *Marsupella funckii*, and the moss *Ditrichum lineare*. The vulnerable liverwort *Cephaloziella calyculata* grows on derelict mine buildings.


**Qualifying habitats:** The site is designated under **article 4(4)** of the Directive (92/43/EEC) as it hosts the following habitats listed in Annex I:

- Calaminarian grasslands of the *Violetalia calaminariae*. (Grasslands on soils rich in heavy metals)

This citation relates to a site entered in the Register of European Sites for Great Britain.

Register reference number: UK0030238

Date of registration: 14 June 2005

Signed: 

On behalf of the Secretary of State for Environment, Food and Rural Affairs