



## Welsh woodlands in context

Oceanic upland woods.

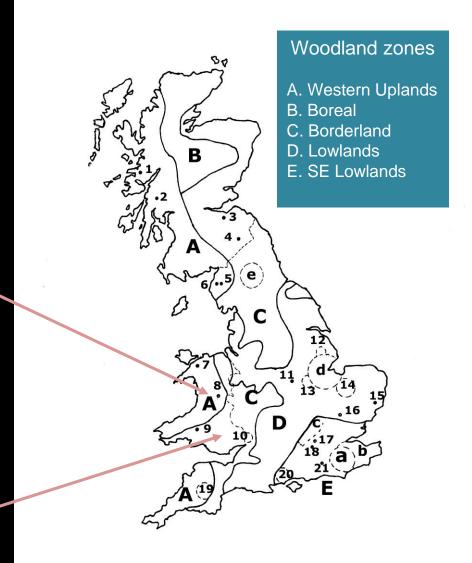
North and west Wales. Part of a zone extending the length of the western seaboard.

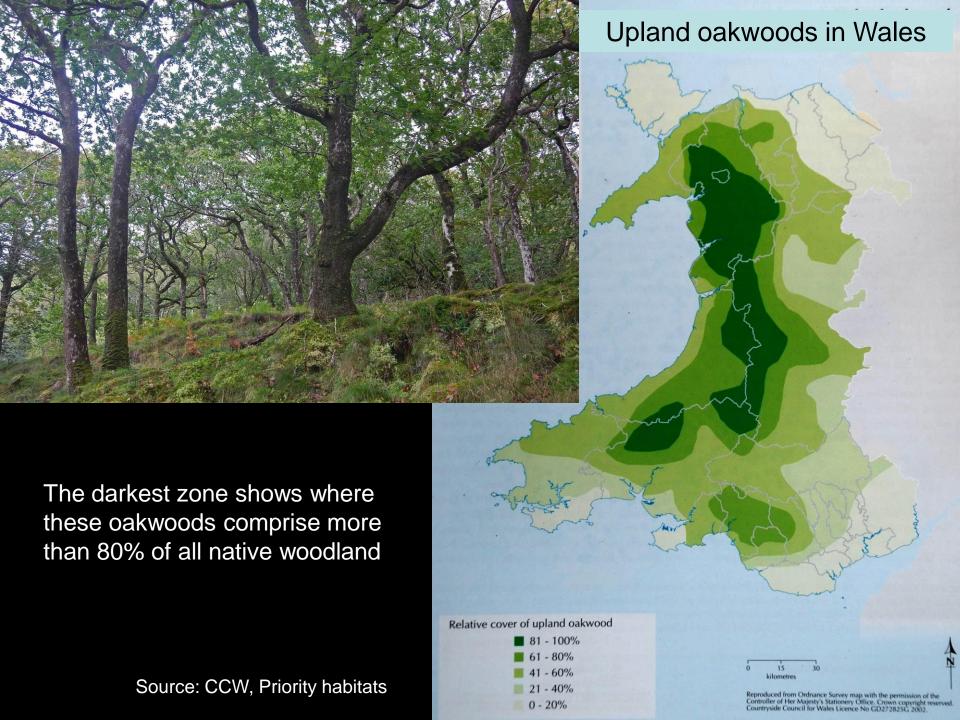
Oaks (mainly sessile), birches, hazel; ashwych elm on more fertile ground

## Borderland woods

South and east Wales. Part of a zone extending from NE Scotland to SW England.

Ash, wych elm, hazel, maple; birches, oaks; locally beech, both limes; diverse minor trees and shrubs







## Long-term history of Coed Ganllwyd

Rapid oak regeneration to alltime high

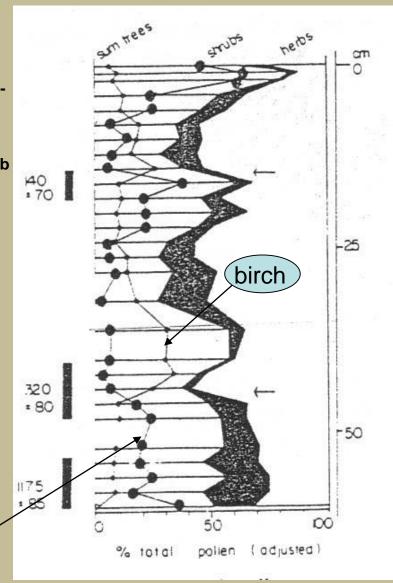
Oak decline and birch + shrub increase 140 years ago

Shrubs common amongst birch and oak. Coppicing recorded

Oak decline and birch increase 300 years ago

Other tree species form significant minority

oak



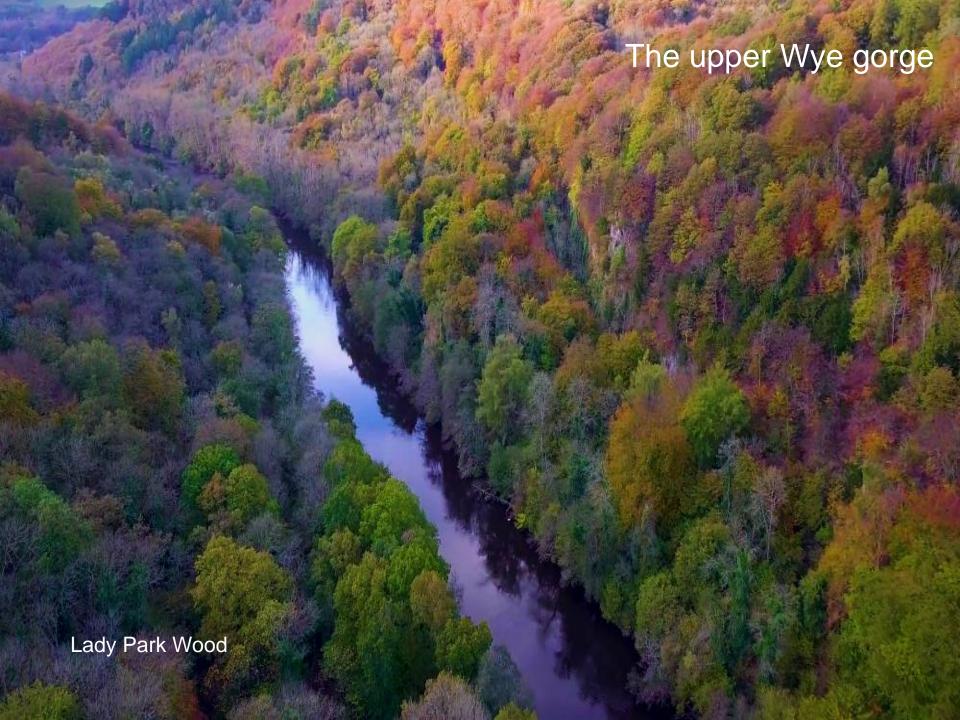


Oak-dominated stand, even-aged, originated c.1850.

No evidence of sustained grazing.

Many rare oceanic bryophytes



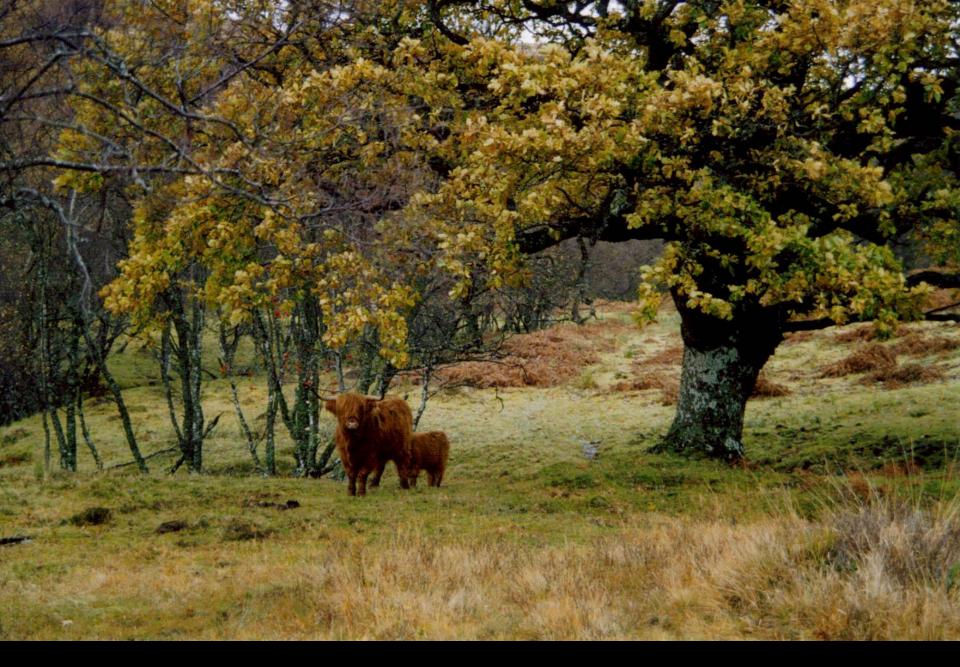




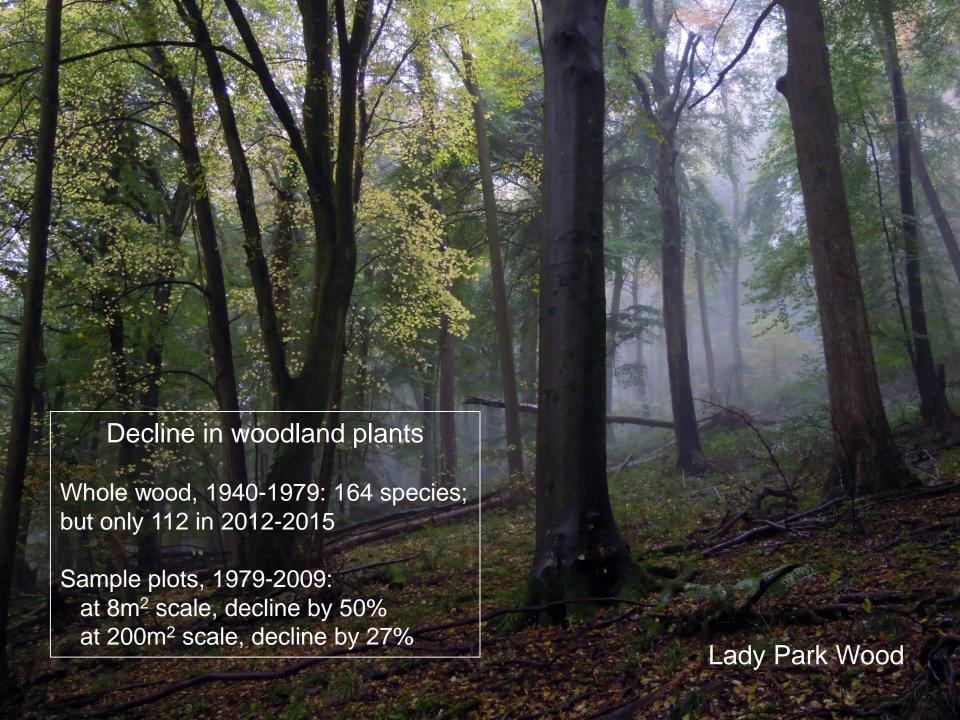
Woods at Tintern, c.1900, still coppiced

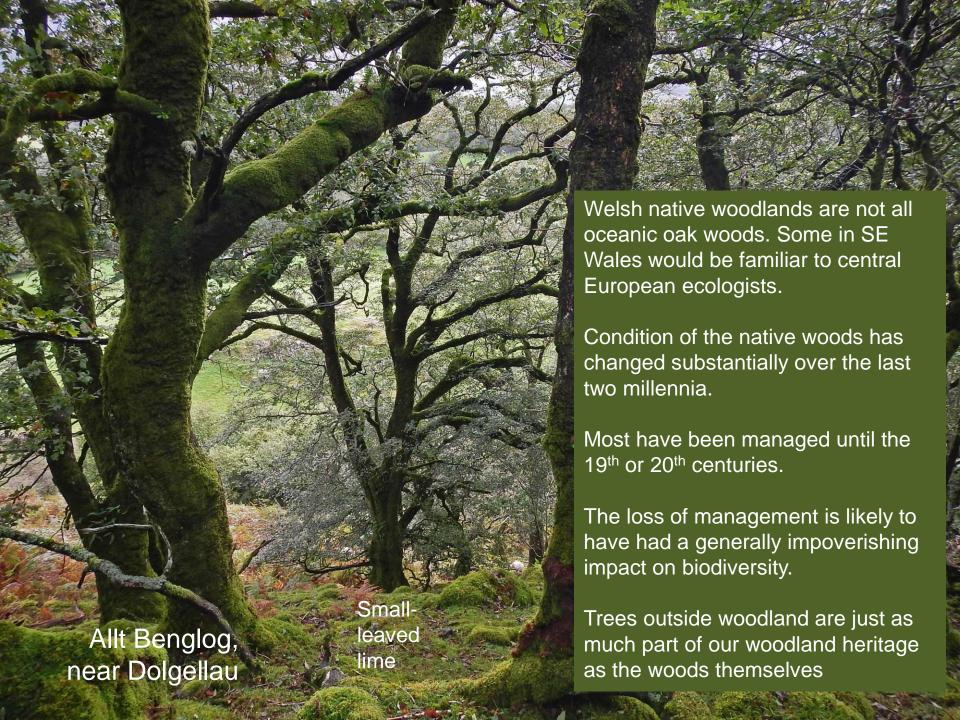
## Outline history of woodland in Wales

	Oceanic zone	Borderland zone
Pre-Neolithic	Oak and wych elm as common constituents of mixed woodland	Mixed woodland, including limes and beech
Wood pastures	Extensive wooded pastures with irregular patchwork of parkland, groves, pollards, coppice. Still widespread in 18C	Wooded pastures less extensive; much diminished by 17C
Coppice	Many oakwoods planted and coppiced in 18C and 19C.	Many woods coppiced at least from 16C to mid 20C
High forest	Many replanted oakwoods treated as high forest in 19C	Limited conversion to high forest beech woods
Neglect	Largely unmanaged and used as sheepwalk in 20C	Coppicing widespread in early 20C, but largely died out by 1980s



Sunart wood-pasture









Part of Monmouthshire

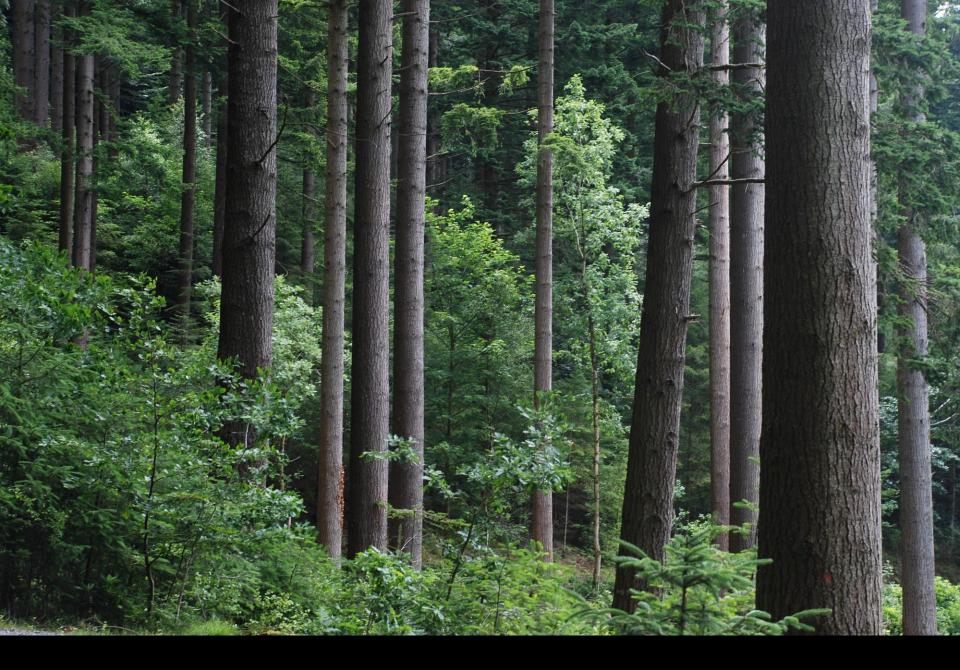


Near Machynlleth



Cwm Nantcol, near Llanbedr





Coed y Brenin























