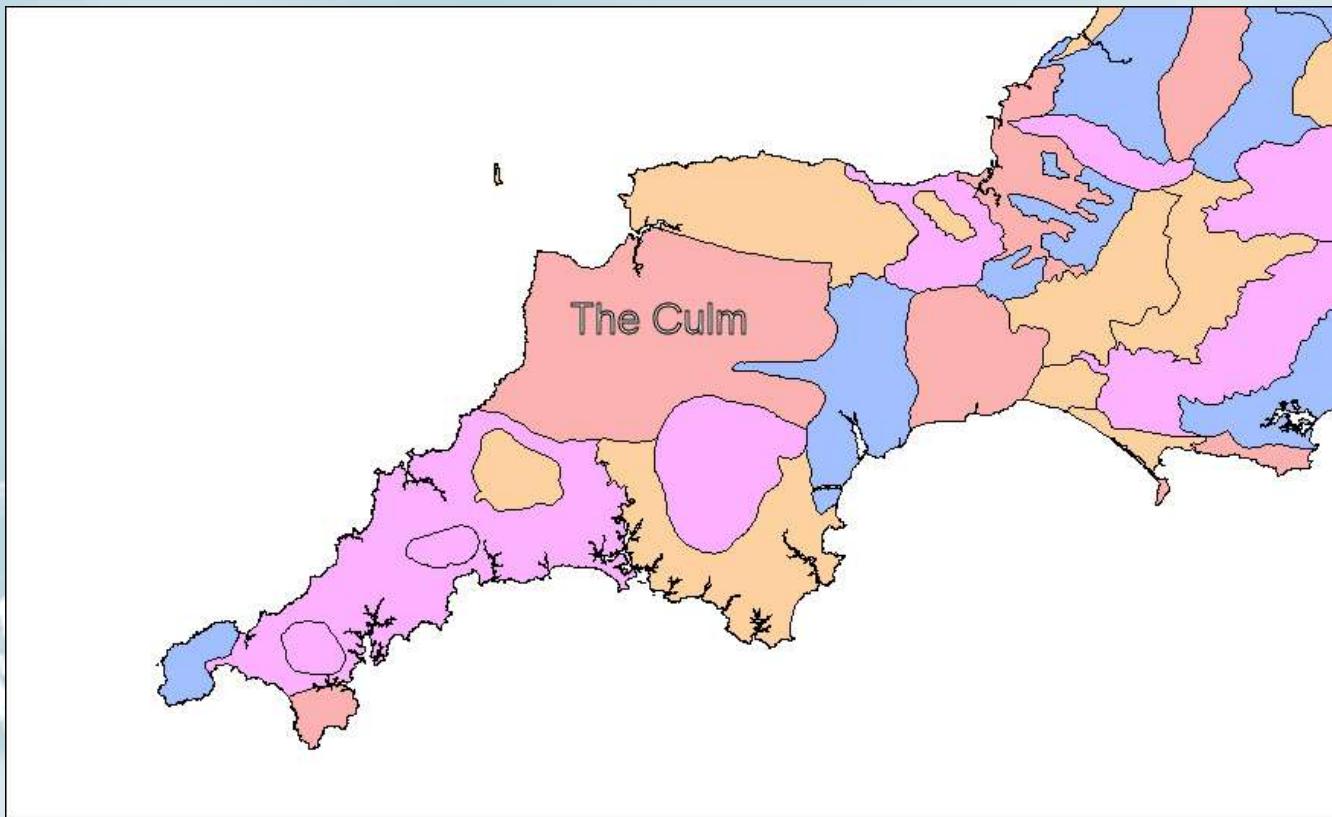


Thinking BIG Starting Small



Peter Burgess





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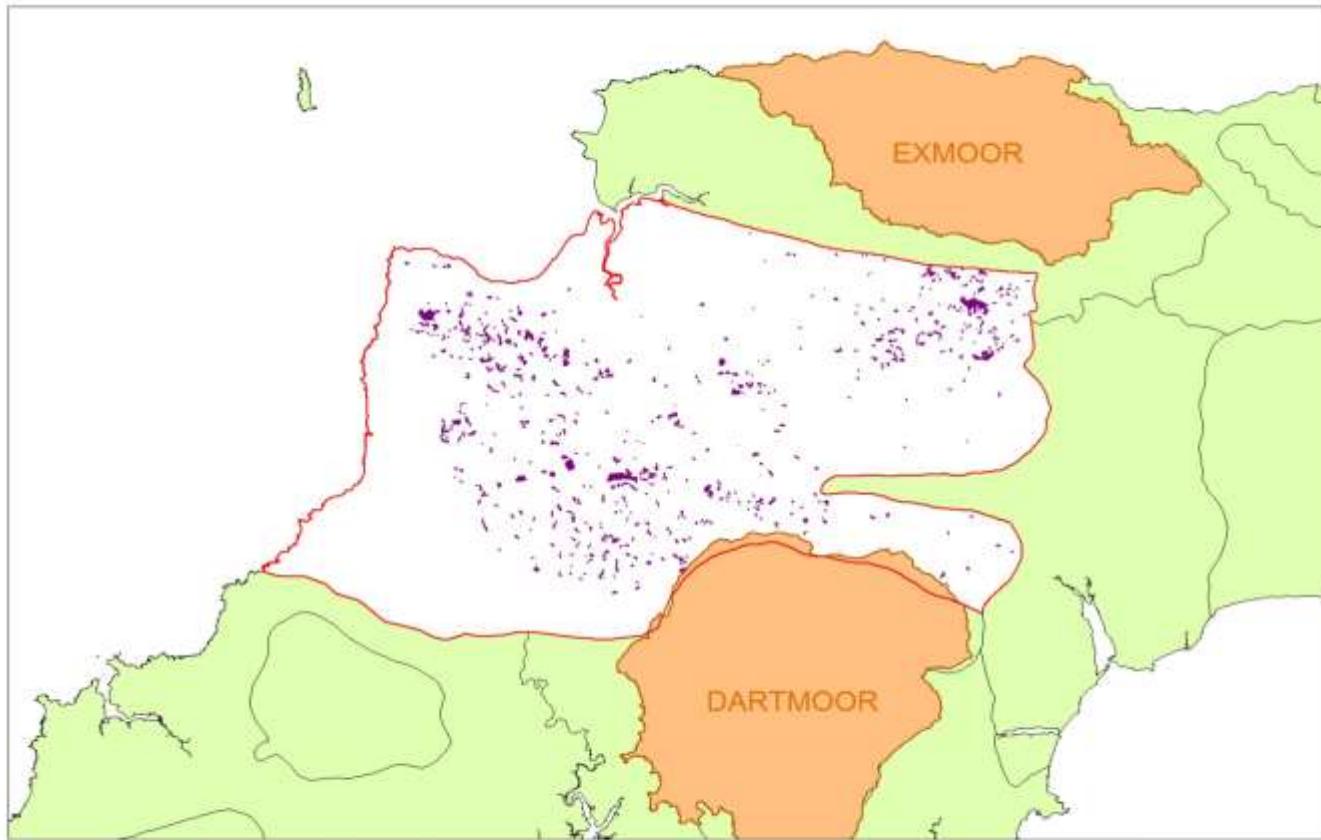


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**The remaining Culm grasslands cover only
5,000ha and are fragmented across 570 sites.
(In 1900 there were circa 29,500ha)**



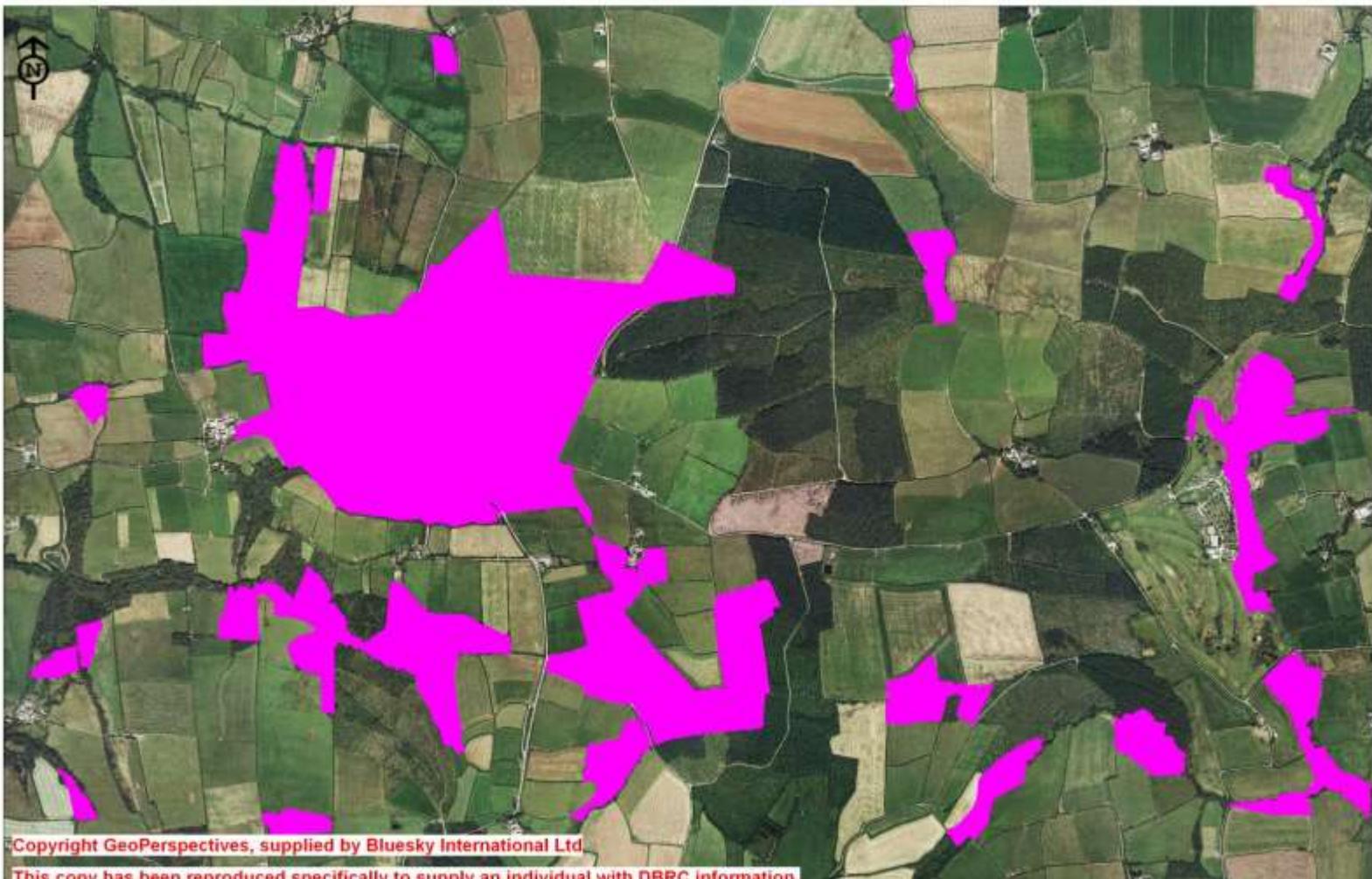
Culm Grassland 1947



Culm Grassland 1947



Culm Grassland 2007



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CULM GRASSLAND
THE JEWEL IN DEVON'S CROWN



A CONSERVATION STRATEGY FOR THE
CULM GRASSLANDS OF DEVON

DEVON WILDLIFE TRUST

July 1990

Inventory of
Culm Grassland Sites
in Devon

DEVON
Biodiversity
RECORDS CENTRE

1998 Revision

Volume 1

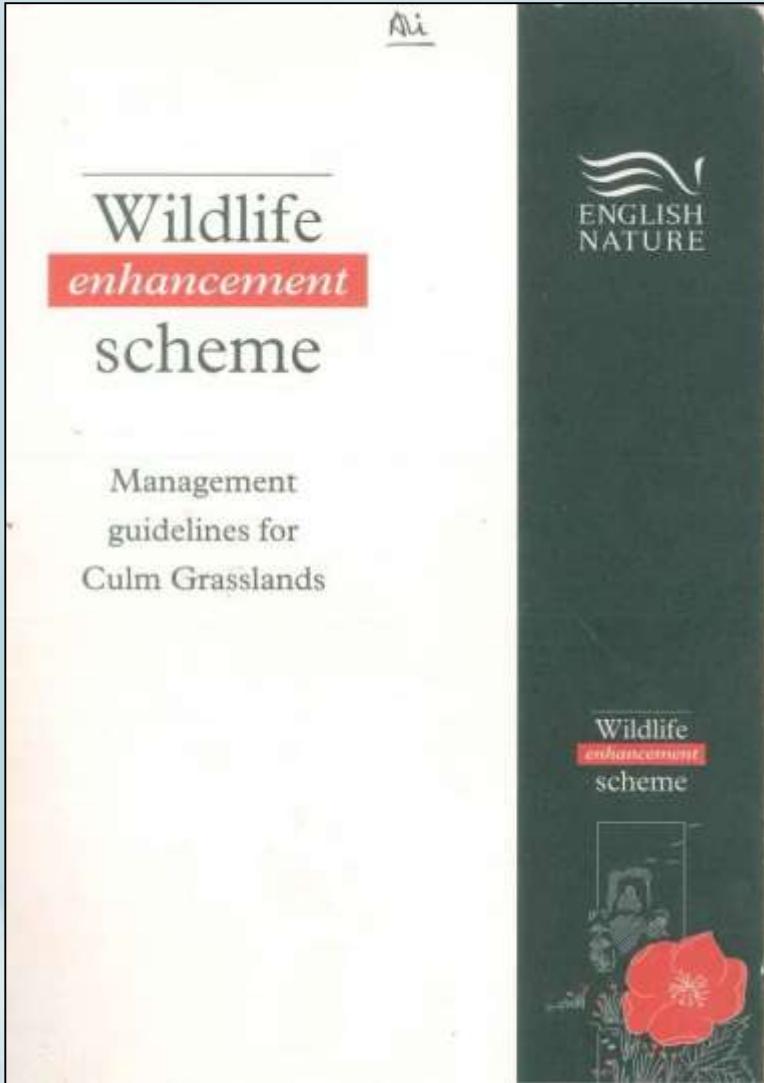
1984-1989
61% sites lost outside of SSSI's



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South West Forest

creating jobs ~ improving landscapes ~ benefiting communities



EVALUATION SUMMARY

"South West Forest has been effective in achieving significant results, and its outputs represent a good return on investment and good value for money."

PACFC report, 2006.

www.southwestforest.org.uk

The Land Between the Moors

A SUSTAINABLE LAND MANAGEMENT STRATEGY FOR THE CULM AREA OF NORTH DEVON AND EAST CORNWALL

The Countryside Agency



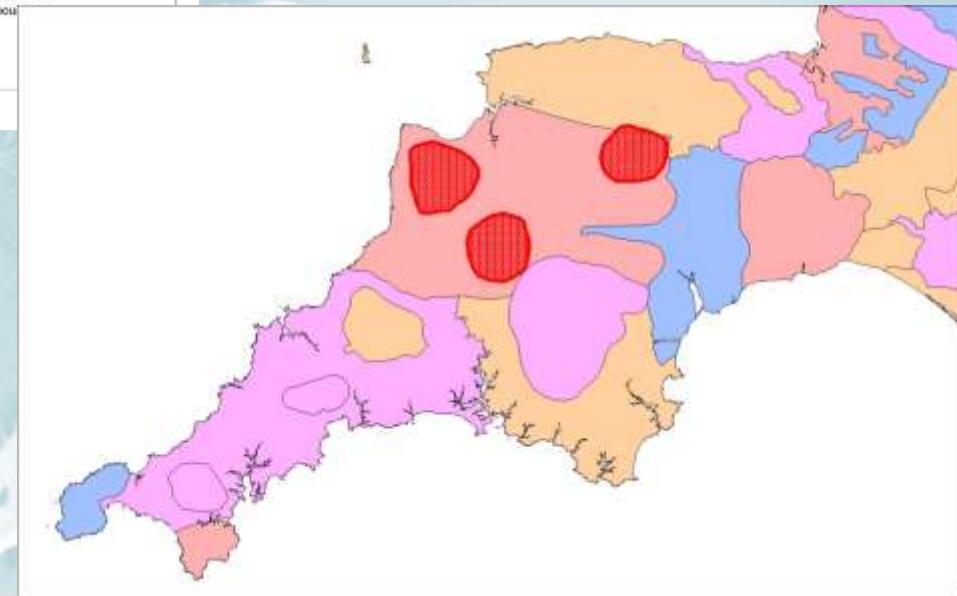
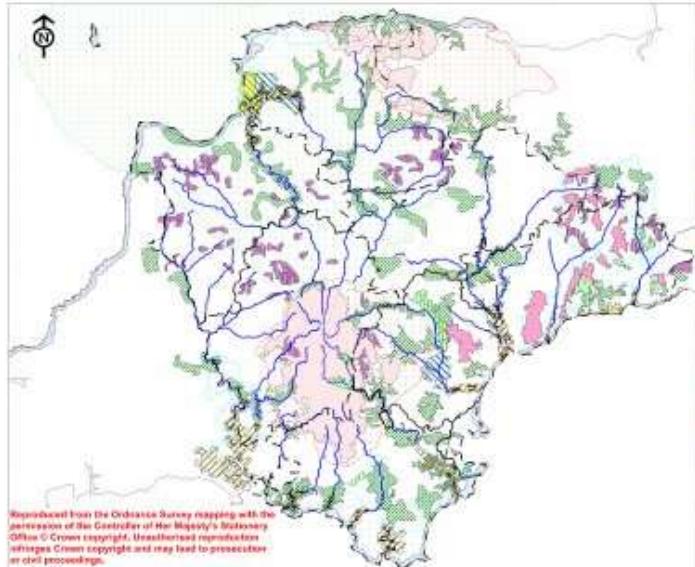
Butterfly
Conservation

Re-connecting the Culm



Top: North Devon Red Cattle
Bottom: Marsh Fritillary

A practical guide to
managing Culm landscapes



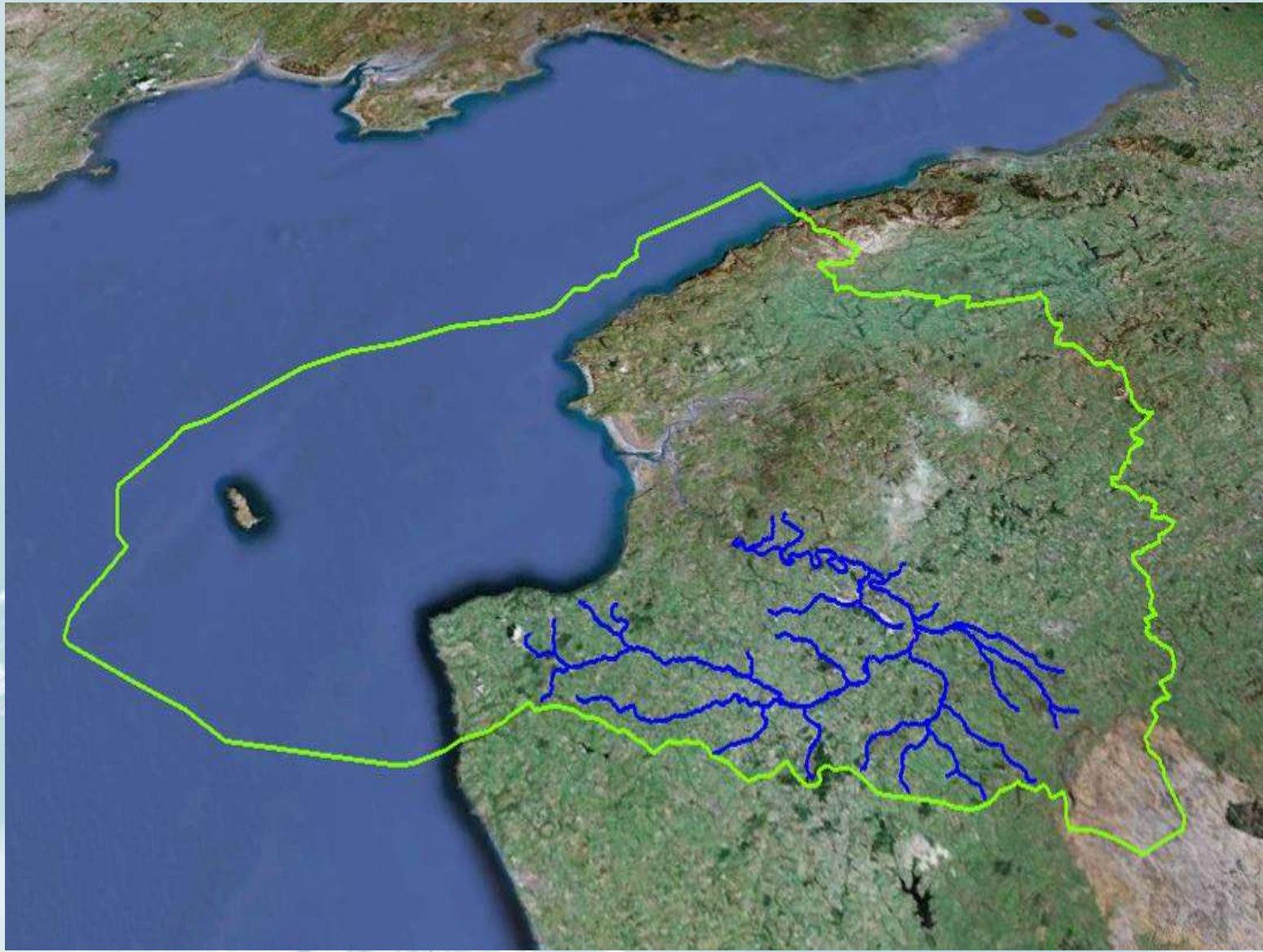
THE
tubney
CHARITABLE TRUST



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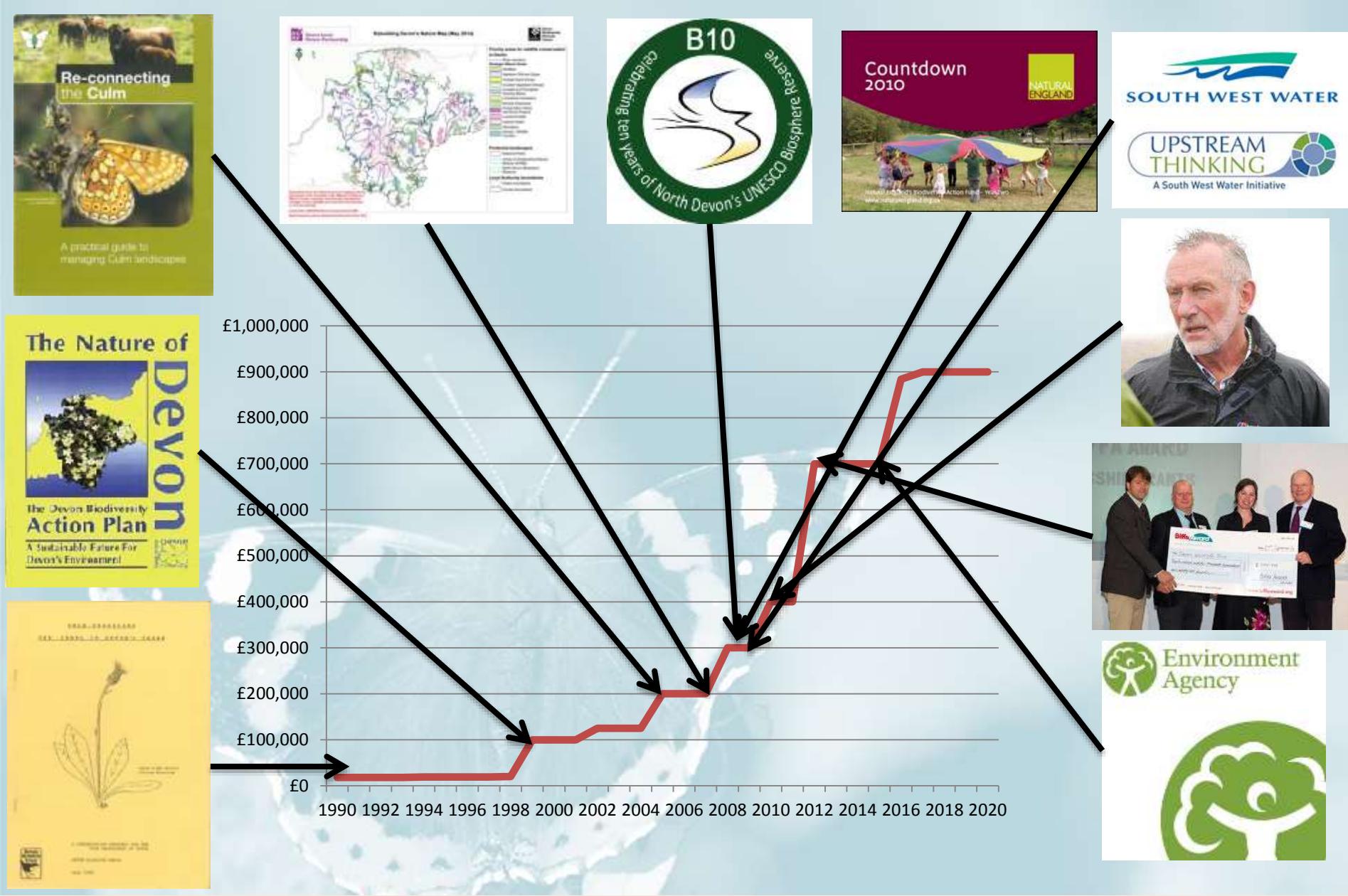




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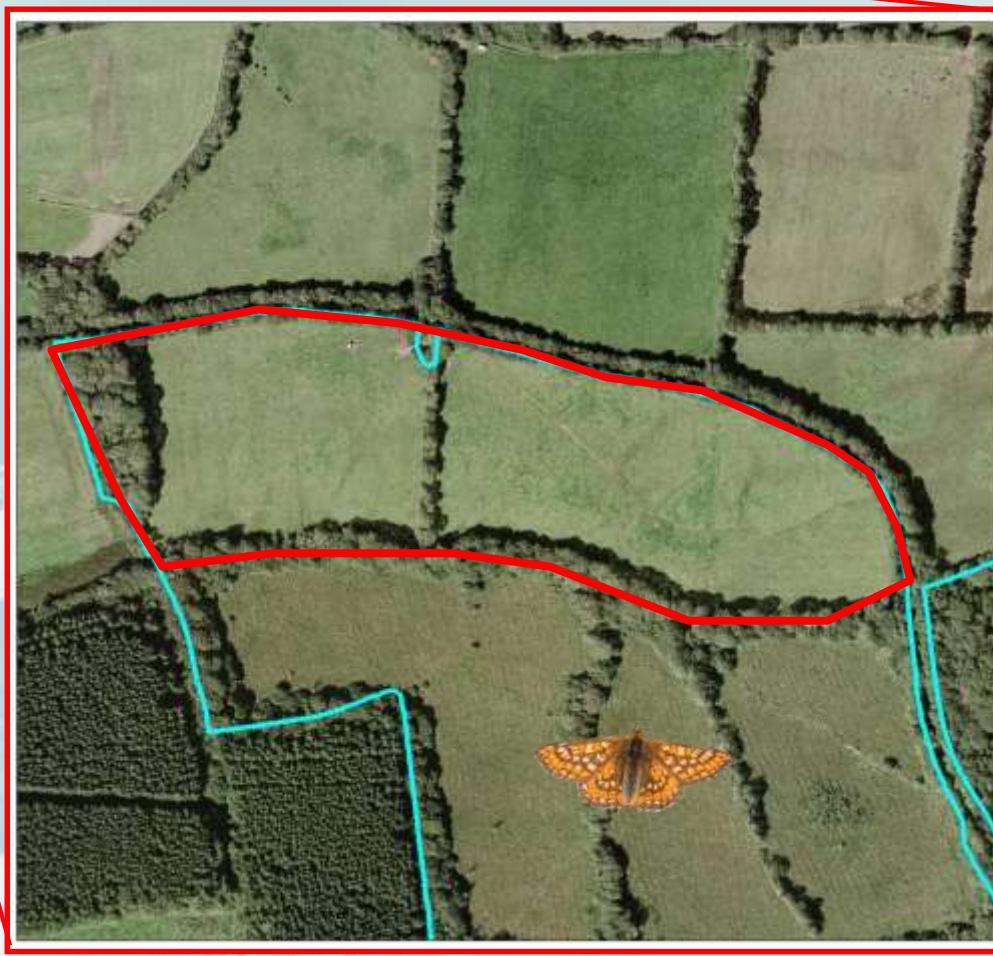




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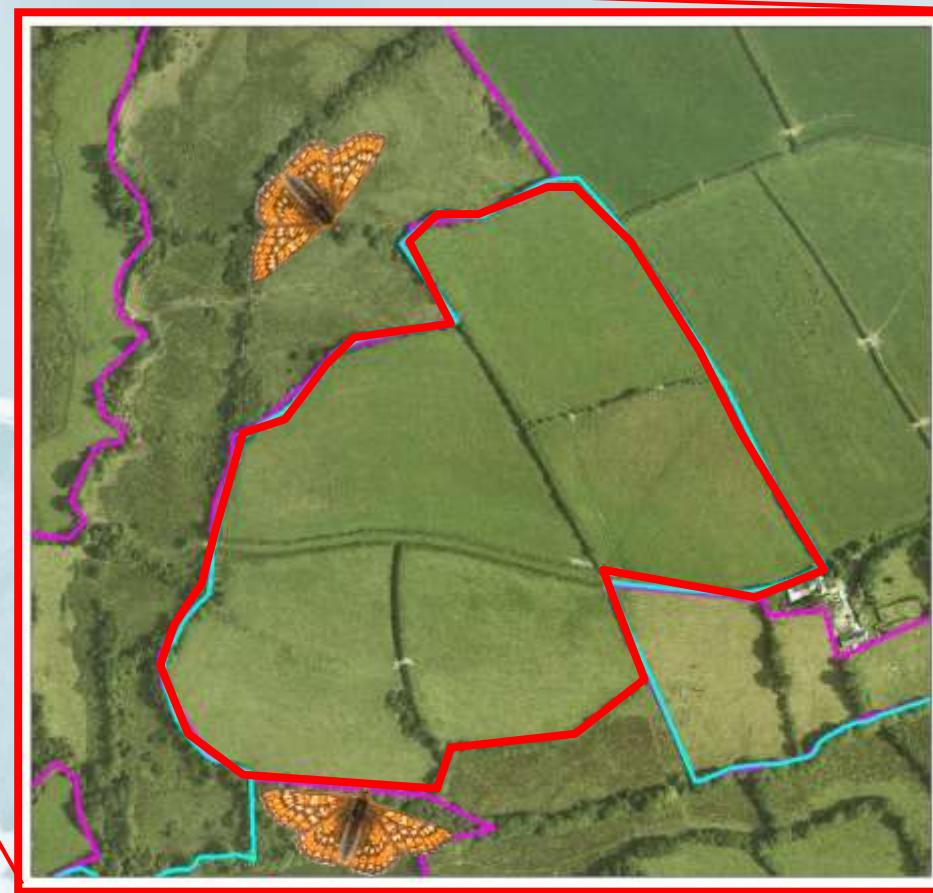


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Re-creation





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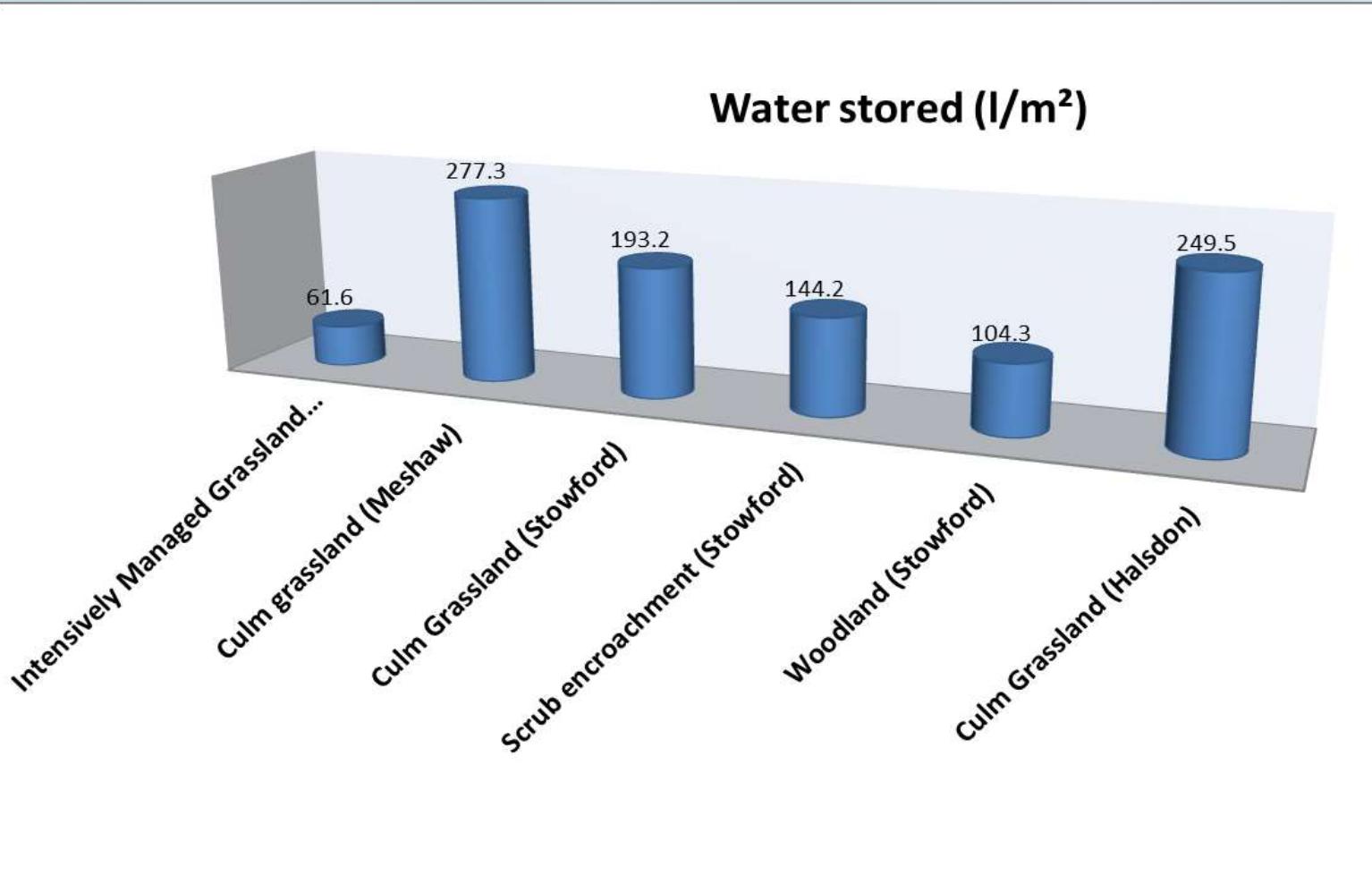
Quantifying Benefits of Culm grasslands on Rivers and Streams



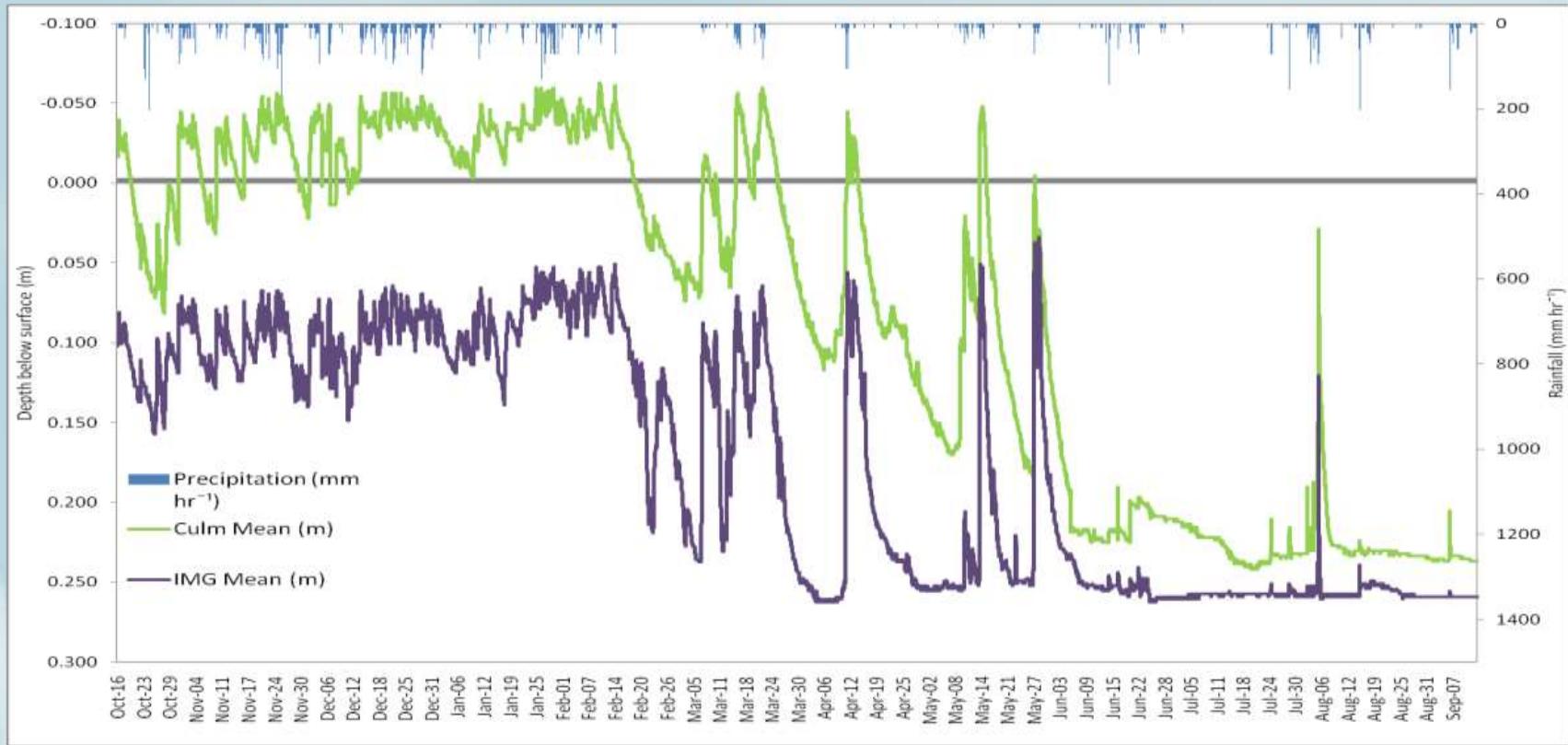
- Professor Richard Brazier and Dr Alan Puttock from University of Exeter led research project between 2012 and 2014
- Funding from EA, HEFCE, DWT and the NIA
- Analysis of soil hydrology in Culm grasslands compared with intensively managed grasslands, wet woodlands and scrub
- Also water quality from Culm headwaters

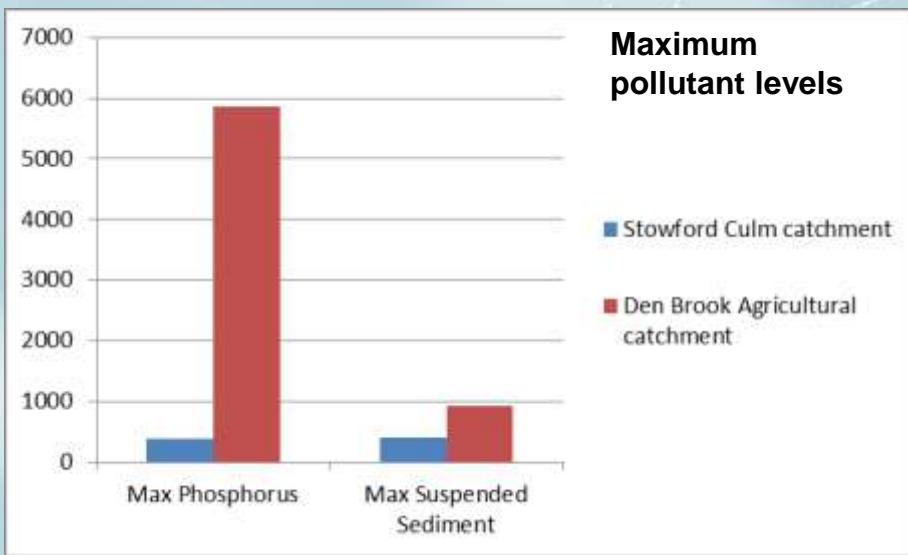
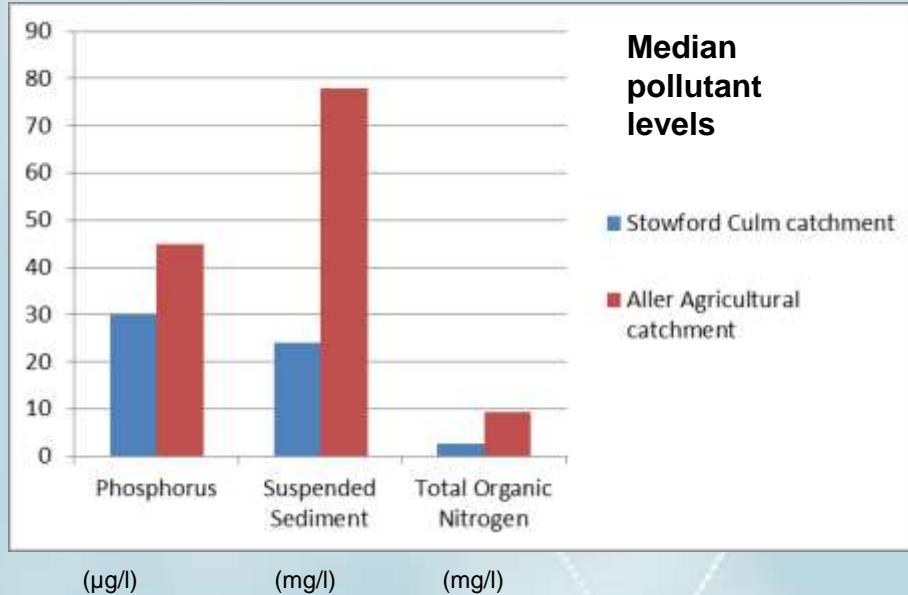
Meshaw Moor

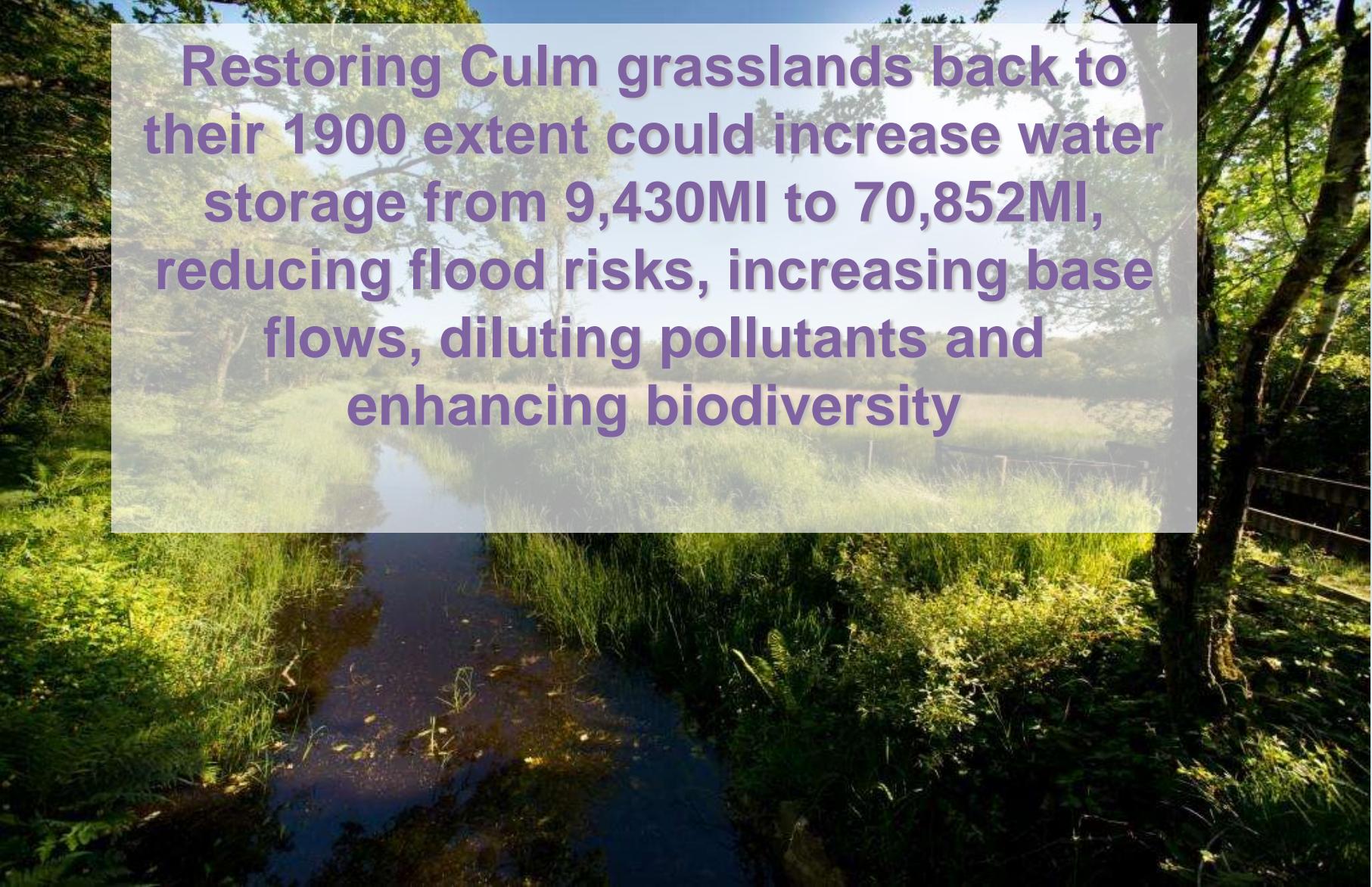




Soil water levels in Culm (green) vs Intensively Managed Grasslands (purple)

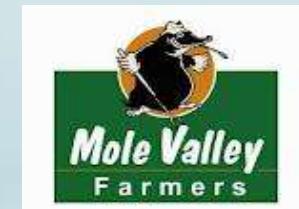




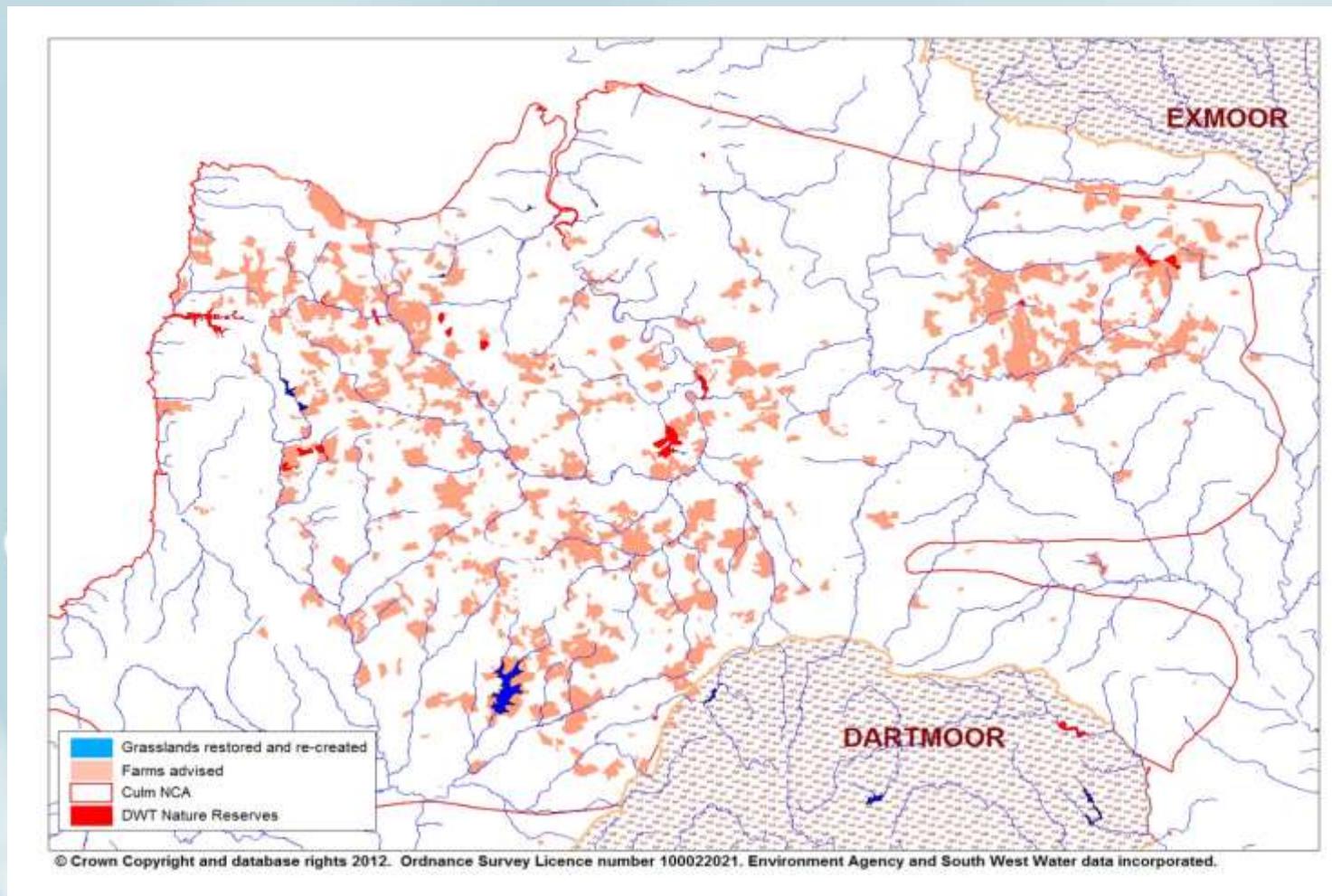


Restoring Culm grasslands back to their 1900 extent could increase water storage from 9,430MI to 70,852MI, reducing flood risks, increasing base flows, diluting pollutants and enhancing biodiversity

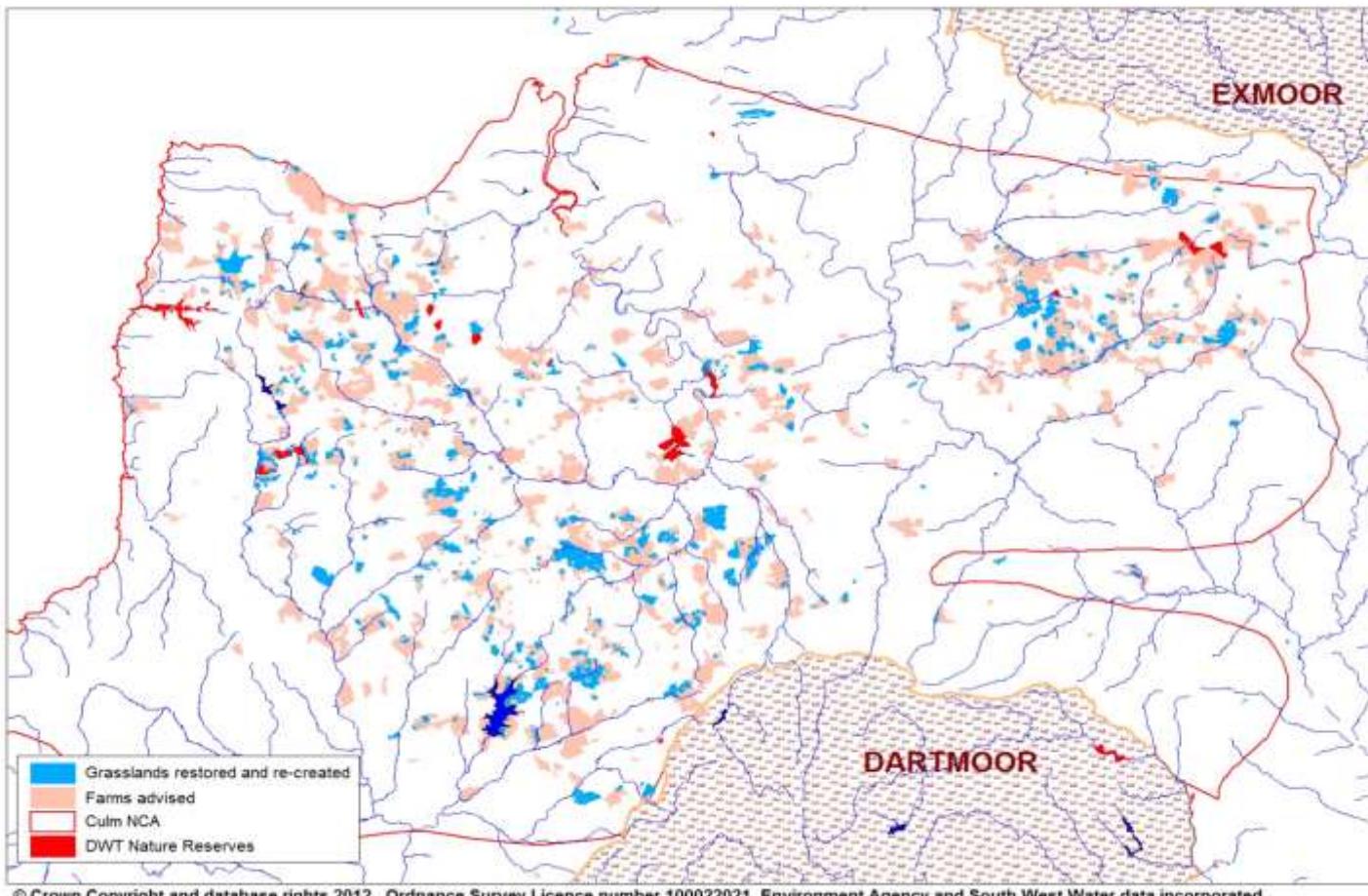




631 farms (covering 32,000ha) have been engaged since 2008



5,000ha of grassland have been restored or re-created since 2008





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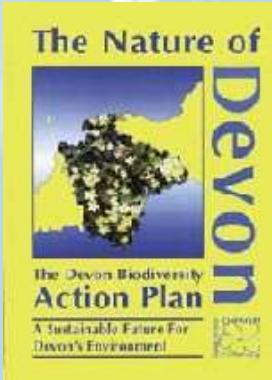
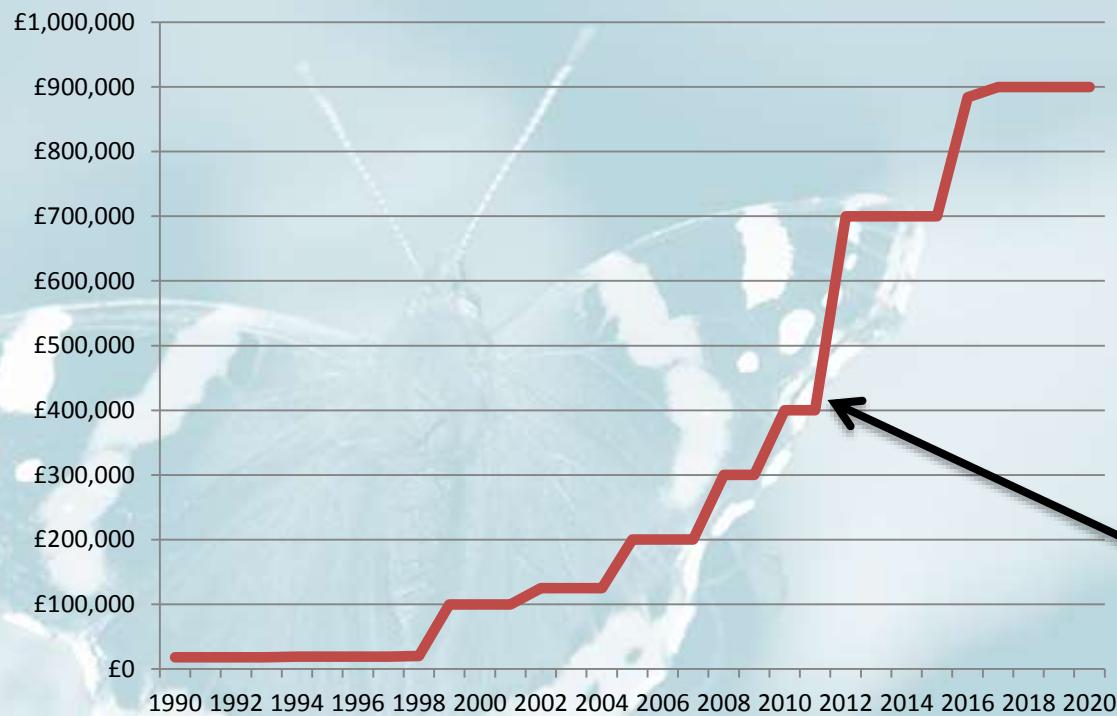
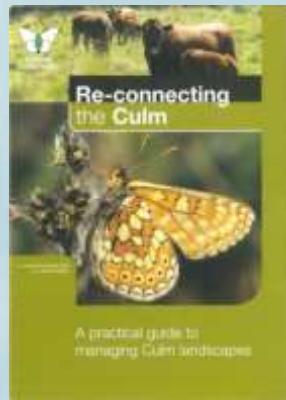


Introducing Countryside Stewardship
November 2014



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Changes in water flow through beaver ponds

