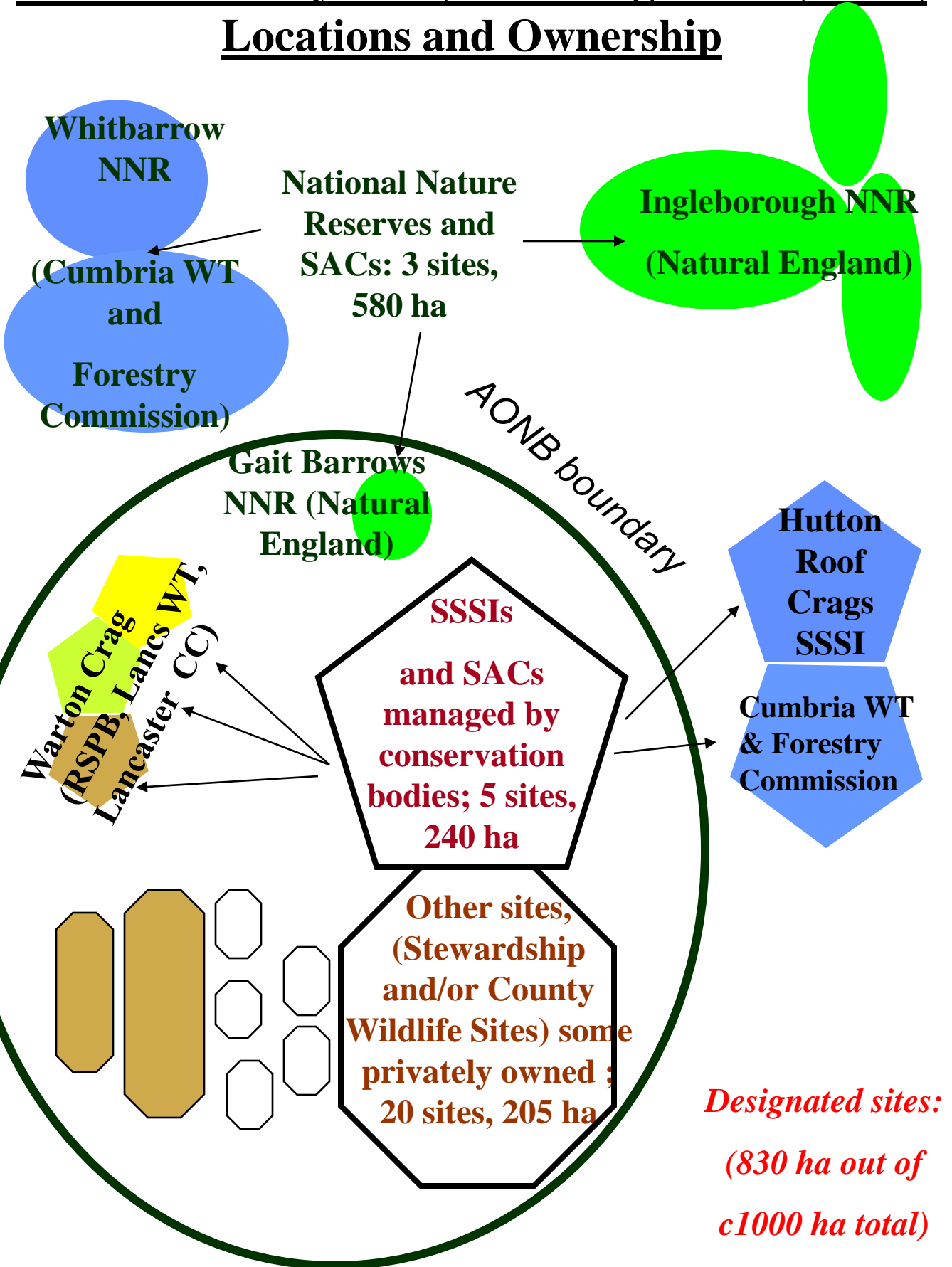
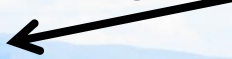


Morecambe Bay LGS; Site Designations, Sizes, Locations and Ownership





Ingleborough



Hutton Roof



Whitbarrow



Warton Crag



Arnside Knott



Hale Moss

Hutton Roof

Morecambe Bay Conservation Grazing Co.



Red



Poll



Shorthorn



Blue Grey

Suckler Cows; Native Breeds

Cows produce calves to rear by suckling....





Graze organic grass and herbs

for beef

**..... and nature
conservation**



Weaned at 7-8 months

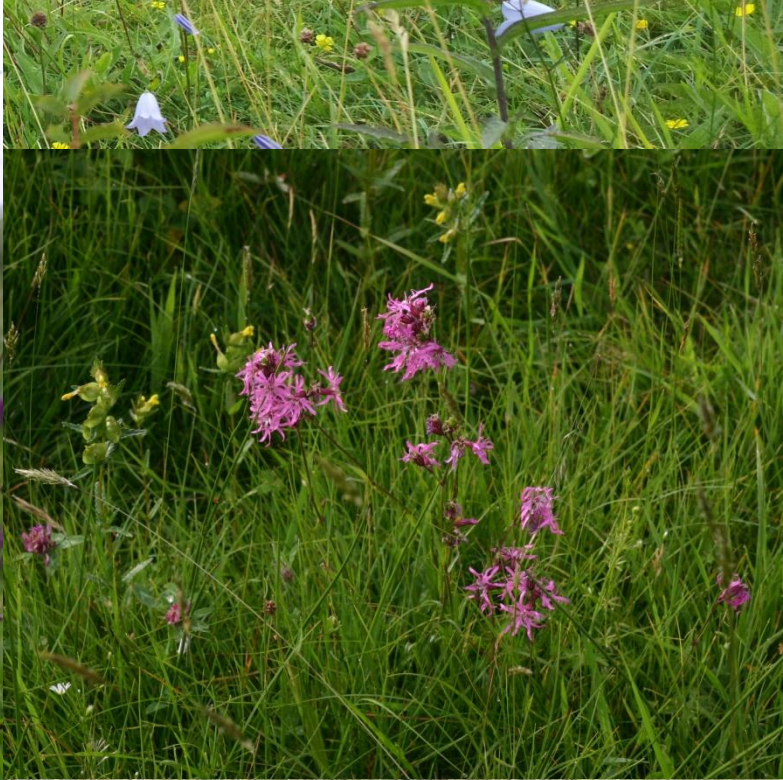
..... outwintered



..... Grazing
nature reserves



..... for up
to 6 years



**Why nature reserves
need grazing**

Getting the right ecological balance

undergrazing



overgrazing



Right level of grazing promotes diversity

Cattle grazing

..... a microbiological partnership



**that makes an
obvious difference**



browsing preferences

.....yew



.....hazel



..... hawthorn



The importance of learning.....





Cow pats as food for insects



..... and other organisms



...breaking up bracken stands



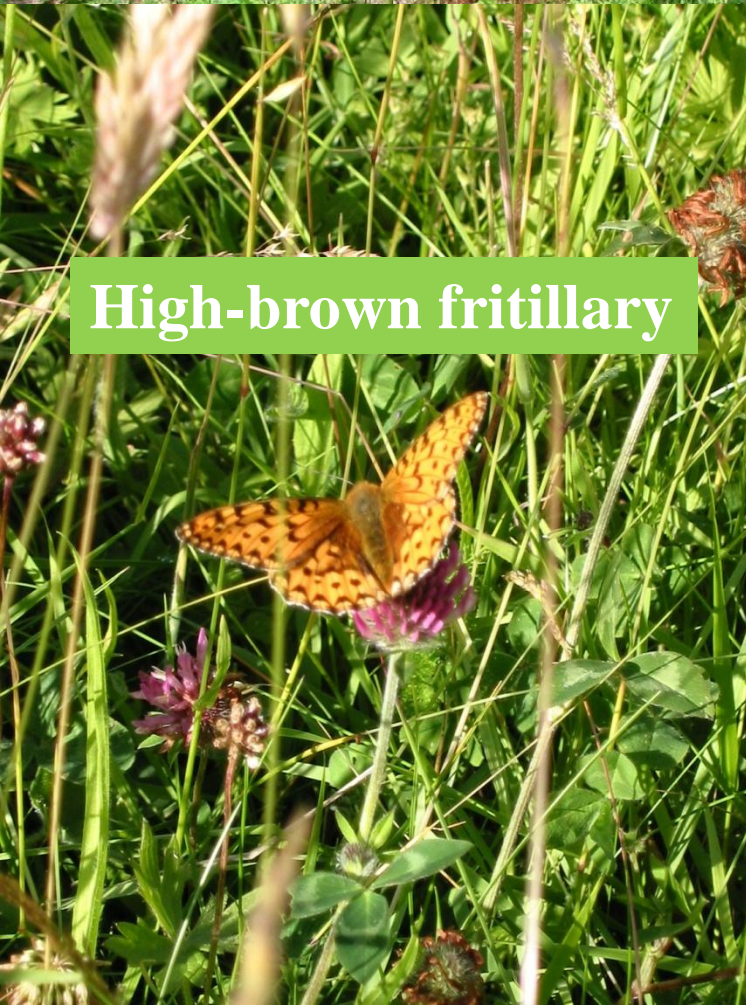
Trampling and treading

Trampling impact opens up swards



Varying results

Trampling for butterflies



High-brown fritillary



Violets for caterpillars

Helping other butterflies

..... Scotch Argus



..... Peacock



Helping other wildlife





..... after
Restoring limestone grassland



Before



Restoring herb-rich fen and reed-bed

For bittern



Restoring haymeadows

..... from that

..... to this



Haymaking techniques



Traditional methods c.1960s



And modern machinery



Red and white clover



Keystone species



Hay rattle

A photograph of three calves in a grassy field. The calves are eating from a large pile of hay. The background shows a line of trees and a blue sky with light clouds. The text 'Using the hay' is overlaid in the upper middle part of the image.

Using the hay

Feeding to calves in first winter



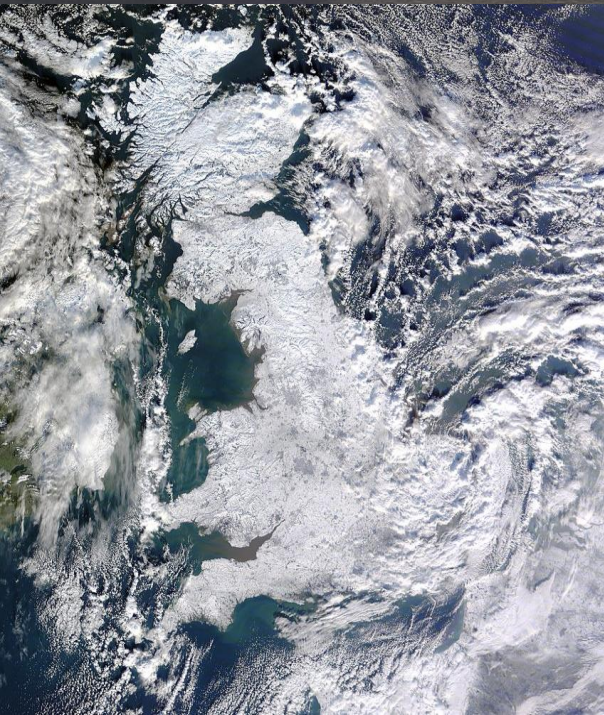
Feeding to cows in heavy snow



Produced an unintended meadow



Winter weather



White-out winter 2010

Other issues

Bovine TB and badgers





Public relations – guided walks



Cattle apple day!



AONB Apple Day 2009





Thank you; it's time to go!