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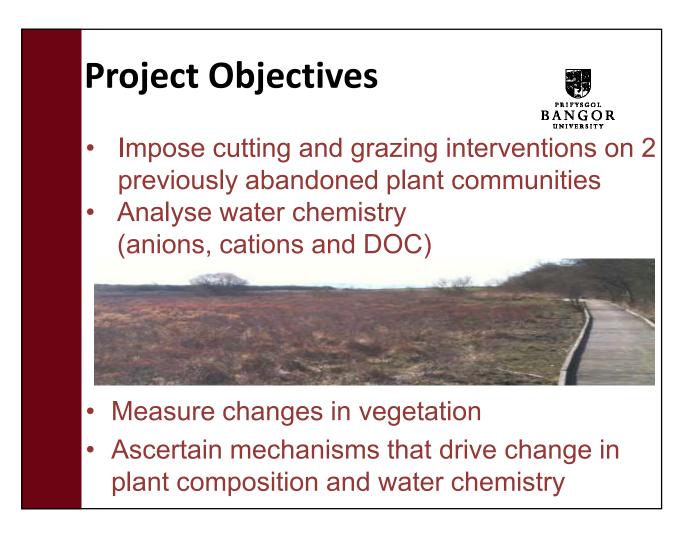


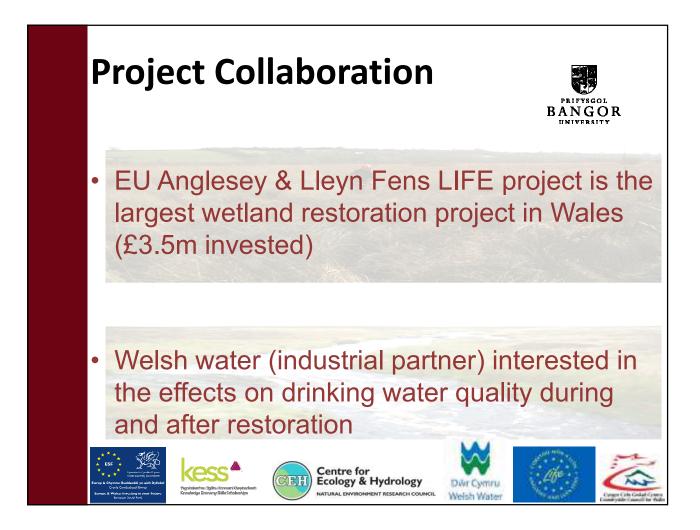


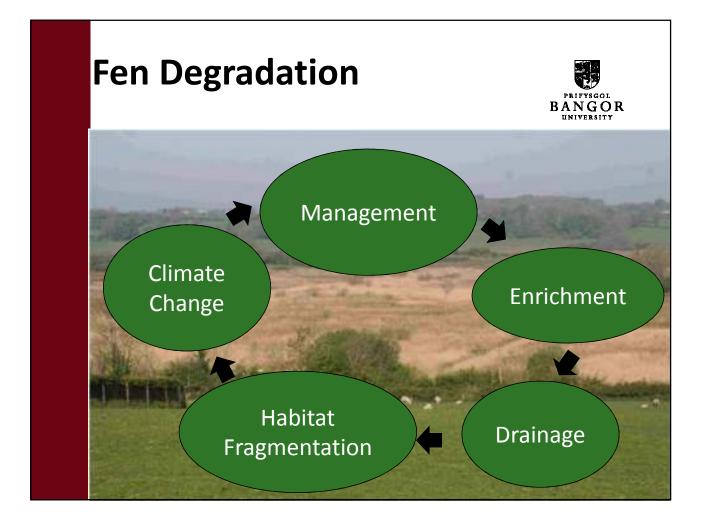


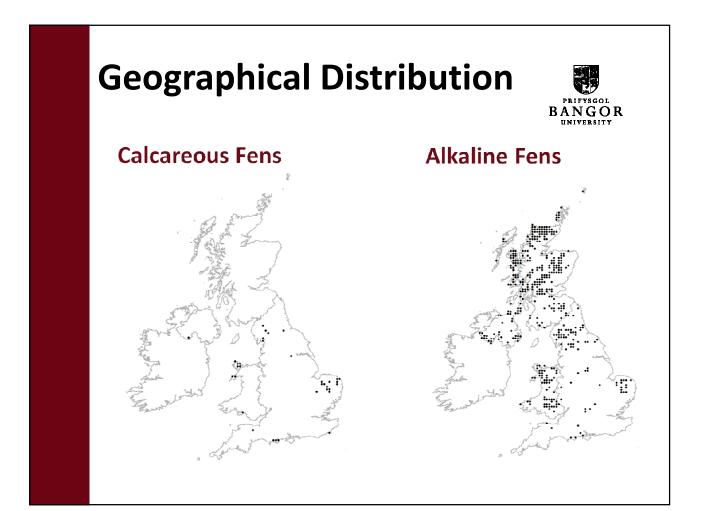


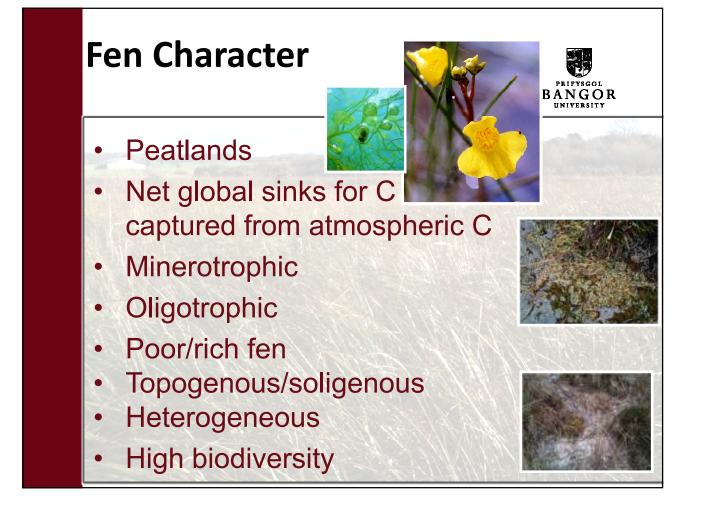


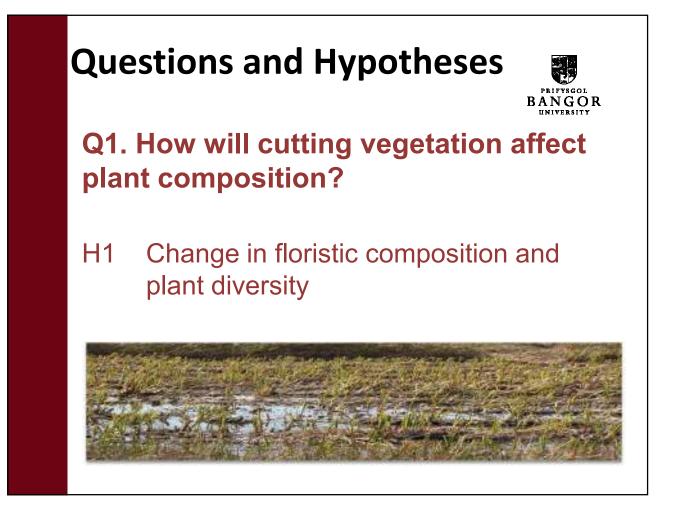


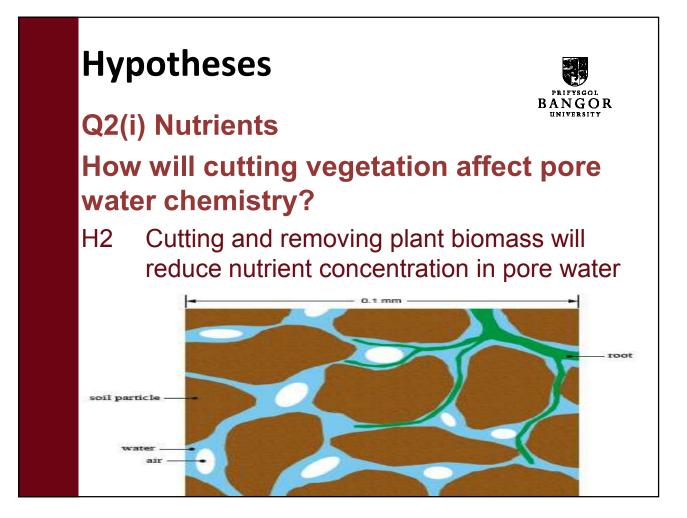


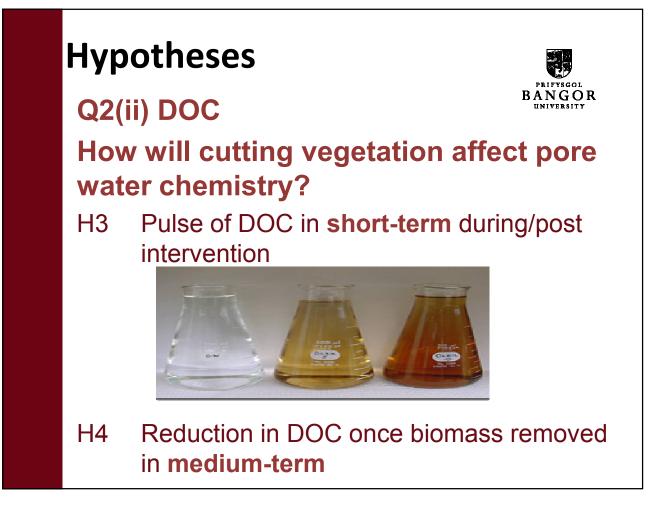


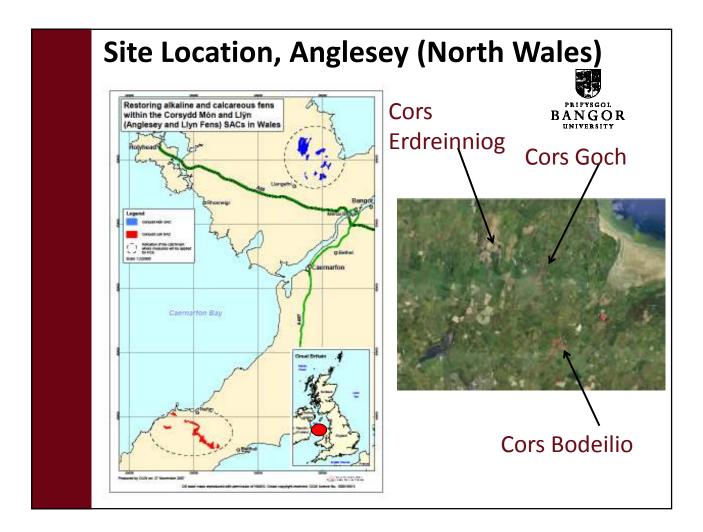


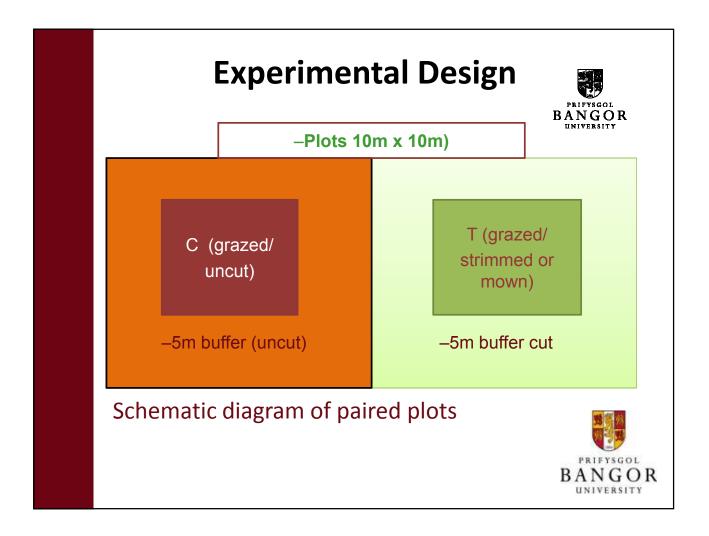


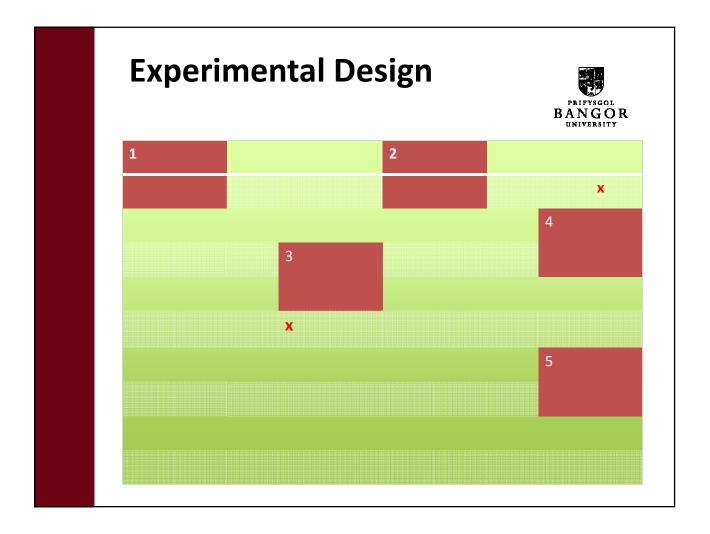










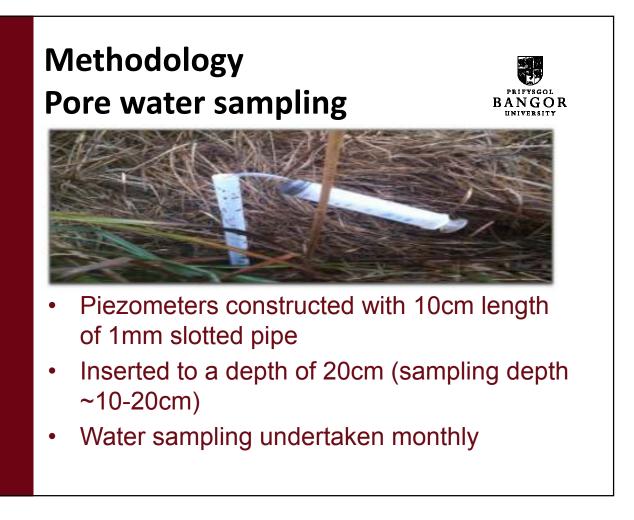


Methodology Vegetation Surveys



Completed October 2011 recording:

- Height range for vegetation groups (Shrubs/ Gramminods/Forbs and Bryophytes)
- % litter and % bare ground
- Species presence and % cover
- Abundance (domin value)
- Photograph taken







Cladio molinietum (Large Scale Mowing)





BANGOR

Plant Community 2 M13 *Schoenus nigrican-*Juncus subnodulosus mire



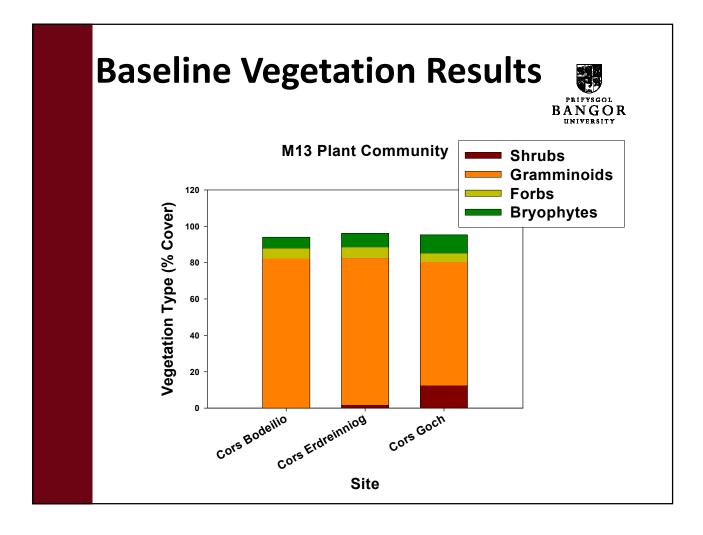
M13 Schoenus nigrican-Juncus subnodulosus (Hand cutting and grazing)

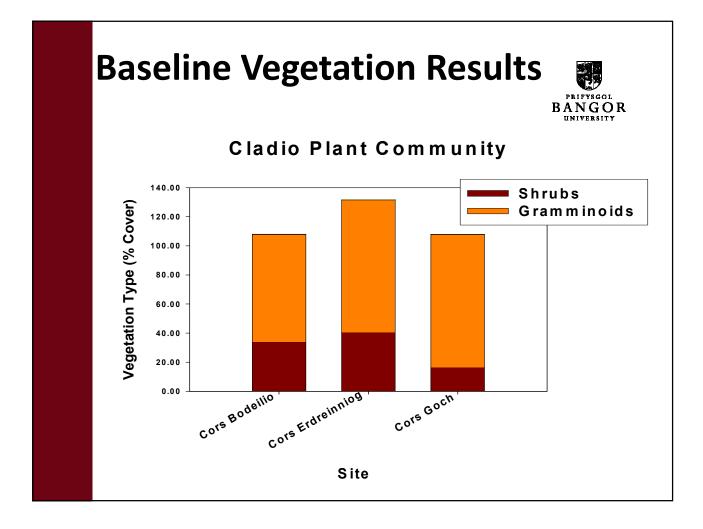






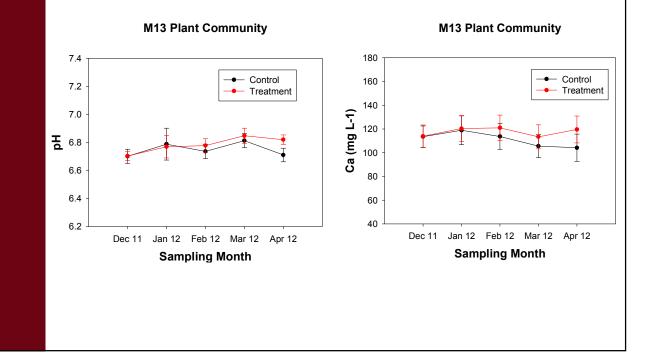


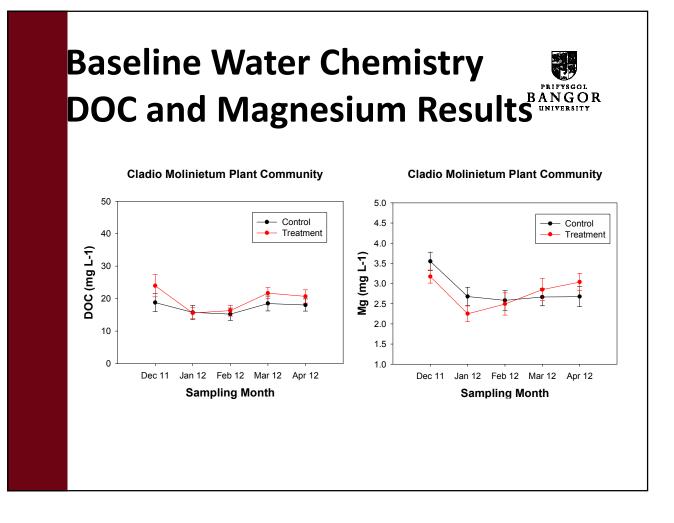




Baseline Water Chemistry pH and Calcium Results

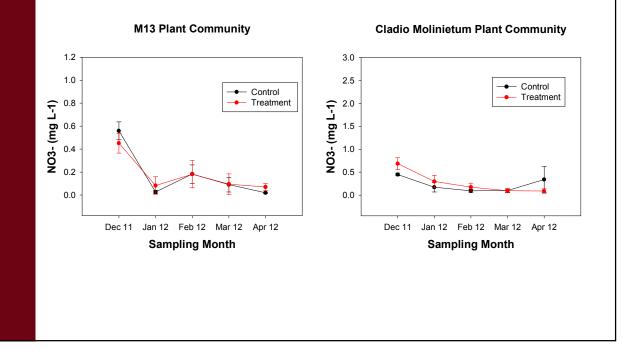






Baseline Water Chemistry Nitrate Results





Summary



How cutting/grazing interventions affect
fen vegetation and DOC exports

 Baseline vegetation data illustrates degradation in both plant communities

•Positive relationship between pH and Ca

• **DOC** 'appears' to be increasing in concentration (treatment) in Cladio Molinietum

•Nitrate reduction evident in both plant communities

