



the River Restoration Centre

Working to restore and enhance our rivers

Delivering River Restoration: Recipes for Success

13TH ANNUAL NETWORK CONFERENCE



Restoring Europe's Rivers



ARUP



HOLNICOTE – CATCHMENT CHANGE CHALLENGE!

River Restoration Centre
13th Annual Network Conference
Delivering River Restoration: Recipes for Success

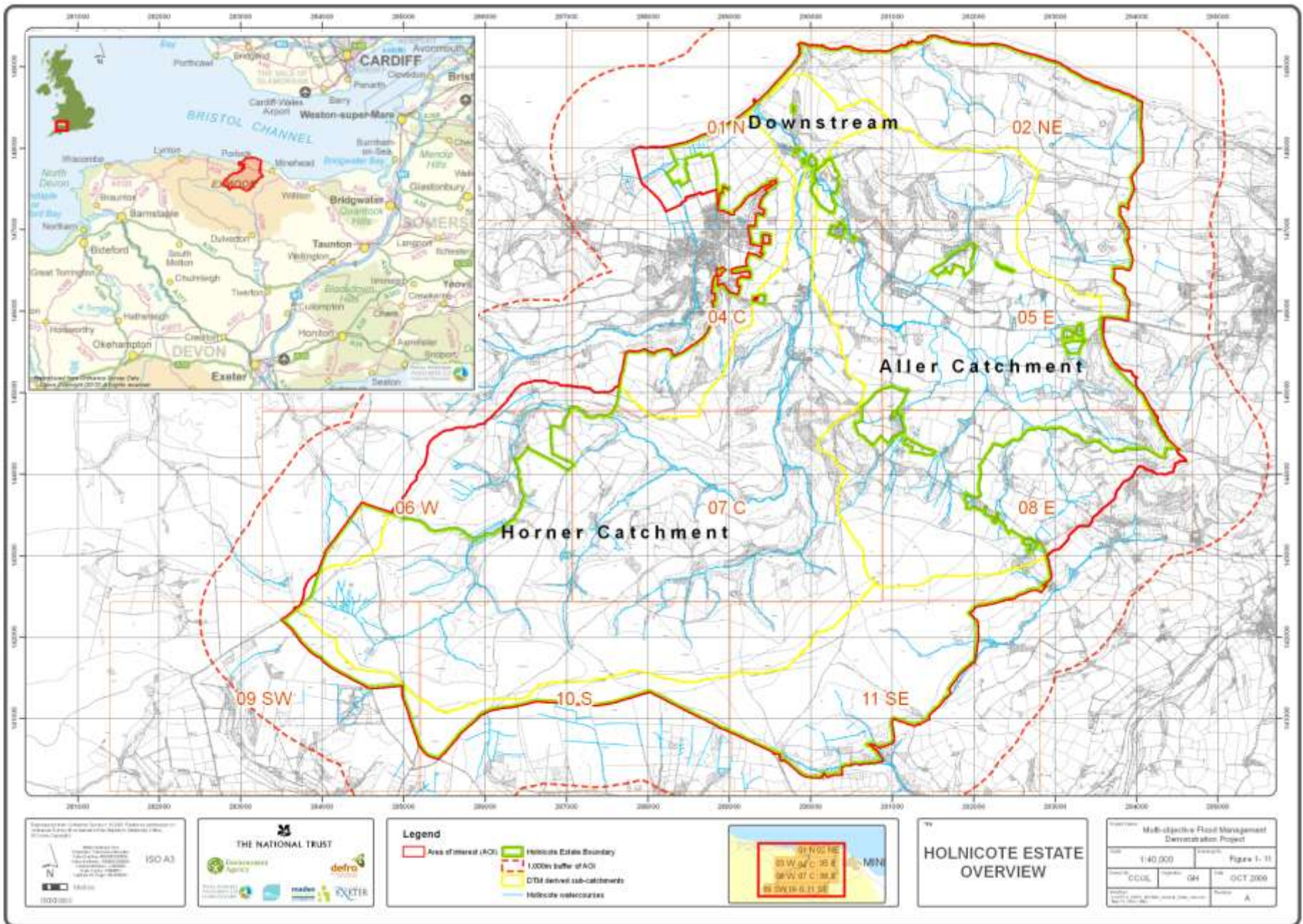


Pete Worrall, Steve Rose, Gene Hammond, Zdenka Roslova, Nigel Hester.

A photograph of a small, clear stream flowing through a dense forest. The water is white and frothy as it cascades over several large, dark rocks covered in vibrant green moss. The surrounding vegetation is thick with various types of ferns and leafy plants, creating a rich green backdrop. The scene is captured from a slightly elevated angle, looking down the length of the stream.

Defra Multi-Objective Flood Management Demonstration Projects

- **Slowing the Flow – Pickering, North York Moors**
- **Making Space for Water – Upper Derwent, Peak District**
- **The Holnicote Project - Exmoor**







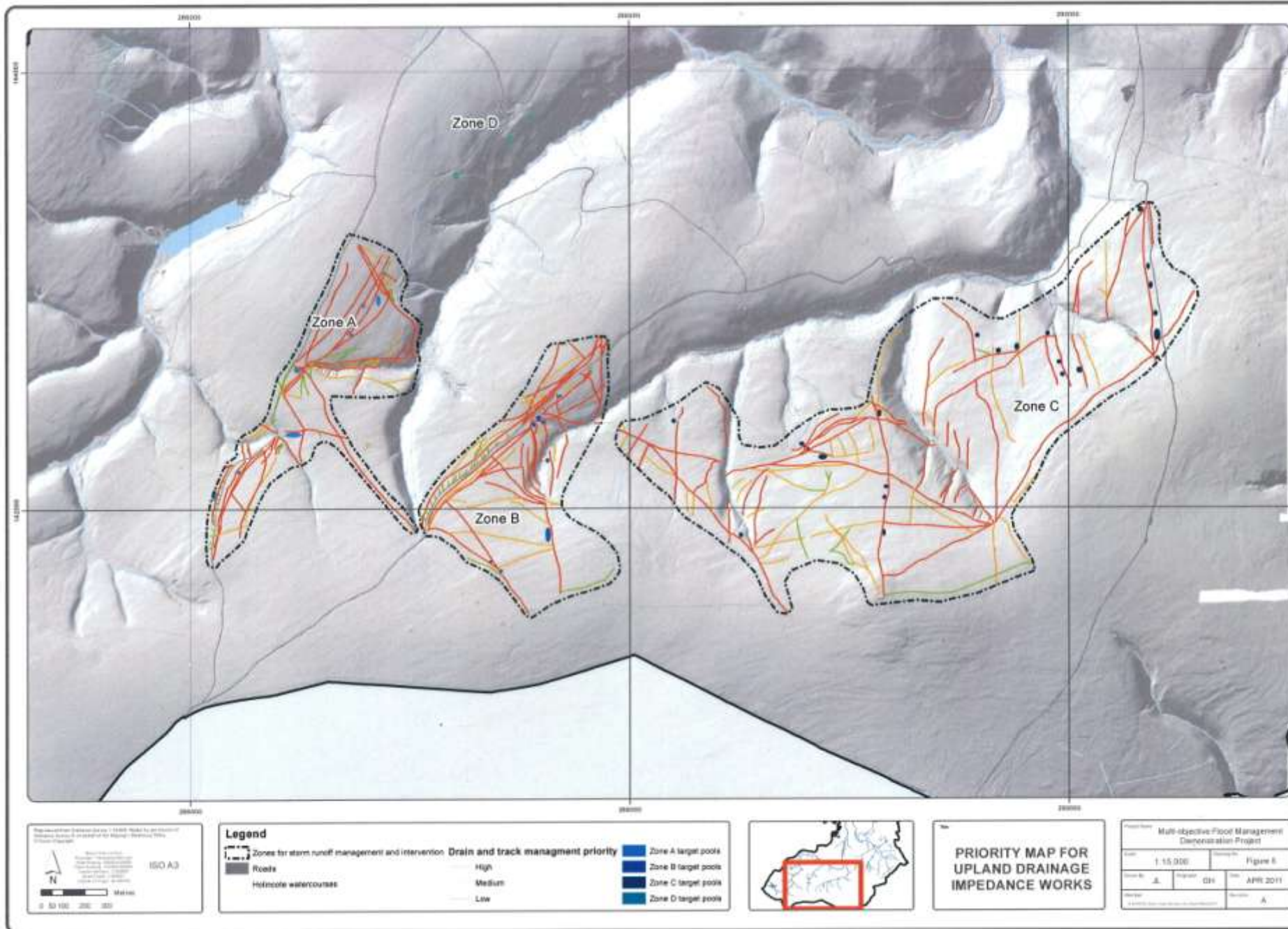




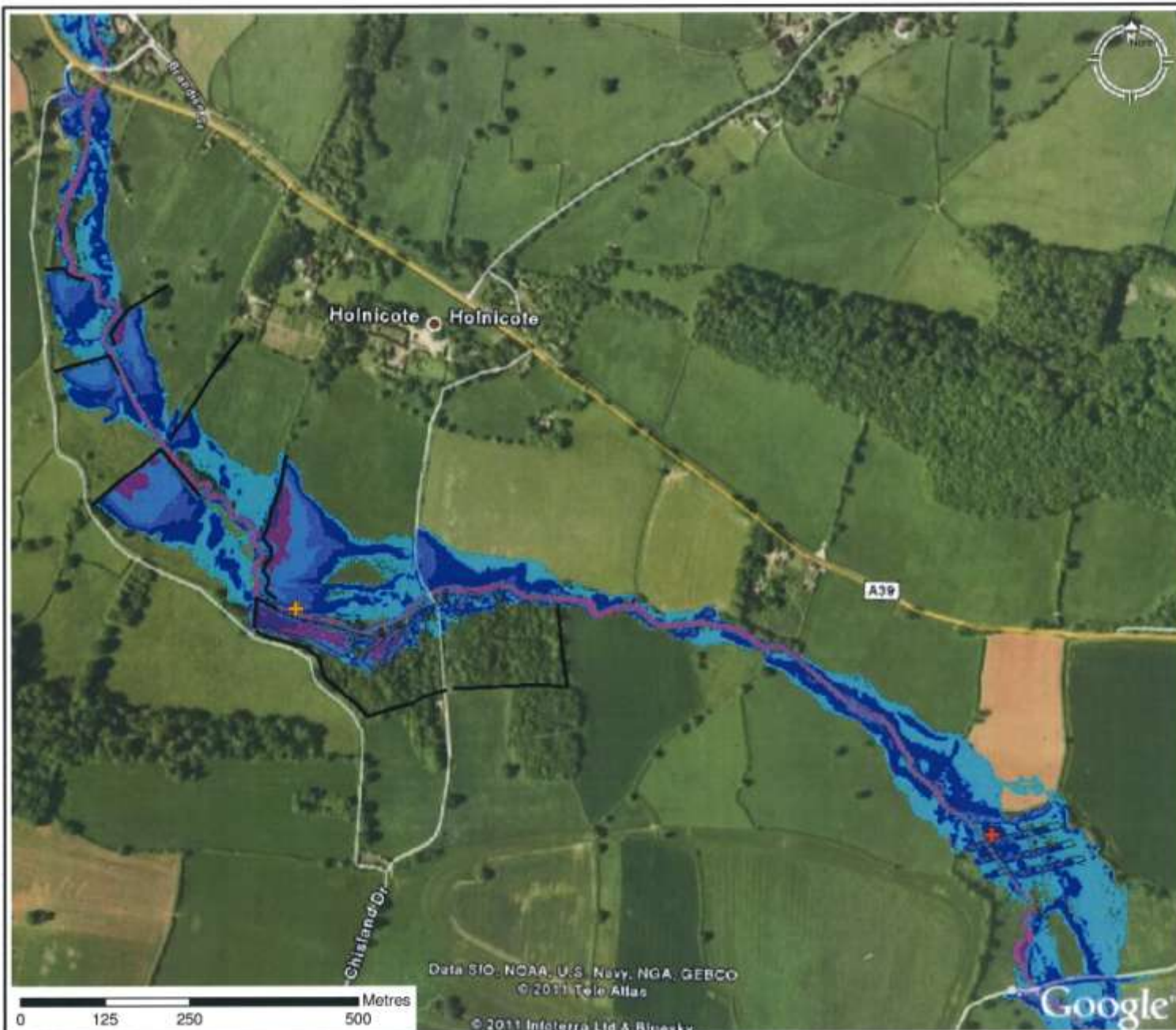












LEGEND

Proposed changes

- + Re-instatement of old sluice
- + New sluice
- Levees
- Ponds and scrapes

Floodplain inundation - Q5

Modelled flood depth (m)

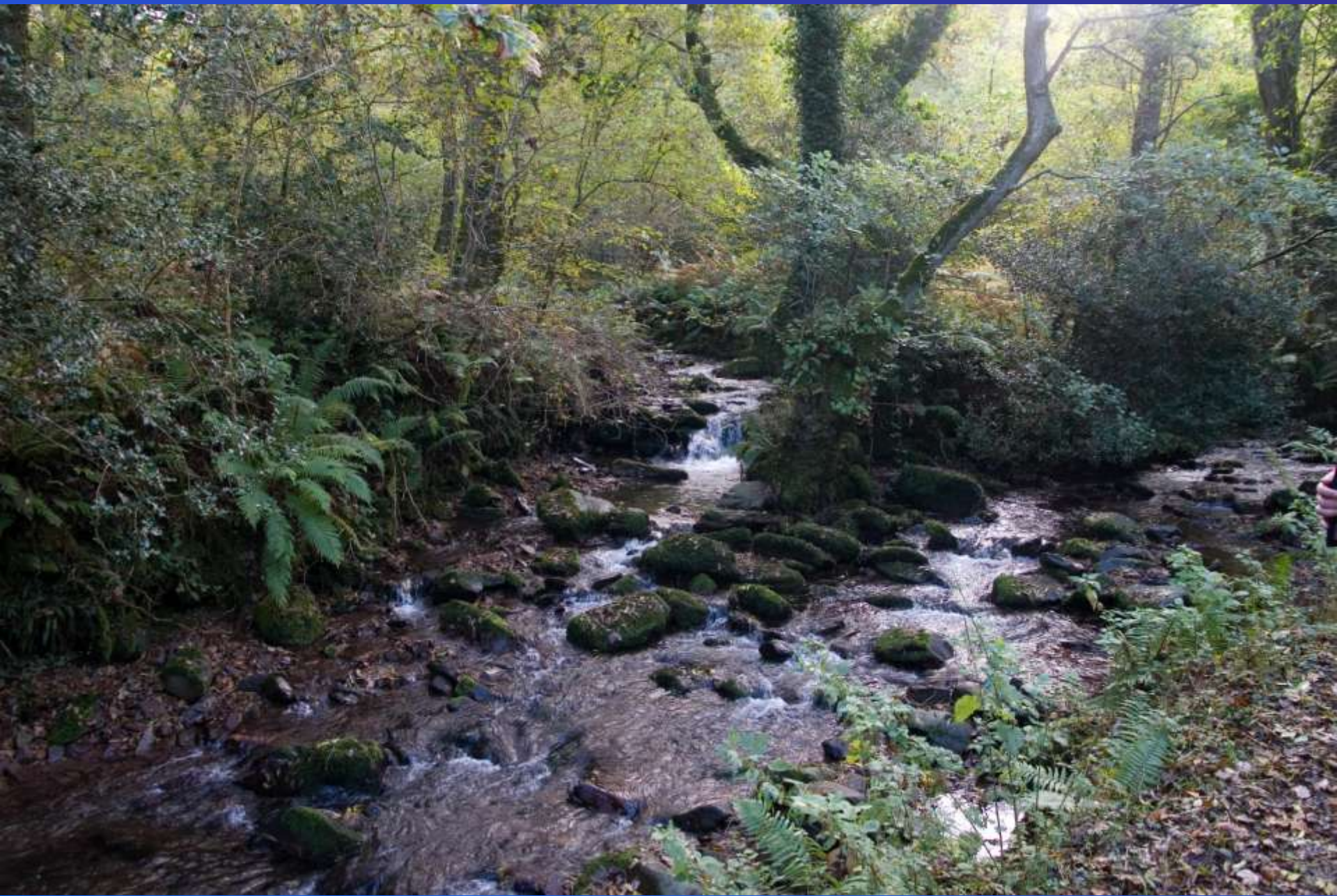
- < 0.1
- 0.1 - 0.3
- 0.3 - 0.5
- 0.5 - 0.8
- 0.8 - 1
- 1.0 - 1.5
- > 1.5

Contains Ordnance Survey data (c) Crown copyright and database right 2011



APPENDIX C. 5-1 Q5 Proposed Flood Meadow Restoration

Projection on aerial photograph
Modelled Flood Meadow Scenario
Flood Depth



Catchment change

Future Scenarios

Funding

Nature of Change

Scale of Change

Defra/EA/NE/NT

Benefits

AMP programme

Ecosystem Services

WFD

Defining Values

CAP reform

Beneficiaries

Delivery

Time Frame and Facilities for Cultural Change

