

Dippy on Tour: wildlife past and present

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Outline

Engaging school pupils and museum visitors in an interactive effort to monitor local mammalian wildlife

- Background
 - Monitoring
 - Policy and management
 - Engagement
- What we do
 - MammalWeb
 - Engaging schools
- MammalWeb at the GNM
 - How it will work



Why monitor mammals?

- Ecology

- monitoring, explaining and predicting responses to environmental change



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- Policy and management

- cultural value
- conservation
- control of pest species
- invasive species
- disease contingency



Why monitor mammals?

- Ecology

- monitoring, explaining and predicting responses to environmental change

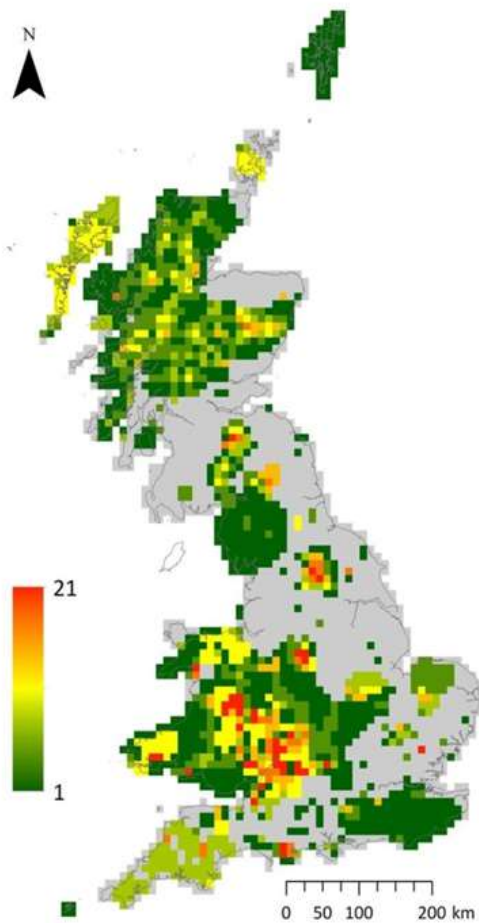
- Policy and management

- cultural value
- conservation
- control of pest species
- invasive species
- disease contingency

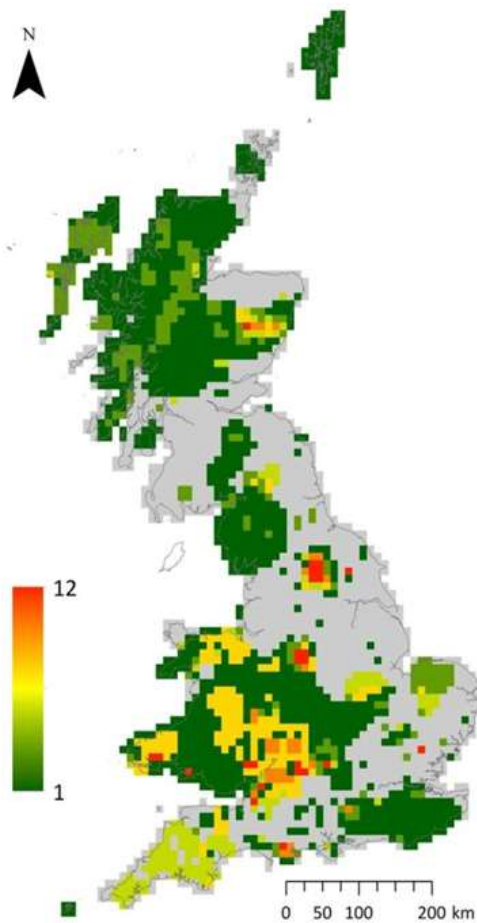
- Engagement and awareness



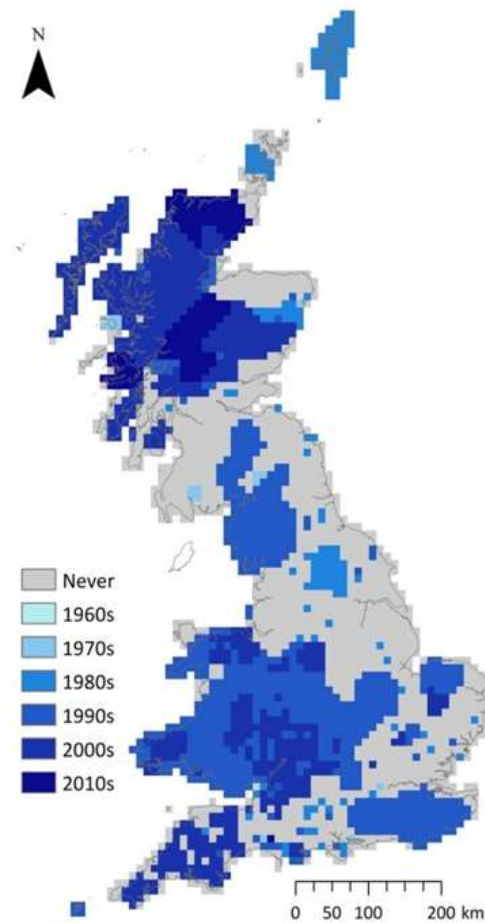
(a) Density survey effort



(b) Density species richness



(c) Density survey decade



Source:
National
Wildlife
Management
Centre

MammalWeb

- Recognises that mammals are scarce and hard to spot
- “Camera traps” overcome that
 - hard to deploy in sufficient numbers
 - yield huge numbers of images to classify

→ <https://vimeo.com/237771257>

MammalWeb

Mammal web

[HOME](#)[? ABOUT](#)[Q SPOTTER](#)[TRAPPER](#)[LEARN](#)[NEWS](#)[LOGOUT](#)

Spotter Status

Number of photos classified	121
Number of animals identified	124
Number of species identified	15
Total photos in system	1474
Total spotters in system	5

[Q Classify All](#)[Q Classify My Images First](#)[Q Classify Selected Project Only](#)

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Dippy on Tour: A Natural History Adventure

Dippy on Tour

A Natural History Adventure



- AIMS:**
- i) encouraging families to explore nature on their doorstep;
 - ii) encouraging young people to connect with the natural world;
 - iii) build partnerships between regional cultural, scientific and wildlife organisations.

MammalWeb & Dippy: plans



- Natural Northumbria exhibit



MammalWeb & Dippy: plans



- Natural Northumbria exhibit



- Profiles different habitats
 - Upland
 - Lowland
 - Woodland
 - Seas & Coasts
- Introducing Urban



MammalWeb & Dippy: plans

- School project

The screenshot shows the MammalWeb website interface. At the top is a dark green navigation bar with the MammalWeb logo and menu items: HOME, ABOUT, SPOTTER, TRAPPER, PROJECTS (highlighted), LEARN, and NEWS. Below the navigation bar are four project cards, each with a representative image, a title, a progress bar, a description, and a 'More' button.

Project Name	Progress	Description
MammalWeb UK	94% Classified *	The MammalWeb UK project aims to enlist the public in helping us to catalogue the UK's mammalian biodiversity, and to understand what species are around us, where they occur, and what aspects of the environment impact on their occurrence and activity.
Hancock Museum	70% Classified *	An umbrella project for all the Hancock museum projects. In particular, there are projects for a variety of local habitats including Urban, Coastal, Lowland, Upland and Moorland.
North Pennines NNRs	0% Classified	The North Pennines National Nature Reserves are managed by Natural England and are located across County Durham, Cumbria and Northumberland. The camera trapping process and images generated provide us with a great engagement and education resource.
Highland Red Squirrel Project	33% Classified	This project, focused on understanding the impact of, and potential mitigation for, forest operations on red squirrels, is being run by a team based at the University of the Highlands and Islands in collaboration with Forest Enterprise Scotland.

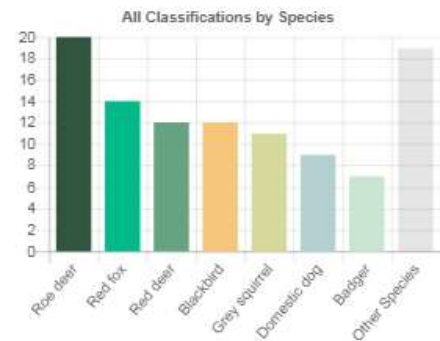
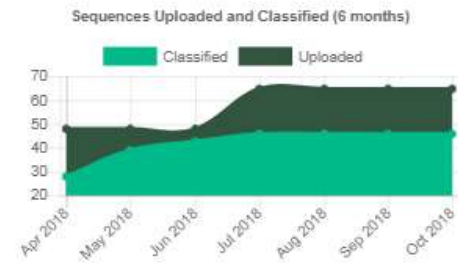
MammalWeb & Dippy: plans



col project



Hancock Museum



An umbrella project for all the Hancock museum projects. In particular, there are projects for a variety of local habitats



MammalWeb & Dippy: plans

- School project



Hancock Urban Habitat

This project has the following sub projects:



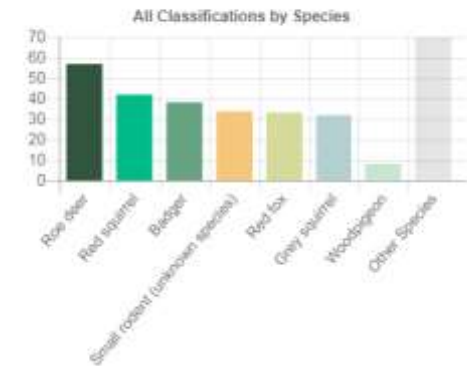
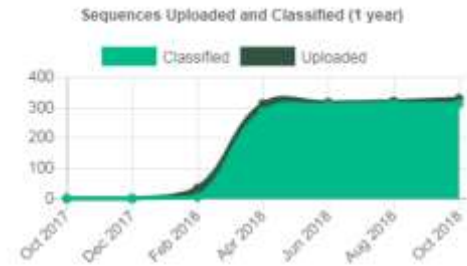
Hancock School 1

More



Hancock School 2

More



MammalWeb & Dippy: plans



- Natural Northumbria exhibit



- Museum visitors (during Dippy's visit)
 - touch screens by each habitat
 - classify images from that habitat captured by schools

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Questions?



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