


An aerial photograph of the Strangford Lough coastline. The left side shows a patchwork of green agricultural fields and some buildings. The right side shows the dark, calm water of the lough with several small, green, rocky islands scattered throughout. The text 'Plants of Strangford Lough' is overlaid in a light green color on the right side of the image.

Plants of Strangford Lough

Jake Dalzell

An aerial photograph of a coastal landscape. On the left, there is a large area of green and brown agricultural fields. To the right, a series of islands and peninsulas are visible, some with green vegetation and others appearing more barren. The water is dark and calm. The text is overlaid on the right side of the image.

Why are islands interesting?

ancient
woodland

cultural
importance

traditional
agricultural
practices

underrecorded

saltmarsh
heath

biogeography

unusual
grasslands



Why are islands interesting?

underrecorded

Previous records on Strangford Lough

An aerial photograph of Strangford Lough, showing the dark water of the lough on the right and the green, agricultural land of the surrounding peninsula on the left. The land is divided into numerous small, irregular fields. A green arrow points from the text 'Praeger, 1923' to a specific location on the western shore of the lough, near a small inlet.

Praeger, 1923

An aerial photograph of the Strangford Lough coastline. The left side shows a patchwork of green and brown agricultural fields. The right side shows the dark, calm water of the lough with several small, green islands. The text 'Previous records on Strangford Lough' is overlaid in a large, bold, green font in the upper right quadrant. The text 'NT records' is overlaid in a smaller, green font in the lower center of the image.

Previous records on Strangford Lough

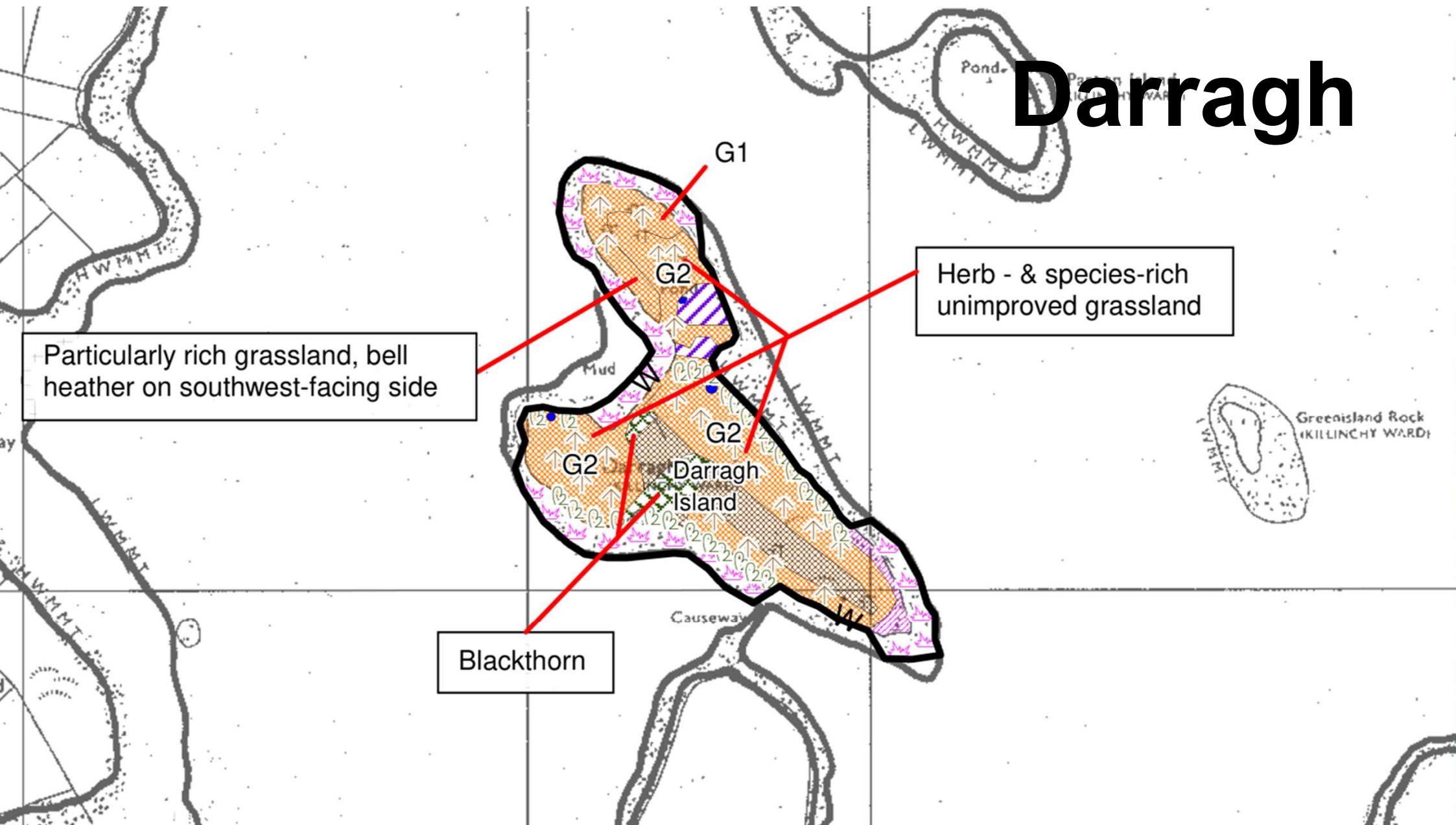
NT records

Darragh

NT records



Darragh



Darragh



Particula
heather

Pond

island Rock
INCHY WARD

Darragh





Darragh



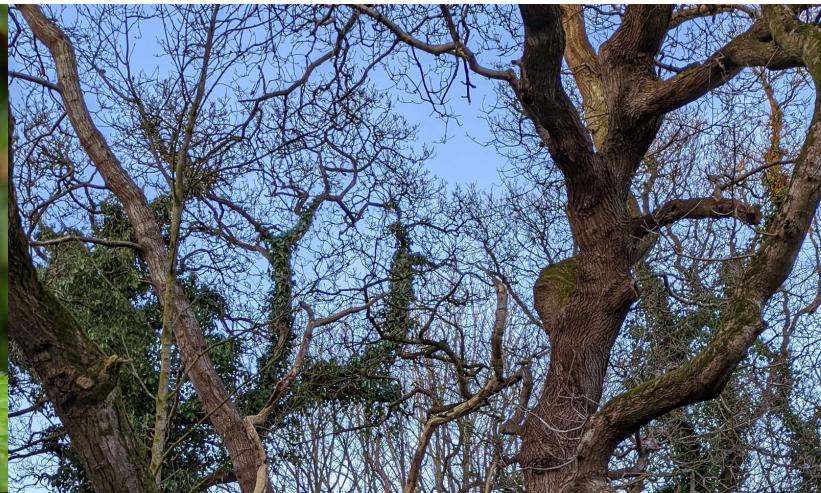
arragh






Why are islands interesting?

ancient
woodland





Woodland was formerly widespread

Clearance during the plantations
Clandeboyne Estate
and Raven's Survey

Oileán Darach
"Oak[wood] Island"



Why are islands interesting?

biogeography

Why are islands interesting?

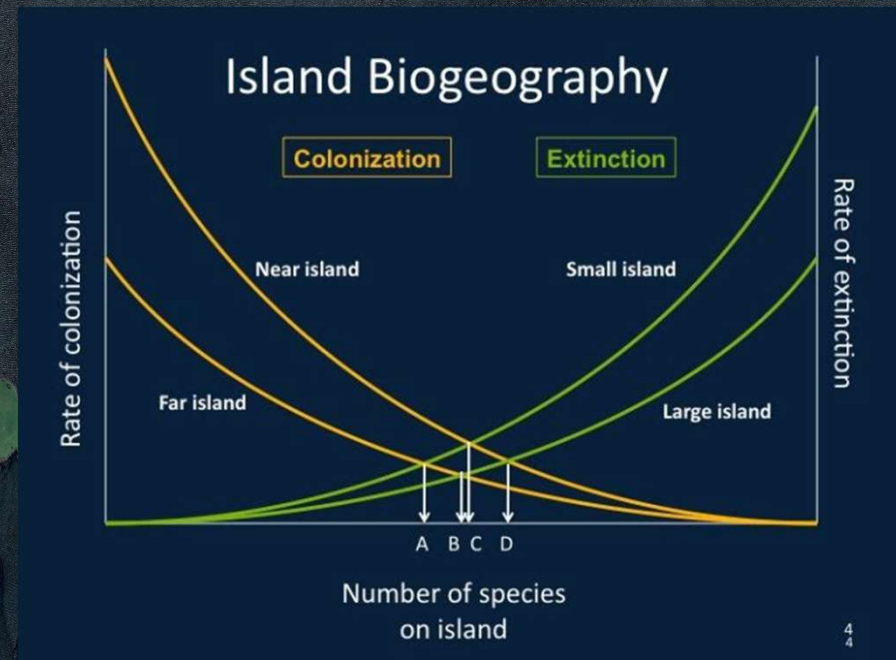
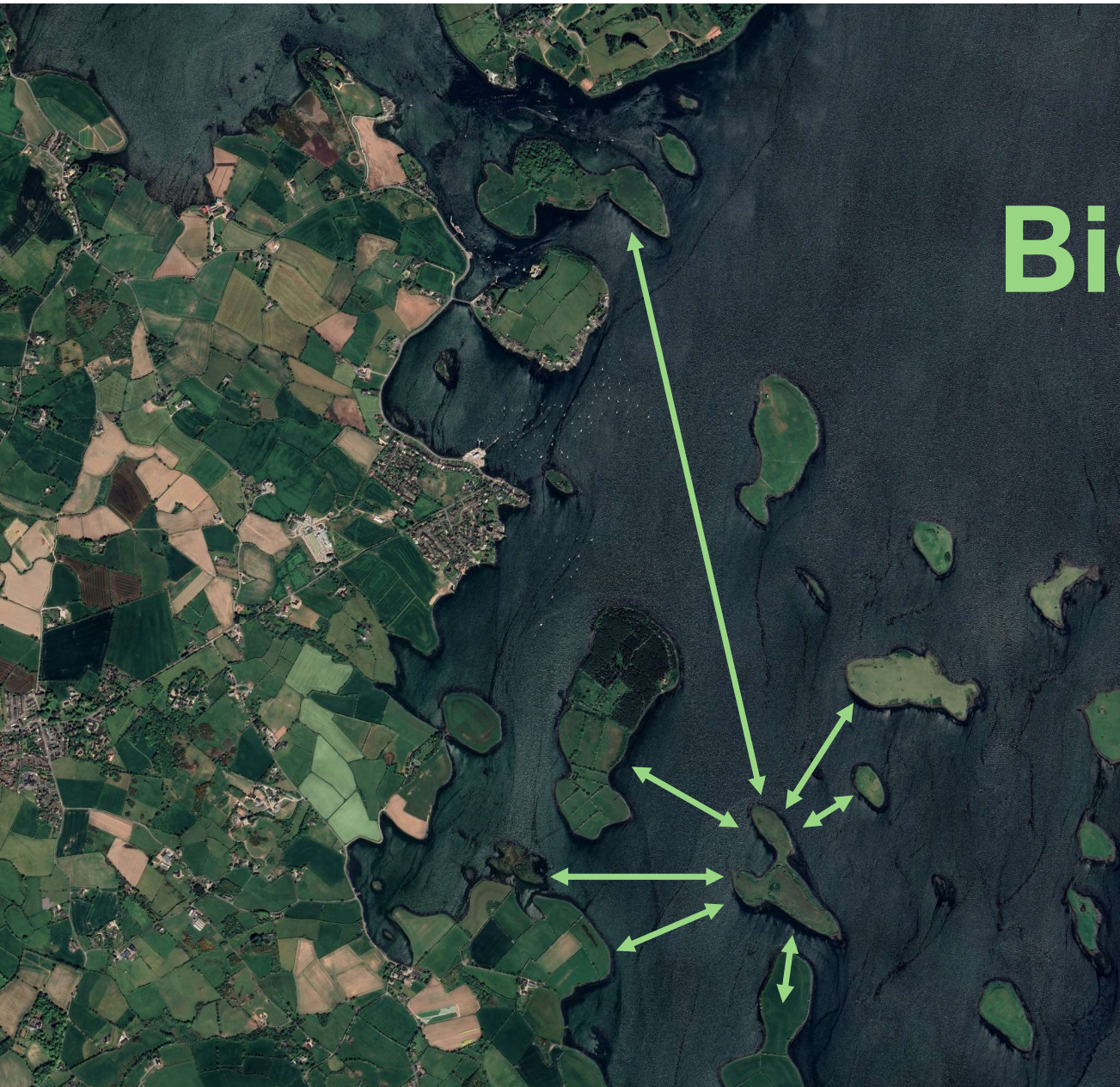
Dispersal limitation
+ Connectivity
+ Area

→ Metapopulation
dynamics

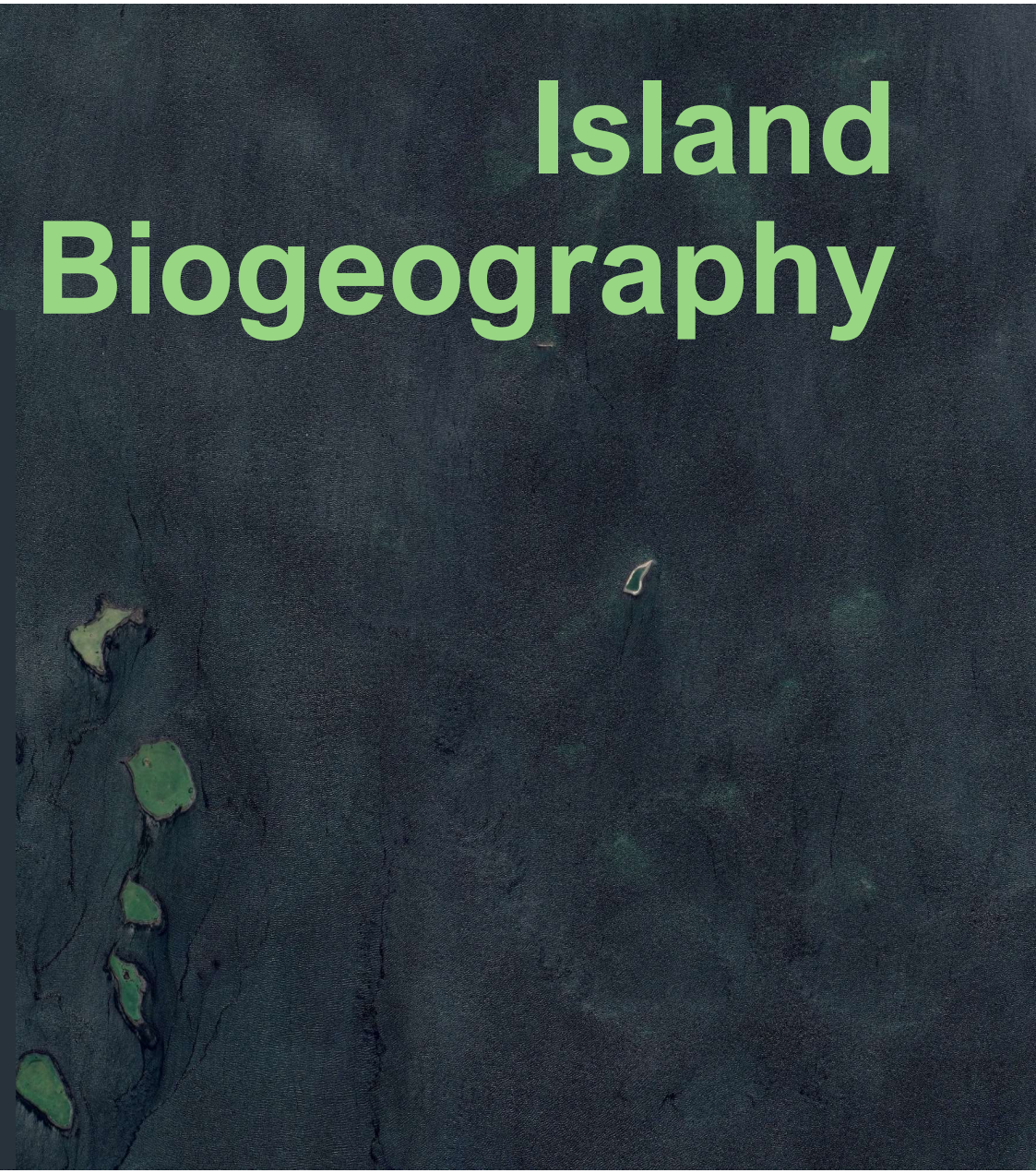
biogeography



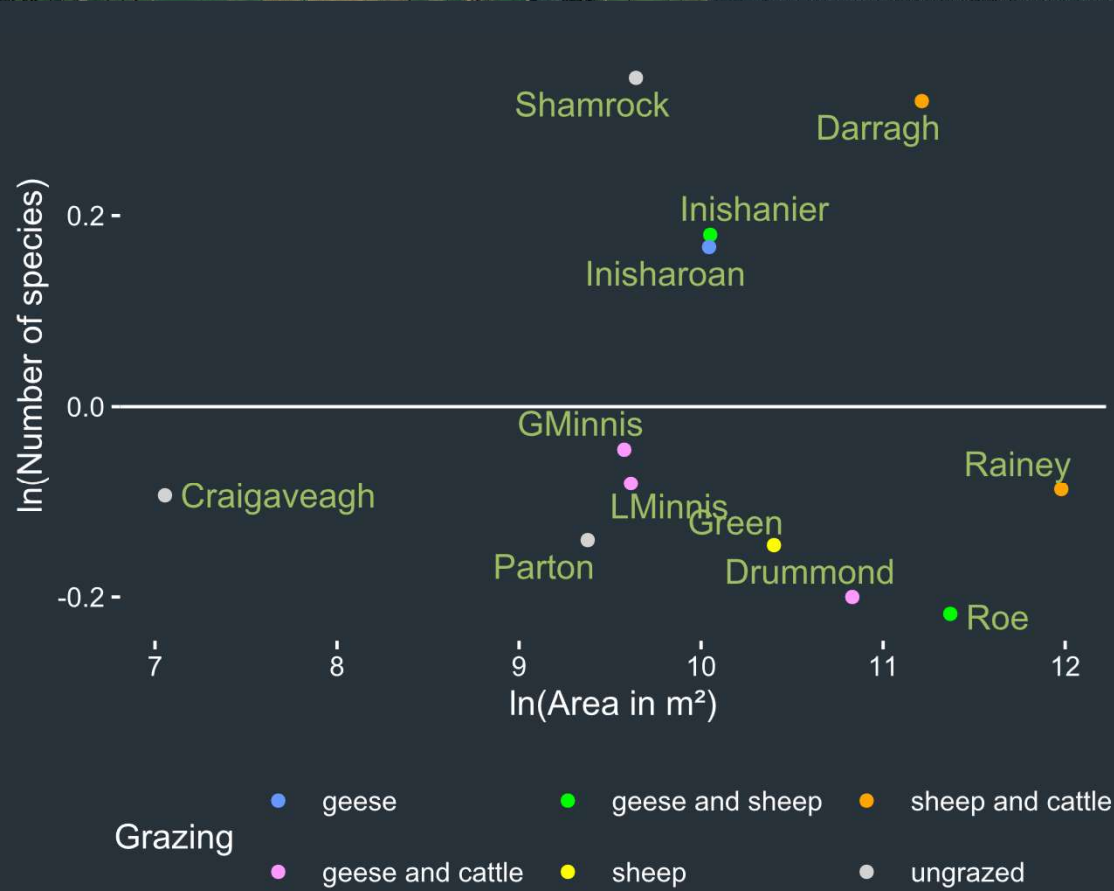
Island Biogeography



Island Biogeography



Island Biogeography





Thanks

Landowners
Keith Dalzell
Graham Day (VCR)
BSBI funding
Wayne Liang
many more...

An aerial photograph of a coastal landscape. The left side shows a patchwork of green and brown agricultural fields. A dark, winding waterway, possibly a river or estuary, flows through the center. On the right, there are several small, green islands or peninsulas in the water. The overall scene is a mix of land and water, with a dark, textured background on the right side where the text is overlaid.

Come talk to me about...

- coexistence theory
- community ecology
- selection theory
- evidence-based conservation
- **plant pathogens**