Where the Wild Things Are

Rewilding will be vital to reverse the global extinction crisis. We layered data from:

- The NBN Biodiversity atlas
- CEH land cover maps
- ONS population density statistics

Onto a common spatial grid, which we analysed in QGIS and Python to understand biodiversity trends across the UK and identify areas potentially suitable for rewilding initiatives

Outputs

- Map showing areas with high/low biodiversity for the given land use type
- Map showing contiguous corridors of bird biodiversity where land should be protected
- Novel datasets and new insights
- Code outputs: https://github.com/96arjan/MetOffice_HackathonZ

Next steps

- Higher granularity mapping to produce very specific recommendations about land to rewild
- Incorporate time series trends & projections from climate change research to highlight at-risk areas
- Use data from source to normalise impact of specific wildlife observers & upward trend in wildlife observing
- Recommendations for potential new corridors where wildlife can be given new pathways through rewilding