

Making data work for nature



*The value of monitoring
and recording to inform
State of Nature reporting,
drive recovery action and
influence systemic change*



Katie-jo Luxton
RSPB's Executive Director of Global Conservation



**Katie-jo Luxton
Executive Director
Global Conservation
The RSPB**



State of Nature 2023

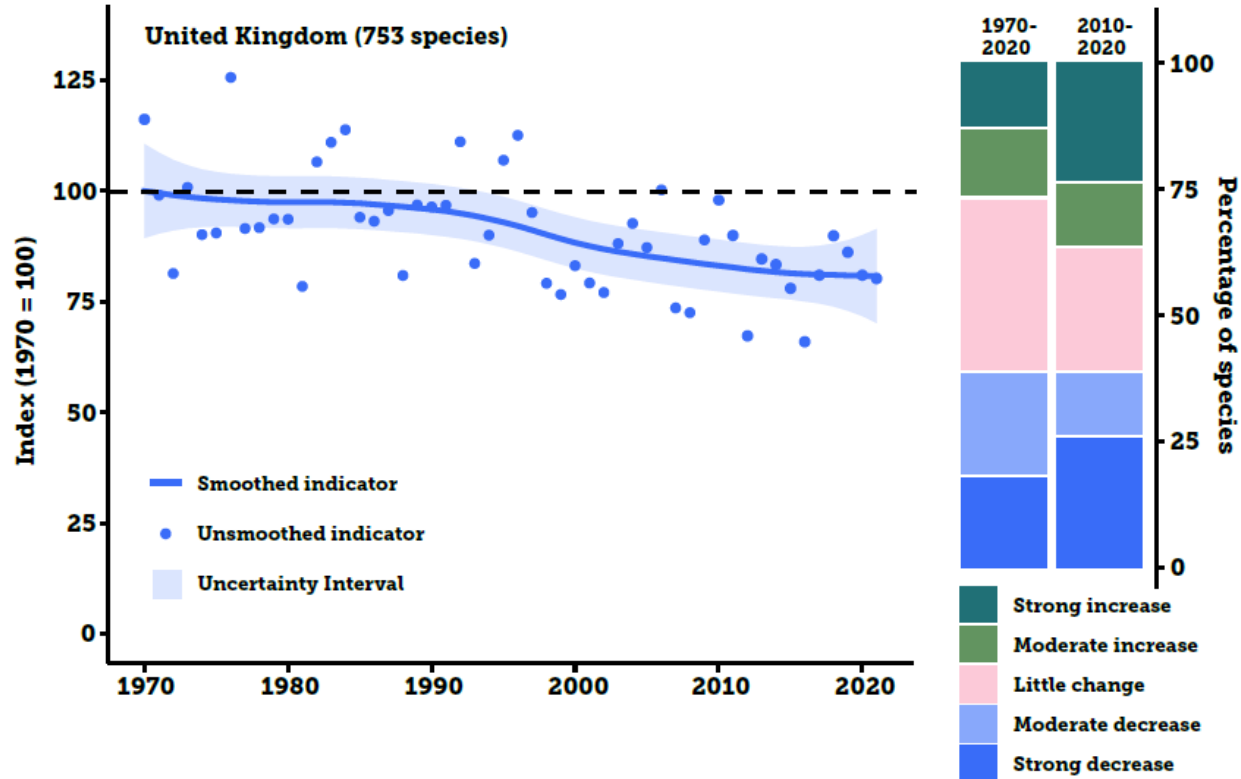


Figure 1: Change in average species' abundance across terrestrial and freshwater species (mammals, butterflies, moths, landbirds and wetland birds).

The abundance of 753 terrestrial and freshwater species has on average fallen by

19%



More species have seen their populations decrease than increase

38% have decreased

34% little change

27% have increased



The *State of Nature* assessments provide a **trusted, neutral, cross-sector evidence base** on the condition of UK biodiversity — its *status, pressures, and conservation responses*.



RSPB: Making data work for nature

The power of volunteers



22.5 million
'opportunities to
see' State of Nature
2023 across UK
media

Image: channel4.com



← Post



Steve Reed 
@SteveReedMP



Our economic security depends on protecting nature.

But the Tories have left the UK as one of the most nature-depleted countries in the world

Labour will reverse the tide of destruction of our natural world.



From independent.co.uk

9:25 am · 25 Apr 2024 · 5,528 Views

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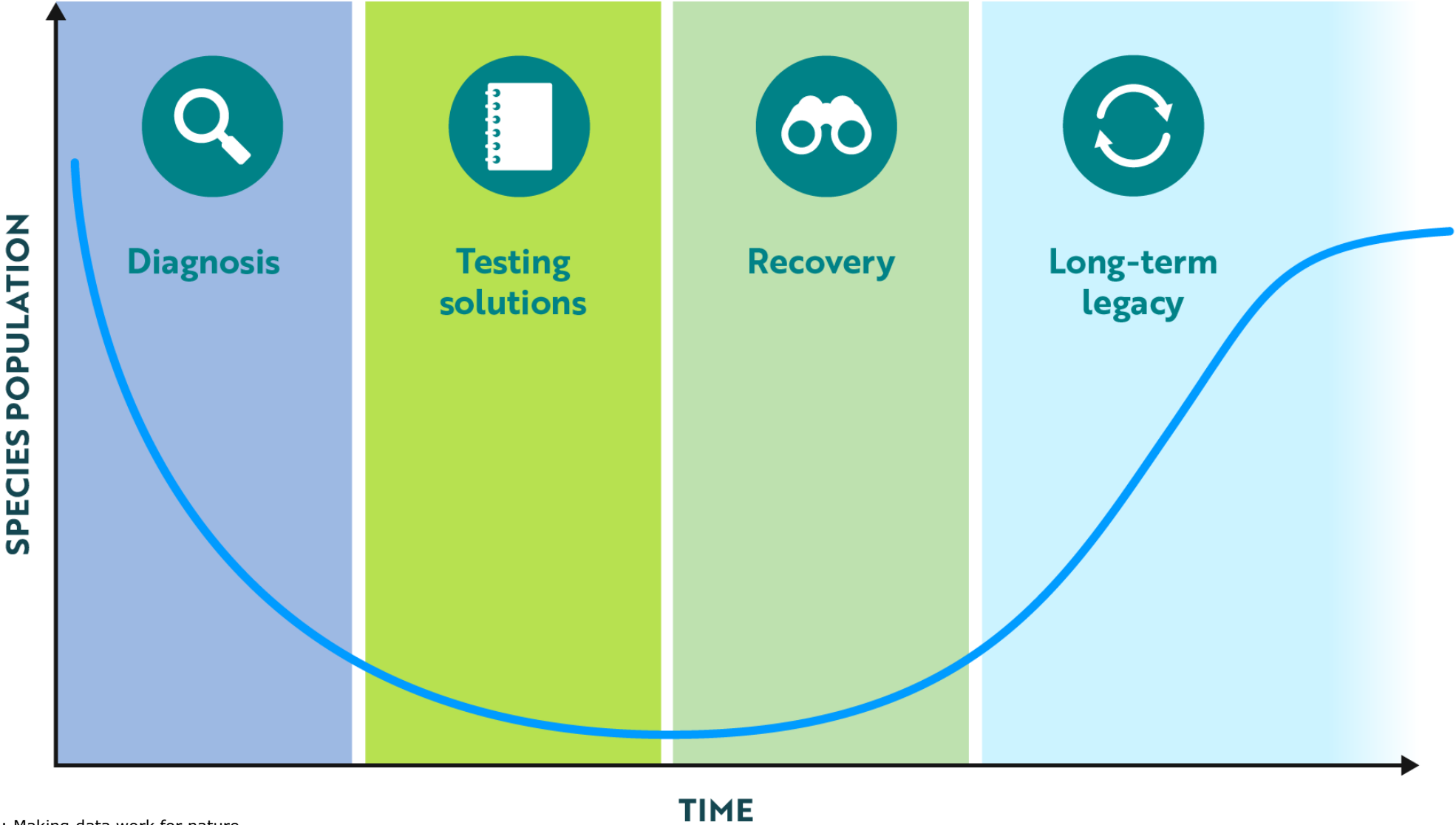


‘the 2023 State of Nature in Scotland report found that monitored species have declined by 15% over the last 30 years’



‘We will [..] bring forward a **Natural Environment Bill** to support delivery of our net zero and biodiversity goals’

Species recovery curve



What is species recovery and how do we do it?



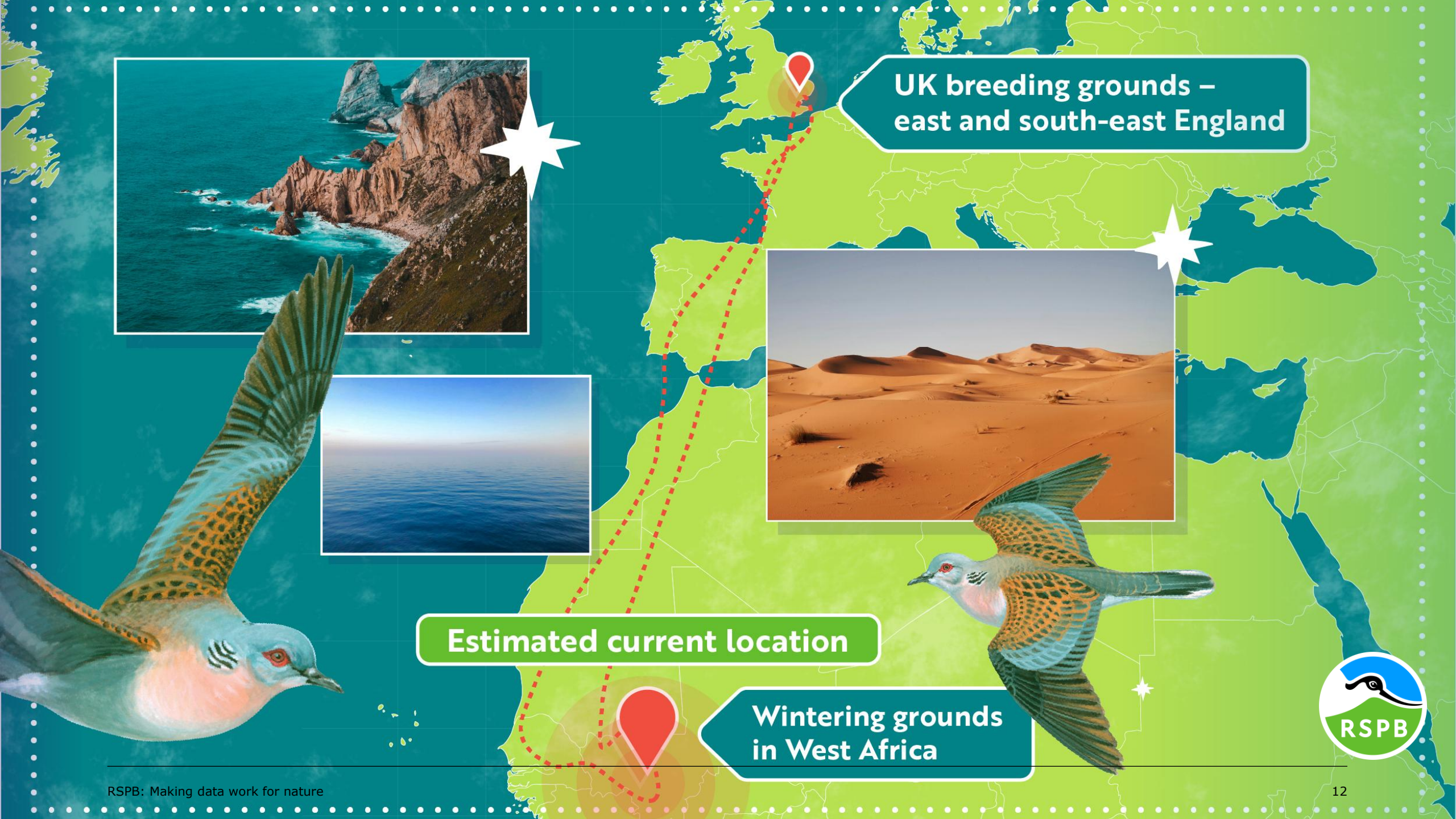
Turtle Dove: threats on the East Atlantic Flyway



Breeding habitat modification or loss
Unsustainable hunting
Illegal killing
Wintering habitat modification or loss



* Fisher et al 2018. EU Action Plan for the Conservation of the European Turtle-dove
LIFE14 PRE/UK/000002

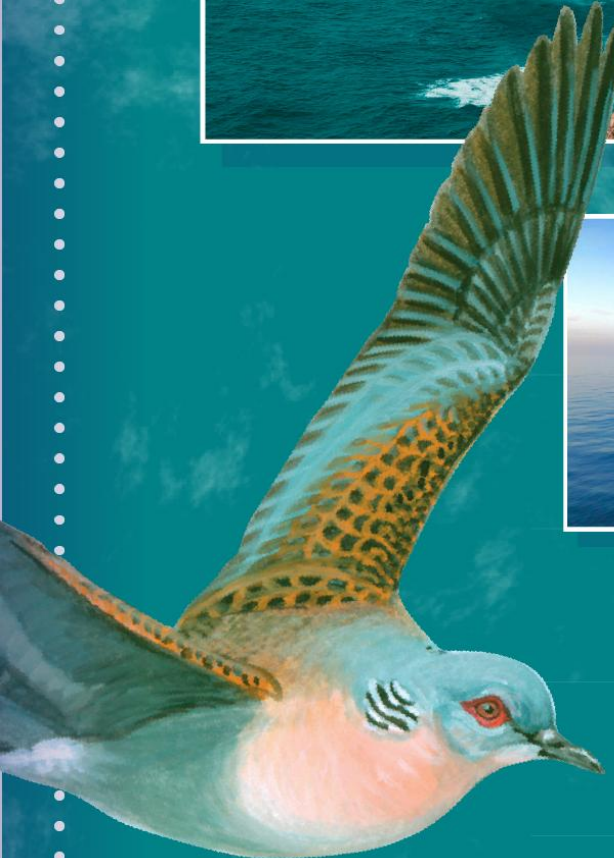


UK breeding grounds – east and south-east England



Estimated current location

Wintering grounds in West Africa





Operation Turtle Dove – Southern England

500 farms and community landowners

435 ha of seed rich habitat

65 ha of nesting habitat

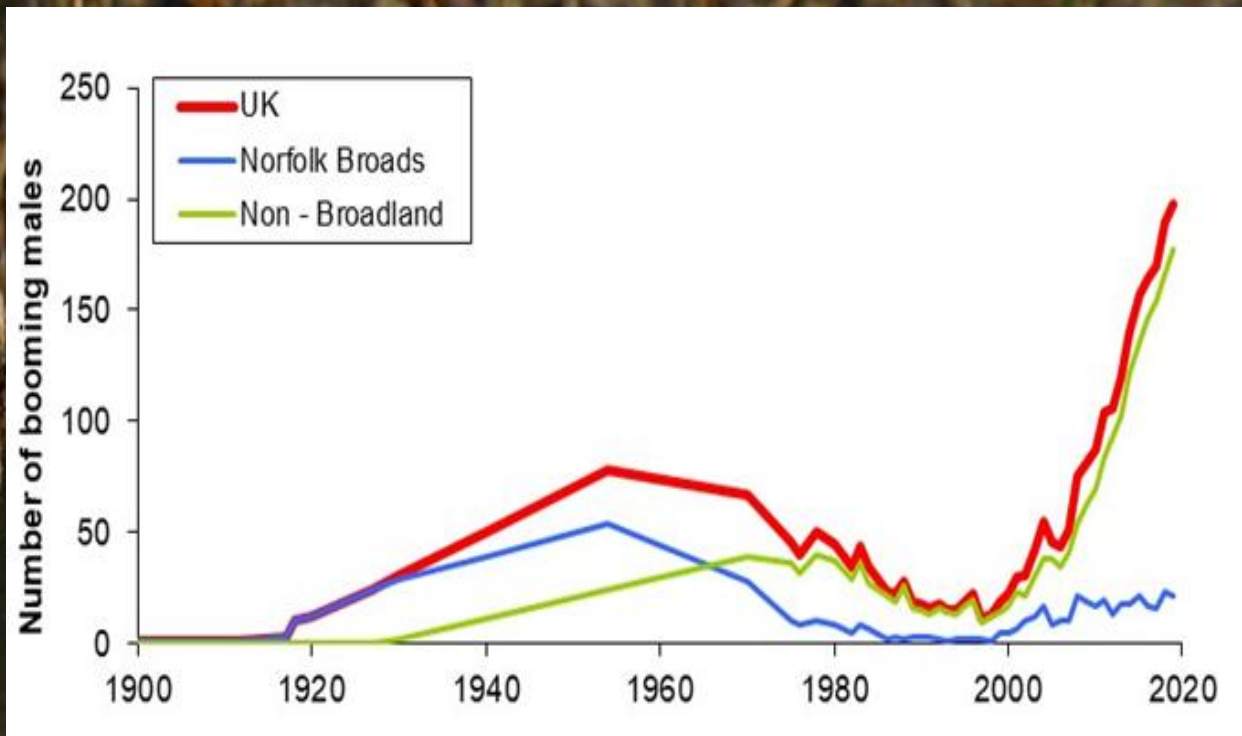
SFI options tested and promoted

Senegal - wintering roost



Bittern







Albatross Taskforce







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'Puffarazzi' clue to decline in puffins

© 28 November 2017 · 10 Comments



FRANK STEELEY

Photographs of puffins taken by wildlife enthusiasts have provided a clue to why numbers of the birds in Britain and Ireland have been falling.

RSPB Scotland said images showing what the birds were feeding chicks suggested that puffins in the Northern Isles were catching less nutritious prey.

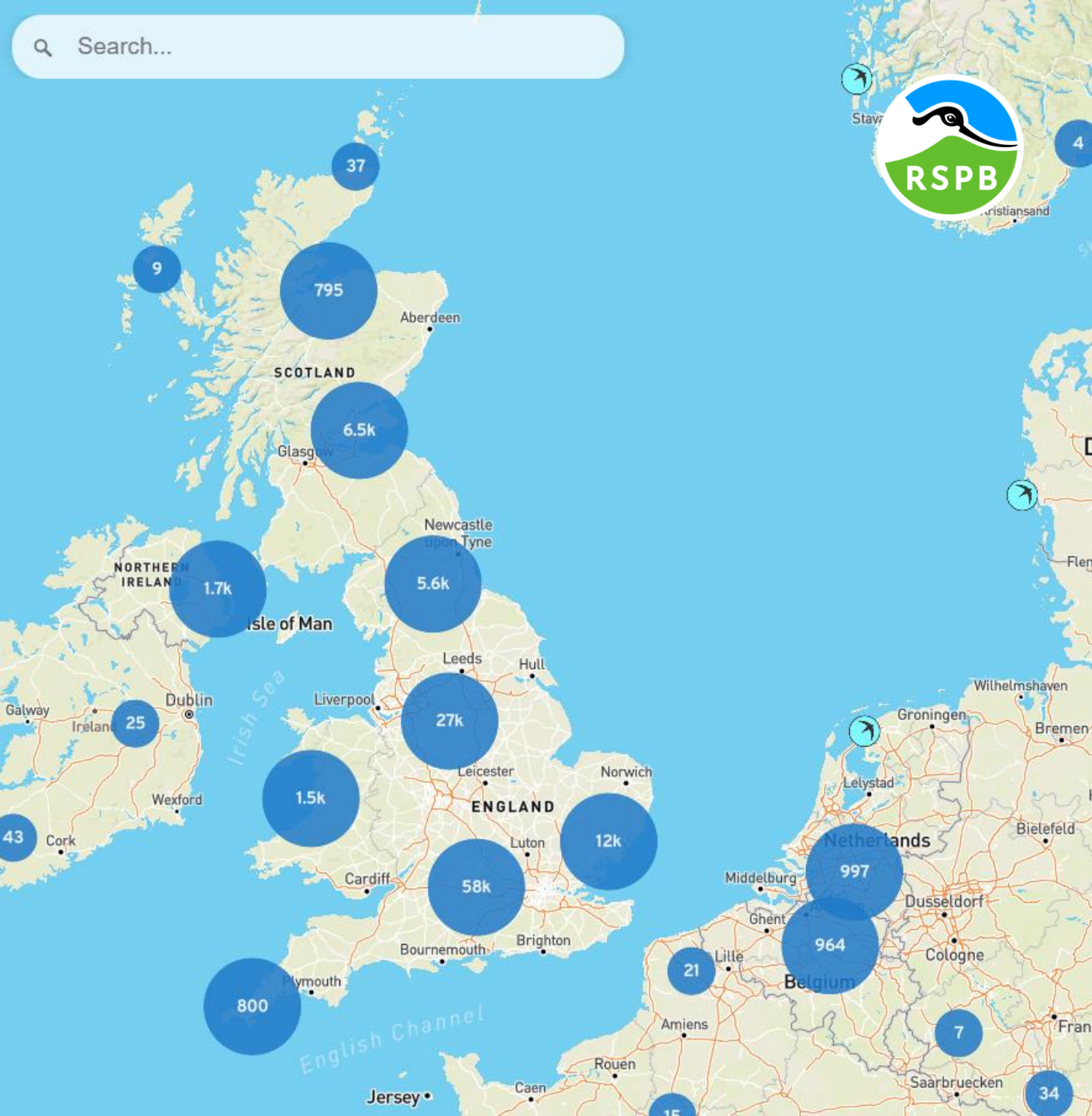
The colonies in Orkney and Shetland have suffered some of the most serious



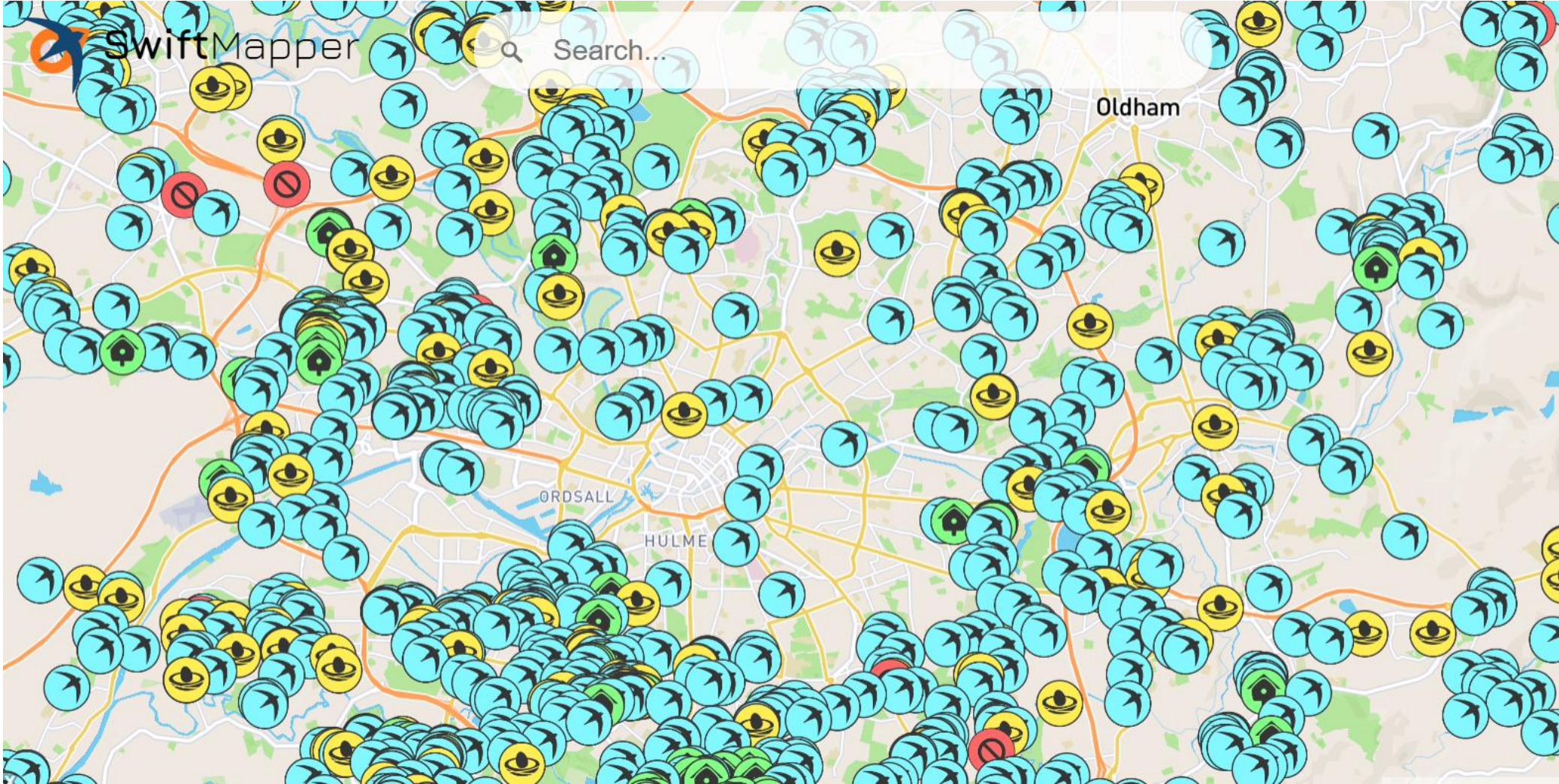
Swift Mapper - Citizen science and empowerment



www.swiftmapper.org.uk



SwiftMapper







Planning for Nature toolkit

Concerned that nature is being threatened by a planning proposal? Looking to create more spaces for nature within new developments? With our toolkit, you can make a stand for nature.



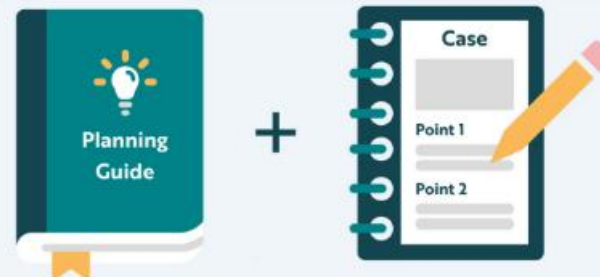
Engage with the planning system to protect wildlife

Our Planning for Nature toolkit has everything you need to turn your love of nature into action.



Step 1

Identify the issue you want to address, who is involved locally, and what your options are for influencing the outcome.



Step 2

Use this toolkit to make your case for nature with easy to follow how to guides and country-specific planning information.



Nature evidence support teams



Conservation Science

~ 100 natural, social and earth scientists and support staff working to deliver conservation rooted in knowledge

Ecology

~30 ecologists and archaeologists supporting conservation staff to manage habitats and species across the reserve network and priority projects

Conservation Data Management Unit

~30 data managers, GIS specialists, developers & data scientists

222 reserves
covering 158,651 hectares

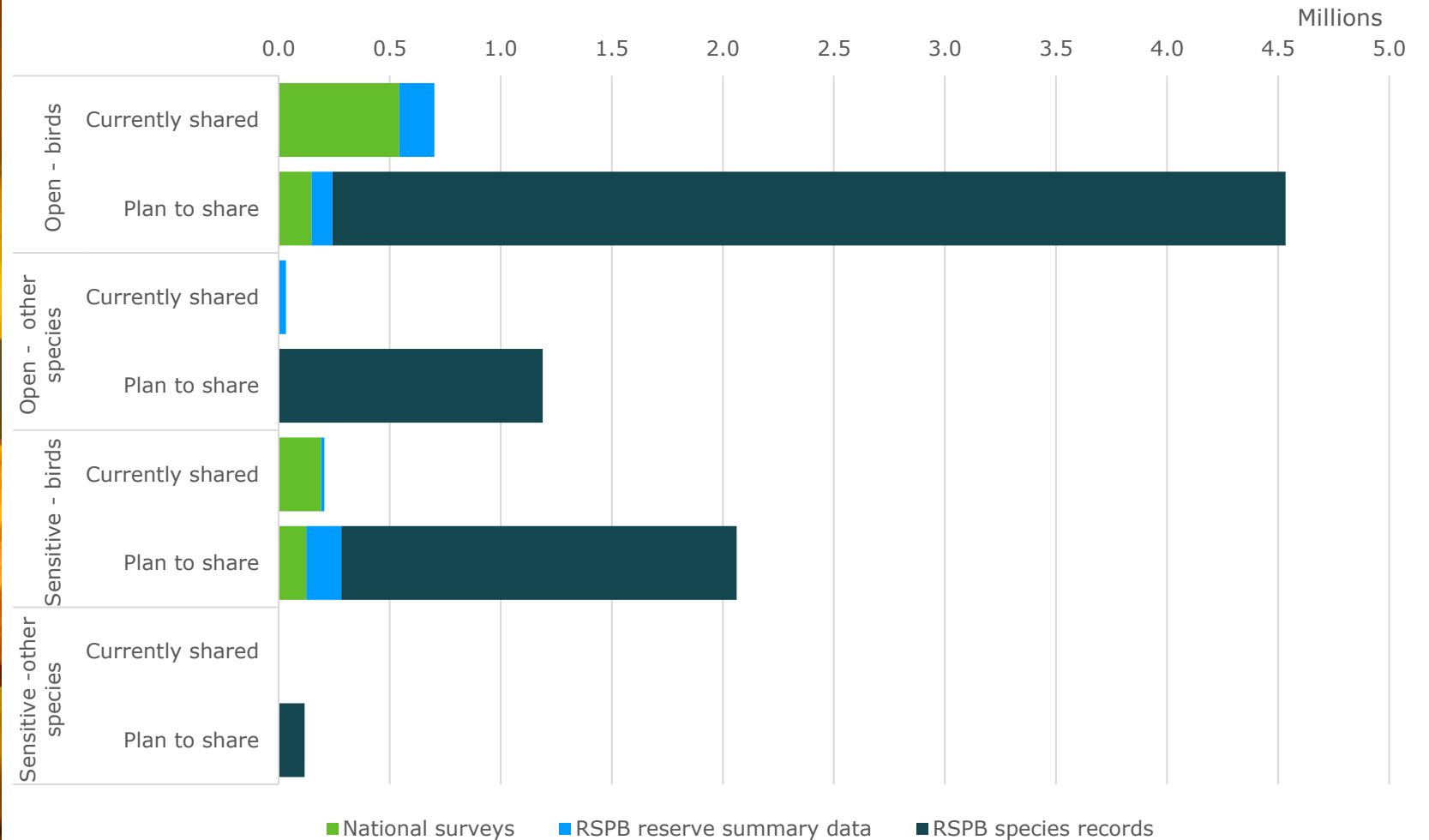
18,700 species
3,500 species of
conservation concern

RSPB data

8 million more
RSPB records
coming soon!



Overview of RSPB records on the NBN



Better Biodiversity Data project



A strategic approach to the collection, collation and sharing of biological data across Scotland, amplifying the value of our citizen science monitoring for key species





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Thank you!

Katie-jo Luxton

Executive Director
Global Conservation
The RSPB

Stay connected

Keep up to date with the latest thinking, news, events, and information from the RSPB in your local community.



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Protecting habitats, saving species
and helping to end the nature and
climate emergency.