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 tinyurl.com/mammalsocietysignup



How evidence-based mammal conservation needs your help

UK ACT Conference 2024

Derek Crawley (he/him), Vice Chair, Mammal Society



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Vision

A future in which sustainable mammal populations thrive as part of healthy and diverse ecosystems benefiting people and nature across the British Isles

www.mammal.org.uk



Mission



We work to ensure a bright future for mammals in the British Isles by inspiring, informing, supporting and enhancing conservation projects and policies that protect and restore native mammal populations and their habitats.



We empower conservationists, students, citizen scientists and nature champions to play a key role in mammal conservation now and in the future through providing training, resources and survey activations.

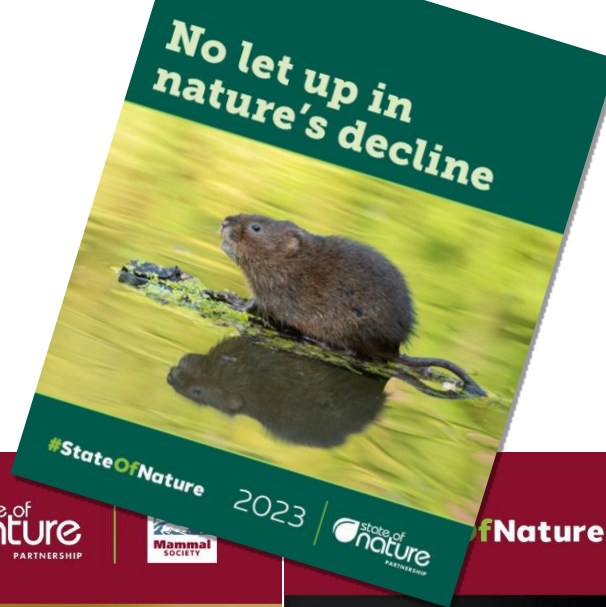


We seek to build public awareness of and support for mammal conservation through education, communications and campaigns.

Why Mammals?



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#StateOfNature

2023



#StateOfNature

2023



2023



fNature

2023



More than a quarter
of UK mammal species
face local extinction



The drivers of habitat loss need to be tackled urgently through action in all areas – especially in the way land is managed for agriculture.



Habitat loss and other pressures are driving many species into decline



Why Mammals?



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What have the ~~ns~~ ever done for us?

MAMMALS



Mammal Mapper

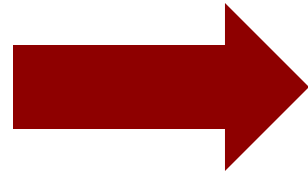
Download the app



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www.mammal.org.uk/volunteering/mammal-mapper

Why Monitor?



iRecord



The NBN Atlas is the UK's largest repository of publicly available biodiversity data

NBN atlas 



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- Inform local action
- Inform conservation priorities
- Inform policy

Why Universities and Colleges?



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Great
People

Great
Sites

Monitoring Techniques



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(C) L. Staines



(C) Derek Crawley



(C) Canva 2022

Monitoring Techniques



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1. Tracks & Signs



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2. Footprint tunnels



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3. Live Trapping



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4. Camera Traps

Monitoring Techniques



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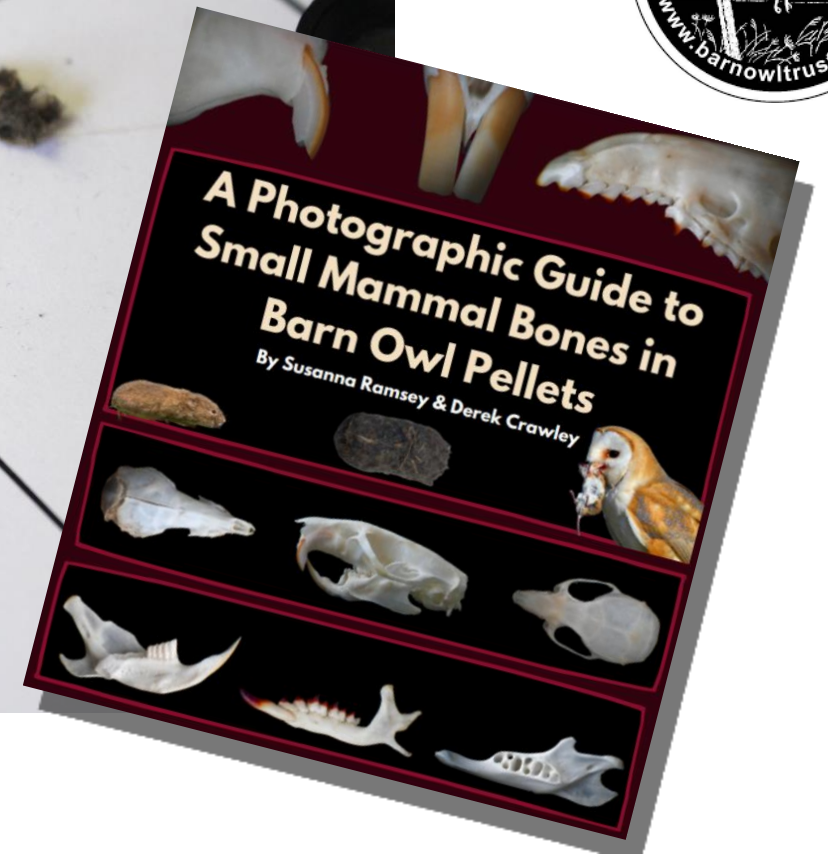


5. Audio

Our projects: Searching for Shrews



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Comparing Shrews' Upper Incisors & Unicuspids

Not to Scale!

Water shrew (*Neomys fodiens*)
Hook-like incisor
4 unicuspids. (4th missing here.)

Greater white-toothed shrew (*Crocidura russula*)
No red tips to teeth
Hook-like incisor
3 unicuspids. 3rd is equal height to 2nd

Common shrew (*Sorex araneus*)
5 unicuspids
3rd is smaller than 2nd

Lesser white-toothed shrew (*Crocidura suaveolens*)
No red tips to teeth
Hook-like incisor
3 unicuspids

Pygmy shrew (*Sorex minutus*)
5 unicuspids. (4 + 5 missing here.)
3rd is larger than 2nd

Comparing Shrews' Skulls & Jawbones

Skulls

Pygmy shrew (*Sorex minutus*)

Greater white-toothed shrew (*Crocidura russula*)

Jawbones

Pygmy shrew (*Sorex minutus*)

Greater white-toothed shrew (*Crocidura russula*)

To scale



Not to scale

Lesser white-toothed shrew (*Crocidura suaveolens*)*

Water shrew (*Neomys fodiens*)

Greater white-toothed shrew (*Crocidura russula*)

Common shrew (*Sorex araneus*)

Pygmy shrew (*Sorex minutus*)



Our projects: Harvest Mouse Survey



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Colin Seddon



Our projects: Mountain Hare Survey



University Mammal Challenge (UMAC)



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What is it?

UMAC is an annual competition run by the Mammal Society.

Why get involved?

1 in 4 of Britain's mammals are at risk of extinction. University and College campus's can be hotspots for mammal species. UMAC helps monitor mammals in areas that often don't get surveyed.

How it works:

Teams select 4 transects to walk every month, recording mammals/mammal signs on the mammal mapper app. Team can also survey using footprint tunnels, camera traps or acoustic equipment. Or earn points by hosting engagement events or fundraisers for the Mammal Society.

Form a local mammal group

- Listing on Mammal Society website
- Free training and advice
- Comms support
- Insurance for activities
- Equipment loan



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Mammal Society Membership

www.mammal.org.uk/membership



Join the Mammal Society to support our vital work

Just £3 a month (student rate) gets you the following benefits:

- Reduced price tickets on our range of training courses
- Reduced price Annual Conference tickets
- Our high-quality members' magazine Mammal News (pdf)
- A say in Mammal Society decisions at our Annual General Meeting and in our Committees

QUESTIONS?



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To donate £5 text **MAMMALS** to **70450**

Get in touch! Fiona@mammal.org.uk

www.mammal.org.uk