

Fauna and fungi response to heathland restoration

Prof Russell Wynn
Director, Wild New Forest



Survey methods

- Surveys conducted at three new heathland restoration sites on Crown lands
 - Dunces Arch
 - Matley Ridge
 - Turf Hill
- Conifers at all three sites were removed in late 2022
- Monthly walkover surveys (25 m transect spacing) in spring and autumn 2023
- Nocturnal (dusk) survey around site perimeter conducted in summer 2023
- Project supported by NFBF funding and delivered in partnership with FE
- Footprint Ecology commissioned by FE to conduct plant surveys at all three sites

Dunces Arch (25 Sept 2023)



Dunces Arch (03 Oct 2023)



Dunces Arch (03 Nov 2023)

































Key findings

- A wide variety of heathland-specialist animal and fungi species were recorded
- Partially restored habitat still capable of (quickly) attracting priority species
- Woodlark, Nightjar, and Stonechat recorded at all three sites
- Serotine, Common Pipistrelle, and Glow-worm recorded in new 'edge' habitats
- Coprophilous fungi of open habitats included abundant Nail Fungus
- Saprotrophic fungi, invertebrates, and slime moulds frequent on woody debris
- Mycorrhizal fungi largely absent, with just a few birch-associated species remaining
- Survey work will continue at all three sites in 2024
- Thanks to NFBF and FE for supporting the project!

Singing Woodlark at Matley Ridge (27 Apr 2023)



Churring Nightjar at Matley Ridge (19 June 2023)

