

Nature in the Dales:

2020 vision

The second Biodiversity Action Plan for the
Yorkshire Dales National Park

Fungi Species Action Plans

Yorkshire Dales Biodiversity Forum, 2011
Amended Feb 2015

FUNGI SPECIES ACTION PLANS

TRENDS & STATUS 2011

BEAUTIFUL BONNET *Mycena renati*

Population in Britain	Restricted UK Range
Population in the YDNP	Buckden area 1922
Conservation Status in UK	Critically Endangered in Britain or the UK
Conservation Status in Europe	Unknown
Current national population trend	Decline
Current YDNP trend	Unknown

DATE-COLOURED WAXCAP *Hygrocybe spadicea*

Population in Britain	Restricted to south-facing limestone pastures in sub-montane regions
Population in the YDNP	Records from Kilnsey/Netherside area 1940
Conservation Status in UK	Vulnerable
Conservation Status in Europe	Provisional Red List
Current national population trend	Unknown
Current YDNP trend	Unknown

FEN PUFFBALL *Bovista paludosa*

Population in Britain	Unclear
Population in the YDNP	Recorded at a minimum of four sites
Conservation Status in UK	Conflicting information
Conservation Status in Europe	A candidate species for listing in Appendix I of the Convention on the Conservation of European Wildlife and Natural Habitats
Current national population trend	Unknown
Current YDNP trend	Unknown

DARK-PURPLE EARTHTONGUE *Geoglossum atropurpureum*

Population in Britain	Approximately 40 hectads throughout the British Isles.
Population in the YDNP	Records from Ingleton area in 1957
Conservation Status in UK	Unknown
Conservation Status in Europe	Red List
Current national population trend	Decline
Current YDNP trend	Unknown

UK BIODIVERSITY TARGETS 2011

UK BAP Targets	Priority Actions for YDNP LBAP
Monitor habitat condition and species, at least every six years, at extant sites and ensure that management maintains or expands suitable deadwood habitat and modify accordingly.	Yes
Encourage survey of suitable sites throughout potential UK range and bring sites discovered into the monitoring and management framework.	No
BEAUTIFUL BONNET: Improve ecological knowledge regarding the distribution and habitat requirements of this fungus through: 1) development and use of a DNA probe to determine its true distribution (applied at extant and historic sites as a priority) and, 2) analysis of habitat variables from UK and non-UK localities, to better inform habitat management.	No
DATE-COLOURED WAXCAP: Improve ecological knowledge regarding the distribution, habitat requirements and nutritional role of this fungus through: 1) development and use of a DNA probe to determine its true distribution and substrate/host preferences and, 2) analysis of habitat variables from UK and non-UK localities, to better inform the management of existing unimproved grassland and ancient lawn sites and restoration of others.	No
DATE-COLOURED WAXCAP: Protect all significant populations.	No
FEN PUFFBALL: Improve ecological knowledge regarding the habitat requirements of this fungus through: 1) development and use of a DNA probe to determine its true distribution and, 2) analysis of habitat variables from UK and non-UK localities, to better inform the management of existing sites and creation of new habitats into which this fungus can expand.	No
DARK-PURPLE EARTHTONGUE: Monitor habitat condition and species, every year, at extant sites to ensure that fen management maintains or expands moss-rich flush habitat and modify accordingly.	Yes
DARK-PURPLE EARTHTONGUE: Improve ecological knowledge regarding the habitat requirements of this fungus through: 1) development and use of a DNA probe to determine its true distribution and, 2) analysis of habitat variables from UK and non-UK localities, to better inform the management of existing sites and creation of new habitats into which this fungus can expand.	No

**NATURE IN THE DALES: 2020 VISION
OBJECTIVES, ACTIONS, TARGETS & MILESTONES**

Objectives

FU1: To implement survey and monitoring requirements including habitat assessment at known sites.

Actions & Targets

Actions	Main Delivery Mechanism	Lead Organisation	Indicator
FU1. To implement survey and monitoring requirements including habitat assessment at known sites.	Targeted assessment	Biodiversity Forum	N/A

Milestones

Actions	Target	When?
FU1: Continue implementation of survey and monitoring of Beautiful Bonnet, Date-coloured Waxcap, Fen Puffball and Dark-purple Earthtongue including habitat assessment at known sites.	Report(s)	2016

Nature in the Dales: 2020 Vision was written and co-ordinated by Tim Thom, Ian Court, Frances Graham & Hannah Fawcett of the Yorkshire Dales National Park Authority in 2011, following consultation. The production of the plan was steered, advised and supported by the Yorkshire Dales Biodiversity Forum who will be responsible for ensuring that the actions and targets in *Nature in the Dales: 2020 Vision* are achieved. Minor revisions made Feb 2015.

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