



Curlew

Welcome to the start of the nature trail. Since 2006, the Hawk and Owl Trust has managed Fylingdales Moor on behalf of the Strickland Estate, to conserve and enhance upland wildlife, and preserve its archaeological remains. As a Special Protection Area, a key aim is to encourage birds of prey such as the merlin to breed, as well as golden plover, snipe, curlew and other moorland birds.

The very nature of birds of prey means sightings of merlin are elusive, but pull on your boots and let's enjoy their wonderful wild moorland habitat.

A wide range of species can be found along the trail marked by 6 coloured posts.

The 4.3 km trail starts and finishes at the Jugger Howe layby off the A171 between Whitby and Scarborough (Grid Reference NZ 944002) - one mile south of the Flask Inn & Cafe YO22 4QH (nearest toilets for customers).

Unsuitable for dogs - they can disturb wildlife so are not allowed off rights of way on this access land.

Wear clothing and enclosed shoes (adders) suitable for an exposed moorland and rough paths. There are steps and a steep slope.

4.3 km



Small Heath

Want to become a moorland

wildlife spy?



Tick any of these you spot



Bring a crayon and some plain paper and have a go at rubbing pictures on the 6 wooden posts as you go around

Answers below



Small Heath, Bullfinch, Meadow Pipit, Golden Plover, Common Lizard, Common Nighthawk, Curlew



Guided school visits are offered free using Higher Level Stewardship funding. Please contact the Education Officer.



Discover Moorland Wildlife

Thank you to Heather and Martin Mason, whose enjoyment of wildlife photography on the moors has inspired them to donate many of the photos and fund production of this leaflet.

1. Bog asphodel
2. Meadow pipit
3. Male skimmer
4. Common adder



Thanks to NYMNPA 'HOOTS' volunteers who completed the boardwalk in all weathers. The timber was jointly funded by the North York Moors National Park Authority's LEADER Small Scale Enhancement Scheme.

Also thanks to: www.aperture2000.com, Z. Eyre, G. Featherstone, D. Hall, J. Hume, H. Mason, I. Robinson, shockthesenses.com, D. Smith, G. Smith

hawkandowl.org/fylingdales

Hawk and Owl Trust Fylingdales Moor contacts:



Discover Moorland Wildlife

on Fylingdales Moor

Jugger Howe Nature Trail



Time: 2-3 hours

Working for wild birds of prey and their habitats

White post

Begin along the concrete track; this was laid during WWII when the moor was used as a firing range.

The two mounds on your right are "howes" (bronze age burial mounds), after which this part of the moor is named. Try spotting the three different species of heather, all providing suitable habitat for many butterfly and moth caterpillars, and nectar for the adults (watch out for the common blue or the brilliant red of the 6-spot burnet moth). Bell heather with its brighter and longer flower heads is distinct from the more widespread and smaller flowers of the ling (common heather).

Where rainwater run-off from the track has made the peaty soil less acidic, common spotted orchids grow.

A shy but venomous snake, the adder may be seen basking, especially once it emerges from hibernation in the spring. Also look out for slow worms - a legless lizard.

Red post

As you pass the red post on your left, keep straight ahead as the concrete becomes a track. Listen out for skylarks singing, whilst the "sweep" of the meadow pipits alerts you to their presence, and watch for their more parachuting descent flight.

You may catch a fleeting glance of Britain's smallest falcon, the merlin. Watch as it hunts fast and with agility over the tops of the heather, catching small birds mid air.

Look about you and you will see a patchwork of heather, the shorter areas encourage wading birds to breed and red grouse and sheep to feed on the shoots. Listen for the unmistakable "go back, go back" call of the grouse.

Purple flowering violets grow alongside the track and these are the favoured food plant of the caterpillar of a rare yet locally abundant butterfly, the small pearl-bordered fritillary (on the wing towards the end of June/early July).

Pass on your left the 400 m target trench used for firing practice in WWII. Concrete blocks are the remains of the winding mechanism.

As you reach the top of the steps leading down to Jugger Beck, take time to enjoy the view. You may see swifts gliding, or a kestrel hovering whilst watching for prey in the grass below. Or hear the "two stones being knocked together" call of the stonechat as it sits atop a bush, or hear a cuckoo.

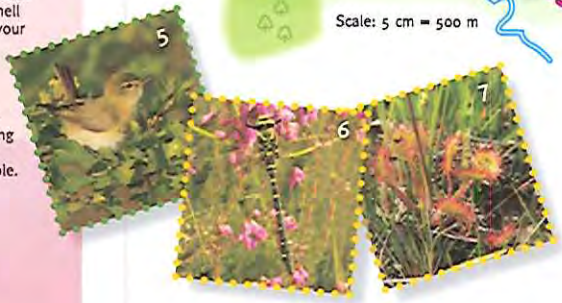
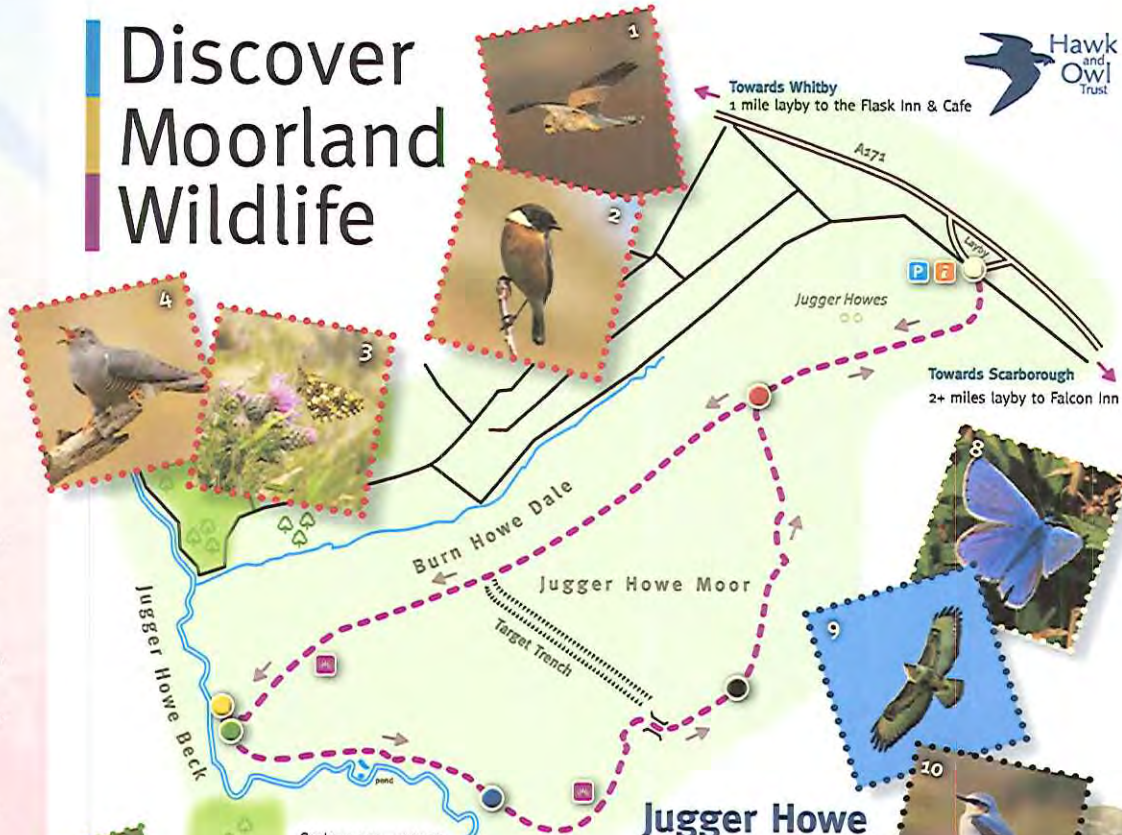
Green post

Pause at the green post to enjoy the song of warblers such as whitethroat, willow warbler and chiffchaff and also the song of yellowhammer, redstart, chaffinch and members of the tit family.

Yellow post

Turn right and as you approach the yellow post you can smell the bog myrtle used to flavour gale ale (try rubbing the leaves). Keen eyes may spot dragonflies such as the golden-ringed or common hawker along the alder-edged beck. A plopping sound may give away the presence of a water vole.

Discover Moorland Wildlife



Jugger Howe Nature Trail

1. Hovering Kestrel
2. Male Stonechat
3. Small Pearl-bordered Fritillary
4. Cuckoo
5. Willow Warbler
6. Golden Ringed Dragonfly
7. Sundew
8. Male Common Blue Butterfly
9. Common Buzzard
10. Male Wheatear
11. Male Crossbill



Yellow post (cont.)

Retracing your steps back to the green post, turn right and follow the valley path.

Keen eyes may spot a common lizard basking or down on the path an iridescent green tiger beetle.

Take care of your step in areas of wet mire. This habitat is of special conservation interest characterised by the nodding heads of cotton grass, the springy *Sphagnum* bog moss, and paler cross-leaved heath.

In summer it comes ablaze with the bright yellow flower heads of the bog asphodel and the pale purple of heath orchids. Admire a patch of the small insect-trapping plants called sundew.

From a pond created in a meander of the beck, in Springtime you may hear the croaking of mating toads or frogs as you pass by.

Look down to knee level for small heath butterflies and small and large skippers.

Blue Post

Ascend the steps.

Half way up the slope take a breather at the blue post. A mewling call may deflect your gaze towards some soaring buzzards.

When you reach the next slope, stop to enjoy the view towards Castlebeck Woods.

Now at the top, follow the path to the right. Having crossed over the bridge, look back to see the opposite end of the straight target trench.

Black Post

As you pass the black post, look across the heather to your left. This wet area is favoured by waders including snipe and curlew.

In April and May the haunting call of their name (cor-yew) heralds their return to the moors to breed.

Look out for perched reed buntings and wheatear.

Having reached the hard standing used by military vehicles, looking from the left corner, can you spot the tway blade orchids in among the grass?

Follow the concrete along to the red post where you turn right back to the layby where you started.

In winter snow bunting, crossbill and continental thrushes are about.

NYMNP
1 0 AUG 2017

Common Lizard

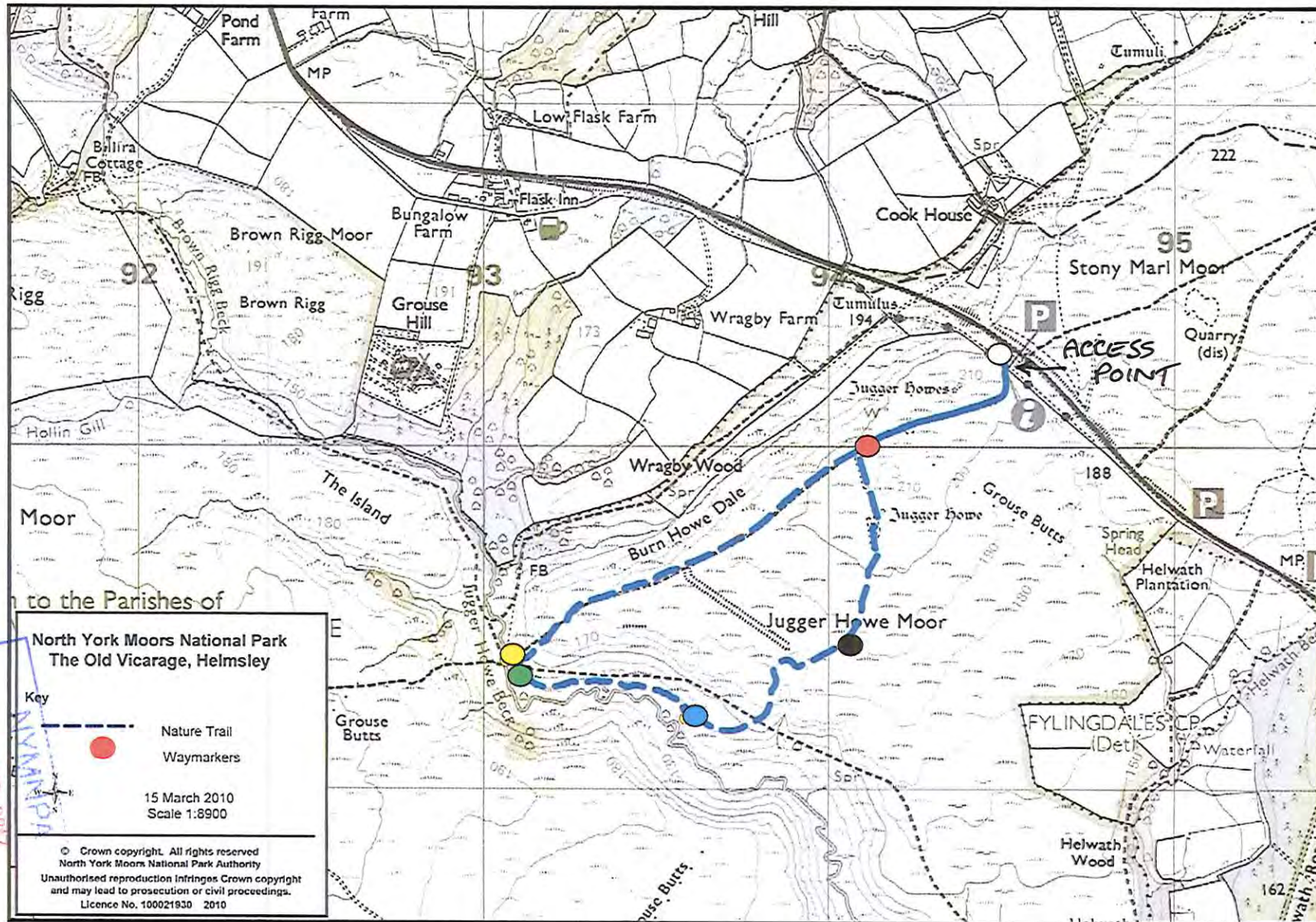
Merlin

GPS LOCATION DETAILS OF BOARDWALK SECTIONS (HIGHLIGHTED)

Section	Eastings	Northings	Length (m)	Issue	Proposal
1	493118	499329	168	Sloping path vulnerable to erosion	Dig out to widen andrevet path on slope side
2	493281	499309	25	Wet section with flowing water	Drainage ditch alongside with cross path channels
3	493416	499309	20	Wet section - people avoiding and creating other paths	Boardwalk
4	493441	499291	0	Multiple paths being used	Waymark Post
5	493429	499298	28	Wet Section	Boardwalk
6	493467	499295	7	Wet Section	Boardwalk
7	493488	499288	50	Deep Bog and extended wet area	Boardwalk
8	493545	499265	35	Wet area	Boardwalk
9	493584	499238	30	Wet area	Boardwalk
10	493595	499201		Slope - eroding and may become slippy	Steps
11	493879	499378	25	Water crossing	Raised Boardwalk



ACCESS MAP - JUGGER HOWE NATURE TRAIL



10 AUG 2017

Beech House, Haxby, York, YO32 2LH

Prof. John Edwards,
The Hawk and Owl Trust,
Lastingham Lodge,
Low Str.,
Lastingham,
YO62 6TJ

Dear John,

As owner of Fylingdales Moor, I would like to extend my full support for your project to create a wildlife trail on Jugger Howe Moor and for your efforts to raise the funding for that trail,

Yours sincerely,

Sir Frederic Strickland-Constable



FYLINGDALES MOOR ESS (Environmental Stewardship Scheme) Ltd

Correspondence Address
Riverhead Farm
Hatwood Dale
Scarborough
North Yorkshire
YO13 0LA

Professor John P. Edwards
The Hawk and Owl Trust
(Fylingdales Moor)
c/o Lastingham Lodge
Lastingham,
North Yorkshire YO62 6TJ

Dear John,

Re: Funding for Nature Trail on Fylingdales Moor

I write on behalf of Fylingdales Moor ESS Ltd to support your application to the National Park for funding of the above mentioned nature trail on Jagger Howe Moor.

We feel that this is essentially important to give support to the Education Programme which is being undertaken to try to interest and educate both school children and adults to all aspects of Fylingdales Moor.

We wish you luck in your efforts to gain the funding for this worthwhile and important project. Please let us know if there is anything else we can do to help.

Kind regards
Yours sincerely,

Julie C. Crabtree
Administrator

NYMNP
08 NOV 2011

Fylingdales Moor ESS (Environmental Stewardship Scheme) Ltd Reg. Address c/o Messrs Moore Stephens,
12-13 Alma Square, Scarborough, YO11 1JU Directors: Sir Frederic Strickland-Constable, Mr. L. Hodgson,
Mr. A. Flintoft, Mr. G. Crabtree, Mr. R. Dixon, Ms E. Hall, Mr. P. Turford Administrator: Mrs. J Crabtree.
Company Registration No: 6927986 VAT Registration No: 973 7636 72

NYMNP
10 AUG 2017



NYM / 2011 / 0746 / 11

Manor of Fyling Court Leet

Bailiff.
Mr L E Hodgson
Low Farm
Fylingthorpe
Whitby
North Yorkshire
YO22 4QF

Professor J Edwards
The Hawk and Owl Trust
C/o Lavingham Lodge
Lavingham
N.Yorks

Nature Trail at Jugger Howe

Dear John,

I am writing on behalf of the Manor of Fyling Court Leet to offer our full support for the proposed nature trail on Jugger Howe Moor. As you know the court leet has been involved with Fylingdales Moor for hundreds of years now, but it is nice to see new and varied uses for the moor, the nature trail being one.

We wish you well in your efforts to gain funding for the project. If the court leet can be of any further help with this project please contact me.

Yours sincerely,

L.E.Hodgson



Annex 1: Pro forma "Notice and Consent"



- 4 JAN 2011

RECEIVED

Fylingdales Moor Site of Special Scientific Interest North Yorkshire ("the SSSI")

NOTICE OF PROPOSAL TO CARRY OUT AN OPERATION

Section 28E(1)(a) Wildlife and Countryside Act 1981 (as amended and inserted by section 75 and Schedule 9 of the Countryside and Rights of Way Act 2000)

On behalf of the below-named person(s), Natural England has prepared this Notice of Proposal to carry out, cause or permit an operation (or operations) specified in the SSSI's notification. That operation (or operations) will be lawful if carried out, caused or permitted by the below-named person in the manner and on the land specified below once this document is signed by or for the below-named person(s) and for Natural England.

Name and address of owner(s) or occupier(s):

The Hawk and Owl Trust, c/o Lastingham Lodge, Low Street, Lastingham, North Yorkshire YO62 6TJ

I/we give notice under Section 28(E)(1)(a) of the Wildlife and Countryside Act 1981 of my/our proposal to carry out cause or permit to be carried out the operation(s) specified below on the land specified below:-

Specified operations:

Nature Trail (open access) at Jugger Howe Moor, Fylingdales Moor

Details of proposed operations:

Construction and installation of a Nature Trail at Jugger Howe Moor, Fylingdales Moor. Use of existing rights of way (Lyke Wake Walk) and installation of boardwalk sections to prevent damage/erosion as specified by North York Moors National Park Authority. Erection of six wooden way-mark posts (see map) to act as interpretative points around the route of the Trail.

Timing of proposed operations: Primary construction as weather permits during 2011 (assuming funding is forthcoming). Henceforth maintenance work only as required for public safety

Land on which operations are to be carried out

See attached map.

Signed for owner(s) or occupier(s):

Date:

20/12/2010



CONSENT OF NATURAL ENGLAND

Section 28E(3)(a) Wildlife and Countryside Act 1981 (as amended and inserted by section 75 and Schedule 9 of the Countryside and Rights of Way Act 2000)

Natural England gives you consent to carry out, cause or permit to be carried out, the operations specified above on the land specified above.

If you wish to change the proposed operations or their location or to carry out additional operations for which consent has not yet been given, or if a time period given in the notice, above, has expired, you are required to give further written notice to Natural England.

Unauthorised operations may destroy, damage or disturb features of special scientific interest.

It is the responsibility of the grantee of this consent to ensure that no other consents, whether of a public or a private nature, are needed and, if needed, to secure them him/herself. The grantee is also responsible for carrying out the consented operation(s) safely and in all ways according to the law.

Signed for Natural England :

Date: 5th January 2011



Natural England
Alverton Court
Crosby Road
Northallerton
DL6 1AD
Direct Line:

If you have any queries or concerns over this consent, please contact Amanda Coward, at the above address.

Reference number of operations from SSSI notification documents, for Natural England's use only:10

