



LIFE+ Project – Restoration of the Humberhead Peatlands

Mid-Term Workshop

Tuesday 27th September 2016 – Thorne Moors, Thorne, South Yorkshire, England

09:00 – 16:15

Programme		
<i>Thorne Rugby Club</i>		
09:00 – 10:00	Arrival, registration and Humberhead Peatlands marketplace	An opportunity to browse the marketplace and meet researchers and local amateurs who have contributed and shaped the Humberhead Peatlands, and to discuss with them their work and results. The marketplace will feature a display of the LIFE+ Project. Staff from the Project and National Nature Reserve will be on hand to answer questions ahead of the onsite workshops.
10:00 – 10:20	Welcome and introductions <ul style="list-style-type: none"> • Housekeeping • Overview of the day 	Paul Duncan, Humber Team Leader, Natural England
10:20 – 10:40	Opening plenary <ul style="list-style-type: none"> • History (setting project in context) • LIFE+ Project 	Roger Meade
10:50	Board mini bus to Thorne Moors SAC	
<i>Thorne Moors SAC</i>		
11:15	Arrive at Thorne Moors SAC	Site Guides will accompany delegates throughout the day and guide them to each onsite workshop. A lunch break of 30 mins is scheduled during the day.
Delegates will attend each of the four workshops, covering Scrub Control, Hydrology, Invertebrates and Nightjars. Each workshop lasts approximately 45 minutes.		

Workshop 1		Workshop 2	
Title	Getting to grips with the Goatsucker - Monitoring and tracking our nocturnal Nightjars.	Title	Don't forget Cinderella! Catering for insect and spider assemblages in lowland raised bog restoration.
Objective	The European Nightjar is a sparsely distributed ground nesting bird, with quite specific habitat requirements for nesting. The Humberhead Peatlands is one of the few peatland sites in the country to be designated an SPA because of its nightjar population. This workshop will discuss methods for monitoring these birds during the breeding season and tracking their foraging movements.	Objective	Invertebrates contribute the greatest number of species to peatland faunas. They form the foundations of food webs and also provide flagship species to help communicate restoration messages. However, invertebrates are only considered infrequently in restoration projects. This session will explain how to measure the responses of invertebrates during restoration and discuss how their needs can be met.
Topics covered	<ul style="list-style-type: none"> Breeding Nightjar surveys Nesting habitat requirements & breeding success monitoring Tracking technology and procedures, data processing, analysis and use 	Topics covered	<ul style="list-style-type: none"> Habitat requirements of peatland faunas. Monitoring invertebrate assemblages: which ones do you choose? Vegetation descriptions as surrogates for invertebrate sampling. Flagship invertebrates in peatland restoration.
Presenter	Lucy Ryan, doctoral student, York University	Presenter	Research and Monitoring Officer, Dr Richard Smith
Workshop 3		Workshop 4	
Title	Evapotranspiration reduction (Scrub Control) on degraded lowland raised bog	Title	Managing the water levels to recolonise the bare peat and the cleared areas.
Objective	Learn about the different methods of scrub clearance used and their results.	Objective	See and hear how the water levels are controlled by a range of measures.
Topics covered	<ul style="list-style-type: none"> Machinery operations used Motor manual (chainsaw/chipper) Immediate results and finish Follow up works required 	Topics covered	<ul style="list-style-type: none"> Pumping station Use of contour bunds to reduce flows Use of dams and sluices on internal ditches and drains, and tilting weirs on principal drains Telemetry control
Presenter	Estate Foreman, Ed Brightman, Estate Workers and machinery contractors	Presenter	Darren Whitaker, JBA Consulting
15:30	Board mini bus back to venue		
Thorne Rugby Club			
16:00	Closing plenary	Robert Burnett, Manager, Yorkshire and Northern Lincolnshire, Natural England	
16:15 Close			