

Metadata Elements	
Title *	Habitat Network Data
Alternative Title	Individual Habitat Networks V6.5d
Dataset Language *	eng
Abstract *	<p>The habitat network maps seek to apply the best evidence and principles and to use the best available nationally consistent spatial data. The habitat network maps are developed around 4 distinct habitat components sets and include 4 distinct network zones where action may be undertaken to build greater ecological resilience. The different elements of the maps are described below:</p> <p>Habitat Components;</p> <ul style="list-style-type: none"> • The location of existing patches of a specific habitat for which the network is developed. This is termed the 'Primary habitat' e.g. lowland heathland. The main baseline data used for this is the Priority Habitat Inventories (PHI v2.2). • The location of additional habitat that naturally form mosaics with the primary habitat e.g. habitats that are most likely to form ecological mosaics possibly used by species associated with the primary habitat. This is termed the 'Associated habitat'. The main baseline data used for this is the Priority Habitat Inventories (PHI v2.2). • The locations where habitat creation or restoration is known to occur, this is primarily sites under relevant agri-environment options. This is termed the 'Habitat creation' • Sites where data suggests small fragments of the primary habitat or degraded habitat exists and where restoration may be possible, this is primarily developed from information held within the current PHI v2.2. This is termed the 'Restorable habitat'. <p>Network Zones;</p> <ul style="list-style-type: none"> • Land within close proximity to the existing habitat components that are more likely to be suitable for habitat re-creation for the particular habitat. These areas are primarily based on soils but in many cases has been refined by also using other data such as hydrology, altitude and proximity to the coast. This is termed the 'Network Enhancement Zone 1'. • Land within close proximity to the existing habitat components that are unlikely to be suitable for habitat re-creation but where other types of habitat may be created or land management may be enhanced including delivery of suitable Green Infrastructure. This is termed the 'Network Enhancement Zone 2'. • Land immediately adjoining existing habitat patches that are small or have excessive edge to area ratio where habitat creation is likely to help reduce the effects of habitat fragmentation. This is termed the 'Fragmentation Action Zone'. • Land within relatively close proximity to the Network Enhancement Zones 1 & 2 that are more likely to be suitable for habitat creation for the particular habitat and identifying possible locations for connecting and linking up networks across a landscape. This is termed the 'Network Expansion Zone'. <p>Note: For some habitat networks not all of the habitat components or all the action zones are identified either because the data does not exist or the habitat does not lend itself to identifying particular types of action. Further details are outlined in the Habitat Network Mapping Guidance document. The Network boundary is drawn around the 4 habitat components using a variable buffering process with a generalised distance of 500m although 1km was used for Blanket Bog. As the boundary</p>

	for each habitat network is tightly drawn around the existing patches of habitat this means that at a national scale the habitat network is composed of a series of smaller 'networks' that encapsulates one or more clusters of existing habitat patches. These may be considered as 'network segments'. The Network Expansion Zone has been drawn around these segments to identify areas where additional action may be undertaken to build greater ecological resilience across the wider landscape.
Resource Locator	n/a
Data Format	shp, tab, file geodatabase
Resource Type *	series
Unique Resource Identifier	n/a
Classification of Spatial Data & Services	
Topic Category *	biota
INSPIRE Themes	Habitat and biotopes
Spatial Data Service Type	n/a
Coupled Resource	n/a
Keyword	
Keyword	Geographic Information
Originating Controlled Vocabulary	Natural England Corporate Vocabulary
Geographic Location	
Extent *	England
West Bound Longitude *	-5.92
East Bound Longitude *	2.42
North Bound Longitude *	55.88
South Bound Longitude *	49.92
Vertical Minimum Extent	0m
Vertical Maximum Extent	0m
Spatial Reference System *	British National Grid
Temporal Reference	
Temporal Extent - Start Date of Data Capture *	2019-06-01
Temporal Extent - End Date of Data Capture *	2019-12-03
Date of Creation *	2019-12-03
Date of Last Revision *	2019-12-03
Dataset Reference Date *	n/a
Dataset Reference Type *	revision
Quality & Validity	

Lineage *	<p>Created using the following data sets</p> <p>Priority Habitats' Inventory V2.2 (PHI) for England - NE</p> <p>Soilscapes taken from NatMap Vector - NSRI/Cranfield University</p> <p>Urban Settlements - The Ministry of Housing, Communities and Local Government (ODPM)</p> <p>Terrain 50 OS - OS</p> <p>Mean High Water - England taken from OS MasterMap - OS</p> <p>Ancient Woodland Inventory (England) - NE</p> <p>Woodpasture & Parkland Habitat Inventory (England) - NE</p> <p>Floodzone 3 - EA</p> <p>The data layers listed above were geoprocessed using FME to prepare a series of individual habitat network maps that have also been combined to produce 3 grouped habitat network maps. More information on which data sets and method used is outlined within the 'User Guidance Document'.</p>
Spatial Resolution	0
Additional Information Source	n/a
Frequency of Update *	irregular
Equivalent Scale	n/a
Conformity	
Specification	n/a
Degree	conformant
Explanation	conformant
Constraints Related To Access & Use	
Use Constraints *	No Conditions Apply
	n/a
Limitations on Public Use *	Publically Accessible
Licence*	Open Government Licence
Copyright*	<p>Soils Data © Cranfield University (NSRI) and for the Controller of HMSO [Year]. © Crown Copyright and database rights [year]. Ordnance Survey 100022021. © Environment Agency.</p> <p>(Note: It has been confirmed that Cranfield has no substantial residual interest in the Derived Data Caroline Keay, (c.keay@cranfield.ac.uk) e-mail 26/06/18, speak to Jeff Edwards for more info).</p>
Responsible Organisation	
Contact Title *	Jeff Edwards (Senior Specialist)
Organisation Name *	Natural England, Strategy Implementation Team
Postal Address *	Mail Hub, Worcester County Hall, Spetchley Road, Worcester, WR5 2NP
Tel No:	n/a
E-Mail: *	data.services@naturalengland.org.uk
Web URL:	https://www.gov.uk/government/organisations/natural-england
Responsible Party Role *	Point of Contact
Metadata on Metadata	
Metadata Point of Contact *	Jeff Edwards (Senior Specialist)
Organisation Name *	Natural England, Strategy Implementation Team

Postal Address *	Mail Hub, Worcester County Hall, Spetchley Road, Worcester, WR5 2NP
Tel No:	n/a
E-Mail: *	data.services@naturalengland.org.uk
Web URL:	https://www.gov.uk/government/organisations/natural-england
Responsible Party Role *	Point of Contact
Metadata Date *	2018-02-15
Metadata Language *	eng
Data Management Information	
NE Point of Contact	Jeff Edwards / Michael Knight
Data Manager	Data Services

Dataset Name	Full Dataset Name
DWL_Network_v6.5d	Ancient Woodland Habitat Network – <i>identifies habitat networks across England</i>
DWL_Fragmentation_v6.5d	Ancient Woodland Habitat Network Fragmentation Map – <i>identifies locations to help reduce habitat fragmentation and locations for linking network segments</i>
BBG_Network_v6.5d	Blanket bog Habitat Network
BBG_Fragmentation_v6.5d	Blanket bog Habitat Network Fragmentation Map
CSM_Network_v6.5d	Coastal saltmarsh Habitat Network
CSM_Fragmentation_v6.5d	Coastal saltmarsh Habitat Network Fragmentation Map
CSD_Network_v6.5d	Coastal sand dunes Habitat Network
CSD_Fragmentation_v6.5d	Coastal sand dunes Habitat Network Fragmentation Map
CVS_Network_v6.5d	Coastal vegetated shingle Habitat Network
CVS_Fragmentation_v6.5d	Coastal vegetated shingle Habitat Network Fragmentation Map
LSP_Network_v6.5d	Limestone pavement Habitat Network
LSP_Fragmentation_v6.5d	Limestone pavement Habitat Network Fragmentation Map
LCG_Network_v6.5d	Lowland calcareous grassland Habitat Network
LCG_Fragmentation_v6.5d	Lowland calcareous grassland Habitat Network Fragmentation Map
LAG_Network_v6.5d	Lowland dry acid grassland Habitat Network
LAG_Fragmentation_v6.5d	Lowland dry acid grassland Habitat Network Fragmentation Map
LFN_Network_v6.5d	Lowland fens Habitat Network
LFN_Fragmentation_v6.5d	Lowland fens Habitat Network Fragmentation Map
LMW_Network_v6.5d	Lowland meadows Habitat Network
LMW_Fragmentation_v6.5d	Lowland meadows Habitat Network Fragmentation Map
LRG_Network_v6.5d	Lowland raised bog Habitat Network
LRG_Fragmentation_v6.5d	Lowland raised bog Habitat Network Fragmentation Map
MCS_Network_v6.5d	Maritime cliff and slope
MCS_Fragmentation_v6.5d	Maritime cliff and slope Habitat Network Fragmentation Map
PMG_Network_v6.5d	Purple moor grass and rush pastures Habitat Network
PMG_Fragmentation_v6.5d	Purple moor grass and rush pastures Habitat Network Fragmentation Map
RBD_Network_v6.5d	Reedbeds Habitat Network
RBD_Fragmentation_v6.5d	Reedbeds Habitat Network Fragmentation Map
UCG_Network_v6.5d	Upland calcareous grassland Habitat Network
UCG_Fragmentation_v6.5d	Upland calcareous grassland Habitat Network Fragmentation Map
UHM_Network_v6.5d	Upland hay meadow Habitat Network
UHM_Fragmentation_v6.5d	Upland hay meadow Habitat Network Fragmentation Map
UHL_Network_v6.5d	Upland heathland Habitat Network
UHL_Fragmentation_v6.5d	Upland heathland Habitat Network Fragmentation Map

Column Heading	Full Name	Format	Description
Class	Class	String	Class (Associated Habitats / Habitat Restoration-Creation / Network Enhancement Zone 1 / Network Enhancement Zone 2 / Primary Habitat / Restorable Habitat)