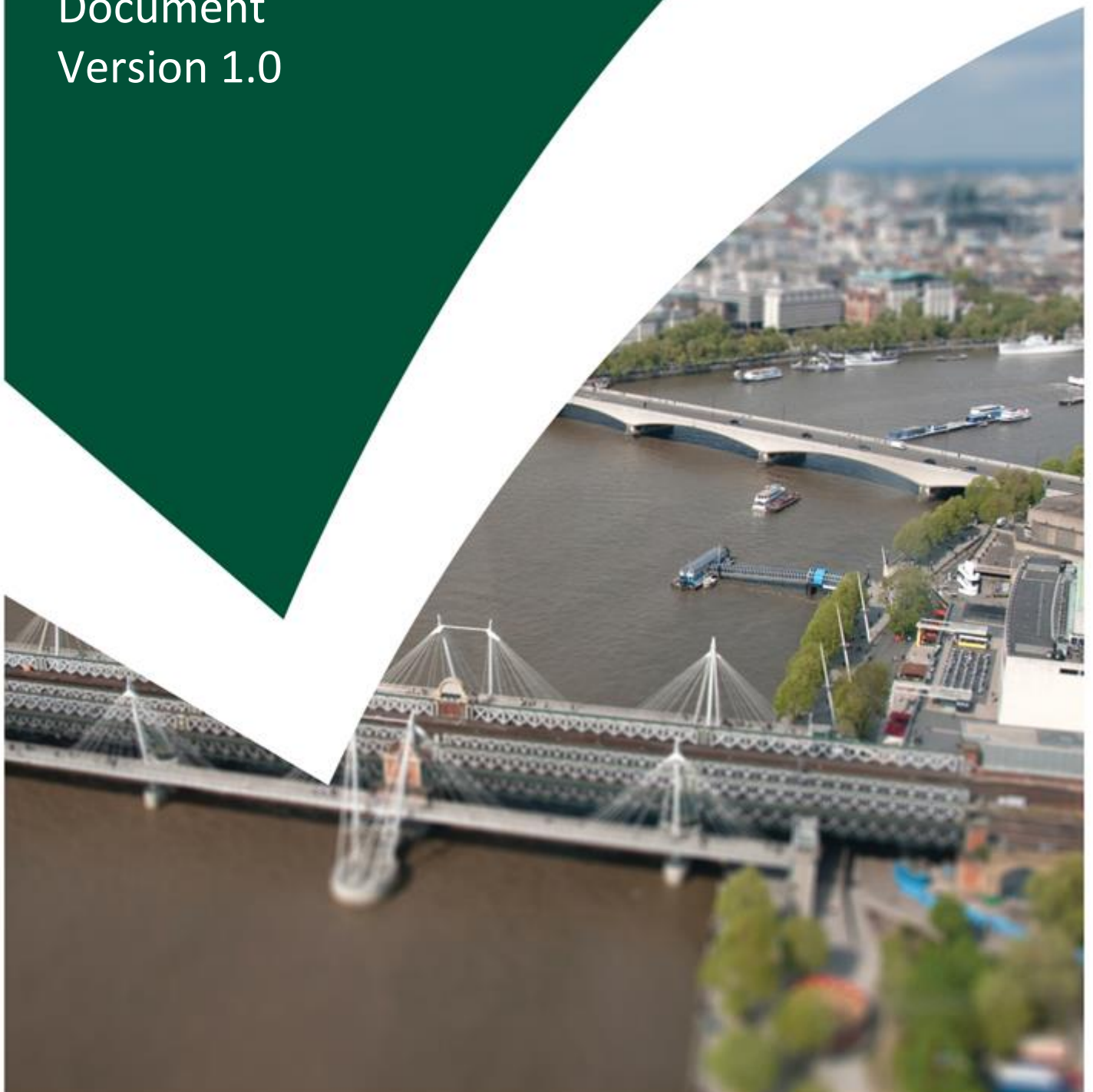


Magic in the Cloud Service

URL Parameters
Document
Version 1.0



Contents

1. Overview	3
Example call	3
2. Magic URL parameters	3
A. Choosing the Layers to show	3
chosenLayers	3
B. Choosing the Region to zoom to	4
box (bounding box).....	4
sqgridref (map center).....	4
xygridref.....	4
startScale	5
C. Zooming to a particular Feature.....	5
activelayer	5
query.....	5
D. Choosing the Spatial Reference System	6
srs (optional).....	6
E. Setting Base Map.....	7
basemapSet= (optional)	7
Appendix 1 – layer names	8

1. Overview

The Magic Map Application can be called by 3rd party application via a URL and URL parameters.

The various URL parameters allow the map to open at a particular location & with specific layers selected & certain features highlighted.

The document describes those URL parameters.

The format of the URL parameters have been kept in line with previous versions of magic where possible

Example call

`http://magic.defra.gov.uk/MagicMap.aspx?parameters`

Example:

`http://magic.defra.gov.uk/MagicMap.aspx?startTopic=Access&chosenLayers=ntrailsIndex,natcycleIndex&box=100000:1000000:200000:200000`

2. Magic URL parameters

A. Choosing the Layers to show

chosenLayers

chosenLayers is a comma separated list of layers from single or multiple topics.

See Appendix 1 for a valid layer list, and they are case sensitive.

Example: `&chosenLayers=monclIndex,wgs1Index,npkIndex,aonbIndex`

B. Choosing the Region to zoom to

The region to zoom to can be set as a bounding box or a map centre and scale.

If a bounding box parameter is passed, additional map centre & scale parameters are ignored

The map will always open in OSGB36 projection unless specified in srs

box (bounding box)

box represents a bounding box to zoom into. It is expected that these coordinates should be appropriate for spatial reference system specified

left:bottom:right:top colon separated

example: `&box=345000:280000:355000:295500` for OSGB36

`&box=-0.1511:50.7895:1.0335:51.608` for WGS84

sqgridref (map center)

The map centre as a valid 6 digit grid reference.

This parameter is ignored if *box* is specified

Example: `sqgridref= SX576123`

xygridref

The map centre as a valid easting, northing pair 12 digit grid reference

This parameter is ignored if *box* or *sqgridref* are specified

Example: `xygridref= 234567,567321`

startScale

The scale to open the map at
This parameter is ignored if *box* is specified

Example: startScale= 10000

C. Zooming to a particular Feature

The 3rd party application can zoom to a particular feature within a particular layer. By specifying the following 2 parameters together:

activelayer

This is the layer to search within

Example: &activelayer=postcodes

query

This is a valid SQL Query. Note that the calling application needs to know the correct column names within the activelayer

Valid Queries are:

- LIKE QUERIES
- = QUERIES

Note that the quotation marks, spaces & equal signs must be replaced with appropriate URL ANSI codes

Character Escape Code

SPACE	%20
“	%22
‘	%27
*	%2A
%	%25
=	%3D

Note that all the layers under the *Postcodes* topic cannot be made “visible” on the map, but they can be used to perform a “zoom to”

Zoom to Feature Examples

Postcode='LS16 5QQ'
&activelayer=postcodes&query=POSTCODE%3d%27LS16%205QQ%27

County like 'Kent%'
&activelayer=cuagbIndex&query=NAME%20LIKE%20%27Kent%25%27

If you wish to connect in this way, please contact the MAGIC team for assistance data.services@naturalengland.org.uk

D. Choosing the Spatial Reference System

The spatial reference system can be set using srs.

srs (optional)

If it is not specified the default is set to British national coordinate system (OSGB36)

The valid srs options available are OSGB36, WGS84 and ETRS89
Example: srs= WGS84

E. Setting Basemap

The basemap can be set with this parameter.

basemapSet= (optional)

options are:

OSColourVector
Rasters
AerialPhotography

If none of the above are set then the basemap will default to OSGreyVector or GreyRasters

Appendix 1 – layer names

MapServiceFullName	LayerName	LayerShortName
Access	National Trails (England)	ntrailsIndex
Access	National Cycle Network (GB)	natcycleIndex
Access	Town or Village Greens (England)	VillgreenIndex
Access	England Coast Path Route	pathrouteIndex
Access	England Coast Path Coastal Margin	pathmarginIndex
Access	Doorstep Greens (England) - points	doorgreenPIndex
Access	Doorstep Greens (England)	doorgreenIndex
Access	Millennium Greens (England) - points	millgreenIndex
Access	Millennium Greens (England) - points	millgreenPIndex
Access	Country Parks (England) - points	cparksprovPIndex
Access	Country Parks (England)	cparksprovIndex
Access	Registered Common Land (England)	commIndex
Access	Countryside and Rights of Way Act, Section 15 Land (England)	section15Index
Access	Countryside and Rights of Way Act 2000 - Access Layer (England)	crowIndex
Administrative Geographies	Natural England Offices (England)	NEofficesIndex
Administrative Geographies	Environment Agency and Natural England Public Facing Administrative Areas (England)	eaneadmin
Administrative Geographies	Forestry Commission Conservancy Boundaries (England)	fcregIndex
Administrative Geographies	Historic England Regions (England)	ehregIndex
Administrative Geographies	Environment Agency Administrative Boundaries - Water Management Areas (England)	eaareawmIndex
Administrative Geographies	Catchment Abstraction Management Strategy (CAMS) Reference Boundaries (England and Wales)	camsIndex
Administrative Geographies	MMO Marine Areas (England)	mmomaIndex
Administrative Geographies	NUTS1 - Government Office Regions (GB)	nuts1gbIndex
Administrative Geographies	NUTS2 - Combined Counties (England and Wales)	nuts2Index
Administrative Geographies	NUTS3 - Counties and Groups of Unitary Authorities (England and Wales)	nuts3Index

Administrative Geographies	LAU1 - Districts and Unitary Authorities (England and Wales)	lau1Index
Administrative Geographies	Counties, Metropolitan Districts and Unitary Authorities (GB)	cuagbIndex
Administrative Geographies	Parliamentary Constituencies (England)	wpcIndex
Administrative Geographies	Parishes (GB)	parishIndex
Administrative Geographies	Local Enterprise Partnership Boundaries (England)	lepIndex
Administrative Geographies	Rural areas within Local Enterprise Partnerships (England)	raLEPIndex
Administrative Geographies	Rural Development Fund eligibility for LEADER groups (England)	ruralDevIndex
Administrative Geographies	Local Nature Partnerships (England)	lnpIndex
Administrative Geographies	Lower Super Output Areas with Rural Def 2011 (England & Wales)	lsoa
Countryside Stewardship Targeting & Scoring Layers	GS9 and GS10 Eligibility for CS (England)	gsIndex
Countryside Stewardship Targeting & Scoring Layers	Ramsar Sites (England) - points	CSTramsarP
Countryside Stewardship Targeting & Scoring Layers	Ramsar Sites (England)	CSTramsar
Countryside Stewardship Targeting & Scoring Layers	Sites of Special Scientific Interest (England) - points	CSTsssiP
Countryside Stewardship Targeting & Scoring Layers	Sites of Special Scientific Interest (England)	CSTsssi
Countryside Stewardship Targeting & Scoring Layers	Special Areas of Conservation (England) - points	CSTsacP
Countryside Stewardship Targeting & Scoring Layers	Special Areas of Conservation (England)	CSTsac
Countryside Stewardship Targeting & Scoring Layers	Special Protection Areas (England) - points	CSTspaP
Countryside Stewardship Targeting & Scoring Layers	Special Protection Areas (England)	CSTspa
Countryside Stewardship Targeting & Scoring Layers	Woodland Priority Habitat Network (England)	habitatnetwork
Countryside Stewardship Targeting & Scoring Layers	Woodland Improvement (England)	woodimprov
Countryside Stewardship Targeting & Scoring Layers	Priority Habitat Inventory - Coastal Saltmarsh (England)	CSTcoastmarsh
Countryside Stewardship Targeting & Scoring Layers	Priority Habitat Inventory - Coastal Sand Dunes (England)	CSTdunes
Countryside Stewardship Targeting & Scoring Layers	Priority Habitat Inventory - Coastal Vegetated Shingle (England)	CSTcvs
Countryside Stewardship Targeting & Scoring Layers	Priority Habitat Inventory - Maritime Cliffs and Slopes (England)	CSTmcs
Countryside Stewardship Targeting & Scoring Layers	Priority Habitat Inventory - Mudflats (England)	CSTmudflat
Countryside Stewardship Targeting & Scoring Layers	Priority Habitat Inventory - Saline Lagoons (England)	CSTlagoon
Countryside Stewardship Targeting & Scoring Layers	Priority Habitat Inventory - Calaminarian Grassland (England)	CSTcalamingrass
Countryside Stewardship Targeting & Scoring Layers	Priority Habitat Inventory - Coastal and Floodplain Grazing Marsh (England)	CSTcfgmarsh
Countryside Stewardship Targeting & Scoring Layers	Priority Habitat Inventory - Good quality semi-improved grassland (Non Priority) (England)	CSTgoodgrass

Countryside Stewardship Targeting & Scoring Layers	Priority Habitat Inventory - Lowland Calcareous Grassland (England)	CSTlowgrass
Countryside Stewardship Targeting & Scoring Layers	Priority Habitat Inventory - Lowland Dry Acid Grassland (England)	CSTlowacidgrass
Countryside Stewardship Targeting & Scoring Layers	Priority Habitat Inventory - Lowland Meadows (England)	CSTlowmead
Countryside Stewardship Targeting & Scoring Layers	Priority Habitat Inventory - Purple Moor Grass and Rush Pasture (England)	CSTpmg_rushpast
Countryside Stewardship Targeting & Scoring Layers	Priority Habitat Inventory - Upland Calcareous Grassland (England)	CSTucgrass
Countryside Stewardship Targeting & Scoring Layers	Priority Habitat Inventory - Upland Hay Meadows (England)	CSTuhmead
Countryside Stewardship Targeting & Scoring Layers	Refined Coastal and Floodplain Grazing Marsh (England)	refinedmarsh
Countryside Stewardship Targeting & Scoring Layers	Priority Habitat Inventory - Lowland Heathland (England)	CSTlowheath
Countryside Stewardship Targeting & Scoring Layers	Priority Habitat Inventory - Mountain Heaths and Willow Scrub (England)	CSTmountheath
Countryside Stewardship Targeting & Scoring Layers	Priority Habitat Inventory - Upland Heathland (England)	CSTupheath
Countryside Stewardship Targeting & Scoring Layers	Priority Habitat Inventory - Limestone Pavements (England)	CSTlimestonepav
Countryside Stewardship Targeting & Scoring Layers	Priority Habitat Inventory - Blanket Bog (England)	CSTbbog
Countryside Stewardship Targeting & Scoring Layers	Priority Habitat Inventory - Lowland Fens (England)	CSTfens
Countryside Stewardship Targeting & Scoring Layers	Priority Habitat Inventory - Lowland Raised Bog (England)	CSTlowrbog
Countryside Stewardship Targeting & Scoring Layers	Priority Habitat Inventory - Reedbeds (England)	CSTreedbed
Countryside Stewardship Targeting & Scoring Layers	Priority Habitat Inventory - Upland Flushes, Fens and Swamps (England)	CSTuplandswamp
Countryside Stewardship Targeting & Scoring Layers	Ancient Woodland (England)	CSTancwood
Countryside Stewardship Targeting & Scoring Layers	Priority Habitat Inventory - Deciduous Woodland (England)	CSTdecwood
Countryside Stewardship Targeting & Scoring Layers	National Forest Inventory (GB)	CSTniwt
Countryside Stewardship Targeting & Scoring Layers	Priority Habitat Inventory - Traditional Orchards (England)	CSTorchard
Countryside Stewardship Targeting & Scoring Layers	Woodpasture and Parkland BAP Priority Habitat (England)	CSTwoodpark
Countryside Stewardship Targeting & Scoring Layers	Priority Habitat Inventory - Fragmented heath (Non Priority) (England)	CSTfragheath
Countryside Stewardship Targeting & Scoring Layers	Priority Habitat Inventory - Grass Moorland (Non Priority) (England)	CSTgrassmoor
Countryside Stewardship Targeting & Scoring Layers	Priority Habitat Inventory - No main habitat but additional habitat exists (England)	CSTundertergrass
Countryside Stewardship Targeting & Scoring Layers	Priority Species for CS Targeting - Brown Hairstreak	CSTbhairstreak
Countryside Stewardship Targeting & Scoring Layers	Priority Species for CS Targeting - Corn Bunting	CSTcornbunt
Countryside Stewardship Targeting & Scoring Layers	Priority Species for CS Targeting - Curlew	CSTcurlew
Countryside Stewardship Targeting & Scoring Layers	Priority Species for CS Targeting - Lapwing	CSTlapwing

Countryside Stewardship Targeting & Scoring Layers	Priority Species for CS Targeting - Redshank	CSTredshank
Countryside Stewardship Targeting & Scoring Layers	Priority Species for CS Targeting - Snipe	CSTsnipe
Countryside Stewardship Targeting & Scoring Layers	Upland Breeding Bird Areas for CS (England)	CSbirdAreas
Countryside Stewardship Targeting & Scoring Layers	Farm Wildlife Package Areas (England)	farmwildlife
Countryside Stewardship Targeting & Scoring Layers	Woodland Bird Assemblage (England)	woodlandbird
Countryside Stewardship Targeting & Scoring Layers	Woodland - Willow Tit (England)	willowtit
Countryside Stewardship Targeting & Scoring Layers	Woodland - Black Grouse (England)	blackgrouse
Countryside Stewardship Targeting & Scoring Layers	Woodland - Red Squirrel - Creation (England)	redsquirrel
Countryside Stewardship Targeting & Scoring Layers	Woodland - Red Squirrel - Management (England)	redsquirrelmgmt
Countryside Stewardship Targeting & Scoring Layers	Countryside Stewardship Water Quality Priority Areas (England)	cswaterIndex
Countryside Stewardship Targeting & Scoring Layers	Groundwater Nitrate Issues Priority (England)	gwnip
Countryside Stewardship Targeting & Scoring Layers	Surface Water Nitrate Issues Priority (England)	swnip
Countryside Stewardship Targeting & Scoring Layers	Groundwater Pesticide Issues Priority (England)	gwpip
Countryside Stewardship Targeting & Scoring Layers	Surface Water Pesticide Issues Priority (England)	swpip
Countryside Stewardship Targeting & Scoring Layers	Faecal Indicator Organisms Issues Priority (England)	fiqip
Countryside Stewardship Targeting & Scoring Layers	Sediment Issues Priority (England)	sedip
Countryside Stewardship Targeting & Scoring Layers	Phosphate Issues Priority (England)	phqip
Countryside Stewardship Targeting & Scoring Layers	Flood Risk Management Priorities (England)	floodrisk
Countryside Stewardship Targeting & Scoring Layers	Woodland - Water Quality (England)	wwaterq
Countryside Stewardship Targeting & Scoring Layers	Woodland - Flood Risk (England)	wfloodr
Countryside Stewardship Targeting & Scoring Layers	Woodland - Water Quality - Acidification (England)	wqacid
Countryside Stewardship Targeting & Scoring Layers	Water Framework Directive Management Catchments (England)	wframew
Countryside Stewardship Targeting & Scoring Layers	Former Catchment Sensitive Farming Priority Areas 2011-2015 (England)	csfpa
Countryside Stewardship Targeting & Scoring Layers	Keeping Rivers Cool (England)	rivers
Countryside Stewardship Targeting & Scoring Layers	Project Areas - Making Space for Water Demonstration Projects & Test Catchments (England)	pawater
Countryside Stewardship Targeting & Scoring Layers	Nature Improvement Areas (England)	niareas
Countryside Stewardship Targeting & Scoring Layers	Community Forests (England)	comforest
Countryside Stewardship Targeting & Scoring Layers	Project Areas - Woodland for Water Priority Catchments (England)	pawood
Countryside Stewardship Targeting & Scoring Layers	Scheduled Monuments (England) - points	schedmonP

Countryside Stewardship Targeting & Scoring Layers	Scheduled Monuments (England)	schedmon
Countryside Stewardship Targeting & Scoring Layers	Registered Battlefields (England) - points	battleP
Countryside Stewardship Targeting & Scoring Layers	Registered Battlefields (England)	battle
Countryside Stewardship Targeting & Scoring Layers	Registered Parks and Gardens (England) - points	regparksP
Countryside Stewardship Targeting & Scoring Layers	Registered Parks and Gardens (England)	regparks
Countryside Stewardship Targeting & Scoring Layers	Areas of Outstanding Natural Beauty (England)	aonb
Countryside Stewardship Targeting & Scoring Layers	Countryside Stewardship Special Project Areas (England)	csspareas
Countryside Stewardship Targeting & Scoring Layers	Environmentally Sensitive Areas (England)	esabound
Countryside Stewardship Targeting & Scoring Layers	National Character Area Level Landscape Features (England)	natcharland
Countryside Stewardship Targeting & Scoring Layers	National Historic Landscape Characterisation (250m Grid) (England)	nhlc250c
Countryside Stewardship Targeting & Scoring Layers	National Historic Landscape Characterisation (500m Grid) (England)	nhlc500c
Countryside Stewardship Targeting & Scoring Layers	National Parks (England)	natparks
Countryside Stewardship Targeting & Scoring Layers	Nature Improvement Areas including Near Miss NIA's (England)	niainc
Countryside Stewardship Targeting & Scoring Layers	Priority Habitat Inventory - Traditional Orchards (England)	tradorch
Countryside Stewardship Targeting & Scoring Layers	World Heritage Sites (England) - points	whsitesP
Countryside Stewardship Targeting & Scoring Layers	World Heritage Sites (England)	whsites
Countryside Stewardship Targeting & Scoring Layers	Climate Change Vulnerability Buffers (England)	climatebuf
Countryside Stewardship Targeting & Scoring Layers	Refugia Zones (England)	refugia
Countryside Stewardship Targeting & Scoring Layers	Sites Sensitive to Ammonia Pollution (England)	ssamonia
Designations	Areas of Outstanding Natural Beauty (England)	aonbIndex
Designations	Local Nature Reserves (England) - points	lnrPIIndex
Designations	Limestone Pavement Orders (England)	limestoneordIndex
Designations	Local Nature Reserves (England)	lnrIndex
Designations	Moorland Line (England)	moorIndex
Designations	National Nature Reserves (England) - points	nnrPIIndex
Designations	National Nature Reserves (England)	nnrIndex
Designations	National Nature Reserves (Scotland) - points	nnrscPIIndex
Designations	National Nature Reserves (Scotland)	nnrscIndex
Designations	National Nature Reserves (Wales) - points	nnrwalPIIndex

Designations	National Nature Reserves (Wales)	nnrwalIndex
Designations	National Parks (England)	npkIndex
Designations	Nitrate Vulnerable Zones 2017 Designations (England)	nvzIndex
Designations	Wild Bird General Licence Exclusion Zone (England)	wildBirdExcZone
Designations	Nutrient Neutrality Catchments	nutrientNeutCatch
Designations	Ramsar Sites (England) - points	ramPIndex
Designations	Ramsar Sites (England)	ramIndex
Designations	Proposed Ramsar Sites (England) - points	proposedRamsarP
Designations	Proposed Ramsar Sites (England)	proposedRamsar
Designations	Ramsar Sites (Scotland) - points	ramscoPIndex
Designations	Ramsar Sites (Scotland)	ramscoIndex
Designations	Ramsar Sites (Wales) - points	ramwalPIndex
Designations	Ramsar Sites (Wales)	ramwalIndex
Designations	Sites of Special Scientific Interest Units (England) - points	siteunitPIndex
Designations	Sites of Special Scientific Interest Units (England)	siteunitIndex
Designations	Sites of Special Scientific Interest (England) - points	sssiPIndex
Designations	Sites of Special Scientific Interest (England)	sssiIndex
Designations	Sites of Special Scientific Interest (Scotland) - points	sssiscoPIndex
Designations	SSSI Impact Risk Zones - to assess planning applications for likely impacts on SSSIs/SACs/SPAs & Ramsar sites (England)	sssiirzIndex
Designations	Sites of Special Scientific Interest (Scotland)	sssiscoIndex
Designations	Sites of Special Scientific Interest (Wales) - points	sssiwalPIndex
Designations	Sites of Special Scientific Interest (Wales)	sssiwalIndex
Designations	Special Areas of Conservation (England) - points	sacPIndex
Designations	Special Areas of Conservation (England)	sacIndex
Designations	Possible Special Areas of Conservation (England) - points	sacPossibleP
Designations	Possible Special Areas of Conservation (England)	sacPossible
Designations	Special Areas of Conservation (Scotland) - points	sacscoPIndex
Designations	Special Areas of Conservation (Scotland)	sacscoIndex
Designations	Special Areas of Conservation (Wales) - points	sacwalPIndex

Designations	Special Areas of Conservation (Wales)	sacwallIndex
Designations	Special Protection Areas (England) - points	spaPIIndex
Designations	Special Protection Areas (England)	spaIIndex
Designations	Possible Special Protection Areas (England) - points	spaPossibleP
Designations	Possible Special Protection Areas (England)	spaPossible
Designations	Special Protection Areas (Scotland) - points	spascoPIIndex
Designations	Special Protection Areas (Scotland)	spascoIIndex
Designations	Special Protection Areas (Wales) - points	spawalPIIndex
Designations	Special Protection Areas (Wales)	spawalIIndex
Designations	Biosphere Reserves (England) - points	biosphPIIndex
Designations	Biosphere Reserves (England)	biosphIIndex
Designations	Biosphere Reserves (Scotland) - points	biospscoPHIndex
Designations	Biosphere Reserves (Scotland)	biospscoHIIndex
Designations	Biosphere Reserves (Wales) - points	biosphwalPIIndex
Designations	Biosphere Reserves (Wales)	biosphwalIIndex
Designations	Less Favoured Areas (England)	lfaIIndex
Designations	Scheduled Monuments (England) - points	moncPIIndex
Designations	Scheduled Monuments (England)	moncIIndex
Designations	World Heritage Sites (England) - points	whsPIIndex
Designations	World Heritage Sites (England)	whsIIndex
Designations	Listed Buildings (England)	lbuildIIndex
Designations	Registered Battlefields - points	batPIIndex
Designations	Registered Battlefields	batIIndex
Designations	Registered Parks and Gardens (England) - points	pagPIIndex
Designations	Registered Parks and Gardens (England)	pagIIndex
Designations	Community Forests (England)	comforIIndex
Designations	Green Belt (England)	gbeltIIndex
Designations	Heritage Coasts (England)	herIIndex
Designations	Land Management Initiatives (England)	lmiIIndex

Designations	National Forest (England)	natforIndex
Designations	RSPB Reserves (GB) - points	rspsgbPIndex
Designations	RSPB Reserves (GB)	rspsgbIndex
Designations	Upland Experiment Areas (England)	uplandIndex
Designations	Objective 1 Areas (England)	obj1Index
Designations	Objective 2 Areas (England)	obj2Index
Designations	Drinking Water Protected Areas (Surface Water) (England)	dwpasw
Designations	Drinking Water Safeguard Zones (Surface Water) (England)	dwsafegsw
Designations	Drinking Water Safeguard Zones (Groundwater) (England)	dwsafeggw
Designations	Source Protection Zones merged (England)	sourcepz
Designations	Bathing Waters 2016 (England)	bwatersIndex
Designations	Marine Nature Reserves (Wales)	mnrIndex
Designations	Marine Conservation Zones (England)	mczIndex
Designations	Special Areas of Conservation (Marine Components GB)	marinesac
Designations	Special Protection Areas (Marine Components GB)	marinespa
Designations	Protected Wreck Sites (England) - points	protwreckPIndex
Designations	Protected Wreck Sites (England)	protwreckIndex
Habitats And Species	Priority Habitat Inventory - Coastal Saltmarsh (England)	coastmarshIndex
Habitats And Species	Priority Habitat Inventory - Coastal Sand Dunes (England)	dunesIndex
Habitats And Species	Priority Habitat Inventory - Coastal Vegetated Shingle (England)	cvsIndex
Habitats And Species	Priority Habitat Inventory - Maritime Cliffs and Slopes (England)	mcsIndex
Habitats And Species	Priority Habitat Inventory - Mudflats (England)	mudflatIndex
Habitats And Species	Priority Habitat Inventory - Saline Lagoons (England)	lagoonIndex
Habitats And Species	Saline Lagoons (Wales)	lagoonwallIndex
Habitats And Species	Saltmarsh (Wales)	smarshwallIndex
Habitats And Species	Sand Dunes (Wales)	duneswallIndex
Habitats And Species	Priority Habitat Inventory – Calaminarian Grassland (England)	calamingrassIndex
Habitats And Species	Priority Habitat Inventory - Coastal and Floodplain Grazing Marsh (England)	bapcfgmarshIndex
Habitats And Species	Priority Habitat Inventory - Good quality semi-improved grassland (Non Priority) (England)	goodgrassIndex

Habitats And Species	Priority Habitat Inventory - Lowland Calcareous Grassland (England)	baplcgrassIndex
Habitats And Species	Priority Habitat Inventory - Lowland Dry Acid Grassland (England)	bapldacidgrassIndex
Habitats And Species	Priority Habitat Inventory - Lowland Meadows (England)	baplowmeadIndex
Habitats And Species	Priority Habitat Inventory - Purple Moor Grass and Rush Pasture (England)	bappmg_rushpastIndex
Habitats And Species	Priority Habitat Inventory - Upland Calcareous Grassland (England)	bapucgrassIndex
Habitats And Species	Priority Habitat Inventory - Upland Hay Meadows (England)	bapuhmeadIndex
Habitats And Species	Priority Habitat Inventory - Lowland Heathland (England)	baplowheathIndex
Habitats And Species	Priority Habitat Inventory - Mountain Heaths and Willow Scrub (England)	mountheathIndex
Habitats And Species	Priority Habitat Inventory - Upland Heathland (England)	bapupheathIndex
Habitats And Species	Priority Habitat Inventory - Limestone Pavements (England)	limestonepavIndex
Habitats And Species	Intertidal Substrate Foreshore (England and Scotland)	substresIndex
Habitats And Species	Intertidal Substrate (Wales)	substrwalIndex
Habitats And Species	Nationally Important Intertidal Habitats (Wales)	impmarwalIndex
Habitats And Species	Seagrass (Wales)	sgrasswalIndex
Habitats And Species	Priority Habitat Inventory - Blanket Bog (England)	bapbbogIndex
Habitats And Species	Priority Habitat Inventory - Lowland Fens (England)	bapfensIndex
Habitats And Species	Priority Habitat Inventory - Lowland Raised Bog (England)	baplrbogIndex
Habitats And Species	Priority Habitat Inventory - Reedbeds (England)	bapreedbedIndex
Habitats And Species	Priority Habitat Inventory - Upland Flushes, Fens and Swamps (England)	uplandswampIndex
Habitats And Species	National Forest Inventory (GB)	niwtIndex
Habitats And Species	Ancient Woodland (England)	ancwoodIndex
Habitats And Species	Priority Habitat Inventory - Deciduous Woodland (England)	bapdecIndex
Habitats And Species	Forestry Commission Legal Boundary (England)	fclegbIndex
Habitats And Species	Priority Habitat Inventory - Traditional Orchards (England)	orchardIndex
Habitats And Species	Woodpasture and Parkland BAP Priority Habitat (England)	bapwoodIndex
Habitats And Species	Priority Habitat Inventory - Fragmented heath (Non Priority) (England)	fragheathIndex
Habitats And Species	Priority Habitat Inventory - Grass Moorland (Non Priority) (England)	grassmoorIndex
Habitats And Species	Priority Habitat Inventory - No main habitat but additional habitat exists (England)	bapundertergrassIndex
Habitats And Species	Priority Species for CS Targeting - Brown Hairstreak	bhairstreak

Habitats And Species	Priority Species for CS Targeting - Corn Bunting	cornbunt
Habitats And Species	Priority Species for CS Targeting - Curlew	curlew
Habitats And Species	Priority Species for CS Targeting - Lapwing	lapwing
Habitats And Species	Priority Species for CS Targeting - Redshank	redshank
Habitats And Species	Priority Species for CS Targeting - Snipe	snipe
Habitats And Species	Upland Breeding Bird Areas for CS (England)	birdAreas
Habitats And Species	SPA Foraging Range (Maximum) (England)	SeaMaST1
Habitats And Species	SPA Foraging Range (Mean Maximum) (England)	SeaMaST2
Habitats And Species	SSSI Foraging Range (Maximum) (England)	SeaMaST3
Habitats And Species	SSSI Foraging Range (Mean Maximum) (England)	SeaMaST4
Habitats And Species	BDMPS Breeding Wind Farm Collision Sensitivity (all species combined) (England)	SeaMaST5
Habitats And Species	BDMPS Non Breeding Wind Farm Collision Sensitivity (all species combined) (England)	SeaMaST6
Habitats And Species	BDMPS Breeding Wind Farm Displacement Sensitivity (all species combined) (England)	SeaMaST7
Habitats And Species	BDMPS Non Breeding Wind Farm Displacement Sensitivity (all species combined) (England)	SeaMaST8
Habitats And Species	BDMPS Breeding Wind Farm Combined Sensitivity (all species combined) (England)	SeaMaST9
Habitats And Species	BDMPS Non Breeding Wind Farm Combined Sensitivity (all species combined) (England)	SeaMaST10
Habitats And Species	BDMPS Breeding Tidal Sensitivity (all species combined) (England)	SeaMaST11
Habitats And Species	BDMPS Non Breeding Tidal Sensitivity (all species combined) (England)	SeaMaST12
Habitats And Species	BDMPS Breeding Wave Sensitivity (all species combined) (England)	SeaMaST13
Habitats And Species	BDMPS Non Breeding Wave Sensitivity (all species combined) (England)	SeaMaST14
Habitats And Species	Arable Assemblage Farmland Birds (England)	arablefarmbIndex
Habitats And Species	Grassland Assemblage Farmland Birds (England)	grassfarmbIndex
Habitats And Species	Black Grouse (England)	bgrouseIndex
Habitats And Species	Cirl Bunting (England)	cirlbuntIndex
Habitats And Species	Corn Bunting (England)	cornbuntIndex
Habitats And Species	Curlew (England)	curlewIndex

Habitats And Species	Grey Partridge (England)	greypartIndex
Habitats And Species	Lapwing (England)	lapwingIndex
Habitats And Species	Redshank (England)	redshankIndex
Habitats And Species	Snipe (England)	snipeIndex
Habitats And Species	Stone Curlew (England)	stonexcurlewIndex
Habitats And Species	Tree Sparrow (England)	treesparIndex
Habitats And Species	Turtle Dove (England)	turtledoveIndex
Habitats And Species	Twite (England)	twiteIndex
Habitats And Species	Yellow Wagtail (England)	yellowwagIndex
Habitats And Species	Important Bird Areas (GB) - points	impbirdgbPIIndex
Habitats And Species	Important Bird Areas (GB)	impbirdgbIndex
Habitats And Species	Seabird Nesting Counts (British Isles)	sbirdnestIndex
Habitats And Species	Seabird Oil Sensitivity Index: Median Sensitivity in January	seabirdOSjan
Habitats And Species	Seabird Oil Sensitivity Index: Median Sensitivity in February	seabirdOSfeb
Habitats And Species	Seabird Oil Sensitivity Index: Median Sensitivity in March	seabirdOSmar
Habitats And Species	Seabird Oil Sensitivity Index: Median Sensitivity in April	seabirdOSapr
Habitats And Species	Seabird Oil Sensitivity Index: Median Sensitivity in May	seabirdOSmay
Habitats And Species	Seabird Oil Sensitivity Index: Median Sensitivity in June	seabirdOSjun
Habitats And Species	Seabird Oil Sensitivity Index: Median Sensitivity in July	seabirdOSjul
Habitats And Species	Seabird Oil Sensitivity Index: Median Sensitivity in August	seabirdOSaug
Habitats And Species	Seabird Oil Sensitivity Index: Median Sensitivity in September	seabirdOSsep
Habitats And Species	Seabird Oil Sensitivity Index: Median Sensitivity in October	seabirdOSoct
Habitats And Species	Seabird Oil Sensitivity Index: Median Sensitivity in November	seabirdOSnov
Habitats And Species	Seabird Oil Sensitivity Index: Median Sensitivity in December	seabirdOSdec
Habitats And Species	Vulnerable Concentrations of Seabirds to Oil Spills - JAN (GB)	seabirdjanIndex
Habitats And Species	Vulnerable Concentrations of Seabirds to Oil Spills - FEB (GB)	seabirdfebIndex
Habitats And Species	Vulnerable Concentrations of Seabirds to Oil Spills - MAR (GB)	seabirdmarIndex
Habitats And Species	Vulnerable Concentrations of Seabirds to Oil Spills - APR (GB)	seabirdaprilIndex
Habitats And Species	Vulnerable Concentrations of Seabirds to Oil Spills - MAY (GB)	seabirdmayIndex

Habitats And Species	Granted European Protected Species Applications (England)	gepsalIndex
Land Based Schemes	Countryside Stewardship Agreement Management Areas (England)	csama
Land Based Schemes	Environmental Stewardship Agreements (England)	esagIndex
Land Based Schemes	Higher Level Stewardship Target Areas (England)	hlstargetIndex
Land Based Schemes	Higher Level Stewardship Themes (England)	hlsthemeIndex
Land Based Schemes	English Woodland Grant Scheme (England) - points	ewgsPIndex
Land Based Schemes	English Woodland Grant Scheme (England)	ewgsIndex
Land Based Schemes	Woodland Trust Sites (GB) - points	wtsPIndex
Land Based Schemes	Woodland Trust Sites (GB)	wtsIndex
Land Based Schemes	Forest Plans (England)	fplIndex
Land Based Schemes	Felling Licence Applications (England) - points	flaPIndex
Land Based Schemes	Felling Licence Applications (England)	flaIndex
Land Based Schemes	Woodland Grant Scheme 1 (England)	wgs1Index
Land Based Schemes	Woodland Grant Scheme 2 (England)	wgs2Index
Land Based Schemes	Woodland Grant Scheme 3 (England)	wgs3Index
Land Based Schemes	Dedication (England)	dedIndex
Land Based Schemes	Energy Crop Scheme - 1st Tranche (England) - points	ecsPIndex
Land Based Schemes	Energy Crop Scheme - 1st Tranche (England)	ecsIndex
Land Based Schemes	Energy Crop Scheme - 2nd Tranche (England) - points	ecs2PIndex
Land Based Schemes	Energy Crop Scheme - 2nd Tranche (England)	ecs2Index
Land Based Schemes	Conservation and Enhancement Agreements (England)	cealIndex
Land Based Schemes	Wildlife Enhancement Scheme Agreements (England)	wesalIndex
Land Based Schemes	Nature Improvement Areas (England)	nialIndex
Landscape	Aquifer Designation Map (Bedrock) (England)	aqbedrock
Landscape	Aquifer Designation Map (Superficial Drift) (England)	aqdrift
Landscape	Groundwater Vulnerability Map (England)	gwwulnerable
Landscape	Geological Places to Visit (England)	geoplacesIndex
Landscape	Geological Descriptions (England)	geodescIndex
Landscape	Soilscape (England)	soilscapeIndex

Landscape	National Character Areas (England)	ccharIndex
Landscape	Built Up Areas 2011 (England and Wales)	bua2011
Landscape	National Historic Landscape Characterisation (250m Grid) (England)	nhlc250
Landscape	National Historic Landscape Characterisation (500m Grid) (England)	nhlc500
Landscape	Agricultural Land Classification - Provisional (England)	alcIndex
Landscape	Dudley Stamp Land Use Inventory (England)	dudleystampIndex
Landscape	Landscape Typology (England)	lstypolIndex
Landscape	Post 1988 Agricultural Land Classification (England)	post1988Index
Marine	Classified Bivalve Mollusc Harvesting Areas (England and Wales)	shellfishIndex
Marine	Shellfish Waters (England)	swenIndex
Marine	Shellfish Waters (Wales)	swwalIndex
Marine	6 Nautical Mile Limit (GB)	sixmIndex
Marine	12 Nautical Mile Limit (GB)	twelvemIndex
Marine	UK Continental Shelf (GB)	contshelfIndex
Marine	ICES Rectangles (GB)	icessrIndex
Marine	ICES Statistical Areas (GB)	icessaIndex
Marine	MMO Marine Plan Areas (England)	mmompalIndex
Marine	Standing Approvals (England and Wales)	sapprewIndex
Marine	Licence Blocks (GB)	licenceIndex
Marine	Nuclear Power Stations (GB)	powerIndex
Marine	Offshore Windfarms (GB)	owfIndex
Marine	Pipelines (GB)	pipelineIndex
Marine	Subsurface Infrastructure (GB)	subsurIndex
Marine	Surface Infrastructure (GB)	surfinfrIndex
Marine	Well Heads (GB)	wellheadIndex
Marine	RAMSAR Mudflats and sandflats not covered by seawater at low tide (H1140) points (England)	rammudPIndex
Marine	RAMSAR Mudflats and sandflats not covered by seawater at low tide (H1140) polygons (England)	rammudIndex

Marine	RAMSAR Sandbanks which are slightly covered by sea water all the time (H1110) points (England)	ramsandPIndex
Marine	RAMSAR Sandbanks which are slightly covered by sea water all the time (H1110) polygons (England)	ramsandIndex
Marine	RAMSAR Reefs (H1170) points (England)	ramreefPIndex
Marine	RAMSAR Reefs (H1170) polygons (England)	ramreefIndex
Marine	RAMSAR Saltmarsh points (England)	ramsaltmPIndex
Marine	RAMSAR Saltmarsh polygons (England)	ramsaltmIndex
Marine	SPA Mudflats and sandflats not covered by seawater at low tide (H1140) points (England)	spamudPIndex
Marine	SPA Mudflats and sandflats not covered by seawater at low tide (H1140) polygons (England)	spamudIndex
Marine	SPA Sandbanks which are slightly covered by sea water all the time (H1110) points (England)	spasandPIndex
Marine	SPA Sandbanks which are slightly covered by sea water all the time (H1110) polygons (England)	spasandIndex
Marine	SPA Reefs (H1170) points (England)	spareefPIndex
Marine	SPA Reefs (H1170) polygons (England)	spareefIndex
Marine	SPA Saltmarsh points (England)	spasaltmPIndex
Marine	SPA Saltmarsh polygons (England)	spasaltmIndex
Marine	SAC Complex features (Polygons) (England)	saccomplexIndex
Marine	SAC Estuaries (H1130): SAC Mudflats and sandflats not covered by seawater at low tide (H1140) (Points) (England)	esacmudPIndex
Marine	SAC Estuaries (H1130): SAC Mudflats and sandflats not covered by seawater at low tide (H1140) (Polygons) (England)	esacmudIndex
Marine	SAC Estuaries (H1130): SAC Sandbanks which are slightly covered by sea water all the time (H1110) (Points) (England)	esacsandPIndex
Marine	SAC Estuaries (H1130): SAC Sandbanks which are slightly covered by sea water all the time (H1110) (Polygons) (England)	esacsandIndex
Marine	SAC Estuaries (H1130): SAC Reefs (H1170) (Points) (England)	esacreefPIndex
Marine	SAC Estuaries (H1130): SAC Reefs (H1170) (Polygons) (England)	esacreefIndex

Marine	SAC Estuaries (H1130): SAC Submerged or partially submerged seacaves (H8330) (Points) (England)	esaccavesPIndex
Marine	SAC Estuaries (H1130): SAC Submerged or partially submerged seacaves (H8330) (Polygons) (England)	esaccavesIndex
Marine	SAC Estuaries (H1130): SAC Saltmarsh (Points) (England)	esacsaltmPIndex
Marine	SAC Estuaries (H1130): SAC Saltmarsh (Polygons) (England)	esacsaltmIndex
Marine	SAC Large shallow inlets and bays (H1160): SAC Mudflats and sandflats not covered by seawater at low tide (H1140) (Points) (England)	isacmudPIndex
Marine	SAC Large shallow inlets and bays (H1160): SAC Mudflats and sandflats not covered by seawater at low tide (H1140) (Polygons) (England)	isacmudIndex
Marine	SAC Large shallow inlets and bays (H1160): SAC Sandbanks which are slightly covered by sea water all the time (H1110) (Points) (England)	isacsandPIndex
Marine	SAC Large shallow inlets and bays (H1160): SAC Sandbanks which are slightly covered by sea water all the time (H1110) (Polygons) (England)	isacsandIndex
Marine	SAC Large shallow inlets and bays (H1160): SAC Reefs (H1170) (Points) (England)	isacreefPIndex
Marine	SAC Large shallow inlets and bays (H1160): SAC Reefs (H1170) (Polygons) (England)	isacreefIndex
Marine	SAC Large shallow inlets and bays (H1160): SAC Submerged or partially submerged seacaves (H8330) (Points) (England)	isaccavesPIndex
Marine	SAC Large shallow inlets and bays (H1160): SAC Submerged or partially submerged seacaves (H8330) (Polygons) (England)	isaccavesIndex
Marine	SAC Large shallow inlets and bays (H1160): SAC Saltmarsh (Points) (England)	isacsaltmPIndex
Marine	SAC Large shallow inlets and bays (H1160): SAC Saltmarsh (Polygons) (England)	isacsaltmIndex
Marine	SAC Mudflats and sandflats not covered by seawater at low tide (H1140) (Points) (England)	sacmudPIndex
Marine	SAC Mudflats and sandflats not covered by seawater at low tide (H1140) (Polygons) (England)	sacmudIndex
Marine	SAC Sandbanks which are slightly covered by sea water all the time (H1110) (Points) (England)	sacsandPIndex
Marine	SAC Sandbanks which are slightly covered by sea water all the time (H1110) (Polygons) (England)	sacsandIndex
Marine	SAC Reefs (H1170) (Points) (England)	sacreefPIndex

Marine	SAC Reefs (H1170) (Polygons) (England)	sacreefIndex
Marine	SAC Submerged or partially submerged seacaves (H8330) (Points) (England)	saccavesPIndex
Marine	SAC Submerged or partially submerged seacaves (H8330) (Polygons) (England)	saccavesIndex
Marine	SAC Saltmarsh (Points) (England)	sacsaltmPIndex
Marine	SAC Saltmarsh (Polygons) (England)	sacsaltmIndex
Marine	MCZ Species Features of Conservation Importance (Points) (England)	mczfociPIndex
Marine	MCZ Habitat Features of Conservation Importance (Points) (England)	mczhociPIndex
Marine	MCZ Broadscale Habitat (Points) (England)	mczbshPIndex
Marine	MCZ Habitat Features of Conservation Importance (Polygons) (England)	mczhociIndex
Marine	MCZ Broadscale Habitat (Polygons) (England)	mczbshIndex
Marine	WFD Estuarine and Coastal Water Bodies Cycle 2 (England)	wfdwaterbodies
Marine	Special Areas of Conservation (England)	msac
Marine	Special Protection Areas (England)	mspa
Marine	Shellfish Waters 2014 (England)	mswen
Marine	Bathing Waters 2016 (England)	mbwaters
Marine	Coastal Sensitive Areas - Eutrophic (England)	coasteutrophic
Marine	Intertidal Seagrass Beds (A2.61) (England)	intertidalsbed
Marine	Subtidal Seagrass Beds (A5.53) (England)	subtidalsbed
Marine	Saltmarsh (A2.5) (England)	saltmarsh
Marine	Chalk Reef (Subtidal Chalk HOCl 20) (England)	chalkreef
Marine	Mäerl beds (A5.51, HCOI 12) (England)	maerlbed
Marine	Native Oyster Beds (Ostrea edulis beds HOCl 14) (England)	oysterbed
Marine	Mussel Beds (Modiolus modiolus, Mytilus edulis & others) (A1.22, A2.72, A5.62, A4.24, A3.361) (England)	musselbed
Marine	Polychaete Reef (A5.61, A2.71, HOCl 8, HOCl 16) (England)	polyreef
Marine	Subtidal Kelp Beds (A3.11, A3.21, A3.22, A3.31, A3.32, A5.52) (England)	subkelpbed
Marine	Gravel & Cobbles (intertidal & subtidal coarse sediment A2.1, A5.1) (England)	gravel
Marine	Intertidal Soft Sediment (Sand, Mud & Mixed A2.2, A2.3, A2.4) (England)	intertidalsed
Marine	Subtidal Soft Sediment (Sand, Mud & Mixed A5.2, A5.3, A5.4) (England)	subtidalsed
Marine	Rockyshore (Intertidal rock A1) (England)	rockyshore

Marine	Subtidal Boulder Field (A3.123, A3.2112, A3.7162) (England)	subboulder
Marine	Subtidal Rocky Reef (Infralittoral and Circalittoral rock A3, A4) (England)	subrockyreef
Postcodes	Postcode Areas	pcareaIndex
Postcodes	Postcode Districts	pcdistrictIndex
Postcodes	Postcode Sectors	pcsectorIndex
Postcodes	Postcodes	pcpostcodeIndex
Postcodes	Postcodes Centroids	pccentroidIndex
Background Mapping	Backdrop of Great Britain (Detailed)	backdropDIndex
Background Mapping	Backdrop of Great Britain	backdropIndex
Background Mapping	Europe	europelIndex
Aerial Photography	PGA-UK-AP-25-WMS	aerialIndex
Rasters	OSGBVML	vmIndex
Rasters	OSGB25K	25kIndex
Rasters	OSGB50K	50kIndex
Rasters	OSGB250K	250kIndex
Rasters	Miniscale	miniscaleIndex
Grey Rasters	OSGBVML	vmIBWIndex
Grey Rasters	OSGB25K	25kBWIndex
Grey Rasters	OSGB50K	50kBWIndex
Grey Rasters	OSGB250K	250kBWIndex
Grey Rasters	OSGB250K	250kBWIndex
Grey Rasters	Miniscale	miniscaleBWIndex
Base Map	BaseMap	baseIndex
Watermark	Watermark Layer	watermarkIndex