



Blackdown Hills
Area of Outstanding Natural Beauty

MANAGEMENT PLAN 2019 – 2024

Annexe

Annexe D: Additional Data and Supporting Information

Management Plan 2019-2024 Additional Data and Supporting Information

	Area		
AONB Area	370 sq km	(36958.7 ha)	Data source: Natural England
Devon	260 sq km		
Somerset	110 sq km		

Landscape

Landscape character types	% area of AONB	Data source: Devon AONBs, 2011
LCT 1A Open inland planned plateaux	35%	
LCT 1E Wooded ridges and hilltops	3%	
LCT 2A Steep wooded scarp slopes	13%	
LCT 3A Upper farmed and wooded valley slopes	38%	
LCT 3B Lower rolling farmed and settled valley slopes	11%	
LCT 3C Sparsely settled farmed valley floors	1%	

Historic Environment

Heritage asset	Number	Notes
		Data source: ©Historic England, 2018.
Scheduled Monuments	25	
Listed Buildings: Total	768	
Listed Buildings Grade I	13	
Listed Buildings Grade II*	47	
Listed Buildings Grade II	708	
Registered Parks and Gardens	0	
Battlefields	0	

Heritage assets at risk	Number	Notes
		Data source: © Historic England, 2018. Figures for 2017.
Scheduled Monuments	3	
Listed Buildings Grade I	0	
Listed Buildings Grade II*	3	
Listed Buildings Grade II	1	

Historic Environment Record (HER) for the AONB

Data source: Derived from HER database, Devon County Council and South West Heritage Trust (Somerset Heritage Centre)

Total number of monuments	8144					
Monument Class	Number	%		Broad Period	Number	%
Agriculture and subsistence	2205	19.7		Prehistoric	629	5.8
Civil	42	0.4		Roman	148	1.4
Commemorative	64	0.6		Medieval	2059	19.0
Commercial	22	0.2		Post Medieval	3933	36.2
Communications	36	0.3		Modern	2252	20.7
Defence	177	1.6		Unknown	1842	17.0
Domestic	1014	9.0				
Education	19	0.2				
Gardens parks and urban spaces	587	5.2				
Health and welfare	7	0.1				
Industrial	2645	23.6				
Maritime	38	0.3				
Military defence and fortification	106	0.9				
Monument (by form)	2687	24.0				
Object	94	0.8				
Recreational	35	0.3				
Religious ritual and funerary	347	3.1				
Transport	447	4.0				
Unassigned	414	3.7				
Water supply and drainage	224	2.0				
Please note that each monument can be classified as more than one class or broad period, and therefore the total numbers do not match. Actual total number of monuments is as stated at start of table.						

Biodiversity and Geology

		Area (Ha)	Grid Ref or %	Number	Notes
Special Areas of Conservation (SAC)	Total SAC	20.33 ha		1	Data source: www.jncc.defra.gov.uk [accessed April 2019]
	Quants	20.33	ST 186178		Marsh Fritillary is the Annex II species that is the primary reason for selection of this site as a SAC.
General site character	Dry grassland Steppes	15%			
	Broadleaved deciduous woodland	35%			
	Coniferous woodland	25%			
	Mixed woodland	25%			
Sites of Special Scientific Interest (SSSI)	Total SSSI	638.9 ha		16	Data source: Natural England, https://designatedsites.naturalengland.org.uk/ [accessed April 2019]
	Devon	330.0 ha		8	
	Ashculm Turbary	6.5	ST 146156		Lowland bog; lowland broadleaved, mixed and yew woodland
	Black Down and Sampford Commons*	156.5	ST 115161		Lowland dwarf shrub heath; lowland bog; lowland broadleaved, mixed and yew woodland
	Furley Chalk Pit	2.7	ST 275041		Earth heritage
	Hense Moor	93.4	ST 173079		Lowland fen, marsh and swamp
	Hense Moor Meadows	3.1	ST 173069		Lowland neutral grassland
	Quarry Fields Farm	5.4	ST 275013		Lowland neutral grassland
	Reed's Farm Pit	0.8	ST 212003		Earth heritage
	Southey and Gotleigh Moors*	61.6 ha	ST 192110		* Partly in Somerset. Lowland broadleaved, mixed and yew woodland; lowland bog

		Area (Ha)	Grid Ref or %	Number	Notes
SSSI cont.	Somerset	308.9 ha		8	
	Deadman	29.9	ST 234157		Lowland bog
	Freshmoor	7.7	ST 279124		Lowland bog
	Long Lye	11.2	ST 265121		Lowland bog; lowland neutral grassland; lowland broadleaved, mixed and yew woodland
	Long Lye Meadow	3.2	ST 267118		Lowland neutral grassland
	Prior's Park and Adcombe Wood	101.1	ST 221170		Lowland broadleaved, mixed and yew woodland; lowland fen, marsh and swamp
	Quants	54.8	ST 185177		Lowland broadleaved, mixed and yew woodland; lowland neutral grassland
	Ringdown	4.2	ST 177154		Lowland bog
	Ruttersleigh	96.8	ST 263162		Lowland bog; lowland broadleaved, mixed and yew woodland; lowland fen, marsh and swamp; lowland neutral grassland

Condition of SSSI					Data source: Natural England, 2018.
	Favourable	122	19%		Percentages show proportion of total SSSI area in AONB in each condition (the condition of units within an individual SSSI is recorded rather than condition of whole SSSI).
	Unfavourable recovering	477	75%		
	Unfavourable no change	40	6%		
	Unfavourable declining	0	0		
	Not assessed	None	None		
	Part destroyed	None	None		

Condition of broad priority habitats within SSSIs	Data source: © Natural England, 2017	Condition (Ha)				Total
		Favourable	Unfavourable recovering	Unfavourable no change	Unfavourable declining	
	Habitat					
	Bogs - Lowland	47	73	-	25	145
	Broadleaved, Mixed and Yew Woodland - Lowland	50	157	30	-	237
	Dwarf Shrub Heath - Lowland	-	114	-	-	114
	Earth Heritage	-	-	3	-	3
	Fen, Marsh and Swamp - Lowland	3	94	6	-	103
	Neutral Grassland - Lowland	22	15	-	-	37
	Total	122	452	40	25	639

		Area (Ha)	Grid Ref or %	Number	Notes
Local Nature Reserves (LNR)	Otterhead Lakes Local Nature Reserve	21.5 ha	ST 244141	1	Owned by Wessex Water and managed by the Otterhead Estate Trust.
Local Wildlife Sites (LWS)	Total LWS	3254 ha		360	
	Devon	1245		150	Local Wildlife Sites are termed County Wildlife Sites (CWS) in Devon. Data source: Devon Biological Records Centre, 2019.
	Somerset	2009		206	Data source: Somerset Environmental Records Centre, 2019.
Wildlife Trust Reserves	Total Wildlife Trust Reserve	146 ha		14	
	Devon	28		4	Data source: Devon Biological Records Centre, 2019.
	Somerset	118		10	Data source: Somerset Wildlife Trust, 2019.
Woodland Trust sites	Total Woodland Trust sites	59.6 ha		4	Data source: Woodland Trust, www.woodlandtrust.org.uk/visiting-woods [accessed May 2019]
	South Plantation	12.2	ST 110090		Mixed ancient woodland, parking nearby
	Three Corners Common	1.2	ST 210119		Woodland and unimproved grassland, a Woods-on-Your-Doorstep site
	Rhododendron Wood	10.6	ST 094071		Mixed woodland, parking
	Adcombe Wood and Woodram Copse	35.6	ST 222178		(Part of SSSI) Broadleaved ancient woodland, limestone grassland

		Area (Ha)	Grid Ref or %	Number	Notes
National Trust sites	Total National Trust sites	61.6 ha		5	Data source: National Trust, 2013.
	Wellington Monument	4.8 ha	ST 137172		Obelisk built 1817-1818 to commemorate Duke of Wellington. A County Wildlife Site.
	Quarts Moor	24.4 ha	ST 151171		Semi-natural woodland, wet woodland, mire, wet heath
	Dumpdon Hill	25.1 ha	ST 175043		Iron Age hill fort managed by dung spreading, hay/silage cut and grazing aftermath by Commoners association
	Combe Wood	7.3 ha	ST 162106		Mixed ash and oak woodland
	Loughwood Meeting House		SY 254993		17th century Baptist Meeting House
Ancient Woodland	Total	867 ha	2%		© Natural England 2017
	ASNW: Ancient and Semi Natural Woodland	427			
	PAWS: Plantations on Ancient Woodland Sites	441			
Local Geological Sites (LGS)	Total LGS	36.6 ha		9	
	Devon	13.7 ha		4	Data source: Devon Biological Records Centre 2013.
	Blackborough Common		SY 096090		Scarp hillside covered in bracken & woodland
	North Hill		ST 096063		Hillside track along Upper Greensand scarp
	Tolcis Quarry		ST 280009		Quarry with section in Lower Lias mudstones and limestones
	Hutchins Pit		ST 212003		Chalk resting on Wilmington Sands
	Somerset	23 ha		5	Data source: Somerset Environmental Records Centre 2018
	Buckland Wood Cutting		ST 180174		Foxmould Member of Upper Greensand at side of track with overlying chert-rich head

		Area (Ha)	Grid Ref or %	Number	Notes
	Gortnell Common Landslip		ST 168178		Fine example of one of many landslips on Blackdown Hills escarpment
	Staple Hill Backscar		ST 227164		Tertiary remnant of marine/fluviatile beds found widely scattered over Cretaceous hilltops of Somerset and Devon
	Otterhead Quarry		ST 224140		Upper Cretaceous Foxmould Greensand and Chert Beds with overlying Head
	Staple Fitzpaine Sarsens Stones		ST 263184		Collection of large silcretes; tertiary Paleosol/weathering product

Natural Resources - Water

		Area/length	% length with 'Good' or 'High' ecological status	Number	Notes
Ecological status of water bodies					Good or high status within Water Framework Directive. Data source: Natural England, 2017, based on Environment Agency data 2016.
	River water bodies (rivers, canals and surface water transfers)	145 km	0		% length aiming for 'good' or 'high' status by 2027: 95.7%
	Standing water bodies (lakes and SSSI ditches)		50	4	

Farming, Forestry and Land Management

		Area (Ha)	% of farms	Number	Notes
Number of farm holdings	Total			629	Data source: Agricultural census 2016, Defra.
	Cereals		3.3	21	
	General cropping		15.9	100	
	Horticulture		1.9	12	
	Specialist pigs		1.4	9	
	Specialist poultry		3.5	22	
	Dairy		18.6	117	
	Grazing livestock (lowland)		48.6	306	
	Mixed		5.2	33	
	Other		1.4	9	
Farm size	Total			629	Data source: Agricultural census 2016, Defra.
	< 5 ha		11.9	75	
	≥ 5 ha to < 20 ha		27.3	172	
	≥ 20 ha to < 50 ha		26.9	169	
	≥ 50 ha to < 100 ha		20.8	131	
	≥ 100 ha		13	82	
Agricultural holding land-use	Total area	29773 ha			Data source: Agricultural census 2016, Defra.
	Rented land	6069			
	Owned land	23293			
	Crops and bare fallow	3623			
	Temporary grass	4639			
	Permanent grass	18821			
	Rough grazing (sole right)	621			
	Woodland	1692			
	Other land	377			

Livestock numbers	Total			1,042,004	Data source: Agricultural census 2016, Defra. Data relate to "commercial" holdings above the EU's thresholds that can be viewed.
	Cattle			48 702	
	Pigs			7 422	
	Sheep			48 131	
	Poultry			936 600	
	Goats			360	
	Horses			789	
Agricultural labour	Total			1522	Data source: Agricultural census 2016, Defra.
	Full time (farmers, salaried managers and employees)			762	
	Part time (farmers, salaried managers and employees)			684	
	Casual workers			76	
		Area (Ha)	% of AONB or Grid Ref	Number	Notes
Land in agri-environment schemes	Total area under Environmental Stewardship agreement	5865 ha	16%		Data source: Natural England, 2018.
	% of Utilisable Agricultural Area (UAA) under Environmental Stewardship		20		UAA of AONB is 29,205 ha (79%)
Area managed under Environmental Stewardship					
	Entry Level Scheme (ELS)	2469	6.7		
	Organic Entry Level Scheme (OELS)	121	0.3		
	Higher Level Scheme (HLS)	523	1.4		
	ELS and HLS	2457	6.6		
	OELS and HLS	295	0.8		

Forestry Commission sites	Public forest estate managed by Forestry England	1040 ha			Data source: Forestry England
National Forest Inventory (NFI) Indicative Forest Types	Total woodland	5355 ha	14.6%		Data source: Forestry Commission, 2017, 2015 figures. (uncertain/cloud/shadow/low-density and assumed woodland areas omitted)
	Broadleaved	3787	10.2		
	Coniferous	917	2.5		
	Felled	146	0.4		
	Coppice	0	0		
	Ground prepared for planting	11	<0.1		
	Mixed	397	1		
	Shrub	16	<0.1		
	Young trees	83	0.2		

Access and Enjoyment

		Area/length	% of AONB	Number	Notes
Public Rights of Way	Total rights of way	440 km			Data source: Devon County Council/Somerset County Council, 2019.
	Footpaths	343.1 km			
	Bridleways	86.2 km			
	Byway (BOAT byway open to all traffic)	0.9 km			
	Restricted byway	9.75km			See www.devon.gov.uk/prow/what-are-public-rights-of-way/ for definitions
Publicly accessible land					Data source: Natural England, 2013. All figures draft and proxy.
	Registered common land	481.7 ha			
	Open country	51.5 ha			Mountain, moor, heath and down.

		Area/length	% of AONB	Number	Notes
	Other open access land	131.9 ha			Section 16 dedicated land (land which public and private landowners have chosen to dedicate for access for the purposes of CROW e.g. Forestry Commission) and Section 15 land (land with open access rights that existed prior to the CROW Act).
	Total mapped CRoW access land	665.1 ha			
	Total (with inaccessible land removed)	640.6 ha	1.7%		Excludes 'excepted' land and areas exempted from open access due to byelaws or subject to other CROW restrictions/exemptions.
	Area of 'accessible natural environment'	1011 ha	2.7%		Area of each protected landscape that is accessible to the public including Open Access land, Wildlife Trust Reserves, National Trust accessible land, Local Nature Reserves, Forestry Commission woodlands, Woods for People and Woodland Trust land.

Planning and Development

Conservation Areas	Number of Conservation Areas			9	Broadhembury, Buckland St Mary, Chardstock, Corfe, Higher Wambrook, Pitminster, Staple Fitzpaine, Stockland, Whitestaunton. Data source: local authorities
Neighbourhood Plans	Number of neighbourhood plans			4	Chardstock, Dunkeswell, Stockland, Yarcombe. Made plans as at May 2019.

Community and Culture

Population	Census 2011 population within AONB		Total	13 392	Data source: Devon County Council, 2013 Methodology based on deriving a weighting from postcode data to apply to Census output areas relevant to the AONB.
	Age profile		0-15	16%	
			16-29	11%	
			30-44	15%	
			45-59	23%	
			60-74	24%	
			75+	12%	