Cannock Chase National Landscape

State of the AONB Report 2024 Appendices



Cannock Chase National Landscape

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Appendix 1. Protected areas for biodiversity

Designation	Name	Total area (ha)	Area in AONB (ha)	% of site within AONB	% of AONB within designation
Special Area of	Cannock Chase				ucoignation
Conservation (SAC)		1244.0	1244.0	100.0%	18.1%
Site of Special	Cannock Chase	2022.1	1279.1	63.3%	18.6%
Scientific Interest	Gentleshaw Common	80.5	78.6	97.7%	1.1%
(SSSI)	Milford Quarry	6.3	6.3	100.0%	0.1%
	Rawbones Meadow	21.3	21.3	100.0%	0.3%
	Stafford Brook	6.9	6.9	100.0%	0.1%
Local Nature Reserve	Brocton	40.9	40.9	100.0%	0.6%
(LNR)	Hazel Slade	13.3	13.3	100.0%	0.2%
	Shoal Hill Common	74.5	74.1	99.5%	1.1%
Site of Biological	Beaudesert Golf Course,				
Importance (SBI)	Rawnsley Hills	60.1	60.1	100.0%	0.9%
	Brereton Hayes (north)	1.2	1.2	98.3%	0.0%
	Brereton Spurs (Stile Cop)	38.5	38.5	100.0%	0.6%
	Brocton Hall Golf Course	5.1	2.1	41.0%	0.0%
	Castle Ring	7.0	7.0	100.0%	0.1%
	Courtbanks Covert,				
	Redmoor Wood	3.6	3.6	100.0%	0.1%
	Etching Hill	7.8	7.8	100.0%	0.1%
	Georges Hayes, Piggots				
	Bottom and Square Covert	19.4	19.4	100.0%	0.3%
	Hatherton Hall	30.2	30.1	99.6%	0.4%
	Hazelslade Nature Reserve	15.0	15.0	100.0%	0.2%
	Huntington	4.2	4.2	100.0%	0.1%
	Morry Meadow	4.5	3.2	70.8%	0.0%
	New Hayes Tip	23.3	9.2	39.3%	0.1%
	Prospect Village (disused railway Newhayes Road-				
	Rugeley Road)	2.2	0.0	0.2%	0.0%
	Sevens Road	12.7	0.0	0.0%	0.0%
	Shoal Hill	33.9	33.7	99.5%	0.5%
	Shooting Butts Pool	0.1	0.1	100.0%	0.0%
	Shugborough Hall	316.1	315.9	99.9%	4.6%
	Startley Lane, Brereton				
	Hayes	2.6	2.6	100.0%	0.0%
	Stony Brook	11.5	11.5	100.0%	0.2%
	Tixall Broad Water	9.6	9.2	95.0%	0.1%
Wildlife Trust Reserve	George's Hayes	10.7	10.7	100.0%	0.2%
	Piggot's Bottom and Square Covert	5.9	5.9	100.0%	0.1%

Appendix 2. Protected	areas for	geodiversity
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LoG Name	Grid Reference	Description	Area (ha)	Condition status (2009)	Condition status (2021)
Brocton Gravel Pit (West)	SJ976191	Well-exposed example of Triassic pebble beds.	10.54	Poor Declining	
Cliffs Caves	SK000218	Fine exposure of Triassic building sandstone which also shows copper mineralisation in places.	0.12	Good Improving	
Dark Slade Wood	SJ973163	Example of irregularly bedded sandstones and pebble beds with manganese deposits in cavities.	0.18	Good Steady	
Etching Hill	SK027187	Topographical feature produced by a local variation in the hardness of the sandstone	0.04	Good Improving	
Satnall Hills Quarry	SJ983208	Well-exposed example of the Cannock Chase Formation pebble beds.	0.27	Good Steady	

Appendix 3. Breeding bird survey, 1992 - 2022

Species	1992	1997	2002	2007	2012	2017	2022	Change
Barn owl			1			2pr	1	i
Crossbill	1pr?	1pr?		1pr	C4pr	4+pr	10pr	h
Cuckoo			29	32	11	32-45	31-42	n
Dartford Warbler				4pr	3+pr	1	0	i
Firecrest				-			0	N/A
Garden warbler				43		61s	25+pr	h
Goshawk				4	3	2pr	4pr	n
Grasshopper	4	2	2	22	2	12	16	1
Warbler								•
Green Woodpecker							12+pr	\downarrow
Greylag Goose						4	5pr	\uparrow
Grey Partridge			1pr	0	0	1	0	N/A
Grey Wagtail			1	6	2+pr	6+pr	11+pr	1
Hobby	0	1	3	2-3	1	4-5pr	3pr	\leftrightarrow
Kestrel							7+pr	N/A
Lesser Redpoll						C3pr	1-5pr	\leftrightarrow
Lesser Spotted		3pr	3pr	1-2	2pr	2pr?	1?	\downarrow
Woodpecker			•					
Lesser Whitethroat						2pr	3pr	\leftrightarrow
Linnet							38+pr	N/A
Little Owl	1pr		2pr	1		3pr	1?	\downarrow
Long-eared owl	1pr	2	3	3	2	3-6pr	4pr	\leftrightarrow
Mandarin Duck						3	1pr?	\downarrow
Marsh Tit					1	0	0	N/A
Mistle Thrush							27+pr	N/A
Nightjar	28-33	38	75	42	16+pr	66	67s	\leftrightarrow
Pied Flycatcher	7pr	3pr	1pr	2pr	6pr	4pr	0	i
Raven					C5pr	8+pr	25pr	h
Red Kite						2	4?	h
Redstart	27	35	17	29	9+pr	18s	12+pr	i
Reed bunting		8	36	66	9+pr	2+pr	12pr	\leftrightarrow
Short-eared owl						0	0	
Shoveler								
Siskin				4	17	C5pr	10pr	1
Skylark				222	192	193	48+pr	\downarrow
Snipe					1-2	1	1?	N/A
Spotted Flycatcher			5pr	4pr	6pr	10pr	8pr	\leftrightarrow
Stock Dove							40+pr	N/A
Stonechat	3	1-5	7-10	30	8	16pr	40+pr	\uparrow
Swallow			222	192		C32pr	10pr	i
Tawny Owl			16	17	C17+	C20pr	20+pr	\leftrightarrow
Tree Pipit	95	179	119	98	57	105s	101pr	\leftrightarrow
Tree Sparrow							0	
Turtle Dove			2-3	5-7	0	1+pr	0	i
Wheatear						36m	30m	М

Willow Tit				6	3pr	1-3pr	2pr?	\downarrow
Willow Warbler					61	281s	345+pr	\leftrightarrow
Woodcock	27	30	15-	15-30		67	100+	\uparrow
			20					
Woodlark		7-9	26	32	16+pr	34+pr	17+pr	\downarrow
Wood Warbler	10pr	4pr	7pr	8pr		4pr	1?	i
Yellowhammer					6	48	21pr	\downarrow

Blank spaces – no data for that year

Pr – pairs

S – singing birds

C – approximately

+ - more than

? - number uncertain, maybe non-breeding

M – on migration

i - indicates downward trend

h - indicates updwards trend

n - indicates stable numbers of observations

N/A - Indicates no obvious trend or insufficient numbers of observations

West Midland Bird Club

Appendix 4. Bats

Species	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Total nos of locations
Daubenton's	\checkmark	\checkmark	\checkmark														
Whiskered	\checkmark																
Natterer's	\checkmark		\checkmark				\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark			\checkmark	\checkmark	
Whiskered /			\checkmark														
Brandt's																	
Unidentified Myotis	\checkmark			\checkmark	\checkmark		\checkmark										
Noctule	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark		\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark			\checkmark	\checkmark	
Lesser				\checkmark			\checkmark								\checkmark		
Noctule/Leisler's																	
Unidentified				\checkmark													
Nyctalus																	
Common Pipistrelle	\checkmark			\checkmark													
Soprano Pipistrelle	\checkmark		\checkmark	\checkmark	\checkmark		\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark					
Unidentified	\checkmark		\checkmark	\checkmark													
Pipistrelle																	
Brown long-eared	\checkmark																
Unidentified bat	\checkmark																

Regular bat box checks have been carried out by Staffordshire Bat Group at the same locations since 2008 (excluding 2020 and 2021 due to the Pandemic) and this reveals bats continue to use the Cannock Chase landscape throughout the year for all aspects of their life cycle, for roosting, foraging, breeding, and hibernating. Numbers of bats found ranged from individuals to 20 Natterer's bats in a bat box in 2023.

The one trend that comes from the bat box checks is the increase in the presence of Leisler's bats which were not recorded in bat boxes in the past but have been present as individual bats in bat boxes over the past number of years.

An absence of bat records does not mean that there is an absence of bats, it could be a product of under-recording.

Christopher Smith, Staffordshire Bat Group

Appendix 5. White-clawed crayfish

Location	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Brindley Valley										
Upper Rising	\checkmark									
Brook										
Lower Rising Brook	\checkmark									
Bentley Brook										
Upper Stony Brook	\checkmark									
Lower Stony Brook	\checkmark									
Fallow Stream	\checkmark									
Brereton Brook										
Upper Shropshire	\checkmark	\checkmark								
& Red Brooks										
Lower Shropshire	\checkmark									
Brook										
Upper Ben Brook										\checkmark
Maple Brook										
Redmoor Brook										
Upper Oldacre										
Burn										
Lower Oldacre									\checkmark	\checkmark
Burn										
Brocton Pool				\checkmark						
Lower Sher Brook										
Upper Sher Brook									\checkmark	\checkmark
Upper Old Brook	\checkmark	\checkmark								
Lower Old Brook	\checkmark									
Upper Stafford	\checkmark	\checkmark								
Brook										
Lower Stafford	\checkmark	\checkmark								
Brook										
AONB River Trent										
AONB River Sow						ļ				
Ornamental Sow						ļ				
AONB Trent &										
Mersey Canal						ļ				
AONB Staffs &										
Worcs Canal										

Nick Mott, Staffordshire Wildlife Trust

Appendix 6. North American signal crayfish

Location	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Brindley Valley	\checkmark									
Upper Rising										
Brook										
Lower Rising										
Brook										
Bentley Brook										
Upper Stony										
Brook										
Lower Stony										
Brook										
Fallow Stream										
Brereton Brook										
Upper Shropshire										
& Red Brooks										
Lower Shropshire										
Brook										
Upper Ben Brook										
Maple Brook										
Redmoor Brook										
Upper Oldacre										
Burn										
Lower Oldacre										
Burn										
Brocton Pool										
Lower Sher Brook										
Upper Sher										
Brook										
Upper Old Brook										
Lower Old Brook										
Upper Stafford										
Brook										
Lower Stafford										
Brook					,	,				
AONB River Trent				\checkmark						
AONB River Sow										\checkmark
Ornamental Sow										
AONB Trent &	\checkmark									
Mersey Canal										
AONB Staffs &										
Worcs Canal										

Appendix 7. Small pearl-bordered fritillary

The small pearl-bordered fritillary butterfly *Boloria selene* is a priority species of conservation concern in England (Section 41 of the Natural Environment and Rural Communities Act 2006), a Staffordshire Biodiversity Action Plan species, and listed as Near Threatened on the Red List of British Butterflies¹, and has experienced a severe decline in England. Critically, Cannock Chase National Landscape holds the last remaining population for Staffordshire.

Survey and monitoring have focused on two areas where the butterfly has traditionally been found on Cannock Chase, the Sherbrook Valley and Oldacre Valley.

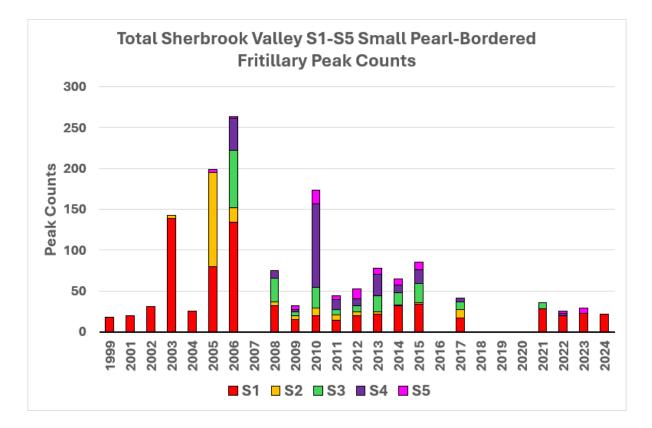


Fig 1. (above) shows the huge variation in the numbers of Small Pearl-bordered Fritillary recorded during peak counts in the five monitoring compartments of the Sherbrook Valley (S1-S5) at Cannock Chase from 1999-2024. While the five compartments were first set up in 2006, records from the S1 compartment could be identified prior to this as this was the area most commonly visited by recorders. The graph shows that records of peak counts of small pearl-bordered fritillary have declined since 2006 when more systematic monitoring began. S1 is now the only area of the Sherbrook Valley where they are now regularly recorded in any quantity. The lack of records in 2007, 2018, 2019 and 2020 are more likely due to a lack of recording (or a lack of records being submitted to national databases) rather than an absence of the butterfly.

¹ Fox, R., Warren, M.S. & Brereton, T.M. 2010. A new Red List of British Butterflies, Species Status No. 12, JNCC, Peterborough, ISSN 1473-0154.

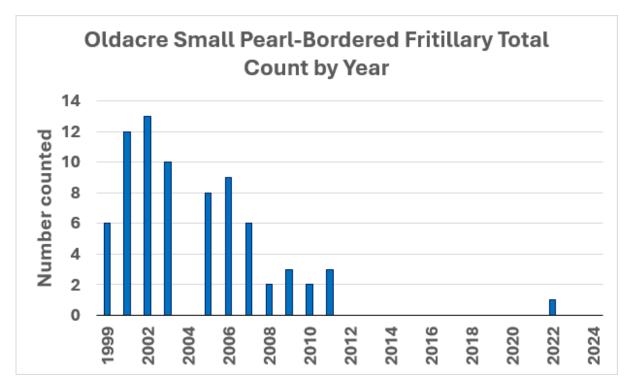


Fig 2. (above) shows Total counts for Small Pearl-bordered Fritillary in the Oldacre Valley at Cannock Chase from 1999-2024. While five monitoring compartments were set up here in 2006 (in a similar way to those in the Sherbrook Valley), very few Small Pearl-bordered Fritillary have been seen here in comparison. All the records in Oldacre have come from one monitoring compartment (Section O4) with only one adult record here since 2011.

In summary, the Small Pearl-bordered fritillary has all but disappeared from the Oldacre Valley, and the population in the Sherbrook valley has largely been relegated to a single area (S1), with stable but low numbers in a very small area. These declines are potentially due to habitat loss and deterioration in habitat quality. It is important to recognise that these small, isolated populations are vulnerable to extinction.

Jenny Joy and Oliver Joy

Appendix 8. Heathland plants

The heathlands and their characteristic assemblage of plants are a key feature of Cannock Chase. Our heathlands are of international and national importance with several sites designated for their special conservation interest. Cannock Chase Special Area of Conservation was primarily designated for the assemblage of heathland plants of its wet and dry heathland. These habitats are considered to be most in need of conservation at a European level.

Typical plants include heather, bell heather, crowberry, bilberry and hybrid bilberry on the dry heath with heather, cross-leaved heath and cranberry, bog asphodel, and sundews on the wet heath/mires. Cannock Chase holds the main British population of hybrid bilberry also known as the 'Cannock Chase berry', a plant of restricted occurrence.

In 2023 4 out of the 6 keynote plant species associated with the heath, both wet and dry, were recorded as present on the Chase. It is important to note that consistent long-term monitoring is not in place for some species and a lack of records may be due to under recording rather than an absence of the plant. For example, in the case of hybrid bilberry, the lack of records is more due to the lack of people looking for it specifically and the difficulty in identification; similarly, this may be true of crowberry given the sporadic records, especially where specimens may be away from main pathways. A number of insectivorous plants are found in boggy places and on the wet heaths. These include the three species of sundew that have now been recorded, round-leaved (*Drosera rotundifolia*), great (*Drosera anglica*) (2020-2023), and hybrid sundew (*D. x obovata*) (2023); although another type of insectivorous plant, butterwort, has not been recorded since 2018.

The table provides more detailed information on records of heathland species on Cannock Chase since 2006.

Species	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Hybrid bilberry*			~							~	~							
Round-leaved sundew**					\checkmark							~	~	~	~	\checkmark	~	~
Bog asphodel											\checkmark							
Butterwort											\checkmark	\checkmark	\checkmark					
Cranberry					\checkmark							\checkmark						
Crowberry	\checkmark														\checkmark			\checkmark

Staffordshire Ecological Record

Type of woodland cover	Area within Natio (ha)	onal Landscape	% of the total	area of woodland
	2015	2019	2017	2019
Broadleaved	1,089	1,075.88	29.3%	28.9%
Conifer	1,720	1,552.11	46.3%	41.8%
Failed	1	1.71	0%	0%
Felled	592	766.29	15.9%	20.6%
Ground prepared for	21	20.68	0.6%	0.6%
planting				
Mixed	27	43.99	0.7%	1.2%
Windblow	1	0	0%	0%
Young trees	266	254.51	7.2%	6.9%
Total area of land	3,716 (54.1% of	3,715 (54.1%		
	National	of National		
	Landscape)	Landscape)		

Appendix 9. Woodland cover, 2015 - 2019

Appendix 10. Land use cover 2020

		Percentage of National
Land Use (2020)	Area (ha)	Landscape
Agriculture - mainly crops	1637.36	23.85
Agriculture - mixed use	40.67	0.59
Coniferous woodland	2067.65	30.12
Deciduous woodland	1786.69	26.02
Farms	18.64	0.27
High density residential	4.00	0.06
Industrial areas	3.86	0.06
Inland Water	63.80	0.93
Large complex buildings	0.77	0.01
Low density residential	196.61	2.86
Medium density residential	15.11	0.22
Mining and spoil areas	66.56	0.97
Open or heath and moor land	113.00	1.65
Principle Transport	48.57	0.71
Recreational land	802.50	11.69
Urban centres	0.05	0.00
	6865.83	100.00

Landscape Character type	Area (ha)	% of total AONB area
Forest Heathlands	3768.01	54.9%
Sandstone Hills and Heaths	1710.03	24.9%
Settled Heathlands	87.28	1.3%
Sandstone Estatelands	181.13	2.6%
River Meadowlands	278.63	4.1%
Settled Farmlands	419.44	6.1%
Settled Plateau Farmlands	228.37	3.3%
Coalfield Farmlands	116.32	1.7%
Urban landscapes	76.63	1.1%

Appendix 11. Landscape Character Types

The landscape of Cannock Chase is varied. Several landscape character types can be recognised, although the boundaries between them are usually transitional and only occasionally are defined by marked changes on the ground.

The Chase is perhaps best known for its heathlands and pine plantations, which together represent all that remains of the original unenclosed medieval Forest landscape. This *forest heathlands* landscape forms the core of the AONB, making up 75% of the total land area. It is strongly associated with the high plateau of the Chase, where the underlying pebble beds have weathered to produce a deeply incised topography characterised by domed summits and small incised valleys – known locally as 'slades'. This is a remote landscape characterised by expansive heath vegetation, commercial pine plantations and semi-natural oak and birch woodlands.

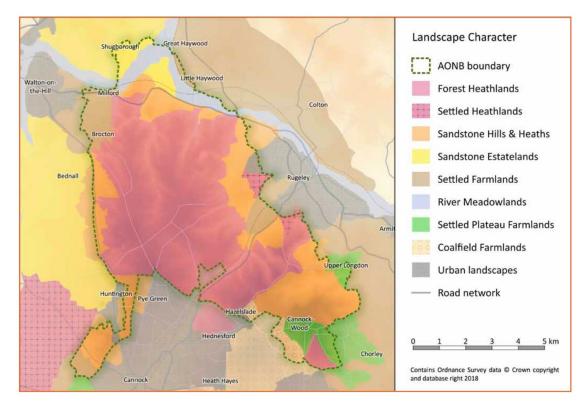
The fringes of the forest are characterised by impoverished, free draining, sandy soils, which historically posed a major constraint to land use. Until relatively recently these *sandstone hills and heaths* continued to be dominated by woodland and heath. Remnants of heathy vegetation still survive in places, but mostly they have been planted with conifers, or converted to intensive arable cultivation and stock rearing within a planned enclosure pattern of medium sized and larger hedged fields.

The *settled heathlands* are the other landscape character type with strong links, both visually and ecologically, with the forest heathlands core of the AONB. Mainly associated with areas of former heathland around the fringe of higher ground on the Chase, this landscape has been shaped by the enclosure of heathland in the early 19th century, creating a regular pattern of small / larger hedged fields and a network of straight lanes with roadside dwellings. Little heathland now survives and much of the land is used for stock rearing.

A broad belt of *sandstone estatelands* lies along the western edge of the Chase between Hatherton and Teddesley and again to the north of the River Sow in the area around Ingestre Park. This is a well ordered open, gently rolling, mixed farming landscape mostly created in the early 18th century by the enclosure of former open ground and heath. This planned landscape has been heavily influenced by a number of traditional rural estates and their associated landscape parks, such as those at Shugborough and Teddesley.

Along the northern edge of the high plateau which forms the core of Cannock Chase the land falls off steeply into the Trent Valley and its tributary the Sow. The low-lying alluvial floodplain forms a distinctive *river meadowlands* landscape, with an undisturbed pastoral character associated with meadows and grazing animals.

Farmland characterises the remainder of the landscape types on the Chase. The **settled farmlands** is a well-defined cultural landscape with a varied pattern of small to medium sized hedged fields set within an irregular pattern of rural lanes. The **settled plateau farmlands** has a similar cultural pattern, but in addition is characterised by patches of relic common with a more planned pattern of regular fields, straight roads and wayside dwellings. Both landscapes lie around the edge of the Cannock plateau and give rise to dairying and mixed farming. The **coalfield farmlands** occur along the south eastern edge of the AONB on former areas of disturbed / restored mining land.



Location	2004 Baseline (Summer)	2014 (Summer)	2022 (Winter)	Overall condition trend
1 Toc-H Deer viewing platform	Summer heathland with scattered birch	No noticeable change	No noticeable change birch slightly larger	No change
2 The Fire Watch	Summer heathland with scattered birch		No photo	N/A
3 Brindley Heath	Summer heathland with scattered birch	No change	No noticeable change birch slightly larger	No change
4 West Cannock No.5	Summer heathland with young mixed conifer and birch woodland in middle ground with more distant views to plateau with mainly coniferous plantations	Increased growth of woodland in middle ground starting to obscure part of more distant plantations	Woodland in middle ground obscuring views of more distant woodland. Without management this view will be foreshortened	Deterioration
5 Old Acre	Heathland with small birch	Possibly a slightly different location? View becoming obscured by birch and scrub	View becoming obscured by birch and scrub – likely to be more limited in summer	Deterioration
6 Peace Vista	View obscured by pine	Pine removed from foreground view slightly limited by bracken	Views of heathland framed by birch	Improvement
7 Brocton Coppice	Heathland with occasional birch, distant views across rolling heathland to conifer plantations	Slight colonisation by gorse in the middle ground	No significant change gorse continuing to establish	No change
8 Anson's Bank	Heathland with scattered birch and pine to wooded horizon	No noticeable change	Growth of trees and additional scrub starting to obscure more distant features	Deterioration
9 Anson's Bank	Heathland with occasional birch and pine to wooded horizon	Possible evidence of path widening but could be slightly different location?	No significant change	No change
10 Sherbrook	View of heathland across Sherbrook Valley	Slight increase in hawthorn scrub	No noticeable change	No change
11 Upper Old Acre Valley	Heathland with occasional birch and pine to wooded horizon	Slight increase in birch and hawthorn scrub	Slight increase in birch and hawthorn scrub	No change

Appendix12. Fixed Point Photography, summary of landscape change, 2004 - 2022

12 Penkridge	View across FC plantations in different	Young plantation increased in height	Conifer plantation significantly	Deterioration
Bank	stages of growth. Illustrates FC working		increased in height so that distant	
	landscape over time		views are obscured, plus dramatic	
			increase in self-set birch by roadside.	
			Road side birch may become an issue –	
			consider management requirement?	
13A Castle Ring	View over young woodland on lower	Middle ground becoming obscured by	Self-set woodland established on	Deterioration
	slopes of Castle Ring, with	woodland growth (AONB plateau in	higher slopes of Castle Ring. Woodland	
	commanding views across the rolling	the main no longer visible)	obscures main views towards Rugeley.	
	wooded AONB, and long distance		Upper Longdon and more distant	
	views of Needwood area. Rugeley		views towards Needwood still visible	
	Power Station visible in middle		but predicted tree growth will entirely	
	distance in centre of frame, Upper		obscure view in a few years' time.	
	Longdon in right of frame.			
13B Castle Ring	View across Castle Ring SAM showing	Birch and willow scrub colonising	Significant establishment of trees and	Deterioration
	hill fort banking and central area as	across the fort site. Some oak also	scrub. View mainly obscured. – this	
	open heath (SBI?) enclosed by	evident	will be potentially resolved by the FiLP	
	plantation woodland and some self-set		project with CCDC	
	trees			
14 Wolseley	View of floodplain meadow with	No noticeable change	No noticeable change. Winter view	No change
Bridge	flanking woodland on valley sides		nicely illustrates river and floodplain in	
			flood.	
15A	View across floodplain. Westcoast	No noticeable change	No noticeable change	No change
Weetsmans	mainline in middle ground, edge of			
Bridge	Great Haywood and wooded valley			
	sides of Shugborough in the			
	background			
15B Weetsmans	View downstream of valley bottom	No noticeable change	No noticeable change	No change
Bridge	and riparian vegetation along riverside			
16A Tixall	View of Gatehouse and parkland trees	No noticeable change	No noticeable change	No change
Gatehouse				
16B Tixall Wide	View towards Tixall Wide across open	Intervening vegetation (hedge and	Vegetation growth progressively	Deterioration
	pasture water body is visible, wooded	tree growth etc) starting to slightly	filtering views.	
	skyline of the AONB seen on the other	limits views of Tixall Wide and some		
	side of the valley	elements of distant view.		

17A	View of floodplain meadow with	No noticeable change	No noticeable change	No change
Holdiford	flanking woodland on valley sides			
Bridge, Tixall				
17B	View of floodplain meadow with	No noticeable change	No noticeable change	No change
Holdiford	woodland behind.			
Bridge, Tixall				
18 Little	View from Little Haywood across	No noticeable change	No noticeable change	No change
Haywood	pasture. Westcoast mainline crosses			
	the centre of the frame, wooded			
	plateau of the Chase behind			
19	View from top of Etching Hill across	Increase in vegetation on Etching Hill	No photo	Deterioration
Etching Hill	farmland in the middle ground,	starting to obscure parts of the view		
	wooded rolling landscapes of the			
	Chase in the background of the frame			
20 Stafford	View across pasture farmland. Wooded	Intervening tree growth starting to	Power station towers no long visible	No change
Brook Road	valley of Stafford Brook crosses the	obscure view of power station towers.	but otherwise no noticeable change to	
	centre of the frame, Rugeley Power		foreground and middle ground.	
	Station towers visible on the horizon.			
21 Slitting Mill	View across rolling farmland to	Due to light conditions more distant	No noticeable change. View is more	Deterioration
	wooded plateau of the Chase.	elements of the view not visible. White	open due to timing of photo.	
		tape fencing in foreground field		
22 Stile Cop	Panoramic view across Stile Cop field.	Majority of Stile Cop field converted to	No noticeable change since 2014	Deterioration
	Vegetation is species diverse with	improved pasture, though quite large		
	heather, bracken, gorse scrub, rough	area of gorse scrub remains on the		
	grassland and small patches of	lower slopes. Patches of self-set		
	woodland.	woodland removed.		
23 Gentleshaw	Panoramic view of the Common, with	No noticeable change	No photo	No change
Common	diverse vegetation of rough grassland,			
	bracken and heather in the foreground			
	and trees/scrub on the horizon.			
24 Chase	View up Hayfield Hill. Gentleshaw	No noticeable change. Photo is rather	New development on the right side of	Deterioration
Terrace	Common semi-natural heathland in the	grainy and difficult to decipher.	Hayfield Hill is prominent. Housing is	
	right of the frame, Settled Farmland		more visible generally just below the	
	and in the left of the frame. Horizon of		horizon. This gives an indication of	
	wooded Chase plateau.		how sensitive the landscape is to visual	

			intrusion from development or tree	
			removal.	
			Vpt 11 (also winter view) in the AONB Views and Setting Guide (2020) does not show these houses so prominently	
25 Hayfield Hill	View from Hayfield Hill across pastural farmland interspersed with hedgerows to heathland with quite extensive tall scrub on Gentleshaw Common.	Pasture field has been subdivided by post and wire fencing and has paraphernalia from horse pasturing. Reduction in small trees and scrub on Gentleshaw Common.	No noticeable change on pastureland, slight increase in scrub again on Gentleshaw Common.	Deterioration
26 Prospect Village	View across rough grassland and isolated hawthorn scrub to past wooded valley bottom, to hedged farmland and scattered dwellings on the plateau side, rising to woodland on an elevated horizon	Foreground pasture improved and scrub removed. Otherwise no noticeable change	New post and stock proof netting fence subdividing foreground field	Deterioration
27A 360 Huntington Mound	Panoramic view south west? Across Staffordshire Plain. New recycling centre under construction in the middle ground.	Views becoming obscured by vegetation on Huntington Mound. Views of middle ground limited, distant horizon visible	No photo	Deterioration
27B 360 Huntington Mound	Panoramic view towards AONB. Huntington is in the middle of the frame, mainly nestled in the valley and surrounded by farmland. New industrial development is seen in the foreground. Wooded plateau of Cannock Chase marks the horizon, including Telecoms Tower	Intervening vegetation on upper slopes of Huntington Mound almost entirely obscures view of Huntington, except in the left of the frame. Upper plateau slopes of the AONB visible above vegetation, including Telecoms Tower.	No photo but view is almost certainly entirely obscured by now.	Deterioration
28 Huntington Belt	Distant view over farmland and Staffordshire Plain. Foreground field rough grassland	No noticeable change except foreground grassland now improved pasture	No noticeable change	No change
29 Shoal Hill	View of heath on Shoal Hill Common enclosed by a woodland horizon. Small amount of scattered hawthorn scrub and a few young birch.	Increase in height of scattered birch, and a few self-set Rowan	Increase in height and density of birch establishing.	Deterioration

30 Hatherton	Grazed parkland with parkland trees.	No noticeable change	Parkland subdivided by plastic post	Deterioration
Park	Lake in the middle of the frame.		and white tape fencing plus some	
			paddock paraphernalia such as feed	
			containers, detracting from openness	
			of parkland.	
31A Brocton	Commanding view across farmland	No noticeable change	No noticeable change	No change
and Bednall	towards Stafford and beyond across Staffordshire Plain			
31B Brocton	View Southwest across farmland.	No noticeable change	Vehicles parked in field by Bednall	No change
and Bednall			Head Farm. Some scrub developing to	
			north of farm.	
32 Vivian's	View of farmland (Sandstone Hills and	No noticeable change	No photo	No change
Wood	Heaths) towards wooded near horizon.			
33 Triumphal	View from Stafford Plantation of	No noticeable change	No noticeable change	No change
Arch,	Triumphal Arch in the centre of the			
Shugborough	frame and Shugborough Parkland.			
	Distant views of Hixon, and valley side			
	of the Trent			
34 Broc Hill	View of heathland with hilltop mature	Young pine maturing, otherwise no	No noticeable change	No change
	pine group. Distant commanding views	noticeable change		
	across Stafford towards Long Mynd			
35 Milford	View of car park and Milford Common.	No noticeable change.	No noticeable change	No change
Common view 1	Milford village visible in the left of the			
	frame, woodland on the edge of			
	Shugborough forms the backcloth of			
	the view. Occasional cars parked in			
	laybys			
36 Milford	View across Common towards Spring	No noticeable change	No noticeable change	No change
Common view 2	Hill, forming a wooded backdrop			
37	View of Shugborough Hall across	No noticeable change (not the correct	No photo	No change
Shugborough	mown parkland with mature parkland	position)		
Park	trees			
38 Blithbury	View across farmland. The AONB rises	No noticeable change	No photo	No change
Road, Colton	in the distance forming a wooded			
	horizon with farmland flanking the			
	plateau			

39 Tixall Rd,	View across a farmed foreground to	No noticeable change	No noticeable change	No change
Lodge Covert	Cannock Chase plateau on the horizon			
40 Tackeroo Caravan Park	View northeast on forest ride. Mixed age plantations. Rugeley Power Station seen in the middle distance, farmland seen beyond	Maturing plantations in the foreground have obscured the view	No noticeable change	No change
41 Seven Springs	View of pasture farmland on valley side of the Trent, rising to woodland on upper slopes.	No noticeable change	No noticeable change	No change
42 Brocton Village	Village green and surrounding cottages	No noticeable change	No noticeable change	No change
43 Satnall Hills Quarry	Quarry face with heather and self-set trees above	No noticeable change	No noticeable change	No change
44 A449 Public footpath, Dunston	View towards the AONB. The Chase plateau forms the skyline. Traffic on the M6 the view in the middle ground	New gantry on the M6, otherwise no noticeable change	No noticeable change	No change
45 Gailey, Lee Lane	View across open fields towards the AONB domed plateau, which forms dark wooded skyline	No noticeable change	No noticeable change	No change
46 Hatherton	View across Settled farmlands towards Shoal Hill Common. Fringe of Cannock is in the right hand of the frame	No noticeable change	2021 Unauthorised development in the centre of the frame	Deterioration
47 Goosemore Green	View across Settled Plateau farmlands towards the AONB. Scattered wayside dwellings set within pastoral farmland, tall hedges and woodland.	No noticeable change	White tape fencing for horse pasture subdividing field in the foreground. Otherwise no noticeable change	Deterioration
48 Brocton Cross Roads	View of pasture land with wooded background	No noticeable change	No noticeable change	No change
49 Hill Ridware	View takes in open farmland with large woodland blocks rising to the wooded plateau of the Chase	No noticeable change	No Photo	No change
50 Rawnsley-	Looking south from FC plantation in	Taken at a lower elevation outside	White tape fencing in the right	Deterioration
2004 not the	the AONB showing recent conifer	plantation. Horse pasture in centre	foreground mainly supplemented and	
same view as	plantation in the foreground, horse	and right foreground of frame with a	replaced by timber post and rail	
2014 and 2022	pasture at lower elevations. Houses on Rugeley Road distinctive in the right of	combination of white tape and post	fencing. Pasture slightly rougher. Pasture in left of frame remains open.	

	the frame, middle distance with Hednesford Hills rising above.	and rail fencing. Well wooded in the valley bottom (Bentley Brook)		
51 Borough Lane, Longdon	2005 Looking towards Beaudesert Park farmland and wooded landscapes of the plateau beyond. Upper Longdon is in the right of the frame	Dwellings on lower levels of Upper Longdon slightly more noticeable	No noticeable change	No change
52 Brereton Hill, Longdon	2005 View across rolling settled farmlands framed by woodland blocks and with wooded skyline on the elevated plateau of the AONB	No noticeable change	No noticeable change	No change
53 Rugeley Quarry (Bevins Birches)	2005 Heathland with birch woodland on the horizon. Foreground contains self-set birch and pine.	Heathland with birch woodland on the horizon – foreground vegetation mainly removed	Widespread self-set birch establishing across the heath.	Deterioration
54 Pottall Pool Quarry	2005 Active overburden strip/extraction. Quarry enclosed by plantation woodland	View of lower extraction operations limited by bracken growth in the foreground	Rough foreground bunding and vegetation limits views of extraction. Some glimpses of upper exposures, beyond which is plantation woodland.	No change
55 Oldacre	2005 Open heath with patches of self- set birch. Large areas of bracken evident, and deer lawns. Woodland mainly restricted to valley bottom, scattered small scrub on top of plateau but tops are mainly open. Distant view to Staffordshire Plain beyond.	Slight increase in woodland cover and larger shrubs, reduction in bracken and corresponding increase in heather.	More wooded appearance due to increase in self-set birch, and plateau tops now quite dense with tree and scrub cover with well-established fringe of gorse. Risk of further encroachment onto heath	Deterioration

Viewpoint	Condition trend	Reason
number	2004-2022	
1	No change	
2	N/A	
3		
4	No change	Crowth of woodland observing distant views
	Deterioration	Growth of woodland obscuring distant views
5	Deterioration	Growth of scrub and birch obscuring view
6	Improvement	Pine removal opening up views
7	No change	
8	Deterioration	Tree and scrub growth obscuring views
9	No change	
10	No change	
11	No change	
12	Deterioration	Growth of plantation obscuring distant views
13A	Deterioration	Tree growth obscuring middle and distant views
13B	Deterioration	Tree and scrub growth obscuring views
14	No change	
15A	No change	
15B	No change	
16A	No change	
16B	Deterioration	Vegetation growth (hedge and tree) progressively filtering views
17A	No change	
17B	No change	
18	No change	
19	Deterioration	Vegetation growth obscuring views
20	No change	
20	Deterioration	Introduction of tape fencing for horses
22	Deterioration	Reduction of habitat diversity/conversion to improved pasture
22	No change	
23	Deterioration	Visual intrusion of new housing development
24	Deterioration	Subdivision of fields with horse fencing and associated paraphernalia
		Scrub removal and pasture improvement, and introduction of new
26	Deterioration	fencing
27A	Deterioration	Vegetation growth obscuring views
27B	Deterioration	Vegetation growth obscuring views
28	No change	
29	Deterioration	Birch and rowan growth on heathland
30	Deterioration	Openness of parkland reduced with stock fencing and other paraphernalia
31A	No change	
31B	No change	
32	No change	
33	No change	
34	No change	
35	No change	
36	No change	
37	No change	
38	No change	
39	No change	
40	No change	
40	No change	
41	No change	
42	-	
43	No change	
	No change	
45	No change	
46	Deterioration	Unauthorised developed in view

Appendix 13. Fixed point photography, reasons for landscape change

47	Deterioration	Tape fencing for horses subdividing fields	
48	No change		
49	No change		
50	Deterioration	Introduction of tape and timber fencing for horses	
51	No change		
52	No change		
53	Deterioration	Widespread self-sown birch on heathland	
54	No change		
55	Deterioration	Widespread self-sown birch on heathland	

Appendix 14. Protected areas for the historic environment

Scheduled Monuments		
Name	Description	Area within AONB (ha)
Castle Ring, A Multivallate Hillfort and Medieval Hunting Lodge (1014687)	Castle Ring is the earthwork and buried remains of an irregular pentagonal-shaped, Iron Age hill fort and a small medieval hunting lodge. Castle Ring marks the highest point within the NL and is a prominent feature in the landscape. The hunting lodge is thought to be a medieval building of high social status, and is known to have been in existence during the rule of Henry II, but was was abandoned early in his reign.	7.74
Essex Bridge, Great Haywood	Essex Bridge is an example of a particularly long and largely un-altered multi-span bridge. Dating back to at least the 17th century, this structure would have originally been used for pedestrians and packhorses, and is probably the longest surviving former packhorse bridge in England. The bridge is also listed as a Grade I listed building.	0.15
Moated site 160m south-west of St Michael and All Angels' Church	The monument includes a slightly raised grass-covered island which is rectangular in shape. The 10m moat is seasonally waterlogged and partly silted.	0.76
Moated site and bloomery in Courtbanks Covert	This medieval monument is an example of a moated site enclosing an island surviving as earthwork and buried archaeological deposits. The absence of development on the site means that the monument is likely to contain archaeological and environmental deposits. These would enhance understanding of the use of the medieval monument and medieval society.	2.08
Saucer barrow on Spring Hill	This Bronze Age saucer barrow is an oval earthen mound surrounded by a bank and ditch. The monument is not known to have been excavated and will contain undisturbed archaeological deposits as the mound is in generally good condition.	0.12
Terrain Model of Messines	The monument is a scale terrain model of the First World War battleground at Messines Ridge in Belgium. Built by the New Zealand Rifle Brigade in 1918 for training, the monument has since been covered over. The site is of importance as it is the only known terrain model constructed in England for training purposes during the Great War. The model is in good condition and not vulnerable to degradation, with the potential to enhance understanding of Great War tactics as well as serving as an important reminder of New Zealand's contribution to the war efforts.	0.15
World War I instruction model of a trench system, and associated earthwork and building remains 850m north west of Fairoak Cottages, Cannock Chase	The monument includes the earthworks and buried remains of a trench model, depicting a typical trench system in WWI at the former army camp of Rugeley?. A building that served as a Brigade Office is also included in the scheduling. Its importance as a monument comes from the rarity of such trench models that have survived in good condition, being virtually complete.	0.28

Registered Parks and Gardens				
Name	Grade	Description	Area within AONB (ha)	
Shugborough	Ι	A large parkland area in the north of the AONB. Designed in the mid to late C18 with buildings in the Chinese and Greek Revival styles, associated with a country house. The formal garden	269	

		layout by W A Nesfield dates from c 1855. Management of Shugborough was transferred to the National Trust in 2017, after being leased by Staffordshire County Council since 1966.	
German Military Cemetery	I	This site was established in Cannock Chase in 1967 as a location for the graves of German and Austrian military personnel and civilians who died in both World Wars. There are also graves and memorials for people from New Zealand, Poland and Britain present at the site. The cemetery is maintained by the Commonwealth War Graves Commission.	2.6

Conservation Areas			
Name	Description	Area	Area within the AONB (Ha)
Colwich and Little Haywood	Colwich and Little Haywood are two small villages in the north of Cannock Chase AONB with surviving historic buildings, mature trees, historic boundaries and dramatic views of Cannock Chase.	17.8	0.9
Great Haywood and Shugborough	Great Haywood is a linear village with a large concentration of historic buildings. Shugborough is a large area of parkland with frequent mature trees, landmark bridges and a collection of monuments and structures.	326.8	313.4
Staffordshire and Worcestershire Canal	Canal opened in 1772 that travels from south-west to north-east. Along its length are a number of historic locks and bridges, as well as groups of industrial buildings.	140.2	11.6
Tixall	A village and estate from the 16 th century which has retained a number of original features despite the destruction of Tixhall Hall.	72.1	55.1
Trent and Mersey Canal	Canal opened in 1771, traveling west to east. Along its length are a number of historic locks and bridges, as well as groups of industrial buildings.	199.8	6.2

Listed bui	ildings			
HER Unique Identifier	National Heritage List Number	Name	Grade	Туре
DST1899	1079631	1 to 4 Trent Lane	П	Terrace
DST1854	1258545	Bank Top Farmhouse	П	Farmhouse
DST1701	1258825	Barn south-east of Wolseley Arms	П	Timber Framed Barn
DST3880	1248669	Beaudesert Hall Remains	П	Bishops Palace / Country House
DST1882	1258276	Bottle Lodge	П	Lodge
DST2606	1277661	Boundary Stone at NGR SK 026 164	П	Boundary Stone
DST2605	1060224	Boundary Stone at NGR SK 027 165	П	Boundary Stone
DST2123	1396554	Boundary Stone on the north bank of Rising Brook (Approximately 75 metres south-east of Dutton's Pool)	11	Boundary Stone
DST2124	1396541	Boundary Stone on the south bank of Rising Brook (Approximately 75 metres south-east of Dutton's Pool)	11	Boundary Stone
DST1849	1116688	Brocton Hall	П	Country House
DST1910	1358641	Cat's Monument at Shugborough Hall to north of the house	Ш	Animal Memorial
DST2358	1344601	Chaseley	П	Workhouse

DST1908	1358640	Chinese House at Shugborough Hall	1	Garden Building
DST1926	1258304	Church of John the Baptist	11	Parish Church
DST1934	1243167	Church of St Stephen		Church
DST3898	1248897	Cottage immediately west of Shaver's Lane		Timber Framed House
DST1888	1273506	Dairy Bridge		Bridge
DST1000	1065771	Dark Lantern at Shugborough Hall	1	Folly
DST1907	1079641	Doric Temple at Shugborough Hall	1	Garden Temple
DST1907	1116692	Dovecote at Brocton Hall	 	Dovecote
DST1903	1079635	Essex Bridge	1	Bridge
DST1903	1258625	Farmhouse of Shugborough Park Farm	*	Farmhouse
DST1921	1065772	Footbridge at Shugborough Hall		Footbridge
DST1920	1079643	Fountain at Shugborough Hall		Ornamental Fountain
DST1909	1079642	Garden Bridge at Shugborough Hall		Ornamental Bridge
DST3896	1277681	Grand Lodge		Lodge
DST3781	1374116	Hatherton Hall		Country House
DST1930	1258843	Hay Barn and Cottages	*	Hay Barn / House (Cottage)
DST1889	1258302	Holdiford Bridge (over River Sow)		Bridge
DST1927	1258844	K6 Telephone Kiosk (near church)	Ш	Telephone Box
DST1924	1065773	Lichfield Drive Railway Bridge		Railway Bridge
DST1913	1065769	Lichfield Lodges		Lodge
DST1703	1116590	Lodge to Shugborough Hall at Little Haywood	Ш	Lodge
DST1874	1116738	Milford Hall	Ш	Country House
DST1933	1273403	North Range of outbuildings of Shugborough Park Farm	Ш	Cow House
DST3903	1249026	Number 78 (Russell's Bank)		Farmhouse
DST3904	1248903	Number 76 (Russen's bank) Numbers 67 (The Gables) and 69		House (Cottage)
DST1884	1248903	Obelisk		Milestone
	1079639			
DST1919		Outbuildings		Stable / Service Wing
DST1906	1079640	Ruins at Shugborough Hall		Folly
DST1850	1116745	Ruins to Northwest of Brocton Hall (formerly listed as Ruins near Brocton Hall)	П	Arch
DST1850	1374124	Shepherd's Monument at Shugborough Hall	*	Garden Ornament
DST1911				
DS11904	1079637	Shugborough Hall South Range of outbuilding of Shugborough Park		Country House
DST1928	1273324	Farm	*	Farm Building
DST1878	1258272	Stabling at Tixall	Ш	Stable
DST1877	1116739	Stafford Lodges	Ш	Lodge
DST1917	1374128	Stafford Wood Lodge	Ш	Lodge
DST1912	1065768	Temple Of The Winds at Shugborough Hall to North East of the House	*	Octagonal Temple
DST1853	1116694	The Black and White Cottage	11	Timber Framed House
DST1852	1116693	The Cottage	11	Timber Framed House
DST1876	1258142	The Gatehouse	1	Gatehouse
DST2357	1060246	The Holly Bush		Inn
DST2356	1178279	The Stone House		House
DST1922	1258143	The Temple or Rotunda (formerly listed as The Temple or Rotunda at Ingestre in the Civil Parish of Ingestre)		Garden Temple

DST1887	1258301	Tixall Cottage	П	Estate Cottage
DST1898	1319868	Trent House	П	House
DST1923	1242632	Trent Lodge at Shugborough Park	П	Lodge
DST1915	1039140	Triumphal Arch at Shugborough Hall	1	Triumphal Arch
DST1914	1065770	Tunnel Entrances in Shugborough Park	П	Railway Tunnel
DST1855	1258546	Village Farmhouse	П	Farmhouse
DST1929	1273250	Walled Garden and Gardeners Cottage	*	Walled Garden / Bothy
DST1931	1258842	White Barn Farm	*	Threshing Barn / Farm Buildings
		Windmill Tower approximately 50 yards north-west		
DST3905	1249033	of the Windmill Inn	П	Windmill / Tower Mill
DST1709	1258550	Wolseley Bridge Tea Rooms and associated buildings	П	Timber Framed House

Appendix 15. Listed Building asset types

Listed building – asset type	Number
Animal memorial	1
Arch	1
Bishops Palace / country house	1
Boundary stone	4
Bridge	3
Church	1
Country house	4
Cow house	1
Estate cottage	1
Farm building	1
Farmhouse	4
Folly	2
Footbridge	1
Garden building	1
Garden ornament	1
Garden temple	2
Gatehouse	1
Hay barn / house (cottage)	1
House	3
Inn	1
Lodge	7
Milestone	1
Octagonal temple	1
Ornamental bridge	1
Ornamental fountain	1
Parish church	1
Railway bridge	1
Railway tunnel	1
Stable	2
Telephone box	1
Terrace	1
Threshing barn / farm buildings	1
Timber framed house / barn	5
Triumphal arch	1
Walled garden / bothy	1
Windmill / tower mill	1
Workhouse	1

Appendix 16. Historic Environment Record Entries

Archaeological Sites / Monuments	928
Findspots	18
Veteran Trees Total	247 1283

Cannock Chase National Landscape Partnership

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