



# **Monitoring Change in Priority Habitats, Priority Species and Designated Areas**

**For Local Plan  
Annual Monitoring Reports**

**2019/20 (including breakdown by district)**

**Basingstoke and Deane**

**Eastleigh**

**Fareham**

**Gosport**

**Havant**

**Portsmouth**

**Winchester**

Produced by

**Hampshire Biodiversity Information Centre**

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# 1 Biodiversity Monitoring in Hampshire

## 1.1 Background

The Localism Act 2011 requires every local authority to produce an Annual Monitoring Report containing information on a number of topics including the progress and effectiveness of the Local Plan, and the extent to which the planning policies set out in the Local Plan documents are being achieved. This can include policies covering biodiversity and nature conservation.

This is important to enable communities and interested parties to be aware of progress.

In addition, the National Planning Policy Framework (Section 174) states that to protect and enhance biodiversity and geodiversity, plans should:

- a) Identify, map and safeguard components of local wildlife-rich habitats.....
- b) Promote the conservation and enhancement of priority habitats, ecological networks and the protection and recovery of priority species....

The Hampshire Biodiversity Information Centre (HBIC) provides comprehensive information relating to biodiversity in Hampshire, working in partnership with both data users and data providers for public benefit. HBIC can monitor and measure change (gains and losses) in areas of designated sites and habitats by district/borough/unitary through the information it gathers and maintains on a Geographic Information System (GIS). HBIC can also provide information on species distribution and trends across Hampshire through the data it holds on behalf of its partner species recording groups and in consultation with them.

This report continues, as in previous years, to provide annual statistics to local authorities in order to record and monitor changes in priority habitats, designated sites and selected notable species.

## 1.2 Explanatory Notes

**1.2.1 Mapping change in extent of priority habitat:** The full extent of priority habitats in Hampshire is not fully known - and may never be fully known due to the dynamic state of our countryside and the difficulties of obtaining access to many areas. HBIC is working with its funding partners to improve information on Priority habitat extent and condition through the Hampshire Habitat Survey Programme and from other survey data that becomes available. This information is used by HBIC to maintain a GIS layer mapping the extent of broad and priority habitats in Hampshire.

Any 'gains' in Priority habitat can be due to additional unknown habitat being discovered, by habitat restoration or creation, or re-interpretation of old survey data.

Reasons for change are logged in the habitat data capture tool in the GIS. HBIC also logs changes to SINCs which has been recently re-surveyed. These can include losses of Priority habitat to development or agricultural improvement. Reasons are set out in the detailed District chapters of the report.

HBIC, along with many other local environmental records centres, has translated its habitat data into a classification system called IHS (Integrated Habitat System). It is not a straightforward 1:1 translation from the previous Phase 1 habitat categories into IHS and there will continue to be changes to the baseline which are solely due to the on-going re-

interpretation of old survey into IHS.

More importantly, the Habitat GIS dataset has been converted into the OS MasterMap framework resulting in an increase in number of polygons from c80,000 to over several million. This new dataset requires careful on-going validation and tidying up of what was essentially an automated process, particularly as new datasets are incorporated from other organisations. As the OS MasterMap version used is now quite old an upgrade to the latest version is underway which will lead to further changes in habitat/land-use statistic, for example, newly developed areas and new woodland plantings will be plugged into the habitat layer. This update is taking longer than predicted and so the habitats layer has been frozen for just over a year since June 2019 – hence why the habitat figures in this report have not changed hugely

The habitat dataset is used for all HBIC's work; for data requests, screening planning applications etc., and for the production of the annual monitoring report.

Aside from the upgrade using the latest version of OS MasterMap, for most Priority habitats there will continue to be small changes in extent, as a result of new field survey or aerial photographic interpretation. For coastal habitats there may still be some more significant changes in extent which are summarised below and have been referred to in previous monitoring reports:

**Coastal salt marsh & Intertidal mudflats** - all salt marsh data mapped by HBIC was overwritten with EA data during the 2011-12 period with a resulting 50% 'loss' of saltmarsh - where much of it had been re-interpreted as 'intertidal mudflats'. The two figures should therefore be treated together until such time as the data can be validated against more recent aerial photographs. It appears that the interpretation in the western Solent was accurate and agreed with HBIC's data whilst the eastern half was very patchy in its accuracy with less salt marsh being visible (AP taken at high water).

The checking/re-interpretation of the EA coastal data is being undertaken as and when time allows.

**1.2.2. Revised UK List of Priority Habitats:** A further 16 Priority habitats were added to the UK List (NERC S41 list) during the 2011-12 period. For Hampshire, this includes 'Traditional Orchards' and 'Open mosaic habitats on previously developed land', along with an expansion in scope and definition of 'Hedgerows', 'Ponds' and 'Rivers'. A set of traditional orchard polygons created by the People's Trust for Endangered Species with funding from Natural England is currently being ground truthed by HBIC before being added to the GIS dataset. Similarly, for a reed bed dataset produced by the RSPB.

**1.2.3 Mapping change in priority habitat extent due to development:** As mentioned, it is difficult to identify changes in habitat extent or species status that have occurred solely due to the impact of development, particularly within a given year, without further resources. A GIS layer of the boundaries of all completed planning permissions from the previous year would be needed, which would need to show the actual footprint of each development plus any mitigation measures, or restoration/ re-creation opportunities in order to predict any losses or gains in biodiversity. Meanwhile, the reasons for any changes in habitat extent observed from field survey are being logged but may often be due to development or some other land use change which has occurred since the last survey - which may be up to 10-20 years ago. Updating the habitat layer with the new OS MasterMap will help as will future efforts to secure and map “measurable” biodiversity net gain as set out in the NPPF

**1.2.4 Assessment of changes in SSSI condition:** The condition of priority habitats is mostly limited to those habitats designated as Sites of Special Scientific Interest (SSSIs) and for a small number of SINCs that may be surveyed in any one year. Natural England carry out

condition assessments on SSSIs on a rolling programme with some input from HBIC surveys. Information on the SSSI condition assessment is available from Natural England on the MAGIC website for the reporting period and has, for this report, been summarised at the precise District level.

**1.2.5 Mapping changes in Sites of Importance for Nature Conservation:** HBIC has responsibility for proposing, mapping and monitoring SINC, and for maintaining an up-to-date GIS layer on behalf of the local planning authorities. HBIC's SINC database records new SINC, deleted SINC and any amendments to individual SINC, including minor changes to boundaries as a result of more precise snapping to OS MasterMap. Many of the amendments and deletions will relate to changes that may have occurred many years before the sites were re-surveyed but were only recorded and approved during this reporting period - the same applies to mapping changes in habitat extent.

It should be noted that the data within this report excludes sites which have been approved for SINC status by the SINC Advisory Panel but which remain as candidate SINC due to objections from landowners who wish to submit their own evidence to the Panel. They are however shown on GIS updates to partners as Candidate SINC. Any changes to SINC during the 2019-20 period are described in full in the detailed District chapters.

**1.2.6 Mapping change in species populations:** HBIC holds over 7 million species records for Hampshire, a number that is increasing rapidly, as technology for on-line recording improves. Whilst it can be difficult to detect species trends at the County level, let alone at a district level, a suite of 50 species have been chosen for which there appears to be good data and for which there is wide geographic spread. **It has been agreed that population trends for the 50 species should only be gathered every 5 years. The next review will be undertaken for the 2012-2022 period in 2022.** See Section 8.

**1.2.7 Source/date for habitat and designations data:** All statistics are based on the HBIC GIS layers archived at the end of March 2019 and March 2020 except for the SINC data which is derived from the SINC database once Panel approval has been given in March 2020 and the GIS layer updated in June 2020.

**1.2.8 The New Forest:** The New Forest National Park Authority area (which includes a small part of Test Valley and Wiltshire) and the New Forest District Council area are treated separately.

**1.2.9 The South Downs National Park:** Only part of the SDNP lies within Hampshire, therefore separate analysis has not been done for that part of the national park.

Further explanatory notes and a brief summary of trends are given at the end of some of the tables.



## 2 Priority habitats

Table 1: Extent of Priority habitats in Hampshire (as at 31st March 2020)

Priority Habitat	Comments on Status	BDBC	EBC	EHDC	FBC	GBC	HDC	HvBC	NFDC	NFNPA	PCC	RBC	SCC	TVBC	WCC	Total Area (ha)	% of total Hants area	2018/19 Total area (ha)	Change in area (ha)
<b>Grasslands</b>																			
<b>Lowland Calcareous Grassland</b>	Comprehensive	227		333	16		3	4	285	0	55		1	757	360	2,041	0.5	2,052	-11
<b>Lowland Dry Acid Grassland</b>	Comprehensive. Some overlap with Lowland Heath	24	1	167	6	10	192	21	40	3,053	7	70	2	65	9	3,667	0.9	3,676	-9
<b>Lowland Meadows</b>	Comprehensive. Some overlap with Coastal and Floodplain Grazing Marsh and with Wood-Pasture and Parkland.	151	33	95	23	20	109	32	179	273	20	27	27	128	289	1,406	0.4	1,398	8
<b>Purple Moor Grass and Rush Pastures</b>	Comprehensive. Some overlap with Coastal and Floodplain Grazing Marsh.	38	32	20	4	1	136	5	28	1,044		16	1	136	86	1,547	0.4	1,525	22
<b>Heathlands</b>																			
<b>Lowland Heathland</b>	Comprehensive. Some overlap with Lowland Dry Acid Grassland.	180	16	692	2	4	268	1	605	9,932		106	2	19	2	11,829	3.1	11,833	-4



Priority Habitat	Comments on Status	BDBC	EBC	EHDC	FBC	GBC	HDC	HvBC	NFDC	NFNPA	PCC	RBC	SCC	TVBC	WCC	Total Area (ha)	% of total Hants area	2018/19 Total area (ha)	Change in area (ha)
<b>Woodland, wood-pasture and parkland</b>																			
<b>Lowland Beech and Yew Woodland</b>	Not complete. On-going work to distinguish from Lowland Mixed Deciduous Woodland.	8.7	0.7	116.3			0.4		2.2	88.3			0.1	49.8	35.4	301.0	0.1	284	17
<b>Lowland Mixed Deciduous Woodland</b>	Ongoing work as all ancient and non ancient woodland has been included yet not all surveyed for qualifying NVC types.	6,266	519	5,588	455	74	2,626	195	1,593	6,667	8	277	274	5,831	6,106	36,479	9.4	36,514	-35
<b>Wet Woodland</b>	Fairly complete. Areas will exist in LMDW that have not yet been surveyed for qualifying types	420	156	216	54	22	145	36	67	498	1	68	61	184	237	2,165	0.6	2,089	76
<b>Wood-Pasture and Parkland</b>	Not complete. Further work needed to classify all remaining habitat within historic parkland.	522	2	25	22	15	228	15	4	4,412	10		65	105	119	5,544	1.4	5,548	-4

Priority Habitat	Comments on Status	BDBC	EBC	EHDC	FBC	GBC	HDC	HvBC	NFDC	NFNPA	PCC	RBC	SCC	TVBC	WCC	Total Area (ha)	% of total Hants area	2018/19 Total area (ha)	Change in area (ha)
<b>Arable, orchards and hedgerows</b>																			
<b>Arable Field Margins</b>	Incomplete. Figures only show SINC's on arable land designated for rare arable plant assemblages.	[27.4]	[0.0]	[12.5]	[0.0]	[0.0]	[5.0]	[22.5]	[0.8]	[0.0]	[0.0]	[0.0]	[0.0]	[23.5]	[2.2]	[93.9]	0.0	[92]	0
<b>Hedgerows</b>	No comprehensive information for Priority hedgerows. All hedgerows mapped as linear features (km)	[2,712]	[301]	[2,134]	[265]	[25]	[919]	[200]	[2,104]	[1,922]	[66]	[11]	[12]	[2,741]	[3,036]	[16,448]	n/a	[16,448]	0
<b>Traditional Orchards</b>	Work to be undertaken to incorporate areas identified by PTES under contract to NE.		0.3		0.1									0.4		0.8	0.0	1	0
<b>Open waters</b>																			
<b>Eutrophic Standing Waters</b>	No comprehensive information yet available.	0.1	0.1		1.1	1.9			34.5			0.4	0.4	8.4		45.0	0.0	46	0.3
<b>Rivers</b>	Incomplete data. Approx. figures for Chalk Rivers only. Calculated from EA's River GIS layer (km).	[101]	[24]	[25]	[11]	[0]	[63]	[0]	[74]	[15]	[0]	[0]	[19]	[182]	[118]	[629]	n/a	[629]	0



Priority Habitat	Comments on Status	BDBC	EBC	EHDC	FBC	GBC	HDC	HvBC	NFDC	NFNPA	PCC	RBC	SCC	TVBC	WCC	Total Area (ha)	% of total Hants area	2018/19 Total area (ha)	Change in area (ha)
<b>Wetlands</b>																			
<b>Coastal and Floodplain Grazing Marsh</b>	Work ongoing to verify all qualifying grazing marsh. Some overlap with Lowland Meadows and with Purple Moor Grass and Rush Pastures.	798	322	700	339	59	838	170	1,511	1,398	89	31	19	1,941	1,198	9,413	2.4	9,413	0
<b>Lowland Fens</b>	Comprehensive.	3		18		0	11		9	1,849				3	5	1,898	0.5	1,899	-1
<b>Reedbeds</b>	Not complete	2.0	9.3		48.4	14.5	0.7	1.9	41.0	57.4	20.8	0.1	3.9	45.5	9.9	254.0	0.1	252	2
<b>Coastal</b>																			
<b>Coastal saltmarsh</b>	EA data partly verified.		29		30	28		211	158	375	59		2	2	2	896	0.2	897	-1
<b>Coastal Sand Dunes</b>	Comprehensive.		0.1		0.0	0.4		39.7	2.1	5.3	0.3		0.2			47.0	0.0	47	0
<b>Coastal Vegetated Shingle</b>	Comprehensive.		3.4		11.9	62.6		46.7	20.5	49.1	21.2		2.7			218.0	0.1	218	0
<b>Intertidal mudflats</b>	EA data partly verified.		136		271	111		1,410	408	854	1,138		129		6	4,463	1.2	4,460	3
<b>Maritime Cliff and Slopes</b>	Comprehensive.				1.4			0.8	36.9	2.9						42.0	0.0	43	-1
<b>Saline lagoons</b>	Comprehensive.				1.2	9.5		4.5	3.3	32.4	3.6		0.0			55.0	0.0	54	0.4
<b>Marine</b>																			
<b>Seagrass beds</b>	Not Comprehensive. Separate HWT data available.							45.6			3.3					49.0	0.0	49	0
<b>Total</b>		<b>8,640</b>	<b>1,260</b>	<b>7,970</b>	<b>1,286</b>	<b>433</b>	<b>4,557</b>	<b>2,239</b>	<b>5,027</b>	<b>30,590</b>	<b>1,436</b>	<b>595</b>	<b>590</b>	<b>9,275</b>	<b>8,464</b>	<b>82,359</b>	<b>21.0</b>	<b>82,297</b>	<b>62</b>



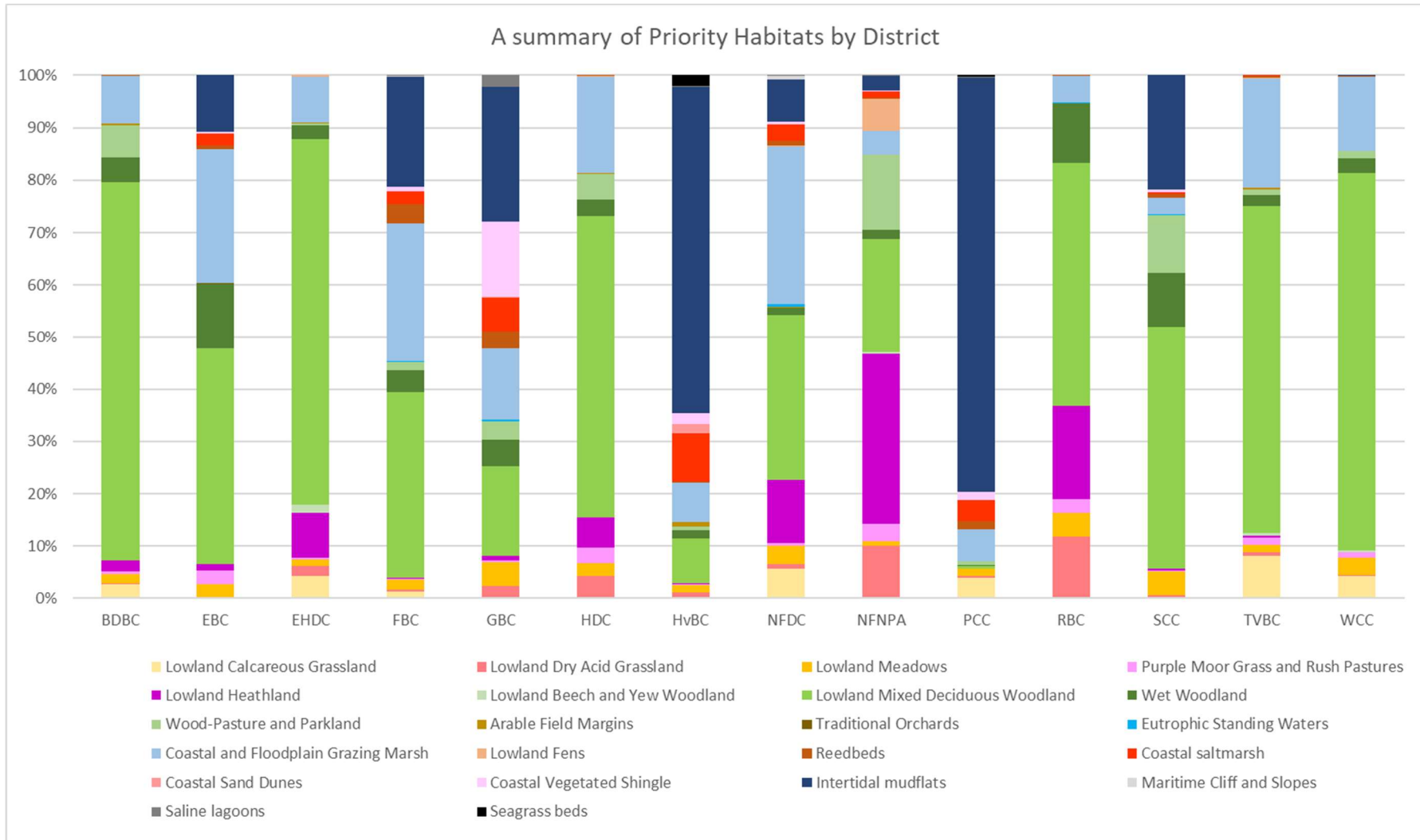
**Notes:**

1. The extent of Priority habitat remains at 21% of the total area of Hampshire and the New Forest National Park area.
2. The Combined total area of Hampshire (to LWM) & NF National Park is 388,467 ha.
3. The Hampshire and LPA totals of Priority habitat are the sum of the individual Priority habitat types (excluding Arable Field Margins, Hedgerows and Rivers). This is not the total area of land covered by Priority habitat within Hampshire and each LPA because some Priority habitat types overlap and hence are double counted (e.g. Floodplain Grazing Marsh may overlap Lowland Meadows or Purple Moor Grass and Rush Pastures).
4. Salt-marsh and inter-tidal mudflat figures should be added together for the time being.
5. Very minor changes in area might not always reflect real change because of the rounding of figures.
6. The rounding of figures may also not reflect the more detailed figures given in the District accounts.
7. Changes in Priority Habitat areas are a result of new survey information whereby the changes may have taken place over a long period of time, anything between 5 and 20 years or when the last survey was undertaken, or may have been a re-interpretation of data. For example:

Examples of losses and gains recorded over the past year include:

- Changes of Lowland Mixed Deciduous Woodland to Wet Woodland such as at Gundymoor Wood.
- Loss of Acid Grassland and Purple Moor Grass & Rush Pasture to Lowland Mixed Deciduous Woodland and Wet Woodland at Havant Thicket
- Gain in Purple Moor Grass & Rush Pasture at Winnal Moors from previously unclassified
- Loss of Lowland Calcareous Grassland (to rank grassland) at Noar Hill SSSI and Burghclere Beacon SSSI due to lack of grazing
- Increase in Lowland Meadow at RNAD Bedenham and loss of Lowland Meadow at 'Whiteley Meadow 3' to Rush pasture. Note: This latter area has now been developed and will be recorded as a loss in next year's report.

**Figure 1 A summary of the relative proportions of Priority Habitat within each District/Unitary**



### 3 Nature Conservation Designations

**Table 2: Extent of Nature Conservation Designations in Hampshire (as at 31st March 2020)**

Designation	BDBC (ha)	EBC (ha)	EHDC (ha)	FBC (ha)	GBC (ha)	HDC (ha)	HvBC (ha)	NFDC (ha)	NFNPA (ha)	PCC (ha)	RBC (ha)	SCC (ha)	TVBC (ha)	WCC (ha)	Total area (ha)	% of Hants	2018/19 Total area (ha)	Change in area (ha)
<b>LNR</b>	245	242	338	418	40	76	218	32	416	118	2	48	102	103	2,398	0.62	2,388	10
<b>NNR</b>	23		358	120		31		339	1,199					103	2,173	0.56	2,173	0
<b>RAMSAR</b>		184		540	165		2,430	1,629	30,151	1,708		111	52	23	36,993	9.52	36,993	0
<b>SAC</b>		296	1,540	195	4		2,269	614	30,641	542		20	788	182	37,091	9.55	37,091	0
<b>SPA</b>		184	1,757	527	161	2,099	2,430	1,626	30,121	1,708	451	111	599	23	41,797	10.76	41,797	0
<b>SSSI</b>	806	427	2,710	563	265	2,696	2,677	2,571	32,189	1,787	471	216	1,868	1,313	50,559	13.02	50,559	0
<b>Stat Sites Combined</b>	861	641	2,812	749	277	2,724	2,716	2,523	32,265	1,788	474	251	1,927	1,365	51,373	<b>13.22</b>	51,372	<b>1</b>
<b>SINC</b>	6,249	821	6,169	610	373	2,036	882	2,453	3,042	342	477	424	5,652	6,536	36,066	<b>9.21</b>	35,968	<b>98</b>

**Notes:**

1. There was one new LNR, 'Wildern', designated during 2019/20 within Eastleigh Borough
2. The statutory sites data was downloaded from Natural England on 1st April, so the data has been considered to be as at 31st March 2020
3. The figures do not include the marine pSPA 'Solent and Dorset Coast' as it includes mainly open water habitat
4. A total of 15 new SINCS were approved by the SINC panel and designated during 2019/20. 2 SINCS were deleted. The net increase in overall SINC area was 97.94ha
5. The area totals for 'Statutory sites combined' do not equal the total for each of the individual statutory site designations for each district because there is often an overlap between statutory designations.

## 4 Priority habitats within Designated Sites

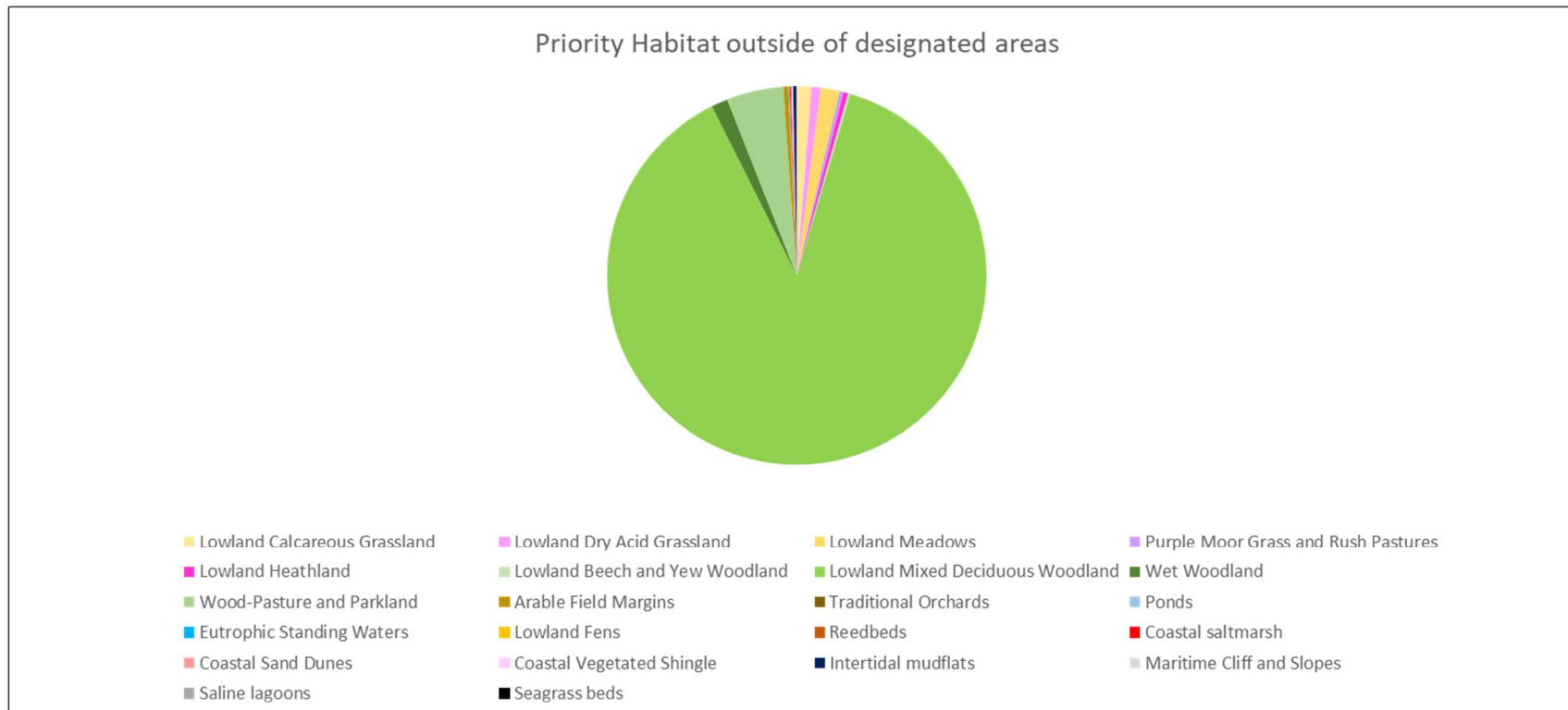
**Table 3: Extent of Priority habitats within Designated Sites in Hampshire (as at 31st March 2020)**

Designated Sites	BDBC (ha)	EBC (ha)	EHDC (ha)	FBC (ha)	GBC (ha)	HDC (ha)	HvBC (ha)	NFDC (ha)	NFNPA (ha)	PCC (ha)	RBC (ha)	SCC (ha)	TVBC (ha)	WCC (ha)	Total area (ha)	% of total Priority Habitat	2018/19 Total area (ha)	Change area (ha)
Priority habitat within Statutory sites combined	637	443	1,493	587	227	1,207	1,813	1,994	25,701	1,323	156	249	1,418	1,017	38,265	46.46	38,263	2
Priority habitat within SINC	4,316	522	3,344	401	149	1,355	308	1,612	1,833	173	233	257	3,688	3,861	22,052	26.78	22,004	48
<b>Total combined</b>	<b>4,929</b>	<b>916</b>	<b>4,791</b>	<b>907</b>	<b>366</b>	<b>2,537</b>	<b>2,110</b>	<b>3,435</b>	<b>27,525</b>	<b>1,379</b>	<b>385</b>	<b>492</b>	<b>4,948</b>	<b>4,832</b>	<b>59,552</b>	<b>72.31</b>	<b>59,478</b>	<b>74</b>
<b>% of total Priority Habitat covered by all designations</b>	<b>57</b>	<b>73</b>	<b>60</b>	<b>70</b>	<b>85</b>	<b>56</b>	<b>94</b>	<b>68</b>	<b>90</b>	<b>96</b>	<b>65</b>	<b>83</b>	<b>53</b>	<b>57</b>	<b>72</b>			

### Notes:

1. The total area of Habitat in Hampshire (to LWM) & NF National Park = 82,359 ha.
2. The area totals for 'Total combined' designated sites do not equal the sum of the 'statutory sites combined' and 'SINC' figures for each district and the total for Hampshire because there is some overlap between statutory designated sites and SINC.

**Figure 2: Extent of Priority Habitat lying outside Designated Sites (as at 31<sup>st</sup> March 2020)**



**Note:** This chart shows the amount of Priority Habitat which would benefit from initial or updated field survey to confirm whether it still meets the priority habitat definition and would qualify for SINC designation. The majority (88%) comprises mixed deciduous woodland so targeting the rarer non-woodland habitats (c2,000ha) would be beneficial and more achievable.



## 5 Condition of Sites of Special Scientific Interest (SSSIs)

Table 4: Condition of Sites of Special Scientific Interest (SSSIs) in Hampshire (as at 31st March 2020)

District	Favourable		Unfavourable Recovering		Unfavourable No Change		Unfavourable Declining		Part Destroyed		Destroyed		Grand Total
	Area (ha)	Area (%)	Area (ha)	Area (%)	Area (ha)	Area (%)	Area (ha)	Area (%)	Area (ha)	Area (%)	Area (ha)	Area (%)	Area (ha)
<b>Basingstoke &amp; Deane</b>	500	61.99%	241	29.92%	60	7.49%	5	0.6%					<b>806</b>
<b>Eastleigh</b>	197	46.19%	145	33.91%	84	19.68%					1	0.22%	<b>427</b>
<b>East Hampshire</b>	1,413	52.14%	1,292	47.65%	3	0.12%	2	0.08%					<b>2,710</b>
<b>Fareham</b>	242	42.97%	151	26.81%	165	29.39%	5	0.84%					<b>563</b>
<b>Gosport District</b>	57	21.34%	82	30.91%	120	45.33%	2	0.74%			4	1.68%	<b>265</b>
<b>Hart</b>	494	18.33%	2,053	76.14%	10	0.36%	133	4.93%	6	0.24%			<b>2,696</b>
<b>Havant</b>	47	1.77%	1,695	63.32%	63	2.34%	872	32.57%					<b>2,677</b>
<b>New Forest District</b>	1,154	44.88%	1,193	46.4%	176	6.83%	49	1.89%					<b>2,572</b>
<b>New Forest NP</b>	17,130	53.22%	13,563	42.14%	985	3.06%	508	1.58%			2	0.01%	<b>32,188</b>
<b>Portsmouth</b>	170	9.53%	869	48.62%	746	41.75%					2	0.1%	<b>1,787</b>
<b>Rushmoor</b>	72	15.34%	393	83.37%		0%	6	1.29%					<b>471</b>
<b>Southampton</b>	111	51.28%	102	47.29%	3	1.43%							<b>216</b>
<b>Test Valley</b>	357	19.14%	1,302	69.71%	191	10.21%	18	0.94%					<b>1,868</b>
<b>Winchester</b>	410	31.24%	637	48.5%	182	13.85%	76	5.81%			8	0.59%	<b>1,313</b>
<b>Grand Total</b>	<b>22,354</b>	<b>44.2%</b>	<b>23,718</b>	<b>46.9%</b>	<b>2,788</b>	<b>5.5%</b>	<b>1,676</b>	<b>3.3%</b>	<b>6</b>	<b>0%</b>	<b>17</b>	<b>0%</b>	<b>50,559</b>

**Summary:**

1. The total amount of SSSI in Hampshire in 'Favourable' or 'Unfavourable Recovering' condition now lies at 91.1%, **a decrease of 2.0%** from 2018-19 following on a decrease of 4.1% the previous year.
2. The areas classified in Hart have increased from last year because of the recent additional assessment of Butter Wood SSSI. There was no assessment available for that site last year.
3. The total amount of SSSI in each District may differ from Natural England figures because NE do not always assign separate portions of SSSIs to the correct District; where the majority of a SSSI occurs within another District (and hence is assigned to that District) HBIC will clip the SSSI management units exactly to the District boundaries.
4. There are minor discrepancies in totals for LPA area compared to the LPA detailed tables because of different rounding levels.

**Table 5: Percentages for SSSIs in Favourable and Unfavourable Recovering condition in Hampshire (as at 31st March 2020)**

District	%SSSI in 'Favourable' or 'Unfavourable Recovering' condition		
	2018/19	2019/20	Change
<b>Basingstoke &amp; Deane</b>	90.78%	91.91%	1.13%
<b>Eastleigh</b>	80.11%	80.11%	0%
<b>East Hampshire</b>	99.79%	99.79%	0%
<b>Fareham</b>	69.77%	69.77%	0%
<b>Gosport District</b>	52.25%	52.25%	0%
<b>Hart</b>	91.66%	94.48%	2.82%
<b>Havant</b>	97.66%	65.09%	-32.57%
<b>New Forest District</b>	92.52%	91.28%	-1.24%
<b>New Forest NP</b>	95.54%	95.35%	-0.19%
<b>Portsmouth</b>	58.15%	58.15%	0%
<b>Rushmoor</b>	98.72%	98.71%	-0.01%
<b>Southampton</b>	98.57%	98.57%	0%
<b>Test Valley</b>	88.85%	88.85%	0%
<b>Winchester</b>	79.74%	79.74%	0%
<b>Total</b>	<b>93.08%</b>	<b>91.13%</b>	<b>-1.95%</b>

**Summary:**

1. There was a large reduction in the area classed as 'Favourable and Unfavourable Recovering' in Havant due to a recent re-assessment of the condition of the mudflats in Chichester Harbour SSSI becoming 'Unfavourable Declining'. This is not dissimilar to the reclassification of the mudflats in Langstone and Portsmouth Harbours SSSIs (for Portsmouth and Gosport) where reassessments last year downgraded them to 'unfavourable no change' due to ongoing eutrophication and growth of dense macroalgae mats
2. For Winchester, much of the River Itchen continues to be assessed as 'Unfavourable no change' as it fails on phosphates, macrophyte diversity and bank vegetation.

Information on the condition assessment of Hampshire's SSSIs can be found at <https://designatedsites.naturalengland.org.uk/>

## 6 SINC changes observed and recorded

Table 6: Extent of changes observed and recorded between 1st April 2019 and 31st March 2020

District	SINCs (31/03/2019)		SINCs (31/03/2020)		New SINCs		Amended SINCs		Deleted SINCs		Net change		
	Number	Area (ha)	Number	Area (ha)	Number	Area (ha)	Number	Area (ha)	Number	Area (ha)	Number	Area (ha)	% change in area
<b>BDBC</b>	809	6,227.38	815	6,248.60	6	20.17	6	1.05			6	21.22	0.34
<b>EBC</b>	150	821.04	150	821.04			1	0.00			0	0.00	0.00
<b>EHDC</b>	573	6,169.41	573	6,169.16			2	-0.25			0	-0.25	0.00
<b>FBC</b>	110	609.85	110	609.85							0	0.00	0.00
<b>GBC</b>	39	373.29	39	373.29							0	0.00	0.00
<b>HDC</b>	282	2,028.28	283	2,036.14	1	7.03	2	0.83			1	7.86	0.39
<b>HvBC</b>	145	881.97	145	881.97			1	0.00			0	0.00	0.00
<b>NFDC</b>	234	2,455.26	233	2,452.69			2	-1.28	1	-1.29	-1	-2.57	-0.10
<b>NFPA</b>	395	3,045.84	396	3,042.45	1	0.22	5	-3.61			1	-3.39	-0.11
<b>PCC</b>	27	341.66	27	341.62			1	-0.04			0	-0.04	-0.01
<b>RBC</b>	42	474.15	43	477.47	1	3.32	1	0.00			1	3.32	0.70
<b>SCC</b>	49	425.87	49	424.23			4	-1.64			0	-1.64	-0.39
<b>TVBC</b>	585	5,588.01	588	5,652.00	4	11.63	4	53.29	1	-0.93	3	63.99	1.15
<b>WCC</b>	692	6,526.85	694	6,536.29	2	8.75	10	0.69			2	9.44	0.14
<b>Total</b>	<b>4132</b>	<b>35,968.87</b>	<b>4145</b>	<b>36,066.81</b>	<b>15</b>	<b>51.12</b>	<b>39</b>	<b>49.04</b>	<b>2</b>	<b>-2.22</b>	<b>13</b>	<b>97.94</b>	<b>2.10</b>

**Summary:**

1. There were 15 new SINC's approved by the SINC panel during 2019-20 resulting in an extra 51ha designated.
2. There were 2 SINC's approved for deletion by the SINC panel during 2019-20 with a loss of about -2ha.
3. See individual District tables for details of new and deleted SINC's and major amendments to SINC's.
4. Amended SINC's contain SINC's with significant changes in size and/or changes in the criteria.

## 7. SINC in Positive Management (SD 160) - No longer reported on

## 8 Changes in Priority Species trends 2010 to 2020

*Note: For the year to 31<sup>st</sup> March 2020 any change in status in the 50 species is as reported for the 2007-2017 period and will next be updated for the 2012 to 2022 period. See below*

### Background

Part of this Monitoring report is to present data on the population and distribution trends for a representative sample of 50 of Hampshire's notable species over a rolling ten-year period, to be revisited every 5 years.

The original core output indicator as requested in government guidance on local authority performance was to measure change in status of species as a result of impact from planning and development. This is not an obtainable figure as the majority of change is due to on-going and cumulative impacts of agricultural practice, climate change, urbanisation, disturbance from recreation etc. Data will simple be presented as a change observed in population status and distribution with statements to explain any change.

### Selection of Species

An agreed list of 50 notable species was drawn following consultation in 2006 with the statutory agencies, local authorities and species recording groups in Hampshire. The 50 species are listed in the tables below and cover a range of taxonomic groups; they are representative of the various habitat types present in Hampshire; cover both rural and urban areas; and are relevant to most local authority areas.

Of the 50 species, 30 are UK Priority species and are listed on S41 of the NERC Act 2006, the remainder are on the Hampshire Notables list. Rarer species were excluded on the basis they have such a restricted distribution that their relevance to the reporting process would be fairly limited. The bias towards vascular plants, birds and Lepidoptera reflects the large datasets that already exist for these groups and the ongoing programme of data acquisition. These groups are also sensitive indicators of environmental change and are being used by Government agencies and various NGOs for their reporting purposes.

### Criteria for Selection

The criterion for selection of species was as follows:

1. Individual species must be on the Hampshire Notables list.
2. They should be representative of a wide range of taxonomic groups.
3. They should be representative of a wide range of UK Priority habitats in Hampshire.
4. Species chosen should have a reasonable distribution (i.e. not just one or two sites)
5. A significant proportion of the species chosen should be found in each District.
6. Species chosen should be sensitive to change (planning, agriculture, climate etc.)
7. Species selected are primarily those for which good data exists, obtained either annually, or through periodic (e.g. 3 year/ 5 year) survey programmes
8. A good number of the selected species are flagship species with wide public interest.

### Change in population status

For consistency, the categories used to report on population status have not changed over the past 11 years and match those categories previously used by Defra for national reporting:

- Increasing
- Stable
- Declining\* (slowing)
- Declining\*\* (continuing/accelerating)
- Decline? (possibly stabilising?)
- Fluctuating/ no clear trend
- Lost
- Unknown/insufficient data

In 2006 the Hampshire Biodiversity Information Centre (HBIC) compiled a baseline set of statistics for the previous ten-year period (1995-2005) for the 50 species consultation with the species recording groups in Hampshire,

Up until 2012 HBIC has reported annually on the changes observed over the previous rolling 10-year period. **However, since 2013 it was decided to report back every 5 years** on the basis that it was too difficult to pick out long term trends in population numbers against short term impacts such as extra cold winters, very wet spring etc. particularly for some of the more under-recorded species. Plus, many major surveys for particular species are often repeated in a comprehensive manner on 5-year intervals rather than every year.

**For the year to 31<sup>st</sup> March 2020 any change in status in the 50 species is as reported for the 2007-2017 period** and summarised in Table 8 (penultimate column). From this table the percentage of species in each of the categories is calculated and shown as pie charts in section 8.3.

**NB** Those trends shown in [ ] brackets are where HBIC have made a judgment based on available data, national trends and previous judgments.

### Changes in Distribution by District

See Table 9. A new analysis has been done of all 2010-2020 records by District.

The species count for most Authorities has remained relatively stable with one or two losing or gaining a species. Many species remain at low or declining populations.



### 8.1 Population Trends of the 50 Hampshire Notable Species

Table 8: Population Trends of Hampshire Notable Species (N = 50) from 2008 to 2018

† UK Priority Species (S41 NERC Act)

Scientific name	Common name	Group	HBAP (Vol.2) 2000	Trend 1995-2005 (assessed 2006)	Trend 2000-2010 (assessed 2011)	Trend 2002-2012 (assessed 2013)	Trend 2007-2017 (ass. Oct 2017)	Trend 2009-2019 as for 2007-2017
<i>Triturus cristatus</i> †	great crested newt	Amphibian	Decline	Decline	Decline**	Decline**	Decline**	Decline** <sup>1</sup>
<i>Bombus humilis</i> †	brown-band. carder bee	Bee	Decline	Unknown	[Increase]	[Increase]	[Stable]	[Stable]
<i>Lucanus cervus</i> †	stag beetle	Beetle	Decline	Stable	[Stable]	[Stable]	[Stable]	[Stable] <sup>2</sup>
<i>Alauda arvensis</i> †	skylark	Bird	Decline	Decline*	Stable	Decline	Decline	Decline
<i>Branta b. bernicla</i> †	dark-bellied Brent goose	Bird	Stable	Decline*	Decline	Stable	Stable	Stable
<i>Caprimulgus europ.</i> †	nightjar	Bird	Stable	Increase	Stable	Stable	Stable	Stable
<i>Lullula arborea</i> †	woodlark	Bird	Increasing	Increase	Stable	Stable	Stable	Stable
<i>Luscinia megarhyn.</i>	nightingale	Bird	Decline	Decline?	Decline	Decline	Decline	Decline**
<i>Miliaria calandra</i> †	corn bunting	Bird	Rapid Decline	Decline**	Decline	Decline	Decline	Decline
<i>Perdix perdix</i> †	grey partridge	Bird	Rapid Decline	Decline**	Decline	Decline	Decline	Decline
<i>Pyrrhula pyrrhula</i> †	bullfinch	Bird	Decline	Stable	Stable	Decline	Stable	Stable
<i>Streptopelia turtur</i> †	turtle dove	Bird	Rapid Decline	Decline**	Decline	Decline	Decline	Decline
<i>Sylvia undata</i>	Dartford warbler	Bird	Stable	Increase	Decline	Increase	Increase	Increase <sup>3</sup>
<i>Tringa totanus</i>	redshank	Bird	Rapid Decline	Decline**	Decline	Decline	Decline	Decline
<i>Vanellus vanellus</i> †	lapwing	Bird	Rapid Decline	Stable	Decline	Decline	Decline	Decline
<i>Argynnis paphia</i>	silver-washed fritillary	Butterfly	Stable	Stable	Increase	[Increase}	Increase	Increase
<i>Cupido minimus</i> †	small blue	Butterfly	Rapid Decline	Decline*	Decline*	[Decline*]	Fluctuating	Fluctuating
<i>Hamearis lucina</i> †	Duke of Burgundy	Butterfly	Decline	Decline**	Decline*	[Decline*}	Decline**	Decline**

<sup>1</sup> The national status of Great Crested Newt is still thought to be **Decline (continuing)** and that this applies on a county level.

<sup>2</sup> <http://www.iucnredlist.org/details/157554/3>

<sup>3</sup> Dartford Warbler was shown as declining because of the 95% reduction in its population in the Thames Basin and Wealden Heaths as a result of the recent cold winters. Prior to that it was increasing and was showing a slow recovery from a low base in the North East of the county. *However, the 2018 ‘Beast from the East’ again decimated populations in many areas.*



Scientific name	Common name	Group	HBAP (Vol.2) 2000	Trend 1995-2005 (assessed 2006)	Trend 2000-2010 (assessed 2011)	Trend 2002-2012 (assessed 2013)	Trend 2007-2017 (ass. Oct 2017)	Trend 2009-2019 as for 2007-2017
<i>Hesperia comma</i>	silver-spotted skipper	Butterfly	Stable	Increase	Fluctuating	[Stable]	Decline	Decline <sup>4</sup>
<i>Lysandra coridon</i>	chalkhill blue	Butterfly	Decline	Fluctuating	Fluctuating	{Stable}	Fluctuating	Fluctuating
<i>Plebejus argus</i> †	silver-studded blue	Butterfly	Decline	Stable	Stable	[Stable]	Stable	Stable <sup>5</sup>
<i>Gammarus insensibilis</i> †	lagoon sand shrimp	Crustacean	Decline	Unknown	Unknown	[Unknown]	[Stable]	[Stable <sup>6</sup> ]
<i>Coenagrion mercuriale</i> †	southern damselfly	Dragonfly	Stable	Stable	Stable	[Stable]	Declining	Declining <sup>7</sup>
<i>Asilus crabroniformis</i> †	hornet robberfly	Fly	Decline	Stable	[Stable]	[Stable]	[Stable]	[Stable]
<i>Carex divisa</i> †	divided sedge	Flw Plant	Stable	Stable	[Stable]	Stable	Decline**	Decline**
<i>Chamaemelum nobile</i> †	chamomile	Flw Plant	Decline	Stable	[Stable]	Stable	Decline*	Decline* <sup>8</sup>
<i>Epipactis phyllanthes</i>	green fl.helleborine	Flw Plant	Decline	Stable	[Decline?]	Decline	Decline**	Decline**
<i>Gentiana pneumon.</i>	marsh gentian	Flw Plant	Decline	Stable	[Unknown]	Fluctuating	Fluctuating	Fluctuating
<i>Juniperus communis</i> †	juniper	Flw Plant	Decline	Decline*	[Decline]	Decline	Decline**	Decline**
<i>Lithospermum arvense</i>	corn gromwell	Flw Plant	Rapid Decline	Decline*	[Decline]	Decline	Decline*	Decline*
<i>Orchis morio</i>	green-winged orchid	Flw Plant	Rapid Decline	Decline*	[Decline]	Decline	Decline*	Decline*
<i>Pulicaria vulgaris</i> †	small fleabane	Flw Plant	Stable	Stable	[Decline]	Fluctuating	Fluctuating	Fluctuating <sup>9</sup>
<i>Pulmonaria longifolia</i>	narrow leaved lungwort	Flw Plant	Decline	Stable	[Decline]	Decline	Decline**	Decline**
<i>Oenanthe fluviatilis</i>	river water-dropwort	Flw Plant	Rapid Decline	Stable	[Decline]	Decline*	Decline*	Decline*
<i>Thesium humifusum</i>	bastard toadflax	Flw Plant	Decline	Stable	[Stable]	Stable	Decline**	Decline**

<sup>4</sup> Following range expansion and recolonisation of several new sites in the late 1990s, the Silver-spotted Skipper has had mixed fortunes over recent years. Warm, wet summers and a decline in rabbit pressure at several key sites resulted in increased turf heights in late summer leading to sub-optimal conditions for this short-turf specialist.

<sup>5</sup> Whilst the overall situation for Silver-studded Blue appears stable, there are growing concerns that overgrazing in parts of the New Forest (particularly round the edges) is causing a decline in numbers and local population loss in smaller habitat patches.

<sup>6</sup> Trends were previously based on a 1997 survey of the Hampshire saline lagoons. A Natural England funded survey of all lagoons in 2013 recorded its presence in saline lagoons at Farlington Marshes (new) and Gilkicker Lagoon, with multiple records within the lagoons at Pennington Marshes. The data was obtained from the NBN Atlas.

<sup>7</sup> UK picture [http://jncc.defra.gov.uk/pdf/Article17Consult\\_20131010/S1044\\_UK.pdf](http://jncc.defra.gov.uk/pdf/Article17Consult_20131010/S1044_UK.pdf)

<sup>8</sup> Decline is marked outside the New Forest, where populations are probably stable.

<sup>9</sup> Now extinct in VC12 North Hampshire

Scientific name	Common name	Group	HBAP (Vol.2) 2000	Trend 1995-2005 (assessed 2006)	Trend 2000-2010 (assessed 2011)	Trend 2002-2012 (assessed 2013)	Trend 2007-2017 (ass. Oct 2017)	Trend 2009-2019 as for 2007-2017
<i>Zostera marina</i>	eelgrass	Flw Plant	Decline	Unknown	Stable	[Stable]	Stable	Stable <sup>10</sup>
<i>Poronia punctata †</i>	nail fungus	Fungi	Stable	Stable	Stable	Stable	Declining	Declining <sup>11</sup>
<i>Gomphocerippus rufus</i>	rufous grasshopper	Grasshoppe	Stable	Unknown	[Unknown]	[Unknown}	[Stable]	[Stable]
<i>Arvicola terrestris †</i>	water vole	Mammal	Rapid Decline	Stable	Stable	[Stable}	Stable	Stable <sup>12</sup>
<i>Eptesicus serotinus</i>	Serotine bat	Mammal	Stable	Decline**	[Decline]	Stable	Decline?	Decline? <sup>13</sup>
<i>Lepus europaeus †</i>	brown hare	Mammal	Decline	Stable	Stable	[Stable]	Stable	Stable
<i>Muscardinus avellan †</i>	dormouse	Mammal	Decline	Stable	Stable	[Stable]	Decline*	Decline* <sup>14</sup>
<i>Vertigo moulinsiana †</i>	Desmoulin's whorl snail	Molluscs	Stable?	Stable	Stable	Stable	[Stable]	[Stable]
<i>Apoda limacodes</i>	festoon	Moth	Decline	Increase	[stable]	Stable	Increase	Increase
<i>Catocala promissa †</i>	light crimson underwing	Moth	Stable	Stable	[Stable]	Stable	Stable	Stable
<i>Hemaris fuciformis</i>	broad-bord. bee hawk	Moth	Decline	Stable	[Stable]	Fluctuating	Fluctuating	Fluctuating
<i>Hypena rostralis</i>	buttoned snout	Moth	Decline	Increase	[Stable]	Stable	Increase	Increase
<i>Minoa murinata †</i>	drab looper	Moth	Decline	Stable	[Stable]	Stable	Decline	Decline
<i>Shargacucullia lychnitis †</i>	striped lychnis	Moth	Stable	Stable	[Stable]	Stable	Stable	Stable
<i>Coronella austriaca †</i>	smooth snake	Reptile	Decline	Stable	Unknown	Unknown	Unknown	Unknown <sup>15</sup>

<sup>10</sup> Repeat surveys on selected eelgrass beds carried out by HIWWT and the EA suggest these beds are stable. However, there are thought to be local declines in some areas as a result of physical disturbance from fishing activity, which has been highlighted by the Defra European Marine Sites Risk Review for the Solent EMS.

<sup>11</sup> UK picture [http://iucn.ekoo.se/iucn/species\\_view/198420/](http://iucn.ekoo.se/iucn/species_view/198420/)

<sup>12</sup> Water voles in Hampshire may be considered to be showing a slight trend upward, coupled with several recent and successful reintroduction programmes.

<sup>13</sup> HBG are aware of fewer maternity roosts in Hampshire. However, while recorder effort is increasing, is still too low to indicate any clear trends. National Bat Monitoring Programme records trends from 1999 to 2016 show the maternity roost count figure is a decline of 1.3% (a decline of 19.9% over the whole period).

<sup>14</sup> Although many new records have come to light during the last ten years, several of the continuing monitoring programmes have shown a marked decrease in activity and presence, not only in Hampshire but also the neighbouring counties.

<sup>15</sup> The New Forest Smooth Snake Survey Group has been running a surveillance project since 2015 to assist with regional conservation status

## 8.2 Distribution of the 50 Hampshire Notable Species

**Table 9: Distribution of Hampshire Species (N=50) from 2009 to 2019**

ScientificName	CommonName	Group	Districts														
			B	EH	E	F	G	Ht	Hv	ND	NP	P	R	S	T	W	
Triturus cristatus	Great CrestedNewt	Amphib	✓	✓	✓	✓	✓	✓	✓	▪	✓	✓	▪	▪	✓	✓	✓
Bombus humilis *	Brown-band.carder bee	Bees	▪	▪	▪	✓	✓	▪	✓	▪	▪	✓	▪	✓	▪	✓	✓
Lucanus cervus	Stag Beetle	Beetles	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Alauda arvensis	Skylark	Birds	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Branta bernicla bernicla	Dark-bellied Brent Goose	Birds	▪	✓	✓	✓	✓	▪	✓	✓	✓	✓	▪	✓	✓	✓	
Caprimulgus europ.	Nightjar	Birds	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Lullula arborea	Woodlark	Birds	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Luscinia megarhynchos	Nightingale	Birds	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Emberiza calandra	Corn Bunting	Birds	✓	✓	▪	✓	▪	✓	✓	×	✓	▪	▪	✓	✓		
Perdix perdix	Grey Partridge	Birds	✓	✓	✓	✓	▪	✓	✓	✓	✓	▪	✓	✓	✓		
Pyrrhula pyrrhula	Bullfinch	Birds	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Streptopelia turtur	Turtle Dove	Birds	✓	✓	✓	✓	✓	✓	✓	✓	✓	×	✓	✓	✓		
Sylvia undata	Dartford Warbler	Birds	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Tringa totanus	Redshank	Birds	✓	✓	✓	✓	✓	✓	✓	✓	✓	▪	✓	✓	✓		
Vanellus vanellus	Lapwing	Birds	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Argynnis paphia	Silver-washed Fritillary	Butterflies	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Cupido minimus	Small Blue	Butterflies	✓	✓	✓	✓	✓	▪	✓	✓	✓	✓	✓	✓	✓		
Hamearis lucina	Duke of Burgundy	Butterflies	✓	✓	▪	▪	▪	▪	▪	✓	✓	▪	▪	▪	✓		
Hesperia comma	Silver-spotted Skipper	Butterflies	▪	✓	▪	▪	▪	▪	▪	✓	▪	▪	▪	▪	✓		
Lysandra coridon	Chalk Hill Blue	Butterflies	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Plebejus argus	Silver-studded Blue	Butterflies	✓	✓	✓	✓	✓	✓	▪	✓	✓	✓	✓	▪	✓		
Gammarus insensibilis*	lagoon sand shrimp	Crustacea	▪	▪	▪	▪	✓	▪	▪	▪	✓	✓	▪	▪	▪		
Coenagrion mercuriale	Southern Damselfly	Dragonflies	▪	▪	✓	▪	▪	▪	▪	✓	✓	▪	▪	▪	×		
Asilus crabroniformis*	Hornet Robberfly	Flies	▪	✓	▪	▪	▪	▪	▪	✓	✓	▪	▪	▪	✓		
Carex divisa	Divided Sedge	Flw Plants	▪	✓	▪	✓	✓	▪	✓	✓	✓	▪	✓	✓	▪		
Chamaemelum nobile	Chamomile	Flw Plants	✓	✓	▪	✓	✓	✓	✓	✓	✓	✓	▪	✓	✓		
Epipactis phyllanthes	Green-flowered Helleborine	Flw Plants	✓	✓	✓	▪	▪	✓	▪	✓	▪	▪	✓	✓	✓		



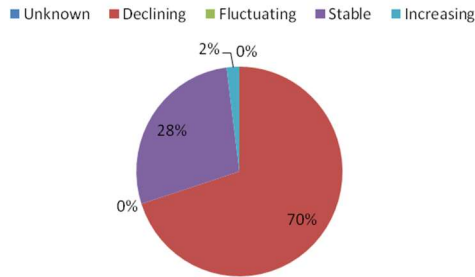
			B	EH	E	F	G	Ht	Hv	ND	NP	P	R	S	T	W
<i>Gentiana pneumonanthe</i>	Marsh Gentian	Flw Plants	▪	▪	▪	▪	▪	✓	▪	▪	✓	▪	▪	▪	×	▪
<i>Juniperus communis</i>	Juniper	Flw Plants	✓	✓	▪	✓	▪	▪	▪	✓	✓	✓	▪	▪	✓	✓
<i>Lithospermum arvense</i>	Field Gromwell	Flw Plants	✓	✓	▪	▪	▪	▪	▪	✓	▪	▪	▪	▪	✓	✓
<i>Oenanthe fluviatilis</i>	River Water-dropwort	Flw Plants	▪	▪	✓	▪	▪	▪	▪	▪	✓	▪	▪	✓	✓	✓
<i>Orchis morio</i>	Green-winged Orchid	Flw Plants	✓	✓	▪	▪	✓	▪	✓	✓	✓	▪	✓	✓	✓	✓
<i>Pulicaria vulgaris</i>	Small Fleabane	Flw Plants	▪	▪	▪	▪	▪	▪	▪	✓	✓	▪	▪	▪	▪	▪
<i>Pulmonaria longifolia</i>	Narrow-leaved Lungwort	Flw Plants	▪	▪	▪	▪	▪	▪	▪	✓	✓	▪	▪	▪	▪	▪
<i>Thesium humifusum</i>	Bastard-toadflax	Flw Plants	▪	▪	▪	✓	▪	▪	✓	✓	▪	✓	▪	▪	✓	✓
<i>Zostera marina/noltii</i>	Eelgrass	Flw Plants	▪	▪	▪	✓	✓	▪	✓	▪	✓	✓	▪	▪	▪	▪
<i>Poronia punctata</i>	Nail Fungus	Fungi	▪	▪	▪	▪	▪	▪	▪	▪	✓	▪	▪	▪	▪	▪
<i>Gomphocerippus rufus</i>	Rufous grasshopper	Grasshoppers	▪	✓	▪	▪	▪	▪	▪	▪	▪	▪	▪	▪	▪	✓
<i>Arvicola terrestris</i>	European Water Vole	Mammals	✓	▪	✓	✓	✓	✓	✓	✓	✓	✓	▪	✓	✓	✓
<i>Eptesicus serotinus</i>	Serotine	Mammals	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<i>Lepus europaeus</i>	Brown Hare	Mammals	✓	✓	✓	✓	▪	✓	✓	✓	✓	✓	▪	▪	✓	✓
<i>Muscardinus avellan.</i>	Hazel Dormouse	Mammals	✓	✓	✓	✓	▪	✓	✓	✓	✓	▪	▪	✓	✓	✓
<i>Vertigo moulinsiana</i>	Desmoulin's whorl snail	Molluscs	▪	▪	▪	▪	▪	▪	▪	▪	▪	▪	▪	▪	▪	▪
<i>Apoda limacodes</i>	Festoon	Moths	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<i>Catocala promissa</i>	Light Crimson Underwing	Moths	▪	▪	▪	▪	▪	▪	▪	✓	✓	✓	▪	▪	✓	✓
<i>Hemaris fuciformis</i>	Broad-bord. Bee Hawk-moth	Moths	✓	✓	▪	▪	✓	▪	▪	✓	✓	▪	✓	▪	✓	✓
<i>Hypena rostralis</i>	Buttoned Snout	Moths	✓	✓	✓	✓	▪	▪	✓	✓	✓	✓	✓	✓	✓	✓
<i>Minoa murinata</i>	Drab Looper	Moths	✓	▪	▪	▪	▪	✓	▪	✓	▪	▪	▪	▪	✓	✓
<i>Shargacucullia lychnitis</i>	Striped Lychnis	Moths	✓	✓	▪	✓	▪	✓	▪	▪	▪	▪	▪	▪	✓	✓
<i>Coronella austriaca</i>	Smooth Snake	Reptiles	▪	✓	▪	▪	▪	✓	▪	✓	✓	▪	▪	▪	▪	▪
<b>Total</b>			<b>32</b>	<b>36</b>	<b>26</b>	<b>31</b>	<b>26</b>	<b>27</b>	<b>27</b>	<b>41</b>	<b>40</b>	<b>30</b>	<b>19</b>	<b>25</b>	<b>39</b>	<b>41</b>
<b>Previous total</b>			<b>32</b>	<b>36</b>	<b>25</b>	<b>30</b>	<b>24</b>	<b>27</b>	<b>27</b>	<b>41</b>	<b>40</b>	<b>30</b>	<b>20</b>	<b>25</b>	<b>39</b>	<b>41</b>

1. '✓' means the species occurs in the District (2008-2018), from records held by HBIC and those received from the species groups. 'Occurs' means possible/confirmed breeding or regular sightings in the area. Irregular or transient records are discounted where possible or given '✓' where 3 or less records. '✓' means new record (or returning) and 'x' means no longer falls within reporting period or an erroneous record if highlighted
2. B = Basingstoke & Deane, EH = East Hampshire, E = Eastleigh, F = Fareham, G = Gosport, Ht = Hart, Hv = Havant, ND = New Forest District, NP = New Forest NPA, P = Portsmouth, R = Rushmoor, S = Southampton, T = Test Valley, W = Winchester
3. The data for the Lagoon sand shrimp was obtained from the NBN Atlas from a Natural England funded survey of all lagoons in 2013.

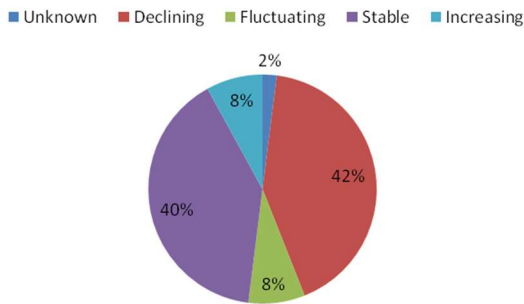
### 8.3 Summary of trends for the 50 Hampshire Notable Species – assessed in 2017 for the period 2007 – 2017.

To be next reviewed in 2022 for the 2012-2022 period

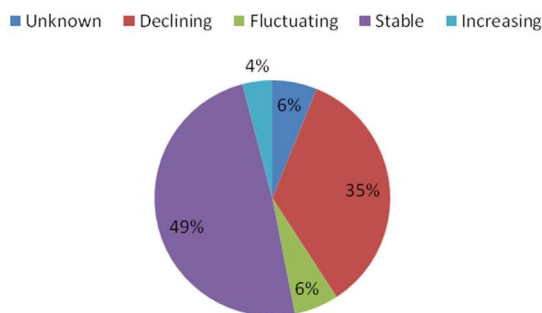
#### 1. Assessed from Hampshire BAP 2000



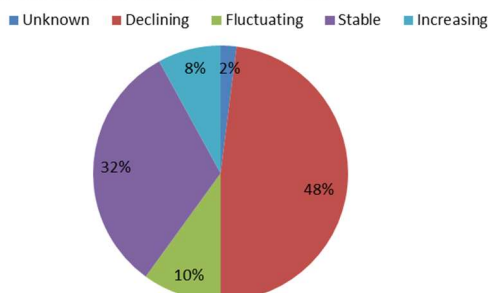
#### 2. Assessed trends for 1995-2005



#### 3. Assessed trends for 2002-2012



#### 4. Assessed trends for 2007-2017



### Summary

The last decade has seen rates of decline increase again for several of Hampshire’s notable species especially the nightingale There are also concerns that “Stable” for many species means stabilised at low (still vulnerable) levels, rather than stabilising at a higher more sustainable level.

Since the last report for 2002-2012 **the number of species showing a decline has increased from 35% to 48%**, whilst one species has remained in the ‘unknown’ category where there is uncertainty due it being the first year of a new survey

The next review will be undertaken in 2022 for the 2012-2022 period.

## 09 Basingstoke and Deane Borough Council

### 09.1 Priority habitats

Table 09A: Extent of Priority habitats (as at 31st March 2020)

Priority Habitat	Comments on Status	Combined Hants area (ha)	% of Combined Hants area	BDBC area (ha)	% of BDBC area	2018/19 BDBC area (ha)	Change in area (ha)
<b>Grasslands</b>							
Lowland Calcareous Grassland	Comprehensive	2,041	0.53	227	0.36	231	-4
Lowland Dry Acid Grassland	Comprehensive. Some overlap with Lowland Heath	3,667	0.94	24	0.04	24	0
Lowland Meadows	Comprehensive. Some overlap with Coastal and Floodplain Grazing Marsh and with Wood-Pasture and Parkland.	1,406	0.36	151	0.24	148	3
Purple Moor Grass and Rush Pastures	Comprehensive. Some overlap with Coastal and Floodplain Grazing Marsh.	1,547	0.40	38	0.06	38	0
<b>Heathlands</b>							
Lowland Heathland	Comprehensive. Some overlap with Lowland Dry Acid Grassland.	11,829	3.05	180	0.28	180	0
<b>Woodland, wood-pasture and parkland</b>							
Lowland Beech and Yew Woodland	Not comprehensive. Ongoing work to distinguish from Lowland Mixed Deciduous Woodland.	301	0.08	8.7	0.01	9	0
Lowland Mixed Deciduous Woodland	Ongoing work as all ancient/ non ancient woodland has been included yet not all has been surveyed for qualifying NVC types.	36,479	9.39	6,266	9.89	6,269	-3
Wet Woodland	Fairly comprehensive. Areas will exist in LMDW that are not yet surveyed for qualifying types.	2,165	0.56	420	0.66	419	1
Wood-Pasture and Parkland	Not comprehensive. Further work needed to classify this habitat within historic parkland.	5,544	1.43	522	0.82	522	0

Priority Habitat	Comments on Status	Combined Hants area (ha)	% of Combined Hants area	BDBC area (ha)	% of BDBC area	2018/19 BDBC area (ha)	Change in area (ha)
<b>Arable, orchards and hedgerows</b>							
<b>Arable Field Margins</b>	Incomplete. Figures only show SINC's on arable land designated for rare arable plant assemblages.	[94]	[0.02]	[27.4]	[0.04]	[27.4]	[0]
<b>Hedgerows</b>	No comprehensive information for Priority hedgerows. All hedgerows mapped as linear features (km).	[16,448]	n/a	[2,712]	n/a	[2,712]	[0]
<b>Traditional Orchards</b>	Work to be undertaken to incorporate areas recently identified by PTES under contract to NE.	0.8	0.00				
<b>Open waters</b>							
<b>Eutrophic Standing Waters</b>	No comprehensive information yet available.	45	0.01	0.1	0.00	0	0
<b>Rivers</b>	Incomplete data. Approx. figures for Chalk Rivers only calculated from EA's River GIS layer (km).	[629]	n/a	[101]	n/a	[101]	[0]
<b>Wetlands</b>							
<b>Coastal and Floodplain Grazing Marsh</b>	Work ongoing to verify all qualifying grazing marsh. Some overlap with Lowland Meadows and with Purple Moor Grass and Rush Pastures.	9,413	2.42	798	1.26	799	-1
<b>Lowland Fens</b>	Comprehensive.	1,898	0.49	3	0.00	3	0
<b>Reedbeds</b>	Not comprehensive.	254	0.07	2.0	0.00	2	0
<b>Total</b>		<b>76,589</b>	<b>19.72</b>	<b>8,640</b>	<b>13.63</b>	<b>8,644</b>	<b>-4</b>

**Summary:**

A small loss overall in Priority habitat of 4ha.

**Notes:**

1. Coastal and Marine categories are not displayed (as they are not relevant for this district) but the combined total area for Hampshire includes these categories.
2. The Hampshire and district totals of Priority habitat are the sum of the individual Priority habitat types (excluding Arable Field Margins and Rivers). This is not the total area of land covered by Priority habitat within Hampshire and each district because some Priority habitat types overlap and hence are double counted (e.g. Coastal and Floodplain Grazing Marsh may overlap Lowland Meadows or Purple Moor Grass and Rush Pastures).
3. Because the total area of Priority habitat may include areas where habitats overlap the % of the district area covered by Priority habitat may be slightly over-exaggerated.
4. Minor changes in area might not always reflect real change but are results of a rounding of figures.



## 09.2 Nature Conservation Designations

**Table 09B: Extent of Nature Conservation Designations (as at 31st March 2020)**

Designation	Combined Hants sites (no)	Combined Hants area (ha)	Combined Hants area (%)	BDBC sites (no)	BDBC area (ha)	BDBC area (%)	2018/19 BDBC area (ha)	Change (ha)
LNR	69	2,398	1	7	245	0.39	245	0
NNR	11	2,173	1	1	23	0.04	23	0
RAMSAR	6	36,993	10					
SAC	13	37,091	10					
SPA	10	41,797	11					
SSSI	131	50,559	13	20	806	1.27	806	0
Stat Sites Combined	240	51,373	13	28	861	1.36	861	0
SINC	4,145	36,066	9	815	6,249	9.86	6,227	22

### Summary:

1. There were no changes to statutory sites during 2019/20.
2. For details of any new, amended and deleted SINCs see tables 09G, H & I.

### Notes:

1. The areas total for 'Statutory sites combined' may not equal the total for each of the individual statutory site designations because there is often an overlap between statutory designations.

**Table 09C: Statutory Designated Sites (as at 31st March 2020)**

Designation	Site Name	Area (ha) within district
LNR	Chineham Woods	9.17
LNR	Daneshill Park Woods	4.43
LNR	Herbert Plantation	25.60
LNR	Pamber Forest	190.13
LNR	Popley Ponds	1.44
LNR	The Mill Field	11.68
LNR	Up Nately	2.83
NNR	Ashford Hill	23.39
SSSI	Ashford Hill Woods and Meadows	141.55
SSSI	Bere Mill Meadows	10.27
SSSI	Burghclere Beacon	80.67
SSSI	Butter Wood	45.31
SSSI	Duncroft Farm Pit	0.12
SSSI	East Aston Common	0.53
SSSI	Greenham and Crookham Commons	0.46
SSSI	Greywell Tunnel ( Basingstoke Canal )	0.11
SSSI	Highclere Park	69.58
SSSI	Hook Common and Bartley Heath	6.55
SSSI	Ladle Hill	10.50
SSSI	Mapledurwell Fen	0.42
SSSI	Micheldever Spoil Heaps	26.73
SSSI	Old Burghclere Lime Quarry	4.51
SSSI	Pamber Forest and Silchester Common	341.72
SSSI	River Test	41.86
SSSI	Ron Ward's Meadow with Tadley Pastures	11.51
SSSI	Sidley Wood	11.72
SSSI	Stanford End Mill and River Loddon	1.84
SSSI	West Woodhay Down	0.46

**09.3 Priority Habitats within Designated Sites****Table 09D: Extent of Priority habitats within Designated Sites (as at 31st March 2020)**

Designated Sites	Combined Hants area (ha)	Combined Hants area (%)	BDBC (ha)	BDBC area (%)	2018/19 BDBC area (ha)	Change area (ha)
Total combined	59,552	72.3	4,929	57.0	4,913	16

**Summary:**

1. Approx. 57% of Priority habitat in Basingstoke & Deane lies within designated sites.

**Notes:**

1. Total Priority habitat in Basingstoke & Deane as at 31st March 2020 = 8,640ha.

## 09.4 Condition of Sites of Special Scientific Interest (SSSIs)

**Table 09E: Conditions of Sites of Special Scientific Interest (SSSIs) (as at 31st March 2020)**

Condition	Combined Hants area (ha)	Combined Hants area (%)	BDBC area (ha)	BDBC area (%)	2018/19 BDBC area (ha)	Change in area (ha)
<b>Favourable</b>	22,355.61	44.2	499.88	62.0	488.77	11.11
<b>Unfavourable Recovering</b>	23,717.42	46.9	241.27	29.9	243.25	-1.98
<b>Unfavourable no Change</b>	2,788.01	5.5	60.40	7.5	30.79	29.61
<b>Unfavourable Declining</b>	1,675.13	3.3	4.85	0.6	2.87	1.98
<b>Part Destroyed</b>	6.34	0.0				
<b>Destroyed</b>	17.44	0.0				
<b>Grand Total</b>	<b>50,559.93</b>	<b>100.0</b>	<b>806.39</b>	<b>100.0</b>	<b>765.68</b>	<b>40.71</b>

### Summary:

The 'increase' in Favourable and Unfavourable areas are due to the fact that there was no condition assessment done for the SSSI 'Butter Wood' before the 2018/19 report but there is now for the 2019/20 report. The total figure is now correct for all SSSIs in the Borough

### Notes:

1. Although data has been provided by Natural England the total amount of SSSI may differ from NE figures because NE do not always assign a portion of an SSSI to the correct District where the majority of that SSSI occurs within another District, whereas HBIC are able to clip the SSSI management units directly to the District boundaries.

## 09.5 SINC changes observed and recorded

**Table 09F: Extent of changes to SINCS observed and recorded between 1st April 2019 and 31st March 2020**

SINCS	Hants sites (no)	Hants sites (area)	BDBC sites (no)	BDBC sites (area)
<b>Total sites (2018/19)</b>	4,132	35,968.87	809	6,227.38
<b>New Sites</b>	15	51.12	6	20.17
<b>Amended Sites</b>	39	49.04	6	1.05
<b>Deleted sites</b>	2	-2.22		0.00
<b>Total sites (2019/20)</b>	4,145	36,066.81	815	6,248.60
<b>Net change</b>	<b>13</b>	<b>97.94</b>	<b>6</b>	<b>21.22</b>
<b>% change in area</b>		2.10		0.34

### Notes:

1. Data extracted from HBIC SINC layer between 1st April 2019 and 31st March 2020.
2. Incorporates the decisions from November 2019 SINCS Advisory Panel.

**Table 09G: New SINC approved between 1st April 2019 and 31st March 2020**

Site Ref	Site Name	New Size (ha)	New Criteria	Panel date
BD0839	Kempshott Park	1.67	1D/2B	Nov 2019
BD0838	U11 Litchfield Junction	0.13	2B	Nov 2019
BD0837	Blackland's Farm Riverine Woodland	0.75	1Cii	Nov 2019
BD0834	Woolton Hill Glebe	1.25	5B	Nov 2019
BD0830	Blackland's Farm Marsh	14.22	5A/5B	Nov 2019
BD0829	Church Brook Meadows	2.15	5B	Nov 2019

**Table 09H: Deleted SINC approved between 1st April 2019 and 31st March 2020**

No SINC in Basingstoke and Deane Borough Council were deleted during 2019-2020.

**Table 09I: Major amendments to SINC between 1st April 2019 and 31st March 2020**

Site Ref	Site Name	Reason	Old Size (ha)	New Size (ha)	Old Criteria	New Criteria
BD0501	A339 Ringway North, Basingstoke	Lack of management	0.45	0.06	2D/6A	2D
BD0617	Land at German Road, Bramley	Development (direct or indirect)	2.12	0.9		
BD0094	Highclere Glebe	Positive management	3.09	3.74	2B/2D	2B/2D/5B
BD0711	Blacklands Farm Meadow Stream	New Survey or Information	0.2	0.3		
BD0683	Elliot's and Bells Copses	Data Correction/Reinterpretation	0.69	2.6	1A	1A/1B

## 10 Eastleigh Borough Council

### 10.1 Priority habitats

Table 10A: Extent of Priority habitats (as at 31st March 2020)

Priority Habitat	Comments on Status	Combined Hants area (ha)	% of Combined Hants area	EBC area (ha)	% of EBC area	2018/19 EBC area (ha)	Change in area (ha)
<b>Grasslands</b>							
Lowland Calcareous Grassland	Comprehensive	2,041	0.53				
Lowland Dry Acid Grassland	Comprehensive. Some overlap with Lowland Heath	3,667	0.94	1	0.01	1	0
Lowland Meadows	Comprehensive. Some overlap with Coastal and Floodplain Grazing Marsh and with Wood-Pasture and Parkland.	1,406	0.36	33	0.39	33	0
Purple Moor Grass and Rush Pastures	Comprehensive. Some overlap with Coastal and Floodplain Grazing Marsh.	1,547	0.40	32	0.38	32	0
<b>Heathlands</b>							
Lowland Heathland	Comprehensive. Some overlap with Lowland Dry Acid Grassland.	11,829	3.05	16	0.19	16	0
<b>Woodland, wood-pasture and parkland</b>							
Lowland Beech and Yew Woodland	Not comprehensive. Ongoing work to distinguish from Lowland Mixed Deciduous Woodland.	301	0.08	0.7	0.01	1	0
Lowland Mixed Deciduous Woodland	Ongoing work as all ancient/ non ancient woodland has been included yet not all has been surveyed for qualifying NVC types.	36,479	9.39	519	6.09	554	-35
Wet Woodland	Fairly comprehensive. Areas will exist in LMDW that are not yet surveyed for qualifying types.	2,165	0.56	156	1.83	122	34
Wood-Pasture and Parkland	Not comprehensive. Further work needed to classify this habitat within historic parkland.	5,544	1.43	2	0.02	3	-1
<b>Arable, orchards and hedgerows</b>							
Arable Field Margins	Incomplete. Figures only show SINCs on arable land designated for rare arable plant assemblages.	[94]	[0.02]	[0.0]	[0.00]	[0]	[0]
Hedgerows	No comprehensive information for Priority hedgerows. All hedgerows mapped as linear features (km).	[16,448]	n/a	[301]	n/a	[301]	[0]
Traditional Orchards	Work to be undertaken to incorporate areas recently identified by PTES under contract to NE.	0.8	0.00	0.3	0.00	0	0

Priority Habitat	Comments on Status	Combined Hants area (ha)	% of Combined Hants area	EBC area (ha)	% of EBC area	2018/19 EBC area (ha)	Change in area (ha)
<b>Open waters</b>							
<b>Eutrophic Standing Waters</b>	No comprehensive information yet available.	45	0.01	0.1	0.00	0	0
<b>Rivers</b>	Incomplete data. Approx. figures for Chalk Rivers only calculated from EA's River GIS layer (km).	[629]	n/a	[24]	n/a	[24]	[0]
<b>Wetlands</b>							
<b>Coastal and Floodplain Grazing Marsh</b>	Work ongoing to verify all qualifying grazing marsh. Some overlap with Lowland Meadows and with Purple Moor Grass and Rush Pastures.	9,413	2.42	322	3.78	322	0
<b>Lowland Fens</b>	Comprehensive.	1,898	0.49				
<b>Reedbeds</b>	Not comprehensive.	254	0.07	9.3	0.11	9	0
<b>Coastal</b>							
<b>Coastal saltmarsh</b>	EA data partly verified.	896	0.23	29	0.34	29	0
<b>Coastal Sand Dunes</b>	EA data partly verified.	47	0.01	0.1	0.00	0	0
<b>Coastal Vegetated Shingle</b>	Comprehensive.	218	0.06	3.4	0.04	3	0
<b>Intertidal mudflats</b>	EA data partly verified.	4,463	1.15	136	1.59	136	0
<b>Maritime Cliff and Slopes</b>	Comprehensive.	42	0.01				
<b>Saline lagoons</b>	Comprehensive.	55	0.01				
<b>Marine</b>							
<b>Seagrass beds</b>	Not comprehensive. Separate HWT data available.	49	0.01				
<b>Total</b>		<b>82,359</b>	<b>21.20</b>	<b>1,260</b>	<b>14.78</b>	<b>1,262</b>	<b>-2</b>

**Summary:**

A small loss overall in Priority habitat of 2ha.

**Notes:**

1. The Hampshire and district totals of Priority habitat are the sum of the individual Priority habitat types (excluding Arable Field Margins and Rivers). This is not the total area of land covered by Priority habitat within Hampshire and each district because some Priority habitat types overlap and hence are double counted (e.g. Coastal and Floodplain Grazing Marsh may overlap Lowland Meadows or Purple Moor Grass and Rush Pastures).
2. Because the total area of Priority habitat may include areas when habitats overlap the % of the district area covered by Priority habitat may be slightly over-exaggerated.
3. Minor changes in area might not always reflect real change but are results of a rounding of figures.

## 10.2 Nature Conservation Designations

**Table 10B: Extent of Nature Conservation Designations (as at 31st March 2020)**

Designation	Combined Hants sites (no)	Combined Hants area (ha)	Combined Hants area (%)	EBC sites (no)	EBC area (ha)	EBC area (%)	2018/19 EBC area (ha)	Change (ha)
LNR	69	2,398	1	7	242	2.84	232	10
NNR	11	2,173	1					
RAMSAR	6	36,993	10	1	184	2.16	184	0
SAC	13	37,091	10	2	296	3.47	296	0
SPA	10	41,797	11	1	184	2.16	184	0
SSSI	131	50,559	13	5	427	5.01	427	0
Stat Sites Combined	240	51,373	13	16	641	7.52	633	9
SINC	4,145	36,066	9	150	821	9.63	821	0

### Summary:

1. There was one new LNR ('Wildern' at Hedge End) designated during 2019/20.
2. For details of any new, amended and deleted SINCs see tables 10G, H & I.

### Notes:

1. The areas total for 'Statutory sites combined' may not equal the total for each of the individual statutory site designations because there is often an overlap between statutory designations.

**Table 10C: Statutory Designated Sites (as at 31st March 2020)**

Designation	Site Name	Area (ha) within district
LNR	Hackett's Marsh	20.36
LNR	Hocombe Mead	8.30
LNR	Manor Farm	144.06
LNR	Mercury Marshes	6.36
LNR	Netley Common	7.51
LNR	Westwood Woodland Park	45.68
LNR	Wildern	9.66
Ramsar	Solent & Southampton Water	184.23
SAC	River Itchen	133.70
SAC	Solent Maritime	162.50
SPA	Solent & Southampton Water	184.23
SSSI	Lee-on-the Solent to Itchen Estuary	126.97
SSSI	Lincegrove and Hackett's Marshes	37.81
SSSI	Moorgreen Meadows	14.32
SSSI	River Itchen	157.95
SSSI	Upper Hamble Estuary and Woods	90.11

### 10.3 Priority Habitats within Designated Sites

**Table 10D: Extent of Priority habitats within Designated Sites (as at 31st March 2020)**

Designated Sites	Combined Hants area (ha)	Combined Hants area (%)	EBC (ha)	EBC area (%)	2018/19 EBC area (ha)	Change area (ha)
<b>Total combined</b>	<b>59,552</b>	<b>72.3</b>	<b>916</b>	<b>72.7</b>	<b>916</b>	<b>0</b>

**Summary:**

1. Approx. 73% of Priority habitat in Eastleigh lies within designated sites.

**Notes:**

1. Total Priority habitat in Eastleigh as at 31st March 2020 = 1,260ha.

### 10.4 Condition of Sites of Special Scientific Interest (SSSIs)

**Table 10E: Conditions of Sites of Special Scientific Interest (SSSIs) (as at 31st March 2020)**

Condition	Combined Hants area (ha)	Combined Hants area (%)	EBC area (ha)	EBC area (%)	2018/19 EBC area (ha)	Change in area (ha)
<b>Favourable</b>	22,355.61	44.2	197.32	46.2	197.32	0.00
<b>Unfavourable Recovering</b>	23,717.42	46.9	144.87	33.9	144.87	0.00
<b>Unfavourable no Change</b>	2,788.01	5.5	84.05	19.7	84.05	0.00
<b>Unfavourable Declining</b>	1,675.13	3.3				
<b>Part Destroyed</b>	6.34	0.0				
<b>Destroyed</b>	17.44	0.0	0.93	0.2	0.93	0.00
<b>Grand Total</b>	<b>50,559.93</b>	<b>100.0</b>	<b>427.17</b>	<b>100.0</b>	<b>427.17</b>	<b>0.00</b>

**Summary:**

There were no changes in the condition assessment results.

**Notes:**

1. Although data has been provided by Natural England the total amount of SSSI may differ from NE figures because NE do not always assign a portion of an SSSI to the correct District where the majority of that SSSI occurs within another District, whereas HBIC are able to clip the SSSI management units directly to the District boundaries.



## 10.5 SINC changes observed and recorded

**Table 10F: Extent of changes to SINCS observed and recorded between 1st April 2019 and 31st March 2020**

SINCS	Hants sites (no)	Hants sites (area)	EBC sites (no)	EBC sites (area)
<b>Total sites (2018/19)</b>	4,132	35,968.87	150	821.04
<b>New Sites</b>	15	51.12		
<b>Amended Sites</b>	39	49.04	1	0.00
<b>Deleted sites</b>	2	-2.22		
<b>Total sites (2019/20)</b>	4,145	36,066.81	150	821.04
<b>Net change</b>	<b>13</b>	<b>97.94</b>		<b>0.00</b>
<b>% change in area</b>		2.10		0.00

### Notes:

1. Data extracted from HBIC SINC layer between 1st April 2019 and 31st March 2020.
2. Incorporates the decisions from November 2019 SINCS Advisory Panel.

**Table 10G: New SINCS approved between 1st April 2019 and 31st March 2020**

No new SINCS in Eastleigh Borough Council were approved during 2019-2020.

**Table 10H: Deleted SINCS approved between 1st April 2019 and 31st March 2020**

No SINCS in Eastleigh Borough Council were deleted during 2019-2020.

**Table 10I: Major amendments to SINCS between 1st April 2019 and 31st March 2020**

Site Ref	Site Name	Reason	Old Size (ha)	New Size (ha)	Old Criteria	New Criteria
<b>EA0076</b>	Hamble Common West	Lack of management			3A/3Bii	3Bii/5B

## 12 Fareham Borough Council

### 12.1 Priority habitats

Table 12A: Extent of Priority habitats (as at 31st March 2020)

Priority Habitat	Comments on Status	Combined Hants area (ha)	% of Combined Hants area	FBC area (ha)	% of FBC area	2018/19 FBC area (ha)	Change in area (ha)
<b>Grasslands</b>							
Lowland Calcareous Grassland	Comprehensive	2,041	0.53	16	0.21	16	0
Lowland Dry Acid Grassland	Comprehensive. Some overlap with Lowland Heath	3,667	0.94	6	0.08	6	0
Lowland Meadows	Comprehensive. Some overlap with Coastal and Floodplain Grazing Marsh and with Wood-Pasture and Parkland.	1,406	0.36	23	0.30	23	0
Purple Moor Grass and Rush Pastures	Comprehensive. Some overlap with Coastal and Floodplain Grazing Marsh.	1,547	0.40	4	0.05	4	0
<b>Heathlands</b>							
Lowland Heathland	Comprehensive. Some overlap with Lowland Dry Acid Grassland.	11,829	3.05	2	0.03	2	0
<b>Woodland, wood-pasture and parkland</b>							
Lowland Beech and Yew Woodland	Not comprehensive. Ongoing work to distinguish from Lowland Mixed Deciduous Woodland.	301	0.08				
Lowland Mixed Deciduous Woodland	Ongoing work as all ancient/ non ancient woodland has been included yet not all has been surveyed for qualifying NVC types.	36,479	9.39	455	5.85	455	0
Wet Woodland	Fairly comprehensive. Areas will exist in LMDW that are not yet surveyed for qualifying types.	2,165	0.56	54	0.69	53	1
Wood-Pasture and Parkland	Not comprehensive. Further work needed to classify this habitat within historic parkland.	5,544	1.43	22	0.28	22	0
<b>Arable, orchards and hedgerows</b>							
Arable Field Margins	Incomplete. Figures only show SINCs on arable land designated for rare arable plant assemblages.	[94]	[0.02]	[0.0]	[0.00]	[0]	[0]
Hedgerows	No comprehensive information for Priority hedgerows. All hedgerows mapped as linear features (km).	[16,448]	n/a	[265]	n/a	[265]	[0]
Traditional Orchards	Work to be undertaken to incorporate areas recently identified by PTES under contract to NE.	0.8	0.00	0.1	0.00	0	0

Priority Habitat	Comments on Status	Combined Hants area (ha)	% of Combined Hants area	FBC area (ha)	% of FBC area	2018/19 FBC area (ha)	Change in area (ha)
<b>Open waters</b>							
<b>Eutrophic Standing Waters</b>	No comprehensive information yet available.	45	0.01	1.1	0.01	1	0
<b>Rivers</b>	Incomplete data. Approx. figures for Chalk Rivers only calculated from EA's River GIS layer (km).	[629]	n/a	[11]	n/a	[11]	[0]
<b>Wetlands</b>							
<b>Coastal and Floodplain Grazing Marsh</b>	Work ongoing to verify all qualifying grazing marsh. Some overlap with Lowland Meadows and with Purple Moor Grass and Rush Pastures.	9,413	2.42	339	4.36	342	-3
<b>Lowland Fens</b>	Comprehensive.	1,898	0.49				
<b>Reedbeds</b>	Not comprehensive.	254	0.07	48.4	0.62	49	-1
<b>Coastal</b>							
<b>Coastal saltmarsh</b>	EA data partly verified.	896	0.23	30	0.39	30	0
<b>Coastal Sand Dunes</b>	EA data partly verified.	47	0.01	0.0	0.00	0	0
<b>Coastal Vegetated Shingle</b>	Comprehensive.	218	0.06	11.9	0.15	12	0
<b>Intertidal mudflats</b>	EA data partly verified.	4,463	1.15	271	3.48	271	0
<b>Maritime Cliff and Slopes</b>	Comprehensive.	42	0.01	1.4	0.02	1	0
<b>Saline lagoons</b>	Comprehensive.	55	0.01	1.2	0.02	1	0
<b>Marine</b>							
<b>Seagrass beds</b>	Not comprehensive. Separate HWT data available.	49	0.01				
<b>Total</b>		<b>82,359</b>	<b>21.20</b>	<b>1,286</b>	<b>16.53</b>	<b>1,289</b>	<b>-3</b>

**Summary:**

A small loss overall in Priority habitat of 3ha.

**Notes:**

1. The Hampshire and district totals of Priority habitat are the sum of the individual Priority habitat types (excluding Arable Field Margins and Rivers). This is not the total area of land covered by Priority habitat within Hampshire and each district because some Priority habitat types overlap and hence are double counted (e.g. Coastal and Floodplain Grazing Marsh may overlap Lowland Meadows or Purple Moor Grass and Rush Pastures).
2. Because the total area of Priority habitat may include areas when habitats overlap the % of the district area covered by Priority habitat may be slightly over-exaggerated.
3. Minor changes in area might not always reflect real change but are results of a rounding of figures.

## 12.2 Nature Conservation Designations

**Table 12B: Extent of Nature Conservation Designations (as at 31st March 2020)**

Designation	Combined Hants sites (no)	Combined Hants area (ha)	Combined Hants area (%)	FBC sites (no)	FBC area (ha)	FBC area (%)	2017/18 FBC area (ha)	Change (ha)
LNR	68	2,388	1	6	418	5.38	418	0
NNR	11	2,173	1	1	120	1.54	120	0
RAMSAR	6	36,993	10	2	540	6.95	540	0
SAC	13	37,091	10	1	195	2.51	195	0
SPA	10	41,797	11	2	527	6.77	526	1
SSSI	131	50,559	13	6	563	7.24	563	0
Stat Sites Combined	239	51,372	13	18	749	9.62	749	0
SINC	4,132	35,968	9	110	610	7.84	610	0

### Summary:

1. There were no changes to statutory sites during 2019/20. The loss of 1ha in SPA is due to re-digitisation of boundaries by NE.
2. For details of any new, amended and deleted SINC's see tables 12G, H & I.

### Notes:

1. The areas total for 'Statutory sites combined' may not equal the total for each of the individual statutory site designations because there is often an overlap between statutory designations.

**Table 12C: Statutory Designated Sites (as at 31st March 2020)**

Designation	Site Name	Area (ha) within district
LNR	Gull Coppice	5.62
LNR	Holly Hill Woodland Park	28.13
LNR	Hook with Warsash	251.37
LNR	Kites Croft	17.04
LNR	Titchfield Haven	92.95
LNR	Warsash Common	23.38
NNR	Titchfield Haven	119.62
Ramsar	Portsmouth Harbour	36.04
Ramsar	Solent & Southampton Water	504.42
SAC	Solent Maritime	195.48
SPA	Portsmouth Harbour	36.04
SPA	Solent & Southampton Water	490.89
SSSI	Downend Chalk Pit	4.36
SSSI	Lee-on-the Solent to Itchen Estuary	344.85
SSSI	Portsdown	6.31
SSSI	Portsmouth Harbour	36.04
SSSI	Titchfield Haven	134.49
SSSI	Upper Hamble Estuary and Woods	37.10

### 12.3 Priority Habitats within Designated Sites

**Table 12D: Extent of Priority habitats within Designated Sites (as at 31st March 2020)**

Designated Sites	Combined Hants area (ha)	Combined Hants area (%)	FBC (ha)	FBC area (%)	2018/19 FBC area (ha)	Change area (ha)
<b>Total combined</b>	<b>59,552</b>	<b>72.3</b>	<b>907</b>	<b>70.5</b>	<b>906</b>	<b>1</b>

**Summary:**

1. Approx. 70% of Priority habitat in Fareham lies within designated sites.

**Notes:**

1. Total Priority habitat in Fareham as at 31st March 2020 = 1,286ha.

### 12.4 Condition of Sites of Special Scientific Interest (SSSIs)

**Table 12E: Conditions of Sites of Special Scientific Interest (SSSIs) (as at 31st March 2020)**

Condition	Combined Hants area (ha)	Combined Hants area (%)	FBC area (ha)	FBC area (%)	2018/19 FBC area (ha)	Change in area (ha)
<b>Favourable</b>	22,355.61	44.2	241.96	43.0	241.96	0.00
<b>Unfavourable Recovering</b>	23,717.42	46.9	150.95	26.8	150.95	0.00
<b>Unfavourable no Change</b>	2,788.01	5.5	165.50	29.4	165.50	0.00
<b>Unfavourable Declining</b>	1,675.13	3.3	4.73	0.8	4.73	0.00
<b>Part Destroyed</b>	6.34	0.0				
<b>Destroyed</b>	17.44	0.0				
<b>Grand Total</b>	<b>50,559.93</b>	<b>100.0</b>	<b>563.15</b>	<b>100.0</b>	<b>563.15</b>	<b>0.00</b>

**Summary:**

There were no changes in the condition assessment results.

**Notes:**

Although data has been provided by Natural England the total amount of SSSI may differ from NE figures because NE do not always assign a portion of an SSSI to the correct District where the majority of that SSSI occurs within another District, whereas HBIC are able to clip the SSSI management units directly to the District boundaries.

## 12.5 SINC changes observed and recorded

**Table 12F: Extent of changes to SINCS observed and recorded between 1st April 2019 and 31st March 2020**

SINCS	Hants sites (no)	Hants sites (area)	FBC sites (no)	FBC sites (area)
<b>Total sites (2018/19)</b>	4,132	35,968.87	110	609.85
<b>New Sites</b>	15	51.12		
<b>Amended Sites</b>	39	49.04		
<b>Deleted sites</b>	2	-2.22		
<b>Total sites (2019/19)</b>	4,145	36,066.81	110	609.85
<b>Net change</b>	<b>13</b>	<b>97.94</b>		<b>0.00</b>
<b>% change in area</b>		2.10		0.00

### Notes:

1. Data extracted from HBIC SINC layer between 1st April 2019 and 31st March 2020.
2. Incorporates the decisions from November 2019 SINCS Advisory Panel.

### Table 12G: New SINCS approved between 1st April 2019 and 31st March 2020

No new SINCS in Fareham Borough Council were approved during 2019-2020.

[Note: a new SINC was approved by the Panel in May 2020, which will appear in next year's figures – "Meadows North of Woodcote Lane, Peel Common (chamomile site)".

### Table 12H: Deleted SINCS approved between 1st April 2019 and 31st March 2020

No SINCS in Fareham Borough Council were deleted during 2019-2020.

### Table 12I: Major amendments to SINCS between 1st April 2019 and 31st March 2020

No major amendments were made to SINCS in Fareham Borough Council during 2019-2020.

## 13 Gosport Borough Council

### 13.1 Priority habitats

Table 13A: Extent of Priority habitats (as at 31st March 2020)

Priority Habitat	Comments on Status	Combined Hants area (ha)	% of Combined Hants area	GBC area (ha)	% of GBC area	2018/19 GBC area (ha)	Change in area (ha)
<b>Grasslands</b>							
Lowland Calcareous Grassland	Comprehensive	2,041	0.53				
Lowland Dry Acid Grassland	Comprehensive. Some overlap with Lowland Heath	3,667	0.94	10	0.36	10	0
Lowland Meadows	Comprehensive. Some overlap with Coastal and Floodplain Grazing Marsh and with Wood-Pasture and Parkland.	1,406	0.36	20	0.73	12	8
Purple Moor Grass and Rush Pastures	Comprehensive. Some overlap with Coastal and Floodplain Grazing Marsh.	1,547	0.40	1	0.04	1	0
<b>Heathlands</b>							
Lowland Heathland	Comprehensive. Some overlap with Lowland Dry Acid Grassland.	11,829	3.05	4	0.15	4	0
<b>Woodland, wood-pasture and parkland</b>							
Lowland Beech and Yew Woodland	Not comprehensive. Ongoing work to distinguish from Lowland Mixed Deciduous Woodland.	301	0.08				
Lowland Mixed Deciduous Woodland	Ongoing work as all ancient/ non ancient woodland has been included yet not all has been surveyed for qualifying NVC types.	36,479	9.39	74	2.69	77	-3
Wet Woodland	Fairly comprehensive. Areas will exist in LMDW that are not yet surveyed for qualifying types.	2,165	0.56	22	0.80	22	0
Wood-Pasture and Parkland	Not comprehensive. Further work needed to classify this habitat within historic parkland.	5,544	1.43	15	0.55	15	0
<b>Arable, orchards and hedgerows</b>							
Arable Field Margins	Incomplete. Figures only show SINCS on arable land designated for rare arable plant assemblages.	[94]	[0.02]	[0.0]	[0.00]	[0]	[0]
Hedgerows	No comprehensive information for Priority hedgerows. All hedgerows mapped as linear features (km).	[16,448]	n/a	[25]	n/a	[25]	[0]
Traditional Orchards	Work to be undertaken to incorporate areas recently identified by PTES under contract to NE.	0.8	0.00				

Priority Habitat	Comments on Status	Combined Hants area (ha)	% of Combined Hants area	GBC area (ha)	% of GBC area	2018/19 GBC area (ha)	Change in area (ha)
<b>Open waters</b>							
<b>Eutrophic Standing Waters</b>	No comprehensive information yet available.	45	0.01	1.9	0.07	2	0
<b>Rivers</b>	Incomplete data. Approx. figures for Chalk Rivers only calculated from EA's River GIS layer (km).	[629]	n/a	[0]	n/a	[0]	[0]
<b>Wetlands</b>							
<b>Coastal and Floodplain Grazing Marsh</b>	Work ongoing to verify all qualifying grazing marsh. Some overlap with Lowland Meadows and with Purple Moor Grass and Rush Pastures.	9,413	2.42	59	2.15	58	1
<b>Lowland Fens</b>	Comprehensive.	1,898	0.49	0	0.00	0	0
<b>Reedbeds</b>	Not comprehensive.	254	0.07	14.5	0.53	14	1
<b>Coastal</b>							
<b>Coastal saltmarsh</b>	EA data partly verified.	896	0.23	28	1.02	28	0
<b>Coastal Sand Dunes</b>	EA data partly verified.	47	0.01	0.4	0.01	0	0
<b>Coastal Vegetated Shingle</b>	Comprehensive.	218	0.06	62.6	2.28	63	0
<b>Intertidal mudflats</b>	EA data partly verified.	4,463	1.15	111	4.04	111	0
<b>Maritime Cliff and Slopes</b>	Comprehensive.	42	0.01				
<b>Saline lagoons</b>	Comprehensive.	55	0.01	9.5	0.35	9	0
<b>Marine</b>							
<b>Seagrass beds</b>	Not comprehensive. Separate HWT data available.	49	0.01				
<b>Total</b>		<b>82,359</b>	<b>21.20</b>	<b>433</b>	<b>15.74</b>	<b>426</b>	<b>7</b>

### Summary:

Main change is an increase in Lowland Meadow Priority Habitat recorded at Bedenham due to recent surveys

### Notes:

1. The Hampshire and district totals of Priority habitat are the sum of the individual Priority habitat types (excluding Arable Field Margins and Rivers). This is not the total area of land covered by Priority habitat within Hampshire and each district because some Priority habitat types overlap and hence are double counted (e.g. Coastal and Floodplain Grazing Marsh may overlap Lowland Meadows or Purple Moor Grass and Rush Pastures).
2. Because the total area of Priority habitat may include areas when habitats overlap the % of the district area covered by Priority habitat may be slightly over-exaggerated.
3. Minor changes in area might not always reflect real change, but are results of a rounding of figures.



## 13.2 Nature Conservation Designations

**Table 13B: Extent of Nature Conservation Designations (as at 31st March 2020)**

Designation	Combined Hants sites (no)	Combined Hants area (ha)	Combined Hants area (%)	GBC sites (no)	GBC area (ha)	GBC area (%)	2018/19 GBC area (ha)	Change (ha)
LNR	69	2,398	1	2	40	1.45	40	0
NNR	11	2,173	1					
RAMSAR	6	36,993	10	2	165	5.99	165	0
SAC	13	37,091	10	1	4	0.15	4	0
SPA	10	41,797	11	1	161	5.84	161	0
SSSI	131	50,559	13	5	265	9.64	265	0
<b>Stat Sites Combined</b>	<b>240</b>	<b>51,373</b>	<b>13</b>	<b>12</b>	<b>277</b>	<b>10.08</b>	<b>277</b>	<b>0</b>
<b>SINC</b>	<b>4,145</b>	<b>36,066</b>	<b>9</b>	<b>39</b>	<b>373</b>	<b>13.57</b>	<b>373</b>	<b>0</b>

### Summary:

1. There were no changes to statutory sites during 2019/20.
2. For details of any new, amended and deleted SINCs see tables 13G, H & I.

### Notes:

1. The areas total for 'Statutory sites combined' may not equal the total for each of the individual statutory site designations because there is often an overlap between statutory designations.

**Table 13C: Statutory Designated Sites (as at 31st March 2020)**

Designation	Site Name	Area (ha) within district
LNR	The Wild Grounds	28.41
LNR	West of the River Alver	11.55
Ramsar	Portsmouth Harbour	160.68
Ramsar	Solent & Southampton Water	4.06
SAC	Solent & Isle of Wight Lagoons	4.06
SPA	Portsmouth Harbour	160.68
SSSI	Browndown	65.76
SSSI	Gilkicker Lagoon	4.06
SSSI	Lee-on-the Solent to Itchen Estuary	2.10
SSSI	Portsmouth Harbour	165.14
SSSI	The Wild Grounds	28.16

### 13.3 Priority Habitats within Designated Sites

**Table 13D: Extent of Priority habitats within Designated Sites (as at 31st March 2020)**

Designated Sites	Combined Hants area (ha)	Combined Hants area (%)	GBC (ha)	GBC area (%)	2018/19 GBC area (ha)	Change area (ha)
<b>Total combined</b>	<b>59,552</b>	<b>72.3</b>	<b>366</b>	<b>84.6</b>	<b>366</b>	<b>0</b>

#### Summary:

1. Approx. 85% of Priority habitat in Gosport District lies within designated sites.

#### Notes:

1. Total Priority habitat in Gosport District as at 31st March 2020 = 433ha.

### 13.4 Condition of Sites of Special Scientific Interest (SSSIs)

**Table 13E: Conditions of Sites of Special Scientific Interest (SSSIs) (as at 31st March 2020)**

Condition	Combined Hants area (ha)	Combined Hants area (%)	GBC area (ha)	GBC area (%)	2018/19 GBC area (ha)	Change in area (ha)
<b>Favourable</b>	22,355.61	44.2	56.59	21.3	56.59	0.00
<b>Unfavourable Recovering</b>	23,717.42	46.9	82.00	30.9	82.00	0.00
<b>Unfavourable no Change</b>	2,788.01	5.5	120.23	45.3	120.23	0.00
<b>Unfavourable Declining</b>	1,675.13	3.3	1.95	0.7	1.95	0.00
<b>Part Destroyed</b>	6.34	0.0				
<b>Destroyed</b>	17.44	0.0	4.46	1.7	4.46	0.00
<b>Grand Total</b>	<b>50,559.93</b>	<b>100.0</b>	<b>265.23</b>	<b>100.0</b>	<b>265.23</b>	<b>0.00</b>

#### Summary:

There were no changes in the condition assessment results.

#### Notes:

1. Although data has been provided by Natural England the total amount of SSSI may differ from NE figures because NE do not always assign a portion of an SSSI to the correct District where the majority of that SSSI occurs within another District, whereas HBIC are able to clip the SSSI management units directly to the District boundaries.

### 13.5 SINC changes observed and recorded

**Table 13F: Extent of changes to SINC observed and recorded between 1st April 2019 and 31st March 2020**

SINCS	Hants sites (no)	Hants sites (area)	GBC sites (no)	GBC sites (area)
<b>Total sites (2018/19)</b>	4,132	35,968.87	39	373.29
<b>New Sites</b>	15	51.12		
<b>Amended Sites</b>	39	49.04		
<b>Deleted sites</b>	2	-2.22		
<b>Total sites (2019/20)</b>	4,145	36,066.81	39	373.29
<b>Net change</b>	<b>13</b>	<b>97.94</b>		<b>0.00</b>
<b>% change in area</b>		2.10		0.00

**Notes:**

1. Data extracted from HBIC SINC layer between 1st April 2019 and 31st March 2020.
2. Incorporates the decisions from November 2019 SINCS Advisory Panel.

**Table 13G: New SINCS approved between 1st April 2019 and 31st March 2020**

No new SINCS in Gosport Borough Council were approved during 2019-2020.

**Table 13H: Deleted SINCS approved between 1st April 2019 and 31st March 2020**

No SINCS in Gosport Borough Council were deleted during 2019-2020.

**Table 13I: Major amendments to SINCS between 1st April 2019 and 31st March 2020**

No major amendments were made to SINCS in Gosport Borough Council during 2019-2020.

## 15 Havant Borough Council

### 15.1 Priority habitats

Table 15A: Extent of Priority habitats (as at 31st March 2020)

Priority Habitat	Comments on Status	Combined Hants area (ha)	% of Combined Hants area	HVBC area (ha)	% of HVBC area	2018/19 HVBC area (ha)	Change in area (ha)
<b>Grasslands</b>							
Lowland Calcareous Grassland	Comprehensive	2,041	0.53	4	0.05	5	-1
Lowland Dry Acid Grassland	Comprehensive. Some overlap with Lowland Heath	3,667	0.94	21	0.27	21	0
Lowland Meadows	Comprehensive. Some overlap with Coastal and Floodplain Grazing Marsh and with Wood-Pasture and Parkland.	1,406	0.36	32	0.40	32	0
Purple Moor Grass and Rush Pastures	Comprehensive. Some overlap with Coastal and Floodplain Grazing Marsh.	1,547	0.40	5	0.06	5	0
<b>Heathlands</b>							
Lowland Heathland	Comprehensive. Some overlap with Lowland Dry Acid Grassland.	11,829	3.05	1	0.01	1	0
<b>Woodland, wood-pasture and parkland</b>							
Lowland Beech and Yew Woodland	Not comprehensive. Ongoing work to distinguish from Lowland Mixed Deciduous Woodland.	301	0.08				
Lowland Mixed Deciduous Woodland	Ongoing work as all ancient/ non ancient woodland has been included yet not all has been surveyed for qualifying NVC types.	36,479	9.39	195	2.47	185	10
Wet Woodland	Fairly comprehensive. Areas will exist in LMDW that are not yet surveyed for qualifying types.	2,165	0.56	36	0.46	37	-1
Wood-Pasture and Parkland	Not comprehensive. Further work needed to classify this habitat within historic parkland.	5,544	1.43	15	0.19	15	0
<b>Arable, orchards and hedgerows</b>							
Arable Field Margins	Incomplete. Figures only show SINCS on arable land designated for rare arable plant assemblages.	[94]	[0.02]	[22.5]	[0.28]	[23]	[0]
Hedgerows	No comprehensive information for Priority hedgerows. All hedgerows mapped as linear features (km).	[16,448]	n/a	[200]	n/a	[200]	[0]
Traditional Orchards	Work to be undertaken to incorporate areas recently identified by PTES under contract to NE.	0.8	0.00				

Priority Habitat	Comments on Status	Combined Hants area (ha)	% of Combined Hants area	HVBC area (ha)	% of HVBC area	2018/19 HVBC area (ha)	Change in area (ha)
<b>Open waters</b>							
<b>Eutrophic Standing Waters</b>	No comprehensive information yet available.	45	0.01				
<b>Rivers</b>	Incomplete data. Approx. figures for Chalk Rivers only calculated from EA's River GIS layer (km).	[629]	n/a	[0]	n/a	[0]	[0]
<b>Wetlands</b>							
<b>Coastal and Floodplain Grazing Marsh</b>	Work ongoing to verify all qualifying grazing marsh. Some overlap with Lowland Meadows and with Purple Moor Grass and Rush Pastures.	9,413	2.42	170	2.15	170	0
<b>Lowland Fens</b>	Comprehensive.	1,898	0.49				
<b>Reedbeds</b>	Not comprehensive.	254	0.07	1.9	0.02	2	0
<b>Coastal</b>							
<b>Coastal saltmarsh</b>	EA data partly verified.	896	0.23	211	2.67	211	0
<b>Coastal Sand Dunes</b>	EA data partly verified.	47	0.01	39.7	0.50	40	0
<b>Coastal Vegetated Shingle</b>	Comprehensive.	218	0.06	46.7	0.59	47	0
<b>Intertidal mudflats</b>	EA data partly verified.	4,463	1.15	1,410	17.83	1,410	0
<b>Maritime Cliff and Slopes</b>	Comprehensive.	42	0.01	0.8	0.01	1	0
<b>Saline lagoons</b>	Comprehensive.	55	0.01	4.5	0.06	5	0
<b>Marine</b>							
<b>Seagrass beds</b>	Not comprehensive. Separate HWT data available.	49	0.01	45.6	0.58	46	0
<b>Total</b>		<b>82,359</b>	<b>21.20</b>	<b>2,239</b>	<b>28.31</b>	<b>2,231</b>	<b>8</b>

### Summary:

There were some changes due to new survey information such as a reinterpretation from Wet Woodland to Lowland Mixed Deciduous Woodland at Gundymoor Wood.

### Notes:

1. The Hampshire and district totals of Priority habitat are the sum of the individual Priority habitat types (excluding Arable Field Margins and Rivers). This is not the total area of land covered by Priority habitat within Hampshire and each district because some Priority habitat types overlap and hence are double counted (e.g. Coastal and Floodplain Grazing Marsh may overlap Lowland Meadows or Purple Moor Grass and Rush Pastures).
2. Because the total area of Priority habitat may include areas when habitats overlap the % of the district area covered by Priority habitat may be slightly over-exaggerated.
3. Minor changes in area might not always reflect real change, but are results of a rounding of figures.

### Sharing information about Hampshire's wildlife

The Hampshire Biodiversity Information Centre Partnership includes local authorities, government agencies, wildlife charities and biological recording groups.



## 15.2 Nature Conservation Designations

**Table 15B: Extent of Nature Conservation Designations (as at 31st March 2020)**

Designation	Combined Hants sites (no)	Combined Hants area (ha)	Combined Hants area (%)	HVBC sites (no)	HVBC area (ha)	HVBC area (%)	2018/19 HVBC area (ha)	Change (ha)
LNR	69	2,398	1	8	218	2.75	218	0
NNR	11	2,173	1					
RAMSAR	6	36,993	10	1	2,430	30.72	2,430	0
SAC	13	37,091	10	1	2,269	28.69	2,269	0
SPA	10	41,797	11	1	2,430	30.72	2,430	0
SSSI	131	50,559	13	4	2,677	33.84	2,677	0
Stat Sites Combined	<b>240</b>	<b>51,373</b>	<b>13</b>	<b>15</b>	<b>2,716</b>	<b>34.34</b>	<b>2,717</b>	<b>-1</b>
SINC	<b>4,145</b>	<b>36,066</b>	<b>9</b>	<b>145</b>	<b>882</b>	<b>11.15</b>	<b>882</b>	<b>0</b>

### Summary:

1. There were no changes to statutory sites during 2019/20. The loss of 1ha is due to re-digitisation of boundaries by NE.
2. For details of any new, amended and deleted SINC's see tables 15G, H & I.

### Notes:

1. The areas total for 'Statutory sites combined' may not equal the total for each of the individual statutory site designations because there is often an overlap between statutory designations.

**Table 15C: Statutory Designated Sites (as at 31st March 2020)**

Designation	Site Name	Area (ha) within district
LNR	Brook Meadow (Emsworth)	3.35
LNR	Farlington Marshes	1.26
LNR	Gutner Point	68.99
LNR	Hayling Billy	42.02
LNR	Hazleton Common LNR	1.39
LNR	Sandy Point	18.32
LNR	The Kench, Hayling Island	6.04
LNR	West Hayling	76.23
Ramsar	Chichester and Langstone Harbours	2,429.96
SAC	Solent Maritime	2,269.34
SPA	Chichester and Langstone Harbours	2,429.96
SSSI	Chichester Harbour	1,005.77
SSSI	Langstone Harbour	1,424.19
SSSI	Sinah Common	242.75
SSSI	Warblington Meadow	3.87

### 15.3 Priority Habitats within Designated Sites

**Table 15D: Extent of Priority habitats within Designated Sites (as at 31st March 2020)**

Designated Sites	Combined Hants area (ha)	Combined Hants area (%)	HVBC (ha)	HVBC area (%)	2018/19 HVBC area (ha)	Change area (ha)
<b>Total combined</b>	<b>59,552</b>	<b>72.3</b>	<b>2,110</b>	<b>94.2</b>	<b>2,109</b>	<b>1</b>

#### Summary:

1. Approx. 94% of Priority habitat in Havant lies within designated sites.

#### Notes:

1. Total Priority habitat in Havant as at 31st March 2020 = 2,239ha.

### 15.4 Condition of Sites of Special Scientific Interest (SSSIs)

**Table 15E: Conditions of Sites of Special Scientific Interest (SSSIs) (as at 31st March 2020)**

Condition	Combined Hants area (ha)	Combined Hants area (%)	HVBC area (ha)	HVBC area (%)	2018/19 HVBC area (ha)	Change in area (ha)
<b>Favourable</b>	22,355.61	44.2	47.44	1.8	47.51	-0.07
<b>Unfavourable Recovering</b>	23,717.42	46.9	1,694.81	63.3	2,566.46	-871.65
<b>Unfavourable no Change</b>	2,788.01	5.5	62.68	2.3	62.61	0.07
<b>Unfavourable Declining</b>	1,675.13	3.3	871.65	32.6		871.65
<b>Part Destroyed</b>	6.34	0.0				
<b>Destroyed</b>	17.44	0.0				
<b>Grand Total</b>	<b>50,559.93</b>	<b>100.0</b>	<b>2,676.58</b>	<b>100.0</b>	<b>2,676.58</b>	<b>0.00</b>

#### Summary:

There were big losses in the coverage of 'Unfavourable Recovering' SSSIs to 'Unfavourable Declining' due to a re-assessment between 1<sup>st</sup> of April 2019 and 31<sup>st</sup> of March 2020. Affected areas were especially the littoral sediments in Chichester Harbour.

#### Notes:

1. Although data has been provided by Natural England the total amount of SSSI may differ from NE figures because NE do not always assign a portion of an SSSI to the correct District where the majority of that SSSI occurs within another District, whereas HBIC are able to clip the SSSI management units directly to the District boundaries.
2. Any change in area is due to NE re-digitising boundaries. The number of SSSIs remains the same.

## 15.5 SINC changes observed and recorded

**Table 15F: Extent of changes to SINCS observed and recorded between 1st April 2019 and 31st March 2020**

SINCS	Hants sites (no)	Hants sites (area)	HVBC sites (no)	HVBC sites (area)
<b>Total sites (2018/19)</b>	4,132	35,968.87	145	881.97
<b>New Sites</b>	15	51.12		
<b>Amended Sites</b>	39	49.04	1	0.00
<b>Deleted sites</b>	2	-2.22		
<b>Total sites (2019/20)</b>	4,145	36,066.81	145	881.97
<b>Net change</b>	<b>13</b>	<b>97.94</b>		<b>0.00</b>
<b>% change in area</b>		2.10		0.00

### Notes:

1. Data extracted from HBIC SINC layer between 1st April 2019 and 31st March 2020.
2. Incorporates the decisions from November 2019 SINCS Advisory Panel.

**Table 15G: New SINCS approved between 1st April 2019 and 31st March 2020**

No new SINCS in Havant Borough Council were approved during 2019-2020.

**Table 15H: Deleted SINCS approved between 1st April 2019 and 31st March 2020**

No SINCS in Havant Borough Council were deleted during 2019-2020.

**Table 15I: Major amendments to SINCS between 1st April 2019 and 31st March 2020**

Site Ref	Site Name	Reason	Old Size (ha)	New Size (ha)	Old Criteria	New Criteria
HV0117	Land West of Emsworth Recreation Ground	Lack of management			2B	2B/5B



## 18 Portsmouth City Council

### 18.1 Priority habitats

Table 18A: Extent of Priority habitats (as at 31st March 2020)

Priority Habitat	Comments on Status	Combined Hants area (ha)	% of Combined Hants area	PCC area (ha)	% of PCC area	2018/19 PCC area (ha)	Change in area (ha)
<b>Grasslands</b>							
Lowland Calcareous Grassland	Comprehensive	2,041	0.53	55	0.91	55	0
Lowland Dry Acid Grassland	Comprehensive. Some overlap with Lowland Heath	3,667	0.94	7	0.12	7	0
Lowland Meadows	Comprehensive. Some overlap with Coastal and Floodplain Grazing Marsh and with Wood-Pasture and Parkland.	1,406	0.36	20	0.33	20	0
Purple Moor Grass and Rush Pastures	Comprehensive. Some overlap with Coastal and Floodplain Grazing Marsh.	1,547	0.40				
<b>Heathlands</b>							
Lowland Heathland	Comprehensive. Some overlap with Lowland Dry Acid Grassland.	11,829	3.05				
<b>Woodland, wood-pasture and parkland</b>							
Lowland Beech and Yew Woodland	Not comprehensive. Ongoing work to distinguish from Lowland Mixed Deciduous Woodland.	301	0.08				
Lowland Mixed Deciduous Woodland	Ongoing work as all ancient/ non ancient woodland has been included yet not all has been surveyed for qualifying NVC types.	36,479	9.39	8	0.13	8	0
Wet Woodland	Fairly comprehensive. Areas will exist in LMDW that are not yet surveyed for qualifying types.	2,165	0.56	1	0.02	1	0
Wood-Pasture and Parkland	Not comprehensive. Further work needed to classify this habitat within historic parkland.	5,544	1.43	10	0.17	10	0
<b>Arable, orchards and hedgerows</b>							
Arable Field Margins	Incomplete. Figures only show SINCs on arable land designated for rare arable plant assemblages.	[94]	[0.02]	[0.0]	[0.00]	[0]	[0]
Hedgerows	No comprehensive information for Priority hedgerows. All hedgerows mapped as linear features (km).	[16,448]	n/a	[66]	n/a	[66]	[0]
Traditional Orchards	Work to be undertaken to incorporate areas recently identified by PTES under contract to NE.	0.8	0.00				

Priority Habitat	Comments on Status	Combined Hants area (ha)	% of Combined Hants area	PCC area (ha)	% of PCC area	2018/19 PCC area (ha)	Change in area (ha)
<b>Open waters</b>							
<b>Eutrophic Standing Waters</b>	No comprehensive information yet available.	45	0.01				
<b>Rivers</b>	Incomplete data. Approx. figures for Chalk Rivers only calculated from EA's River GIS layer (km).	[629]	n/a	[0]	n/a	[0]	[0]
<b>Wetlands</b>							
<b>Coastal and Floodplain Grazing Marsh</b>	Work ongoing to verify all qualifying grazing marsh. Some overlap with Lowland Meadows and with Purple Moor Grass and Rush Pastures.	9,413	2.42	89	1.48	86	3
<b>Lowland Fens</b>	Comprehensive.	1,898	0.49				
<b>Reedbeds</b>	Not comprehensive.	254	0.07	20.8	0.35	21	0
<b>Coastal</b>							
<b>Coastal saltmarsh</b>	EA data partly verified.	896	0.23	59	0.98	60	-1
<b>Coastal Sand Dunes</b>	EA data partly verified.	47	0.01	0.3	0.00	0	0
<b>Coastal Vegetated Shingle</b>	Comprehensive.	218	0.06	21.2	0.35	21	0
<b>Intertidal mudflats</b>	EA data partly verified.	4,463	1.15	1,138	18.92	1,135	3
<b>Maritime Cliff and Slopes</b>	Comprehensive.	42	0.01				
<b>Saline lagoons</b>	Comprehensive.	55	0.01	3.6	0.06	4	0
<b>Marine</b>							
<b>Seagrass beds</b>	Not comprehensive. Separate HWT data available.	49	0.01	3.3	0.05	3	0
<b>Total</b>		<b>82,359</b>	<b>21.20</b>	<b>1,436</b>	<b>23.88</b>	<b>1,431</b>	<b>5</b>

### Summary:

A small gain in Priority habitat of 5ha, mostly coastal habitat, with small gains and losses of mudflats in the Portchester (gain) and Tipner (loss) areas as a result of new survey/mapping.

### Notes:

1. The Hampshire and district totals of Priority habitat are the sum of the individual Priority habitat types (excluding Arable Field Margins and Rivers). This is not the total area of land covered by Priority habitat within Hampshire and each district because some Priority habitat types overlap and hence are double counted (e.g. Coastal and Floodplain Grazing Marsh may overlap Lowland Meadows or Purple Moor Grass and Rush Pastures).
2. Because the total area of Priority habitat may include areas when habitats overlap the % of the district area covered by Priority habitat may be slightly over-exaggerated.
3. Minor changes in area might not always reflect real change, but are results of a rounding of figures.

## 18.2 Nature Conservation Designations

**Table 18B: Extent of Nature Conservation Designations (as at 31st March 2020)**

Designation	Combined Hants sites (no)	Combined Hants area (ha)	Combined Hants area (%)	PCC sites (no)	PCC area (ha)	PCC area (%)	2018/19 PCC area (ha)	Change (ha)
LNR	69	2,398	1	1	118	1.97	118	0
NNR	11	2,173	1					
RAMSAR	6	36,993	10	2	1,708	28.40	1,708	0
SAC	13	37,091	10	2	542	9.02	542	0
SPA	10	41,797	11	2	1,708	28.40	1,708	0
SSSI	131	50,559	13	3	1,787	29.71	1,787	0
<b>Stat Sites Combined</b>	<b>240</b>	<b>51,373</b>	<b>13</b>	<b>10</b>	<b>1,788</b>	<b>29.73</b>	<b>1,788</b>	<b>0</b>
<b>SINC</b>	<b>4,145</b>	<b>36,066</b>	<b>9</b>	<b>27</b>	<b>342</b>	<b>5.68</b>	<b>342</b>	<b>0</b>

### Summary:

1. There were no changes to statutory sites during 2019/20.
2. For details of any new, amended and deleted SINCs see tables 18G, H & I.

### Notes:

1. The areas total for 'Statutory sites combined' may not equal the total for each of the individual statutory site designations because there is often an overlap between statutory designations.

**Table 18C: Statutory Designated Sites (as at 31st March 2020)**

Designation	Site Name	Area (ha) within district
LNR	Farlington Marshes	118.43
Ramsar	Chichester and Langstone Harbours	655.03
Ramsar	Portsmouth Harbour	1,052.88
SAC	Solent & Isle of Wight Lagoons	1.80
SAC	Solent Maritime	540.64
SPA	Chichester and Langstone Harbours	655.03
SPA	Portsmouth Harbour	1,052.88
SSSI	Langstone Harbour	661.08
SSSI	Portsdown	62.84
SSSI	Portsmouth Harbour	1,063.03

### 18.3 Priority Habitats within Designated Sites

**Table 18D: Extent of Priority habitats within Designated Sites (as at 31st March 2020)**

Designated Sites	Combined Hants area (ha)	Combined Hants area (%)	PCC (ha)	PCC area (%)	2018/19 PCC area (ha)	Change area (ha)
<b>Total combined</b>	<b>59,552</b>	<b>72.3</b>	<b>1,379</b>	<b>96.0</b>	<b>1,379</b>	<b>0</b>

**Summary:**

1. Approx. 96% of Priority habitat in Portsmouth lies within designated sites.

**Notes:**

1. Total Priority habitat in Portsmouth as at 31st March 2020 = 1,436ha.

### 18.4 Condition of Sites of Special Scientific Interest (SSSIs)

**Table 18E: Conditions of Sites of Special Scientific Interest (SSSIs) (as at 31st March 2020)**

Condition	Combined Hants area (ha)	Combined Hants area (%)	PCC area (ha)	PCC area (%)	2018/19 PCC area (ha)	Change in area (ha)
<b>Favourable</b>	22,355.61	44.2	170.31	9.5	170.31	0.00
<b>Unfavourable Recovering</b>	23,717.42	46.9	868.80	48.6	868.80	0.00
<b>Unfavourable no Change</b>	2,788.01	5.5	746.05	41.8	746.05	0.00
<b>Unfavourable Declining</b>	1,675.13	3.3				
<b>Part Destroyed</b>	6.34	0.0				
<b>Destroyed</b>	17.44	0.0	1.79	0.1	1.79	0.00
<b>Grand Total</b>	<b>50,559.93</b>	<b>100.0</b>	<b>1,786.95</b>	<b>100.0</b>	<b>1,786.95</b>	<b>0.00</b>

**Summary:**

There were no changes in the condition assessment results.

**Notes:**

Although data has been provided by Natural England the total amount of SSSI may differ from NE figures because NE do not always assign a portion of an SSSI to the correct District where the majority of that SSSI occurs within another District, whereas HBIC are able to clip the SSSI management units directly to the District boundaries.

## 18.5 SINC changes observed and recorded

**Table 18F: Extent of changes to SINCS observed and recorded between 1st April 2019 and 31st March 2020**

SINCS	Hants sites (no)	Hants sites (area)	PCC sites (no)	PCC sites (area)
<b>Total sites (2018/19)</b>	4,132	35,968.87	27	341.66
<b>New Sites</b>	15	51.12		
<b>Amended Sites</b>	39	49.04	1	-0.04
<b>Deleted sites</b>	2	-2.22		
<b>Total sites (2019/20)</b>	4,145	36,066.81	27	341.62
<b>Net change</b>	<b>13</b>	<b>97.94</b>		<b>-0.04</b>
<b>% change in area</b>		2.10		-0.01

### Notes:

1. Data extracted from HBIC SINC layer between 1st April 2019 and 31st March 2020.
2. Incorporates the decisions from November 2019 SINCS Advisor Panel.

### Table 18G: New SINCS approved between 1st April 2019 and 31st March 2020

No new SINCS in Portsmouth City Council were approved during 2019-2020.

### Table 18H: Deleted SINCS approved between 1st April 2019 and 31st March 2020

No SINCS in Portsmouth City Council were deleted during 2019-2020.

### Table 18I: Major amendments to SINCS between 1st April 2019 and 31st March 2020

Site Ref	Site Name	Reason	Old Size (ha)	New Size (ha)	Old Criteria	New Criteria
<b>PO0014</b>	Horsea Island	New Survey or Information	8.68	8.64	2D/6A	2D/4A/6A

## 22 Winchester City Council

### 22.1 Priority habitats

Table 22A: Extent of Priority habitats (as at 31st March 2020)

Priority Habitat	Comments on Status	Combined Hants area (ha)	% of Combined Hants area	WCC area (ha)	% of WCC area	2018/19 WCC area (ha)	Change in area (ha)
<b>Grasslands</b>							
Lowland Calcareous Grassland	Comprehensive	2,041	0.53	360	0.54	362	-2
Lowland Dry Acid Grassland	Comprehensive. Some overlap with Lowland Heath	3,667	0.94	9	0.01	9	0
Lowland Meadows	Comprehensive. Some overlap with Coastal and Floodplain Grazing Marsh and with Wood-Pasture and Parkland.	1,406	0.36	289	0.44	292	-3
Purple Moor Grass and Rush Pastures	Comprehensive. Some overlap with Coastal and Floodplain Grazing Marsh.	1,547	0.40	86	0.13	74	12
<b>Heathlands</b>							
Lowland Heathland	Comprehensive. Some overlap with Lowland Dry Acid Grassland.	11,829	3.05	2	0.00	2	0
<b>Woodland, wood-pasture and parkland</b>							
Lowland Beech and Yew Woodland	Not comprehensive. Ongoing work to distinguish from Lowland Mixed Deciduous Woodland.	301	0.08	35.4	0.05	35	1
Lowland Mixed Deciduous Woodland	Ongoing work as all ancient/ non ancient woodland has been included yet not all has been surveyed for qualifying NVC types.	36,479	9.39	6,106	9.24	6,113	-7
Wet Woodland	Fairly comprehensive. Areas will exist in LMDW that are not yet surveyed for qualifying types.	2,165	0.56	237	0.36	236	1
Wood-Pasture and Parkland	Not comprehensive. Further work needed to classify this habitat within historic parkland.	5,544	1.43	119	0.18	119	0
<b>Arable, orchards and hedgerows</b>							
Arable Field Margins	Incomplete. Figures only show SINC's on arable land designated for rare arable plant assemblages.	[94]	[0.02]	[2.2]	[0.00]	[2]	[0]
Hedgerows	No comprehensive information for Priority hedgerows. All hedgerows mapped as linear features (km).	[16,448]	n/a	[3,036]	n/a	[3,036]	[0]
Traditional Orchards	Work to be undertaken to incorporate areas recently identified by PTES under contract to NE.	0.8	0.00				

Priority Habitat	Comments on Status	Combined Hants area (ha)	% of Combined Hants area	WCC area (ha)	% of WCC area	2018/19 WCC area (ha)	Change in area (ha)
<b>Open waters</b>							
<b>Eutrophic Standing Waters</b>	No comprehensive information yet available.	45	0.01				
<b>Rivers</b>	Incomplete data. Approx. figures for Chalk Rivers only calculated from EA's River GIS layer (km).	[629]	n/a	[118]	n/a	[118]	[0]
<b>Wetlands</b>							
<b>Coastal and Floodplain Grazing Marsh</b>	Work ongoing to verify all qualifying grazing marsh. Some overlap with Lowland Meadows and with Purple Moor Grass and Rush Pastures.	9,413	2.42	1,198	1.81	1,198	0
<b>Lowland Fens</b>	Comprehensive.	1,898	0.49	5	0.01	6	-1
<b>Reedbeds</b>	Not comprehensive.	254	0.07	9.9	0.01	7	3
<b>Coastal</b>							
<b>Coastal saltmarsh</b>	EA data partly verified.	896	0.23	2	0.00	2	0
<b>Coastal Sand Dunes</b>	EA data partly verified.	47	0.01				
<b>Coastal Vegetated Shingle</b>	Comprehensive.	218	0.06				
<b>Intertidal mudflats</b>	EA data partly verified.	4,463	1.15	6	0.01	6	0
<b>Maritime Cliff and Slopes</b>	Comprehensive.	42	0.01				
<b>Saline lagoons</b>	Comprehensive.	55	0.01				
<b>Marine</b>							
<b>Seagrass beds</b>	Not comprehensive. Separate HWT data available.	49	0.01				
<b>Total</b>		<b>82,359</b>	<b>21.20</b>	<b>8,464</b>	<b>12.80</b>	<b>8,461</b>	<b>3</b>

### Summary:

Small losses and gains were mainly due to new survey information for sites such as Crawley Forest, Whiteley Meadow 3 and Winnal Moors.

### Notes:

1. The Hampshire and district totals of Priority habitat are the sum of the individual Priority habitat types (excluding Arable Field Margins and Rivers). This is not the total area of land covered by Priority habitat within Hampshire and each district because some Priority habitat types overlap and hence are double counted (e.g. Coastal and Floodplain Grazing Marsh may overlap Lowland Meadows or Purple Moor Grass and Rush Pastures).
2. Because the total area of Priority habitat may include areas when habitats overlap the % of the district area covered by Priority habitat may be slightly over-exaggerated.
3. Minor changes in area might not always reflect real change but are results of a rounding of figures.

## 22.2 Nature Conservation Designations

**Table 22B: Extent of Nature Conservation Designations (as at 31st March 2020)**

Designation	Combined Hants sites (no)	Combined Hants area (ha)	Combined Hants area (%)	WCC sites (no)	WCC area (ha)	WCC area (%)	2018/19 WCC area (ha)	Change (ha)
LNR	69	0	0	9	103	0.16	103	0
NNR	11	0	0	2	103	0.16	103	0
RAMSAR	6	4	0	1	23	0.03	23	0
SAC	13	4	0	2	182	0.28	182	0
SPA	10	4	0	1	23	0.03	23	0
SSSI	131	5	0	18	1,313	1.99	1,313	0
Stat Sites Combined	240	5	0	33	1,365	2.06	1,367	-2
SINC	4,145	36,067	0	694	6,536	9.89	6,527	9

### Summary:

1. There were no changes to statutory sites during 2019/20. The loss of 2ha is due to re-digitisation of boundaries by NE.
2. For details of any new, amended and deleted SINCs see tables 22G, H & I.

### Notes:

1. The areas total for 'Statutory sites combined' may not equal the total for each of the individual statutory site designations because there is often an overlap between statutory designations.



**Table 22C: Statutory Designated Sites (as at 31st March 2020)**

Designation	Site Name	Area (ha) within district
LNR	Berry Coppice	2.99
LNR	Bishops Waltham Branch Line	1.62
LNR	Claylands	5.78
LNR	Crab Wood	37.75
LNR	Dundridge Meadows	7.48
LNR	Gull Coppice	7.12
LNR	Round Coppice	6.35
LNR	Shawford Down	19.65
LNR	The Moors, Bishops Waltham	14.47
NNR	Beacon Hill	40.06
NNR	Old Winchester Hill	62.82
Ramsar	Solent & Southampton Water	22.92
SAC	River Itchen	158.14
SAC	Solent Maritime	24.00
SPA	Solent & Southampton Water	22.92
SSSI	Alresford Pond	30.17
SSSI	Beacon Hill, Warnford	46.45
SSSI	Botley Wood and Everett's and Mushes Copses	352.69
SSSI	Cheesefoot Head	13.41
SSSI	Crab Wood	73.00
SSSI	Galley Down Wood	16.65
SSSI	Hook Heath Meadows	5.86
SSSI	Lye Heath Marsh	4.37
SSSI	Micheldever Spoil Heaps	5.37
SSSI	Old Winchester Hill	66.17
SSSI	Peake Wood	17.75
SSSI	Ratlake Meadows	0.00
SSSI	River Itchen	575.64
SSSI	River Test	4.26
SSSI	St. Catherine's Hill	43.03
SSSI	The Moors, Bishop's Waltham	27.99
SSSI	Upper Hamble Estuary and Woods	24.00
SSSI	Waltham Chase Meadows	6.36

### 22.3 Priority Habitats within Designated Sites

**Table 22D: Extent of Priority habitats within Designated Sites (as at 31st March 2020)**

Designated Sites	Combined Hants area (ha)	Combined Hants area (%)	WCC (ha)	WCC area (%)	2018/19 WCC area (ha)	Change area (ha)
<b>Total combined</b>	<b>59,552</b>	<b>72.5</b>	<b>4,832</b>	<b>57.0</b>	<b>4,816</b>	<b>16</b>

#### Summary:

1. Approx. 57% of Priority habitat in Winchester lies within designated sites.

#### Notes:

1. Total Priority habitat in Winchester as at 31st March 2020 = 8,464ha.

## 22.4 Condition of Sites of Special Scientific Interest (SSSIs)

**Table 22E: Conditions of Sites of Special Scientific Interest (SSSIs) (as at 31st March 2020)**

Condition	Combined Hants area (ha)	Combined Hants area (%)	WCC area (ha)	WCC area (%)	2018/19 WCC area (ha)	Change in area (ha)
<b>Favourable</b>	22,355.61	44.2	410.27	31.2	384.28	25.99
<b>Unfavourable Recovering</b>	23,717.42	46.9	636.91	48.5	662.90	-25.99
<b>Unfavourable no Change</b>	2,788.01	5.5	181.92	13.9	181.92	0.00
<b>Unfavourable Declining</b>	1,675.13	3.3	76.28	5.8	76.28	0.00
<b>Part Destroyed</b>	6.34	0.0				
<b>Destroyed</b>	17.44	0.0	7.80	0.6	7.80	0.00
<b>Grand Total</b>	<b>50,559.93</b>	<b>100.0</b>	<b>1,313.17</b>	<b>100.0</b>	<b>1,313.17</b>	<b>0.00</b>

### Summary:

Neutral grassland in the River Itchen SSSI was re-assessed from 'Unfavourable Recovering' to 'Favourable'

### Notes:

Although data has been provided by Natural England the total amount of SSSI may differ from NE figures because NE do not always assign a portion of an SSSI to the correct District where the majority of that SSSI occurs within another District, whereas HBIC are able to clip the SSSI management units directly to the District boundaries.

## 22.5 SINC changes observed and recorded

**Table 22F: Extent of changes to SINCS observed and recorded between 1st April 2019 and 31st March 2020**

SINCS	Hants sites (no)	Hants sites (area)	WCC sites (no)	WCC sites (area)
<b>Total sites (2018/19)</b>	4,132	35,968.87	692	6,526.85
<b>New Sites</b>	15	51.12	2	8.75
<b>Amended Sites</b>	39	49.04	10	0.69
<b>Deleted sites</b>	2	-2.22		
<b>Total sites (2019/20)</b>	4,145	36,066.81	694	6,536.29
<b>Net change</b>	<b>13</b>	<b>97.94</b>	<b>2</b>	<b>9.44</b>
<b>% change in area</b>		2.10		0.14

### Notes:

1. Data extracted from HBIC SINC layer between 1st April 2019 and 31st March 2020.
2. Incorporates the decisions from November 2019 SINC Advisory Panel.

**Table 22G: New SINC approved between 1st April 2019 and 31st March 2020**

Site Ref	Site Name	New Size (ha)	New Criteria	Panel date
WC0827	Worthy Down Railway Halt	1.23	2B/6A	Nov 2019
WC0826	Worthy Camp Grassland	7.52	2B	Nov 2019

**Table 22H: Deleted SINC approved between 1st April 2019 and 31st March 2020**

No SINC in Winchester City Council were deleted during 2019-2020.

**Table 22I: Major amendments to SINC between 1st April 2019 and 31st March 2020**

Site Ref	Site Name	Reason	Old Size (ha)	New Size (ha)	Old Criteria	New Criteria
WC0828	Meadow West of Deer Lodge	Lack of management			2A/5B	2D/5B
WC0349	Wickham Meon Meadows	Lack of management			2B/5A/5B	5A/5B
WC0120	Snakemoor Farm Meadow	Lack of management			2A	2B
WC0376	River Arle Meadow	Lack of management	1.1	0.64	2B	5B
WC0054	Otterbourne Hill Common	New Survey or Information			1D	1D/2B
WC0311	Norns Copse	Lack of management			1A/2A	1A/1B
WC0626	Mill Farm Woodland	Lack of management			2D/5B	1A/1Cii
WC0342	Meadow between Disused Railway & River Meon	Lack of management	2.55	1.9	2A/5B	1Cii/5B
WC0402	Little Lion Copse	Data Correction/Reinterpretation	5.95	6.89	1A	1A/1B
WC0267	Dukes Copse	New Survey or Information	3.87	4.73		