



Monitoring Change in Priority Habitats, Priority Species and Designated Areas

For Local Development Framework Annual Monitoring Reports

2018/19 (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 171) states that to protect and enhance biodiversity and geodiversity, plans should:

- promote the conservation, restoration and enhancement of priority habitats, ecological networks and the protection and recovery of priority species; and identify and pursue opportunities for securing measurable net gains for biodiversity

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 surveyed, 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 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 notes 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 now underway which may lead to further changes in habitat/land-use statistics as, for example, 'new development areas' are plugged into the habitat layer and new woodland plantings are recognised

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

Whilst for most Priority habitats there continues to be small changes in extent, as a result of new field survey, aerial photographic interpretation and OS Master Map updates, for two habitats there may still be some 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 not so much salt marsh not being visible (i.e. below 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'. The definitions still need refining for these habitats and 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 within a new OS MasterMap will help with this.

1.2.4 Assessment of changes in SSSI condition: Natural England conduct condition assessments of habitats within 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 identifying, mapping and monitoring SINC's on a rolling programme, and for maintaining an up to date GIS layer on behalf of the local planning authorities. HBIC's SINC's database records new SINC's, deleted SINC's and any amendments to individual SINC's, including minor changes to boundaries as a result of snapping to OS MasterMap. Many of the amendments and deletions will relate to changes that may have 'physically' occurred many years before the sites were re-surveyed but were only surveyed, recorded and approved during this reporting period - similar to mapping changes in habitat extent.

Please note that the data within this report excludes SINC's which have been approved by the Panel but which remain as candidate SINC's due to objections from landowners who wish to provide their own evidence back to the SINC Panel. They are however shown on GIS updates to partners as Candidate SINC's. Any changes to SINC's during the 2018-19 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, particularly 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 now 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 2018 and March 2019 except for the SINC's data which is derived from the SINC's database once Panel approval has been given in March 2019 and the GIS layer updated in August 2019.

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 2019)

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	2017/18 Total area (ha)	Change in area (ha)
Grasslands																			
Lowland Calcareous Grassland	Comprehensive	231		337	16		3	5	285	0	55		1	757	362	2,052	0.5	2,060	-8
Lowland Dry Acid Grassland	Comprehensive. Some overlap with Lowland Heath	24	1	173	6	10	193	21	40	3,055	7	70	2	65	9	3,676	1.0	3,678	-2
Lowland Meadows	Comprehensive. Some overlap with Coastal and Floodplain Grazing Marsh and with Wood-Pasture and Parkland.	148	33	96	23	12	111	32	179	272	20	25	28	127	292	1,398	0.4	1,398	0
Purple Moor Grass and Rush Pastures	Comprehensive. Some overlap with Coastal and Floodplain Grazing Marsh.	38	32	27	4	1	122	5	27	1,041		16	2	136	74	1,525	0.4	1,487	38
Heathlands																			
Lowland Heathland	Comprehensive. Some overlap with Lowland Dry Acid Grassland.	180	16	692	2	4	272	1	605	9,932		106	2	19	2	11,833	3.1	11,832	1

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	2017/18 Total area (ha)	Change in area (ha)
Woodland, wood-pasture and parkland																			
Lowland Beech and Yew Woodland	Not complete. On-going work to distinguish from Lowland Mixed Deciduous Woodland.	8.6	0.7	98.6			0.4		2.2	88.3			0.1	49.8	34.9	284.0	0.1	280	4
Lowland Mixed Deciduous Woodland	Ongoing work as all ancient and non ancient woodland has been included yet not all surveyed for qualifying NVC types.	6,269	554	5,567	455	77	2,622	185	1,596	6,677	8	268	271	5,852	6,113	36,514	9.4	36,257	257
Wet Woodland	Fairly complete. Areas will exist in LMDW that have not yet been surveyed for qualifying types.	419	122	206	53	22	127	37	65	494	1	65	58	184	236	2,089	0.5	2,050	39
Wood-Pasture and Parkland	Not complete. Further work needed to classify all remaining habitat within historic parkland.	522	3	31	22	15	223	15	4	4,412	10		67	105	119	5,548	1.4	5,545	3

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	2017/18 Total area (ha)	Change in area (ha)
Arable, orchards and hedgerows																			
Arable Field Margins	Incomplete. Figures only show SINC's on arable land designated for rare arable plant assemblages.	[27.4]		[12.5]			[5.0]	[22.5]	[0.8]					[23.5]	[0.9]	[92]	0.0	[81]	11
Hedgerows	No comprehensive information for Priority hedgerows as yet. All hedgerows are 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
Traditional Orchards	Work to be undertaken to incorporate areas identified by PTES under contract to NE.		0.3		0.1									0.4		0.0	0.0	0	0
Open waters																			
Eutrophic Standing Waters	No comprehensive information yet available.	0.1	0.1		1.1	1.9			34.5			0.4	0.4	8.7		46.0	0.0	45	1
Rivers	Incomplete data. Approx. figures for Chalk Rivers only calculated from EA's River GIS layer (km).	[101]	[24]	[25]	[11]	[0]	[63]	[0]	[76]	[15]	[0]	[0]	[19]	[182]	[118]	[634]	n/a	[634]	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	2017/18 Total area (ha)	Change in area (ha)
Wetlands																			
Coastal and Floodplain Grazing Marsh	Work ongoing to verify all qualifying grazing marsh. Some overlap with Lowland Meadows and with Purple Moor Grass and Rush Pastures.	799	322	700	342	58	837	170	1,511	1,398	86	32	19	1,941	1,198	9,413	2.4	9,431	-18
Lowland Fens	Comprehensive.	3		18		0	11		9	1,849				3	6	1,899	0.5	1,899	0
Reedbeds	Not complete.	2.0	9.2		49.3	14.0	0.6	1.9	41.0	57.3	20.9	0.1	3.9	45.5	7.4	252.0	0.1	252	0
Coastal																			
Coastal saltmarsh	EA data partly verified.		29		30	28		211	158	375	60		2	2	2	897	0.2	896	1
Coastal Sand Dunes	Comprehensive.		0.1		0.0	0.4		39.7	2.1	5.3	0.3		0.2			47.0	0.0	47	0
Coastal Vegetated Shingle	Comprehensive.		3.4		11.9	62.6		46.7	20.5	49.1	21.2		2.7			218.0	0.1	219	-1
Intertidal mudflats	EA data partly verified.		136		271	111		1,410	408	854	1,135		129		6	4,460	1.2	4,418	42
Maritime Cliff and Slopes	Comprehensive.				1.4			0.8	37.5	2.9						43.0	0.0	43	0
Saline lagoons	Comprehensive.				1.2	9.1		4.5	3.3	32.4	3.6		0.0			54.0	0.0	54	0
Marine																			
Seagrass beds	Not Comprehensive. Separate HWT data available.							45.6			3.3					49.0	0.0	49	0
Total		8,644	1,262	7,946	1,289	426	4,522	2,231	5,028	30,594	1,431	583	588	9,295	8,461	82,297	21.0	81,943	355

Notes:

1. The extent of Priority habitat remains at 21% of the total area of Hampshire and the New Forest National Park area, with just a small increase of Priority habitat of 371ha
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. Saltmarsh 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. Increase in area for Lowland Mixed Deciduous Woodland is because of new survey information. Increased areas include:
 - 'Woodland Burn's Plain & Rushmoor Bottom (North)' (RBC)
 - 'Cheriton Wood, 'Dur Wood' (WCC)
 - 'Hartley Wintney Greens', 'Mabs Copse and Winchfield House Woods', 'Furzy Moor North' and 'Tossel Wood Pit - SHL187' (HDC)
8. Increase in area for Eutrophic Standing Waters because of new survey information especially for 'Titchfield Abbey surrounds' (FBC)
9. Increase in the area for Intertidal mudflats because of new survey information especially for 'Langstone Harbour'
10. Increase in the area for Arable Field Margins because of new survey information in BDBC and EHDC. Increased areas include: Field South of Bramdown Copse (BD0292), Noar Hill Field (EH0326), Newlands Field (EH0489)

3 Nature Conservation Designations

Table 2: Extent of Nature Conservation Designations in Hampshire (as at 31st March 2019)

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	2017/18 Total area (ha)	Change in area (ha)
LNR	245	232	338	418	40	76	218	32	416	118	2	48	102	103	2,388	0.61	2,370	18
NNR	23		358	120		31		339	1,199					103	2,173	0.56	2,172	1
RAMSAR		184		540	165		2,430	1,629	30,151	1,708		111	52	23	36,993	9.52	36,990	3
SAC		296	1,540	195	4		2,269	614	30,641	542		20	788	182	37,091	9.55	37,091	0
SPA		184	1,757	527	161	2,099	2,430	1,626	30,121	1,708	451	111	599	23	41,797	10.76	41,791	6
SSSI	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	50,556	3
Stat Sites Combined	861	633	2,817	749	277	2,723	2,717	2,524	32,281	1,788	474	233	1,928	1,367	51,372	13.22	51,372	0
SINC	6,227	821	6,169	610	373	2,028	882	2,455	3,046	342	474	426	5,588	6,527	35,968	9.15	36,174	-206

Notes:

1. One new LNR ('Peartree Green') was designated in Southampton.
2. A total of 23 new SINC's were approved by the SINC panel and designated during 2018/19. 8 SINC's were deleted. The net increase in overall SINC area was -204.86ha
3. The figures do not include the marine pSPA 'Solent and Dorset Coast' as it includes mainly open water habitat.
4. The statutory sites data was downloaded from Natural England on 1st April, so the data has been considered to be as at 31st March 2019. NE changed the projection parameters slightly since the last AMR. This has resulted in some small area changes for NNR, Ramsar, SPA and SSSI, which don't reflect changes on the ground.
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 2019)

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	2017/18 Total area (ha)	Change area (ha)
Priority habitat within Statutory sites combined	644	434	1,501	590	227	1,204	1,813	1,996	25,701	1,320	155	249	1,418	1,011	38,263	46.48	38,194	69
Priority habitat within SINC	4,300	521	3,341	401	149	1,346	307	1,612	1,834	172	231	258	3,672	3,860	22,004	26.73	21,697	307
Total combined	4,913	916	4,787	906	366	2,530	2,109	3,434	27,521	1,379	381	491	4,929	4,816	59,478	72.26	59,095	383
% of total Priority Habitat covered by all designations	57	73	60	70	86	56	95	68	90	96	65	83	53	57	72			

Notes:

1. The total area of Habitat in Hampshire (to LWM) & NF National Park = 82,297 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.

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 2019)

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)
Basingstoke & Deane	489	60.61%	243	30.17%	31	3.82%	3	0.36%					766
Eastleigh	197	46.19%	145	33.91%	84	19.68%					1	0.22%	427
East Hampshire	1,374	50.7%	1,331	49.09%	3	0.12%	2	0.08%					2,710
Fareham	242	42.97%	151	26.81%	165	29.39%	5	0.84%					563
Gosport District	57	21.34%	82	30.91%	120	45.33%	2	0.74%			4	1.68%	265
Hart	294	10.9%	2,177	80.76%	11	0.39%	129	4.79%	6	0.24%			2,617
Havant	48	1.77%	2,566	95.89%	63	2.34%							2,677
New Forest District	1,166	45.35%	1,213	47.17%	173	6.74%	19	0.73%					2,571
New Forest NP	17,079	53.06%	13,674	42.48%	973	3.02%	461	1.43%			2	0.01%	32,189
Portsmouth	170	9.53%	869	48.62%	746	41.75%					2	0.1%	1,787
Rushmoor	72	15.35%	393	83.37%		0%	6	1.28%					471
Southampton	111	51.28%	102	47.29%	3	1.43%							216
Test Valley	452	24.2%	1,208	64.65%	191	10.21%	18	0.94%					1,869
Winchester	384	29.26%	663	50.48%	182	13.85%	76	5.81%			8	0.59%	1,313
Grand Total	22,135	43.8%	24,817	49.1%	2,745	5.4%	721	1.4%	6	0%	17	0%	50,441

Summary:

1. The total amount of SSSI in Hampshire in 'Favourable' or 'Unfavourable Recovering' condition now lies at 92.9%, a decrease of 4.2% from 2017-18.
2. Data downloaded on 1st April 2019 from NE's website didn't have condition assessments for some of the Warnborough Green SSSI (HDC) and Butter Wood SSSI (HDC and BDBC) units, hence the 'loss' in SSSI total of c116ha compared to last year's figures – 50,441 ha instead of 50,557 ha
2. 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.
3. 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 2019)

District	%SSSI in 'Favourable' or 'Unfavourable Recovering' condition		
	2017/18	2018/19	Change
Basingstoke & Deane	95.83%	90.78%	-5.05%
Eastleigh	67.55%	80.11%	12.56%
East Hampshire	99.75%	99.79%	0.04%
Fareham	52.16%	69.77%	17.61%
Gosport District	76.68%	52.25%	-24.43%
Hart	94.88%	91.66%	-3.22%
Havant	97.23%	97.66%	0.43%
New Forest District	96.39%	92.52%	-3.87%
New Forest NP	96.08%	95.54%	-0.54%
Portsmouth	85.52%	58.15%	-27.37%
Rushmoor	98.72%	98.72%	0%
Southampton	51.42%	98.57%	47.15%
Test Valley	88.86%	88.85%	-0.01%
Winchester	79.75%	79.74%	-0.01%
Total	94.22%	93.08%	-1.14%

Summary

1. There continues to be several significant losses in the extent of 'Favourable or Unfavourable Recovering' SSSI units, this time in the coastal districts of Portsmouth and Gosport due to reassessments of mudflats which are now classed as 'unfavourable no change' due to ongoing eutrophication and growth of dense macroalgae mats
2. For Winchester the River Itchen continues to be assessed as 'Unfavourable no change' – it fails on phosphates and macrophyte diversity

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 2018 and 31st March 2019

District	SINCs (31/03/2018)		SINCs (31/03/2019)		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
BDBC	806	6,223.85	809	6,227.38	3	4.25	4	-0.72			3	3.53	0.06
EBC	148	819.11	150	821.04	2	1.93					2	1.93	0.24
EHDC	574	6,168.19	573	6,169.41	1	1.03	7	0.93	2	-0.74	-1	1.22	0.02
FBC	110	610.24	110	609.85			5	-0.39			0	-0.39	-0.06
GBC	37	369.26	39	373.29	2	4.03					2	4.03	1.09
HDC	287	2,030.88	282	2,028.28			6	-0.47	5	-2.13	-5	-2.60	-0.13
HvBC	145	881.97	145	881.97			3	0.00			0	0.00	0.00
NFDC	229	2,451.76	234	2,455.26	5	4.13	2	-0.63			5	3.50	0.14
NFNPA	391	3,040.53	395	3,045.84	4	5.36	3	-0.05			4	5.31	0.17
PCC	27	341.66	27	341.66							0	0.00	0.00
RBC	41	472.74	42	474.15	1	3.04	2	-1.63			1	1.41	0.30
SCC	49	423.22	49	425.87			3	2.65			0	2.65	0.63
TVBC	582	5,581.82	585	5,588.01	3	6.55	1	-0.36			3	6.19	0.11
WCC	691	6,758.49	692	6,526.85	2	12.97	6	17.27	1	-261.88	1	-231.64	-3.43
Total	4117	36,173.73	4132	35,968.87	23	43.29	42	16.60	8	-264.75	15	-204.86	-0.86

Summary:

1. There were 23 new SINC's approved by the SINC panel during 2018-19 resulting in an extra 43ha designated.
2. There were 8 SINC's approved for deletion by the SINC panel during 2018-19 with a loss of about -265ha, mainly due to the deletion of a large arable SINC at Micheldever previously used by Stone curlews
3. See individual District tables for details of new and deleted SINC's and major amendments to SINC's.

7. SINC in Positive Management (SD 160) - Not reported on for 2018-19

8 Changes in Notable Species Status over the period 2009 - 2019

Note: For the year to 31st March 2019 any change in status in the 50 species is as reported for the 2007-2017 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, and disturbance from recreation etc. Data will simply be presented as a change in population and distribution with anecdotal 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; are representative of the various habitat types present in Hampshire; cover both rural and urban areas; and are relevant to most local authorities.

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 data-sets 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 31st March 2019 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 2008-2018 records by District.

The species count for most districts and Unitaries have remained 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** ¹
<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] ²
<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 ³
<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**
<i>Hesperia comma</i>	silver-spotted skipper	Butterfly	Stable	Increase	Fluctuating	[Stable}	Decline	Decline ⁴

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

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

³ 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 is now showing a slow recovery from a low base in the North East of the county. *However, the Recent 'Beast from the East' has 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>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 ⁵
<i>Gammarus insensibilis</i> †	lagoon sand shrimp	Crustacean	Decline	Unknown	Unknown	[Unknown]	[Stable]	[Stable] ⁶
<i>Coenagrion mercuriale</i> †	southern damselfly	Dragonfly	Stable	Stable	Stable	[Stable]	Declining	Declining ⁷
<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* ⁸
<i>Epipactis phyllanthus</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 ⁹
<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**
<i>Zostera marina</i>	eelgrass	Flw Plant	Decline	Unknown	Stable	[Stable]	Stable	Stable ¹⁰

⁴ 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.

⁵ 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.

⁶ 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.

⁷ UK picture http://jncc.defra.gov.uk/pdf/Article17Consult_20131010/S1044_UK.pdf

⁸ Decline is marked outside the New Forest, where populations are probably stable.

⁹ Now extinct in VC12 North Hampshire

¹⁰ 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.

Sharing information about Hampshire's wildlife

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

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>Poronia punctata</i> †	nail fungus	Fungi	Stable	Stable	Stable	Stable	Declining	Declining ¹¹
<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 ¹²
<i>Eptesicus serotinus</i>	Serotine bat	Mammal	Stable	Decline**	[Decline]	Stable	Decline?	Decline? ¹³
<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* ¹⁴
<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 ¹⁵

¹¹ UK picture http://iucn.ekoo.se/iucn/species_view/198420/

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

¹³ 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).

¹⁴ 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.

¹⁵ 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 2008 to 2018

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

			B	EH	E	F	G	Ht	Hv	ND	NP	P	R	S	T	W
<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	✓	✓	x	▪	✓	▪	✓	✓	✓	▪	✓	✓	✓	✓
<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	▪	▪	x	▪	▪	▪	▪	✓	✓	✓	▪	▪	✓	✓
<i>Hemaris fuciformis</i>	Broad-bord. Bee Hawk-moth	Moths	✓	✓	▪	▪	✓	x	▪	✓	✓	▪	✓	▪	✓	✓
<i>Hypena rostralis</i>	Buttoned Snout	Moths	✓	✓	✓	✓	▪	x	✓	✓	✓	✓	✓	✓	✓	✓
<i>Minoa murinata</i>	Drab Looper	Moths	✓	▪	▪	▪	▪	✓	▪	✓	▪	▪	▪	▪	✓	✓
<i>Shargacucullia lychnitis</i>	Striped Lychnis	Moths	✓	✓	▪	✓	▪	✓	x	▪	▪	▪	▪	▪	✓	✓
<i>Coronella austriaca</i>	Smooth Snake	Reptiles	▪	✓	▪	▪	▪	✓	▪	✓	✓	▪	▪	▪	▪	▪
Total			32	36	25	30	24	27	27	41	40	30	20	25	39	41
Prev.total			31	36	28	29	24	29	28	41	40	31	18	25	39	40

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. It will be downloaded onto HBIC systems in due course

Sharing information about Hampshire's wildlife

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

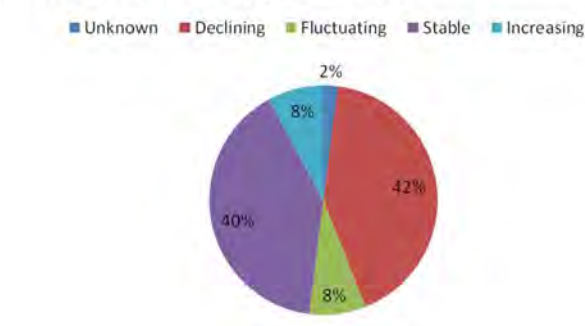
8.3 Summary of trends for the 50 Hampshire Notable Species – assessed in 2017 for the period 2007 – 2017.

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

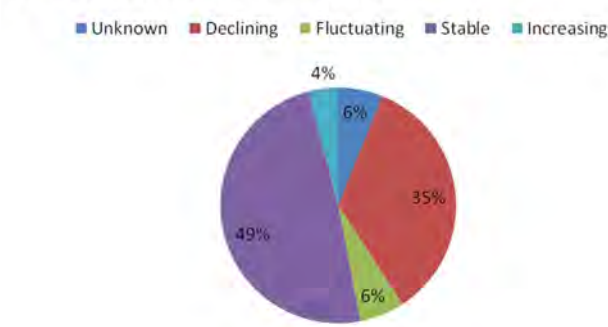
1. Assessed from Hampshire BAP 2000



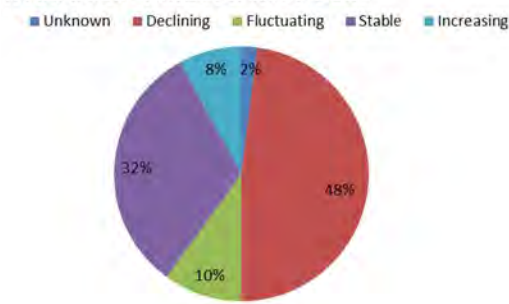
2. Assessed trends for 1995-2005



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 2019)

Priority Habitat	Comments on Status	Combined Hants area (ha)	% of Combined Hants area	BDBC area (ha)	% of BDBC area	2017/18 BDBC area (ha)	Change in area (ha)
Grasslands							
Lowland Calcareous Grassland	Comprehensive	2,052	0.53	231	0.36	222	9
Lowland Dry Acid Grassland	Comprehensive. Some overlap with Lowland Heath	3,676	0.95	24	0.04	24	0
Lowland Meadows	Comprehensive. Some overlap with Coastal and Floodplain Grazing Marsh and with Wood-Pasture and Parkland.	1,398	0.36	148	0.23	152	-4
Purple Moor Grass and Rush Pastures	Comprehensive. Some overlap with Coastal and Floodplain Grazing Marsh.	1,525	0.39	38	0.06	34	4
Heathlands							
Lowland Heathland	Comprehensive. Some overlap with Lowland Dry Acid Grassland.	11,833	3.05	180	0.28	180	0
Woodland, wood-pasture and parkland							
Lowland Beech and Yew Woodland	Not complete. On-going work to distinguish from Lowland Mixed Deciduous Woodland.	284	0.07	8.6	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.	36,514	9.40	6,269	9.89	6,278	-9
Wet Woodland	Fairly complete. Areas will exist in LMDW that are not yet surveyed for qualifying types.	2,089	0.54	419	0.66	417	2
Wood-Pasture and Parkland	Not complete. Further work needed to classify this habitat within historic parkland.	5,548	1.43	522	0.82	506	16
Arable, orchards and hedgerows							
Arable Field Margins	Incomplete. Figures only show SINC's on arable land designated for rare arable plant assemblages.	[92]	[0.02]	[27.4]	[0.04]	[26]	[1]
Hedgerows	No comprehensive information for Priority hedgerows. All hedgerows mapped as linear features (km).	[16,448]	n/a	[2,712]	n/a	[2,712]	[0]
Traditional Orchards	Work to be undertaken to incorporate areas recently identified by PTES under contract to NE.	0	0.00				

Priority Habitat	Comments on Status	Combined Hants area (ha)	% of Combined Hants area	BDBC area (ha)	% of BDBC area	2017/18 BDBC area (ha)	Change in area (ha)
Open waters							
Eutrophic Standing Waters	No comprehensive information yet available.	46	0.01	0.1	0.00	0	0
Rivers	Incomplete data. Approx. figures for Chalk Rivers only calculated from EA's River GIS layer (km).	[629]	n/a	[101]	n/a	[101]	[0]
Wetlands							
Coastal and Floodplain Grazing Marsh	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	799	1.26	812	-13
Lowland Fens	Comprehensive.	1,899	0.49	3	0.00	3	0
Reedbeds	Not complete.	252	0.06	2.0	0.00	2	0
Total		76,529	19.70	8,644	13.64	8,639	5

Summary: A small gain in Priority habitat of 5ha

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. An increase in the area for Arable Field Margins is because of new survey information, including for "Field South of Bramdown Copse (BD0292)"
4. 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.
5. 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 2019)

Designation	Combined Hants sites (no)	Combined Hants area (ha)	Combined Hants area (%)	BDBC sites (no)	BDBC area (ha)	BDBC area (%)	2017/18 BDBC area (ha)	Change (ha)
LNR	68	2,388	1	7	245	0.39	245	0
NNR	11	2,173	1	1	23	0.04	23	0
RAMSAR	10	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	243	51,372	13	28	861	1.36	861	0
SINC	4,132	35,968	9	809	6,227	9.83	6,224	4

Summary:

1. There were no changes to statutory sites during 2018/19.
2. For details of any new, amended and deleted SINC's 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 2019)

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 2019)

Designated Sites	Combined Hants area (ha)	Combined Hants area (%)	BDBC (ha)	BDBC area (%)	2017/18 BDBC area (ha)	Change area (ha)
Total combined	59,478	72.3	4,913	56.8	4,871	42

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 2019 = 8,644ha.

09.4 Condition of Sites of Special Scientific Interest (SSSIs)

Table 09E: Conditions of Sites of Special Scientific Interest (SSSIs) (as at 31st March 2019)

Condition	Combined Hants area (ha)	Combined Hants area (%)	BDBC area (ha)	BDBC area (%)	2017/18 BDBC area (ha)	Change in area (ha)
Favourable	22,135.03	43.8	488.77	60.6	488.77	0.00
Unfavourable Recovering	24,815.93	49.1	243.25	30.2	283.75	-40.50
Unfavourable no Change	2,745.02	5.4	30.79	3.8	30.77	0.02
Unfavourable Declining	720.61	1.4	2.87	0.4	2.87	0.00
Part Destroyed	6.34	0.0				
Destroyed	17.44	0.0				
Grand Total	50,440.37	99.8	765.68	95.0	806.16	-40.48

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. The number of SSSIs remains the same. **Any small change in area is normally due to NE re-digitising boundaries or in this case, unusually, several SSSI units without a condition assessment at the time the data was downloaded from MAGIC – for Warnborough Green and Butter Wood SSSIs**

09.5 SINC changes observed and recorded

Table 09F: Extent of changes to SINC observed and recorded between 1st April 2018 and 31st March 2019

SINCS	Hants sites (no)	Hants sites (area)	BDBC sites (no)	BDBC sites (area)
Total sites (2017/18)	4,117	36,173.73	806	6,223.85
New Sites	23	43.29	3	4.25
Amended Sites	42	16.60	4	-0.72
Deleted sites	8	-264.75		0.00
Total sites (2018/19)	4,132	35,968.87	809	6,227.38
Net change	15	-204.86	3	3.53
% change in area		-0.86		0.06

Notes:

1. Data extracted from HBIC SINC layer between 1st April 2018 and 31st March 2019.

2. Incorporates the decisions from November 2018 panel.

Table 09G: New SINC approved between 1st April 2018 and 31st March 2019

Site Ref	Site Name	New Size (ha)	New Criteria	Panel date
BD0825	Wooded Moat off Farm View Drive, Chineham	0.19	1B	Nov 2018
BD0824	Dicken's Lane Plantation	1.50	6A	Nov 2018
BD0823	Marnel Park Grasslands	2.56	6A	Nov 2018

Table 09H: Deleted SINC approved between 1st April 2018 and 31st March 2019

No SINC in Basingstoke and Deane Borough Council were deleted during 2018-2019.

Table 09I: Major amendments to SINC between 1st April 2018 and 31st March 2019

Site Ref	Site Name	Reason	Old Size (ha)	New Size (ha)	Old Criteria	New Criteria
BD0828	Longcroft Road Fen	Lack of management			2B/5B/6A	1Cii/5B
BD0826	George Street Fen	Lack of management			2B/5B/6A	1Cii/5B/6A
BD0810	Chineham Business Park / Petty's Brook	New Survey or Information			2B/6A	1A/2D/5B
BD0676	Sherfield Village Green	Lack of management	6.56	5.84	2B/3A/6A	2B/2D/3A/6A

10 Eastleigh Borough Council

10.1 Priority habitats

Table 10A: Extent of Priority habitats (as at 31st March 2019)

Priority Habitat	Comments on Status	Combined Hants area (ha)	% of Combined Hants area	EBC area (ha)	% of EBC area	2017/18 EBC area (ha)	Change in area (ha)
Grasslands							
Lowland Calcareous Grassland	Comprehensive	2,052	0.53				
Lowland Dry Acid Grassland	Comprehensive. Some overlap with Lowland Heath	3,676	0.95	1	0.01	1	0
Lowland Meadows	Comprehensive. Some overlap with Coastal and Floodplain Grazing Marsh and with Wood-Pasture and Parkland.	1,398	0.36	33	0.39	33	0
Purple Moor Grass and Rush Pastures	Comprehensive. Some overlap with Coastal and Floodplain Grazing Marsh.	1,525	0.39	32	0.38	32	0
Heathlands							
Lowland Heathland	Comprehensive. Some overlap with Lowland Dry Acid Grassland.	11,833	3.05	16	0.19	16	0
Woodland, wood-pasture and parkland							
Lowland Beech and Yew Woodland	Not complete. On-going work to distinguish from Lowland Mixed Deciduous Woodland.	284	0.07	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.	36,530	9.40	554	6.50	544	10
Wet Woodland	Fairly complete. Areas will exist in LMDW that are not yet surveyed for qualifying types.	2,089	0.54	122	1.43	118	4
Wood-Pasture and Parkland	Not complete. Further work needed to classify this habitat within historic parkland.	5,548	1.43	3	0.04	3	0
Arable, orchards and hedgerows							
Arable Field Margins	Incomplete. Figures only show SINC on arable land designated for rare arable plant assemblages.	[92]	[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	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	2017/18 EBC area (ha)	Change in area (ha)
Open waters							
Eutrophic Standing Waters	No comprehensive information yet available.	46	0.01	0.1	0.00	0	0
Rivers	Incomplete data. Approx. figures for Chalk Rivers only calculated from EA's River GIS layer (km).	[634]	n/a	[24]	n/a	[24]	[0]
Wetlands							
Coastal and Floodplain Grazing Marsh	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	323	-1
Lowland Fens	Comprehensive.	1,899	0.49				
Reedbeds	Not complete.	252	0.06	9.2	0.11	9	0
Coastal							
Coastal saltmarsh	EA data partly verified.	897	0.23	29	0.34	29	0
Coastal Sand Dunes	EA data partly verified.	47	0.01	0.1	0.00	0	0
Coastal Vegetated Shingle	Comprehensive.	218	0.06	3.4	0.04	3	0
Intertidal mudflats	EA data partly verified.	4,460	1.15	136	1.59	136	0
Maritime Cliff and Slopes	Comprehensive.	43	0.01				
Saline lagoons	Comprehensive.	54	0.01				
Marine							
Seagrass beds	Not comprehensive. Separate HWT data available.	49	0.01				
Total		82,297	21.19	1,262	14.80	1,249	13

Summary: A small gain overall in Priority habitat of 13ha

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 2019)

Designation	Combined Hants sites (no)	Combined Hants area (ha)	Combined Hants area (%)	EBC sites (no)	EBC area (ha)	EBC area (%)	2017/18 EBC area (ha)	Change (ha)
LNR	68	2,388	1	6	232	2.72	232	0
NNR	11	2,173	1					
RAMSAR	10	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	243	51,372	13	15	633	7.42	633	0
SINC	4,132	35,968	9	150	821	9.63	819	2

Summary:

1. There were no changes to statutory sites during 2018/19.
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 2019)

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
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 2019)

Designated Sites	Combined Hants area (ha)	Combined Hants area (%)	EBC (ha)	EBC area (%)	2017/18 EBC area (ha)	Change area (ha)
Total combined	59,478	72.3	916	72.5	902	14

Summary:

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

Notes:

1. Total Priority habitat in Eastleigh as at 31st March 2019 = 1,262ha.

10.4 Condition of Sites of Special Scientific Interest (SSSIs)

Table 10E: Conditions of Sites of Special Scientific Interest (SSSIs) (as at 31st March 2019)

Condition	Combined Hants area (ha)	Combined Hants area (%)	EBC area (ha)	EBC area (%)	2017/18 EBC area (ha)	Change in area (ha)
Favourable	22,135.03	43.8	197.32	46.2	105.77	91.55
Unfavourable Recovering	24,815.93	49.1	144.87	33.9	182.61	-37.74
Unfavourable no Change	2,745.02	5.4	84.05	19.7	105.97	-21.92
Unfavourable Declining	720.61	1.4			31.65	
Part Destroyed	6.34	0.0				
Destroyed	17.44	0.0	0.93	0.2	0.93	0.00
Grand Total	50,440.37	99.8	427.17	100.0	426.93	0.24

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 small change in area is due to NE re-digitising boundaries. The number of SSSIs remains the same.

10.5 SINC changes observed and recorded

Table 10F: Extent of changes to SINC observed and recorded between 1st April 2018 and 31st March 2019

SINCS	Hants sites (no)	Hants sites (area)	EBC sites (no)	EBC sites (area)
Total sites (2017/18)	4,117	36,173.73	148	819.11
New Sites	23	43.29	2	1.93
Amended Sites	42	16.60		
Deleted sites	8	-264.75		
Total sites (2018/19)	4,132	35,968.87	150	821.04
Net change	15	-204.86	2	1.93
% change in area		-0.86		0.24

Notes:

1. Data extracted from HBIC SINC layer between 1st April 2018 and 31st March 2019.
2. Incorporates the decisions from November 2018 panel.

Table 10G: New SINC approved between 1st April 2018 and 31st March 2019

Site Ref	Site Name	New Size (ha)	New Criteria	Panel date
EA0154	Lower Itchen Headwater, Stocks Farm	1.47	2B/5B	Nov 2018
EA0153	Monks Brook, Fleming Park	0.46	5A/5B/6A	Nov 2018

Table 10H: Deleted SINC approved between 1st April 2018 and 31st March 2019

No SINC in Eastleigh Borough Council were deleted during 2018-2019.

Table 10I: Major amendments to SINC between 1st April 2018 and 31st March 2019

No major amendments were made to SINC in Eastleigh Borough Council during 2018-2019.

12 Fareham Borough Council

12.1 Priority habitats

Table 12A: Extent of Priority habitats (as at 31st March 2019)

Priority Habitat	Comments on Status	Combined Hants area (ha)	% of Combined Hants area	FBC area (ha)	% of FBC area	2017/18 FBC area (ha)	Change in area (ha)
Grasslands							
Lowland Calcareous Grassland	Comprehensive	2,052	0.53	16	0.21	17	-1
Lowland Dry Acid Grassland	Comprehensive. Some overlap with Lowland Heath	3,676	0.95	6	0.08	6	0
Lowland Meadows	Comprehensive. Some overlap with Coastal and Floodplain Grazing Marsh and with Wood-Pasture and Parkland.	1,398	0.36	23	0.30	24	-1
Purple Moor Grass and Rush Pastures	Comprehensive. Some overlap with Coastal and Floodplain Grazing Marsh.	1,525	0.39	4	0.05	4	0
Heathlands							
Lowland Heathland	Comprehensive. Some overlap with Lowland Dry Acid Grassland.	11,833	3.05	2	0.03	2	0
Woodland, wood-pasture and parkland							
Lowland Beech and Yew Woodland	Not complete. On-going work to distinguish from Lowland Mixed Deciduous Woodland.	284	0.07				
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.	36,530	9.40	455	5.85	455	0
Wet Woodland	Fairly complete. Areas will exist in LMDW that are not yet surveyed for qualifying types.	2,089	0.54	53	0.68	51	2
Wood-Pasture and Parkland	Not complete. Further work needed to classify this habitat within historic parkland.	5,548	1.43	22	0.28	22	0
Arable, orchards and hedgerows							
Arable Field Margins	Incomplete. Figures only show SINC on arable land designated for rare arable plant assemblages.	[92]	[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	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	2017/18 FBC area (ha)	Change in area (ha)
Open waters							
Eutrophic Standing Waters	No comprehensive information yet available.	46	0.01	1.1	0.01		1
Rivers	Incomplete data. Approx. figures for Chalk Rivers only calculated from EA's River GIS layer (km).	[634]	n/a	[11]	n/a	[11]	[0]
Wetlands							
Coastal and Floodplain Grazing Marsh	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	342	4.40	343	-1
Lowland Fens	Comprehensive.	1,899	0.49				
Reedbeds	Not complete.	252	0.06	49.3	0.63	49	0
Coastal							
Coastal saltmarsh	EA data partly verified.	897	0.23	30	0.39	30	0
Coastal Sand Dunes	EA data partly verified.	47	0.01	0.0	0.00	0	0
Coastal Vegetated Shingle	Comprehensive.	218	0.06	11.9	0.15	12	0
Intertidal mudflats	EA data partly verified.	4,460	1.15	271	3.48	270	1
Maritime Cliff and Slopes	Comprehensive.	43	0.01	1.4	0.02	1	0
Saline lagoons	Comprehensive.	54	0.01	1.2	0.02	1	0
Marine							
Seagrass beds	Not comprehensive. Separate HWT data available.	49	0.01				
Total		82,297	21.19	1,289	16.57	1,288	1

Summary: An overall gain on Priority habitat of 1ha

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. Increase in area for Eutrophic Standing Waters because of new survey information for 'Titchfield Abbey surrounds'.
3. 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.
4. 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 2019)

Designation	Combined Hants sites (no)	Combined Hants area (ha)	Combined Hants area (%)	FBC sites (no)	FBC area (ha)	FBC area (%)	2016/17 FBC area (ha)	Change (ha)
LNR	66	2,370	1	6	418	5.38	418	0
NNR	11	2,172	1	1	120	1.54	120	0
RAMSAR	6	36,990	10	2	540	6.94	540	0
SAC	13	37,091	10	1	195	2.51	195	0
SPA	10	41,791	11	2	526	6.77	527	0
SSSI	131	50,556	13	6	563	7.23	563	-1
Stat Sites Combined	237	51,372	13	18	749	9.62	749	0
SINC	4,117	36,174	9	110	610	7.84	610	0

Summary:

1. There were no changes to statutory sites during 2018/19.
2. For details of any new, amended and deleted SINCs 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.
2. NE changed the projection parameters slightly since the last AMR. That results in small area changes SPA, which don't reflect changes on the ground.
3. Any small change in area of statutory sites is due to NE re-digitising boundaries. The number of SSSIs remains the same.

Table 12C: Statutory Designated Sites (as at 31st March 2019)

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 2019)

Designated Sites	Combined Hants area (ha)	Combined Hants area (%)	FBC (ha)	FBC area (%)	2017/18 FBC area (ha)	Change area (ha)
Total combined	59,478	72.3	906	70.3	910	-4

Summary:

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

Notes:

1. Total Priority habitat in Fareham as at 31st March 2019 = 1,289ha.

12.4 Condition of Sites of Special Scientific Interest (SSSIs)

Table 12E: Conditions of Sites of Special Scientific Interest (SSSIs) (as at 31st March 2019)

Condition	Combined Hants area (ha)	Combined Hants area (%)	FBC area (ha)	FBC area (%)	2017/18 FBC area (ha)	Change in area (ha)
Favourable	22,135.03	43.8	241.96	43.0	106.79	135.17
Unfavourable Recovering	24,815.93	49.1	150.95	26.8	186.67	-35.72
Unfavourable no Change	2,745.02	5.4	165.50	29.4	264.46	-98.96
Unfavourable Declining	720.61	1.4	4.73	0.8	4.73	0.00
Part Destroyed	6.34	0.0				
Destroyed	17.44	0.0				
Grand Total	50,440.37	99.8	563.15	100.0	562.65	0.50

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.

12.5 SINC changes observed and recorded

Table 12F: Extent of changes to SINC's observed and recorded between 1st April 2018 and 31st March 2019

SINCS	Hants sites (no)	Hants sites (area)	FBC sites (no)	FBC sites (area)
Total sites (2017/18)	4,117	36,173.73	110	610.24
New Sites	23	43.29		
Amended Sites	42	16.60	5	-0.39
Deleted sites	8	-264.75		
Total sites (2018/18)	4,132	35,968.87	110	609.85
Net change	15	-204.86		-0.39
% change in area		-0.86		-0.06

Notes:

1. Data extracted from HBIC SINC layer between 1st April 2018 and 31st March 2019.

2. Incorporates the decisions from November 2018 panel.

Table 12G: New SINC approved between 1st April 2018 and 31st March 2019

No new SINC in Fareham Borough Council were approved during 2018-2019.

Table 12H: Deleted SINC approved between 1st April 2018 and 31st March 2019

No SINC in Fareham Borough Council were deleted during 2018-2019.

Table 12I: Major amendments to SINC between 1st April 2018 and 31st March 2019

Site Ref	Site Name	Reason	Old Size (ha)	New Size (ha)	Old Criteria	New Criteria
FA0108	Meadow South of Burridge Road	Development (direct or indirect)	0.82	0.7		
FA0095	Down End Road Verge	Lack of management			2A	2B
FA0045	Sylvan Glade	Development (direct or indirect)	3.6	3.43		
FA0037	Gull Coppice (West)	Habitat Creation/Restoration	1.56	1.83		
FA0041	Gull Coppice (Central)	Development (direct or indirect)	1.64	1.27		

13 Gosport Borough Council

13.1 Priority habitats

Table 13A: Extent of Priority habitats (as at 31st March 2019)

Priority Habitat	Comments on Status	Combined Hants area (ha)	% of Combined Hants area	GBC area (ha)	% of GBC area	2017/18 GBC area (ha)	Change in area (ha)
Grasslands							
Lowland Calcareous Grassland	Comprehensive	2,052	0.53				
Lowland Dry Acid Grassland	Comprehensive. Some overlap with Lowland Heath	3,676	0.95	10	0.36	9	1
Lowland Meadows	Comprehensive. Some overlap with Coastal and Floodplain Grazing Marsh and with Wood-Pasture and Parkland.	1,398	0.36	12	0.44	12	0
Purple Moor Grass and Rush Pastures	Comprehensive. Some overlap with Coastal and Floodplain Grazing Marsh.	1,525	0.39	1	0.04	1	0
Heathlands							
Lowland Heathland	Comprehensive. Some overlap with Lowland Dry Acid Grassland.	11,833	3.05	4	0.15	4	0
Woodland, wood-pasture and parkland							
Lowland Beech and Yew Woodland	Not complete. On-going work to distinguish from Lowland Mixed Deciduous Woodland.	284	0.07				
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.	36,530	9.40	77	2.80	77	0
Wet Woodland	Fairly complete. Areas will exist in LMDW that are not yet surveyed for qualifying types.	2,089	0.54	22	0.80	20	2
Wood-Pasture and Parkland	Not complete. Further work needed to classify this habitat within historic parkland.	5,548	1.43	15	0.55	15	0
Arable, orchards and hedgerows							
Arable Field Margins	Incomplete. Figures only show SINC's on arable land designated for rare arable plant assemblages.	[92]	[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	0.00				

Priority Habitat	Comments on Status	Combined Hants area (ha)	% of Combined Hants area	GBC area (ha)	% of GBC area	2017/18 GBC area (ha)	Change in area (ha)
Open waters							
Eutrophic Standing Waters	No comprehensive information yet available.	46	0.01	1.9	0.07	2	0
Rivers	Incomplete data. Approx. figures for Chalk Rivers only calculated from EA's River GIS layer (km).	[634]	n/a	[0]	n/a	[0]	[0]
Wetlands							
Coastal and Floodplain Grazing Marsh	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	58	2.11	58	0
Lowland Fens	Comprehensive.	1,899	0.49	0	0.00	0	0
Reedbeds	Not complete.	252	0.06	14.0	0.51	14	0
Coastal							
Coastal saltmarsh	EA data partly verified.	897	0.23	28	1.02	28	0
Coastal Sand Dunes	EA data partly verified.	47	0.01	0.4	0.01	0	0
Coastal Vegetated Shingle	Comprehensive.	218	0.06	62.6	2.28	63	0
Intertidal mudflats	EA data partly verified.	4,460	1.15	111	4.04	111	0
Maritime Cliff and Slopes	Comprehensive.	43	0.01				
Saline lagoons	Comprehensive.	54	0.01	9.1	0.33	9	0
Marine							
Seagrass beds	Not complete. Separate HWT data available.	49	0.01				
Total		82,297	21.19	426	15.49	423	3

Summary: An overall gain 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.

13.2 Nature Conservation Designations

Table 13B: Extent of Nature Conservation Designations (as at 31st March 2019)

Designation	Combined Hants sites (no)	Combined Hants area (ha)	Combined Hants area (%)	GBC sites (no)	GBC area (ha)	GBC area (%)	2017/18 GBC area (ha)	Change (ha)
LNR	68	2,388	1	2	40	1.45	40	0
NNR	11	2,173	1					
RAMSAR	10	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
Stat Sites Combined	243	51,372	13	12	277	10.08	277	0
SINC	4,132	35,968	9	39	373	13.57	369	4

Summary:

1. There were no changes to statutory sites during 2018/19.
2. For details of any new, amended and deleted SINC's 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 2019)

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	Browdown	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 2019)

Designated Sites	Combined Hants area (ha)	Combined Hants area (%)	GBC (ha)	GBC area (%)	2017/18 GBC area (ha)	Change area (ha)
Total combined	59,478	72.3	366	85.9	363	3

Summary:

1. Approx. 86% of Priority habitat in Gosport District lies within designated sites.

Notes:

1. Total Priority habitat in Gosport District as at 31st March 2019 = 426ha.

13.4 Condition of Sites of Special Scientific Interest (SSSIs)

Table 13E: Conditions of Sites of Special Scientific Interest (SSSIs) (as at 31st March 2019)

Condition	Combined Hants area (ha)	Combined Hants area (%)	GBC area (ha)	GBC area (%)	2017/18 GBC area (ha)	Change in area (ha)
Favourable	22,135.03	43.8	56.59	21.3	32.22	24.37
Unfavourable Recovering	24,815.93	49.1	82.00	30.9	171.12	-89.12
Unfavourable no Change	2,745.02	5.4	120.23	45.3	55.44	64.79
Unfavourable Declining	720.61	1.4	1.95	0.7	1.95	0.00
Part Destroyed	6.34	0.0				
Destroyed	17.44	0.0	4.46	1.7	4.46	0.00
Grand Total	50,440.37	99.8	265.23	100.0	265.23	0.00

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.

13.5 SINC changes observed and recorded

Table 13F: Extent of changes to SINC sites observed and recorded between 1st April 2018 and 31st March 2019

SINCS	Hants sites (no)	Hants sites (area)	GBC sites (no)	GBC sites (area)
Total sites (2017/18)	4,117	36,173.73	37	369.26
New Sites	23	43.29	2	4.03
Amended Sites	42	16.60		
Deleted sites	8	-264.75		
Total sites (2018/19)	4,132	35,968.87	39	373.29
Net change	15	-204.86	2	4.03
% change in area		-0.86		1.09

Notes:

1. Data extracted from HBIC SINC layer between 1st April 2018 and 31st March 2019.
2. Incorporates the decisions from November 2018 panel.

Table 13G: New SINC sites approved between 1st April 2018 and 31st March 2019

Site Ref	Site Name	New Size (ha)	New Criteria	Panel date
GO0041	Fort Grange	0.18	2B/6A	Nov 2018
GO0040	Fort Rowner	3.85	2B/5A/6A	Nov 2018

Table 13H: Deleted SINC sites approved between 1st April 2018 and 31st March 2019

No SINC sites in Gosport Borough Council were deleted during 2018-2019.

Table 13I: Major amendments to SINC sites between 1st April 2018 and 31st March 2019

No major amendments were made to SINC sites in Gosport Borough Council during 2018-2019.

15 Havant Borough Council

15.1 Priority habitats

Table 15A: Extent of Priority habitats (as at 31st March 2019)

Priority Habitat	Comments on Status	Combined Hants area (ha)	% of Combined Hants area	HVBC area (ha)	% of HVBC area	2017/18 HVBC area (ha)	Change in area (ha)
Grasslands							
Lowland Calcareous Grassland	Comprehensive	2,052	0.53	5	0.06	5	0
Lowland Dry Acid Grassland	Comprehensive. Some overlap with Lowland Heath	3,676	0.95	21	0.27	21	0
Lowland Meadows	Comprehensive. Some overlap with Coastal and Floodplain Grazing Marsh and with Wood-Pasture and Parkland.	1,398	0.36	32	0.40	32	0
Purple Moor Grass and Rush Pastures	Comprehensive. Some overlap with Coastal and Floodplain Grazing Marsh.	1,525	0.39	5	0.06	5	0
Heathlands							
Lowland Heathland	Comprehensive. Some overlap with Lowland Dry Acid Grassland.	11,833	3.05	1	0.01	1	0
Woodland, wood-pasture and parkland							
Lowland Beech and Yew Woodland	Not complete. On-going work to distinguish from Lowland Mixed Deciduous Woodland.	284	0.07				
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.	36,514	9.40	185	2.34	185	0
Wet Woodland	Fairly complete. Areas will exist in LMDW that are not yet surveyed for qualifying types.	2,089	0.54	37	0.47	37	0
Wood-Pasture and Parkland	Not complete. Further work needed to classify this habitat within historic parkland.	5,548	1.43	15	0.19	15	0
Arable, orchards and hedgerows							
Arable Field Margins	Incomplete. Figures only show SINC's on arable land designated for rare arable plant assemblages.	[92]	[0.02]	[34.4]	[0.43]	[34]	[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	0.00				

Priority Habitat	Comments on Status	Combined Hants area (ha)	% of Combined Hants area	HVBC area (ha)	% of HVBC area	2017/18 HVBC area (ha)	Change in area (ha)
Open waters							
Eutrophic Standing Waters	No comprehensive information yet available.	46	0.01				
Rivers	Incomplete data. Approx. figures for Chalk Rivers only calculated from EA's River GIS layer (km).	[634]	n/a	[0]	n/a	[0]	[0]
Wetlands							
Coastal and Floodplain Grazing Marsh	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
Lowland Fens	Comprehensive.	1,899	0.49				
Reedbeds	Not complete.	252	0.06	1.9	0.02	2	0
Coastal							
Coastal saltmarsh	EA data partly verified.	897	0.23	211	2.67	210	1
Coastal Sand Dunes	EA data partly verified.	47	0.01	39.7	0.50	40	0
Coastal Vegetated Shingle	Comprehensive.	218	0.06	46.7	0.59	47	0
Intertidal mudflats	EA data partly verified.	4,460	1.15	1,410	17.83	1,380	30
Maritime Cliff and Slopes	Comprehensive.	43	0.01	0.8	0.01	1	0
Saline lagoons	Comprehensive.	54	0.01	4.5	0.06	5	0
Marine							
Seagrass beds	Not complete. Separate HWT data available.	49	0.01	45.6	0.58	46	0
Total		82,297	21.19	2,231	28.21	2,200	31

Summary: An overall gain in Priority habitat of 31ha

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. Increase in area for Intertidal mudflats because of new survey information. Mainly includes Langstone Harbour
3. 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.
4. Minor changes in area might not always reflect real change, but are results of a rounding of figures.

15.2 Nature Conservation Designations

Table 15B: Extent of Nature Conservation Designations (as at 31st March 2019)

Designation	Combined Hants sites (no)	Combined Hants area (ha)	Combined Hants area (%)	HVBC sites (no)	HVBC area (ha)	HVBC area (%)	2017/18 HVBC area (ha)	Change (ha)
LNR	68	2,388	1	8	218	2.75	218	0
NNR	11	2,173	1					
RAMSAR	10	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	2,676	1
Stat Sites Combined	243	51,372	13	15	2,717	34.35	2,717	0
SINC	4,132	35,968	9	145	882	11.15	882	0

Summary:

1. There were no changes to statutory sites during 2018/19.
2. For details of any new, amended and deleted SINCs see tables 15G, H & I.

Notes:

1. NE changed the projection parameters slightly since the last AMR. This has resulted in small area changes for SSSI, which don't reflect changes on the ground.
2. 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 2019)

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 2019)

Designated Sites	Combined Hants area (ha)	Combined Hants area (%)	HVBC (ha)	HVBC area (%)	2017/18 HVBC area (ha)	Change area (ha)
Total combined	59,478	72.3	2,109	94.5	2,083	26

Summary:

1. Approx. 95% of Priority habitat in Havant lies within designated sites.

Notes:

1. Total Priority habitat in Havant as at 31st March 2019 = 2,231ha.

15.4 Condition of Sites of Special Scientific Interest (SSSIs)

Table 15E: Conditions of Sites of Special Scientific Interest (SSSIs) (as at 31st March 2019)

Condition	Combined Hants area (ha)	Combined Hants area (%)	HVBC area (ha)	HVBC area (%)	2017/18 HVBC area (ha)	Change in area (ha)
Favourable	22,135.03	43.8	47.51	1.8	35.93	11.58
Unfavourable Recovering	24,815.93	49.1	2,566.46	95.9	2,565.99	0.47
Unfavourable no Change	2,745.02	5.4	62.61	2.3	74.23	-11.62
Unfavourable Declining	720.61	1.4				
Part Destroyed	6.34	0.0				
Destroyed	17.44	0.0				
Grand Total	50,440.37	99.8	2,676.58	100.0	2,676.15	0.43

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 SINC's observed and recorded between 1st April 2018 and 31st March 2019

SINCS	Hants sites (no)	Hants sites (area)	HVBC sites (no)	HVBC sites (area)
Total sites (2017/18)	4,117	36,173.73	145	881.97
New Sites	23	43.29		
Amended Sites	42	16.60	3	0.00
Deleted sites	8	-264.75		
Total sites (2018/19)	4,132	35,968.87	145	881.97
Net change	15	-204.86		0.00
% change in area		-0.86		0.00

Notes:

1. Data extracted from HBIC SINC layer between 1st April 2018 and 31st March 2019.
2. Incorporates the decisions from November 2018 panel.

Table 15G: New SINC's approved between 1st April 2018 and 31st March 2019

No new SINC's in Havant Borough Council were approved during 2018-2019.

Table 15H: Deleted SINC's approved between 1st April 2018 and 31st March 2019

No SINC's in Havant Borough Council were deleted during 2018-2019.

Table 15I: Major amendments to SINC's between 1st April 2018 and 31st March 2019

Site Ref	Site Name	Reason	Old Size (ha)	New Size (ha)	Old Criteria	New Criteria
HV0086	Lower Beacon Field	Data correction/reinterpretation			2A	2B/5B
HV0070	Thicket Lawn	Data correction/reinterpretation			2A	2B/5B
HV0081	High Lawn	Positive management			2B	2B/5B

18 Portsmouth City Council

18.1 Priority habitats

Table 18A: Extent of Priority habitats (as at 31st March 2019)

Priority Habitat	Comments on Status	Combined Hants area (ha)	% of Combined Hants area	PCC area (ha)	% of PCC area	2017/18 PCC area (ha)	Change in area (ha)
Grasslands							
Lowland Calcareous Grassland	Comprehensive	2,052	0.53	55	0.91	55	0
Lowland Dry Acid Grassland	Comprehensive. Some overlap with Lowland Heath	3,676	0.95	7	0.12	7	0
Lowland Meadows	Comprehensive. Some overlap with Coastal and Floodplain Grazing Marsh and with Wood-Pasture and Parkland.	1,398	0.36	20	0.33	20	0
Purple Moor Grass and Rush Pastures	Comprehensive. Some overlap with Coastal and Floodplain Grazing Marsh.	1,525	0.39				
Heathlands							
Lowland Heathland	Comprehensive. Some overlap with Lowland Dry Acid Grassland.	11,833	3.05				
Woodland, wood-pasture and parkland							
Lowland Beech and Yew Woodland	Not complete. On-going work to distinguish from Lowland Mixed Deciduous Woodland.	284	0.07				
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.	36,514	9.40	8	0.13	8	0
Wet Woodland	Fairly complete. Areas will exist in LMDW that are not yet surveyed for qualifying types.	2,089	0.54	1	0.02	1	0
Wood-Pasture and Parkland	Not complete. Further work needed to classify this habitat within historic parkland.	5,548	1.43	10	0.17	10	0
Arable, orchards and hedgerows							
Arable Field Margins	Incomplete. Figures only show SINC on arable land designated for rare arable plant assemblages.	[92]	[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	0.00				

Priority Habitat	Comments on Status	Combined Hants area (ha)	% of Combined Hants area	PCC area (ha)	% of PCC area	2017/18 PCC area (ha)	Change in area (ha)
Open waters							
Eutrophic Standing Waters	No comprehensive information yet available.	46	0.01				
Rivers	Incomplete data. Approx. figures for Chalk Rivers only calculated from EA's River GIS layer (km).	[634]	n/a	[0]	n/a	[0]	[0]
Wetlands							
Coastal and Floodplain Grazing Marsh	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	86	1.43	83	3
Lowland Fens	Comprehensive.	1,899	0.49				
Reedbeds	Not complete.	252	0.06	20.9	0.35	21	0
Coastal							
Coastal saltmarsh	EA data partly verified.	897	0.23	60	1.00	58	2
Coastal Sand Dunes	EA data partly verified.	47	0.01	0.3	0.00	0	0
Coastal Vegetated Shingle	Comprehensive.	218	0.06	21.2	0.35	22	-1
Intertidal mudflats	EA data partly verified.	4,460	1.15	1,135	18.87	1,124	11
Maritime Cliff and Slopes	Comprehensive.	43	0.01				
Saline lagoons	Comprehensive.	54	0.01	3.6	0.06	4	0
Marine							
Seagrass beds	Not complete. Separate HWT data available.	49	0.01	3.3	0.05	3	0
Total		82,297	21.19	1,431	23.80	1,416	15

Summary: An overall gain in Priority habitat of 15ha

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 2019)

Designation	Combined Hants sites (no)	Combined Hants area (ha)	Combined Hants area (%)	PCC sites (no)	PCC area (ha)	PCC area (%)	2017/18 PCC area (ha)	Change (ha)
LNR	68	2,388	1	1	118	1.97	118	0
NNR	11	2,173	1					
RAMSAR	10	36,993	10	2	1,708	28.40	1,707	1
SAC	13	37,091	10	2	542	9.02	542	0
SPA	10	41,797	11	2	1,708	28.40	1,707	1
SSSI	131	50,559	13	3	1,787	29.71	1,787	0
Stat Sites Combined	243	51,372	13	10	1,788	29.73	1,788	0
SINC	4,132	35,968	9	27	342	5.68	342	0

Summary:

1. There were no changes to statutory sites during 2018/19.
2. For details of any new, amended and deleted SINC's see tables 18G, H & I.

Notes:

1. NE changed the projection parameters slightly since the last AMR. That results in small area changes for Ramsar and SPA, which don't reflect changes on the ground.
2. 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 2019)

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 2019)

Designated Sites	Combined Hants area (ha)	Combined Hants area (%)	PCC (ha)	PCC area (%)	2017/18 PCC area (ha)	Change area (ha)
Total combined	59,478	72.3	1,379	96.4	1,367	12

Summary:

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

Notes:

1. Total Priority habitat in Portsmouth as at 31st March 2019 = 1,431ha.

18.4 Condition of Sites of Special Scientific Interest (SSSIs)

Table 18E: Conditions of Sites of Special Scientific Interest (SSSIs) (as at 31st March 2019)

Condition	Combined Hants area (ha)	Combined Hants area (%)	PCC area (ha)	PCC area (%)	2017/18 PCC area (ha)	Change in area (ha)
Favourable	22,135.03	43.8	170.31	9.5	0.05	170.26
Unfavourable Recovering	24,815.93	49.1	868.80	48.6	1,527.81	-659.01
Unfavourable no Change	2,745.02	5.4	746.05	41.8	256.86	489.19
Unfavourable Declining	720.61	1.4				
Part Destroyed	6.34	0.0				
Destroyed	17.44	0.0	1.79	0.1	1.79	0.00
Grand Total	50,440.37	99.8	1,786.95	100.0	1,786.52	0.43

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.

18.5 SINC changes observed and recorded

Table 18F: Extent of changes to SINC sites observed and recorded between 1st April 2018 and 31st March 2019

SINCS	Hants sites (no)	Hants sites (area)	PCC sites (no)	PCC sites (area)
Total sites (2017/18)	4,117	36,173.73	27	341.66
New Sites	23	43.29		
Amended Sites	42	16.60		
Deleted sites	8	-264.75		
Total sites (2018/19)	4,132	35,968.87	27	341.66
Net change	15	-204.86		0.00
% change in area		-0.86		0.00

Notes:

1. Data extracted from HBIC SINC layer between 1st April 2018 and 31st March 2019.
2. Incorporates the decisions from November 2018 panel.

Table 18G: New SINC sites approved between 1st April 2018 and 31st March 2019

No new SINC sites in Portsmouth City Council were approved during 2018-2019.

Table 18H: Deleted SINC sites approved between 1st April 2018 and 31st March 2019

No SINC sites in Portsmouth City Council were deleted during 2018-2019.

Table 18I: Major amendments to SINC sites between 1st April 2018 and 31st March 2019

No major amendments were made to SINC sites in Portsmouth City Council during 2018-2019.

22 Winchester City Council

22.1 Priority habitats

Table 22A: Extent of Priority habitats (as at 31st March 2019)

Priority Habitat	Comments on Status	Combined Hants area (ha)	% of Combined Hants area	WCC area (ha)	% of WCC area	2017/18 WCC area (ha)	Change in area (ha)
Grasslands							
Lowland Calcareous Grassland	Comprehensive	2,052	0.53	362	0.55	367	-5
Lowland Dry Acid Grassland	Comprehensive. Some overlap with Lowland Heath	3,676	0.95	9	0.01	11	-2
Lowland Meadows	Comprehensive. Some overlap with Coastal and Floodplain Grazing Marsh and with Wood-Pasture and Parkland.	1,398	0.36	292	0.44	288	4
Purple Moor Grass and Rush Pastures	Comprehensive. Some overlap with Coastal and Floodplain Grazing Marsh.	1,525	0.39	74	0.11	60	14
Heathlands							
Lowland Heathland	Comprehensive. Some overlap with Lowland Dry Acid Grassland.	11,833	3.05	2	0.00	0	2
Woodland, wood-pasture and parkland							
Lowland Beech and Yew Woodland	Not complete. On-going work to distinguish from Lowland Mixed Deciduous Woodland.	284	0.07	34.9	0.05	40	-5
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.	36,514	9.40	6,113	9.25	5,965	148
Wet Woodland	Fairly complete. Areas will exist in LMDW that are not yet surveyed for qualifying types.	2,089	0.54	236	0.36	234	2
Wood-Pasture and Parkland	Not complete. Further work needed to classify this habitat within historic parkland.	5,548	1.43	119	0.18	119	0
Arable, orchards and hedgerows							
Arable Field Margins	Incomplete. Figures only show SINC on arable land designated for rare arable plant assemblages.	[92]	[0.02]	[0.9]	[0.00]	[1]	[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	0.00				

Priority Habitat	Comments on Status	Combined Hants area (ha)	% of Combined Hants area	WCC area (ha)	% of WCC area	2017/18 WCC area (ha)	Change in area (ha)
Open waters							
Eutrophic Standing Waters	No comprehensive information yet available.	46	0.01				
Rivers	Incomplete data. Approx. figures for Chalk Rivers only calculated from EA's River GIS layer (km).	[634]	n/a	[118]	n/a	[118]	[0]
Wetlands							
Coastal and Floodplain Grazing Marsh	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	1,206	-8
Lowland Fens	Comprehensive.	1,899	0.49	6	0.01	5	1
Reedbeds	Not complete.	252	0.06	7.4	0.01	7	0
Coastal							
Coastal saltmarsh	EA data partly verified.	897	0.23	2	0.00	2	0
Coastal Sand Dunes	EA data partly verified.	47	0.01				
Coastal Vegetated Shingle	Comprehensive.	218	0.06				
Intertidal mudflats	EA data partly verified.	4,460	1.15	6	0.01	6	0
Maritime Cliff and Slopes	Comprehensive.	43	0.01				
Saline lagoons	Comprehensive.	54	0.01				
Marine							
Seagrass beds	Not complete. Separate HWT data available.	49	0.01				
Total		82,297	21.19	8,461	12.80	8,310	152

Summary: An overall gain in Priority habitat of 152 ha

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. Increase in area for Lowland Mixed Deciduous Woodland is because of new survey information, particularly for Cheriton Wood and Dur Wood.
3. 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.
4. 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 2019)

Designation	Combined Hants sites (no)	Combined Hants area (ha)	Combined Hants area (%)	WCC sites (no)	WCC area (ha)	WCC area (%)	2017/18 WCC area (ha)	Change (ha)
LNR	68	0	0	9	103	0.16	103	0
NNR	11	0	0	2	103	0.16	103	0
RAMSAR	10	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	243	5	0	33	1,367	2.07	1,367	0
SINC	4,132	35,969	0	692	6,527	9.87	6,758	-232

Summary:

1. There were no changes to statutory sites during 2018/19.
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 2019)

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 2019)**

Designated Sites	Combined Hants area (ha)	Combined Hants area (%)	WCC (ha)	WCC area (%)	2017/18 WCC area (ha)	Change area (ha)
Total combined	59,478	72.3	4,816	56.9	4,663	153

Summary:

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

Notes:

1. Total Priority habitat in Winchester as at 31st March 2019 = 8,461ha.

22.4 Condition of Sites of Special Scientific Interest (SSSIs)

Table 22E: Conditions of Sites of Special Scientific Interest (SSSIs) (as at 31st March 2019)

Condition	Combined Hants area (ha)	Combined Hants area (%)	WCC area (ha)	WCC area (%)	2017/18 WCC area (ha)	Change in area (ha)
Favourable	22,135.03	43.8	384.28	29.3	384.38	-0.10
Unfavourable Recovering	24,815.93	49.1	662.90	50.5	662.91	-0.01
Unfavourable no Change	2,745.02	5.4	181.92	13.9	181.88	0.04
Unfavourable Declining	720.61	1.4	76.28	5.8	76.28	0.00
Part Destroyed	6.34	0.0				
Destroyed	17.44	0.0	7.80	0.6	7.80	0.00
Grand Total	50,440.37	99.8	1,313.17	100.0	1,313.24	-0.07

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.

22.5 SINC changes observed and recorded

Table 22F: Extent of changes to SINC observed and recorded between 1st April 2018 and 31st March 2019

SINCS	Hants sites (no)	Hants sites (area)	WCC sites (no)	WCC sites (area)
Total sites (2017/18)	4,117	36,173.73	691	6,758.49
New Sites	23	43.29	2	12.97
Amended Sites	42	16.60	6	17.27
Deleted sites	8	-264.75	1	-261.88
Total sites (2018/19)	4,132	35,968.87	692	6,526.85
Net change	15	-204.86	1	-231.64
% change in area		-0.86		-3.43

Notes:

1. Data extracted from HBIC SINC layer between 1st April 2018 and 31st March 2019.

2. Incorporates the decisions from November 2018 panel.

Table 22G: New SINC approved between 1st April 2018 and 31st March 2019

Site Ref	Site Name	New Size (ha)	New Criteria	Panel date
WC0824	Privett Tunnel	1.08	6A	Nov 2018
WC0825	Soake Farm Meadows	11.89	2A/6A	Nov 2018

Table 22H: Deleted SINC approved between 1st April 2018 and 31st March 2019

Site Ref	Site Name	Reason	Old Size (ha)	Old Criteria	Panel date
WC0115	Upper Cranbourne/Hunton Down Farms	Loss of 6A species	261.88	6A	Nov 2018

Table 22I: Major amendments to SINC between 1st April 2018 and 31st March 2019

Site Ref	Site Name	Reason	Old Size (ha)	New Size (ha)	Old Criteria	New Criteria
WC0091	St. Swithun, Headbourne Worthy	Lack of management			2A	2D/5A/6A
WC0208	Silford Copse	Data Correction/Reinterpretation			1B	1A/1B/1Cii/2B/5B
WC0064	Royal Winchester Golf Course (Teg Down)	Lack of management			2A/6A	2A/2B/2D
WC0230	Hole Copse and East Croft Row	Habitat Creation/Restoration			1B	1B/1Cii/2B/5B
WC0231	Ferny Copse	New Survey or Information			1A	1B
WC0277	Dur Wood	New Survey or Information	85.75	103.02		