

Dorset Important Species List

1 = species on the UK Biodiversity Action Plan Priority Species list or the Section 41 list (NERC Act 2006) or on Schedules 1, 5 and 8 of the Wildlife & Countryside Act 1981 (& amendments).

2 = species with the IUCN Threat Categories; **Critically Endangered**, **Endangered** or **Vulnerable**, or listed as **Near Threatened** or **Data Deficient**, or for **Birds** on the latest **Red** and **Amber** lists of Birds of Conservation Concern.

3 = species classed as **Nationally Rare** (found in 1-15 10-km squares nationally) or **Nationally Scarce** (found in 16-100 10-km squares nationally).

4 = species significant in a regional or county context. These can be species that are declining or rare within the County, or those for which Dorset supports a significant population within the region or nationally.



Group	Sub-group	UK total	Dorset total	% of UK	Dorset Important Species	% DIS
Fungi	Basidiomycetes	c. 5,500	1448		69	3%
	Basidiomycetes - Rusts & Smuts	c. 250	178		10	4%
	Ascomycetes	c. 7,000	722		9	1%
	Lichens	c. 1,900	748	39%	297	40%
	Lichenicolous fungi	c. 520	91		7	12%
Charaphytes			9		7	78%
Bryophytes	Liverworts & Hornworts	305	108	35%	37	34%
	Mosses	780	353	45%	88	25%
Vascular Plants		2,200	1077	49%	340	31%
Coleoptera		4,100	2575		603	23%
Diptera		7,000	2629	37%	350	16%
Diptera - Syrphidae	Hoverflies	285	227	79%	55	24%
Hemiptera		1,830	708	39%	94	13%
Hymenoptera (aculeates)	Ants	69	46	65%	17	34%
	Wasps	238	203	85%	95	46%
	Bees	265	223	84%	114	51%
Lepidoptera	Butterflies	66	59	89%	24	42%
	Moths	2500	1815	73%	312	17%
Odonata		49	35	74%	7	14%
Orthoptera & Allies		36	30		14	36%
Trichoptera		198	112	56%	2	2%
Ephemeroptera		51	34	66%	2	6%
Arachnida		660	482	66%	182	37%
Mollusca	(Terrestrial & freshwater)		168		17	10%
Crustacea					2	
Annelida					1	
Birds			427		126	29%
Mammals			54		28	52%
Fish	(freshwater)		29		8	27%
Reptiles			7		6	85%
Amphibians			6		6	100%
			14603		2929	20%

2,929 Species (1,107 on 2012 list)
432 Not seen since 1990
424 Section 41 species
120 WCA species
396 IUCN Threatened (CR , EN, & VU)
186 IUCN Near Threatened
43 Global / European Red Listed
102 Nationally Rare species
1,289 Nationally Scarce species

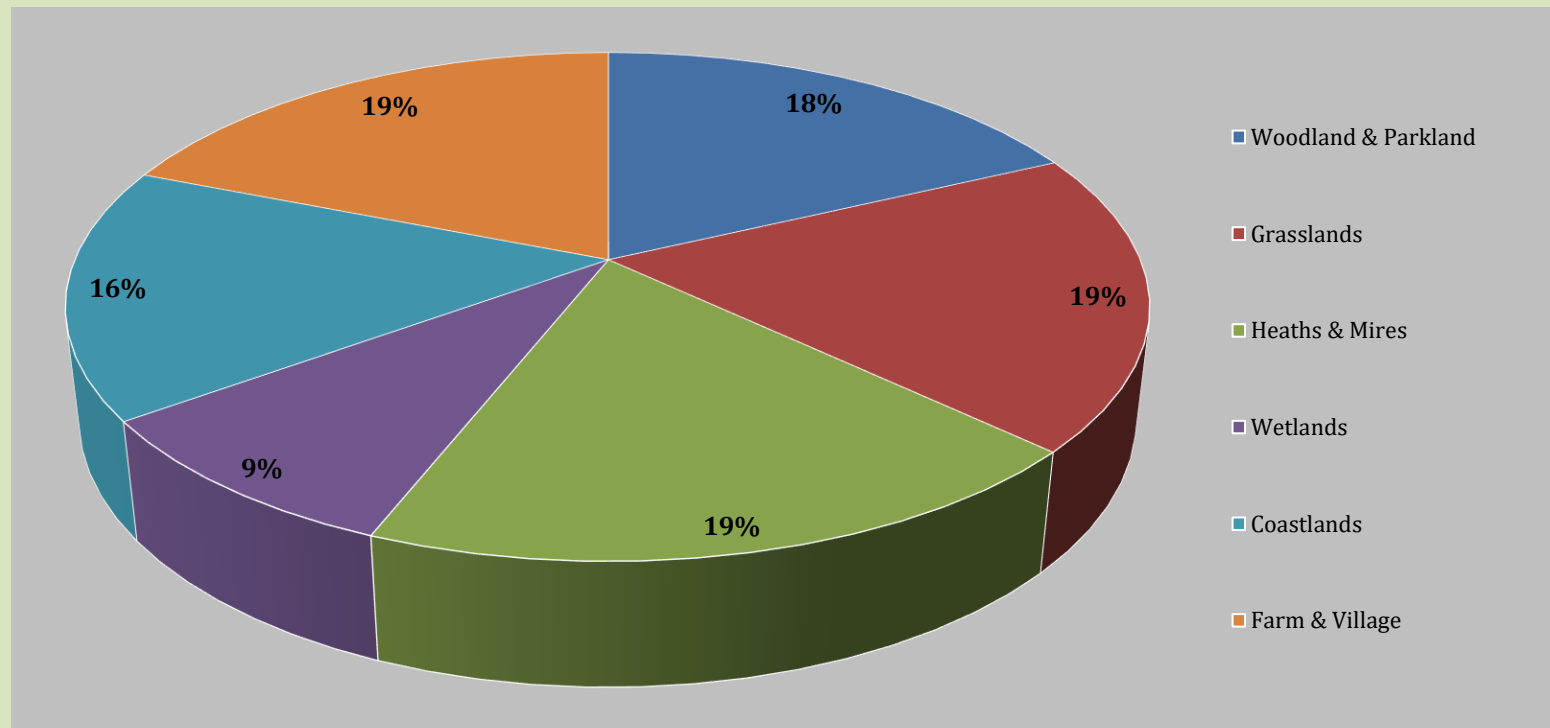


943 S41 species in UK

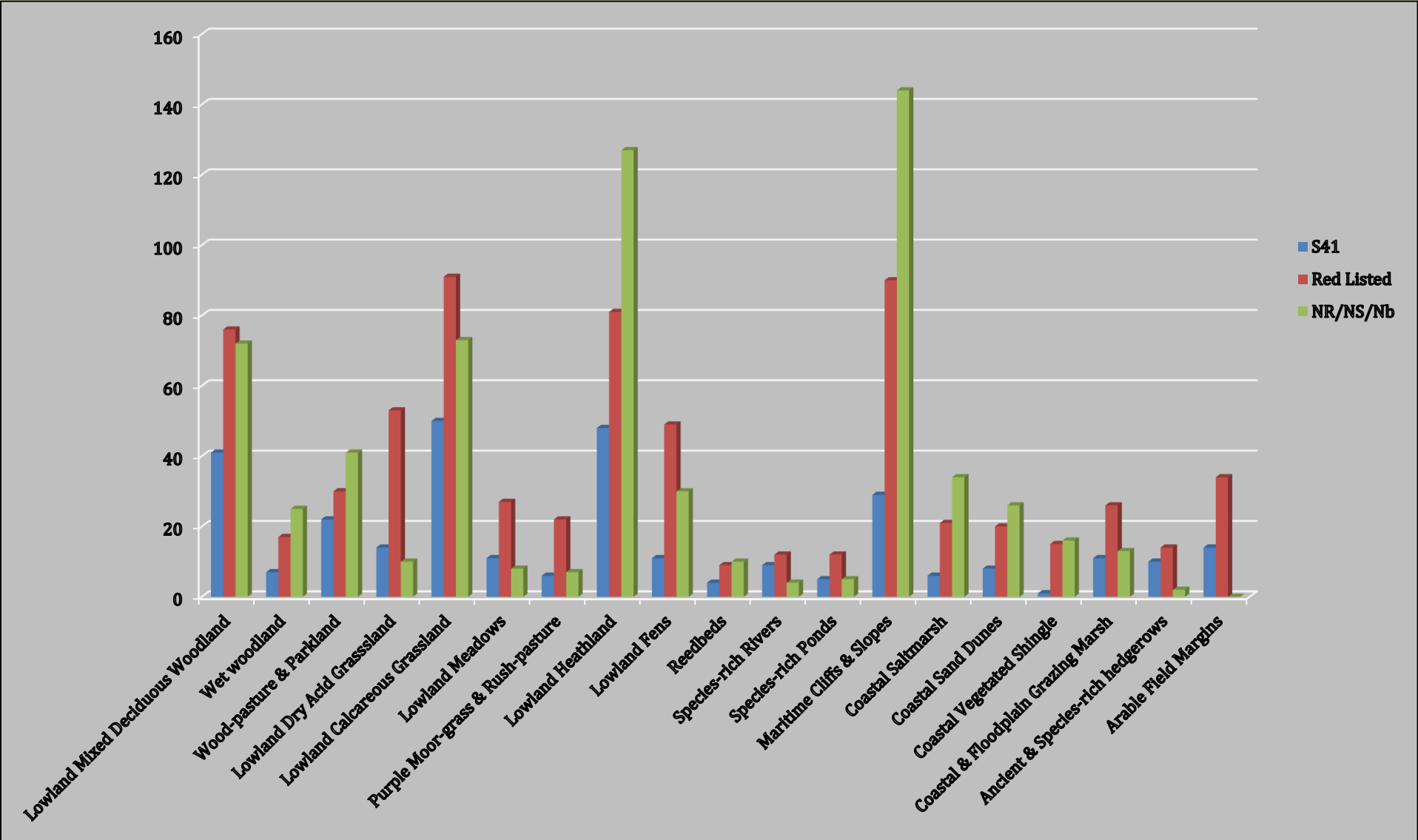
424 (45%) species recorded from Dorset

350 recorded since 1990

74 (18%) extinct or not recorded since 1990



Summary of DIS species found in Priority Habitats



What have we lost? – extinct species

Group	Dorset total	Presumed extinct ²	% extinct
Vascular plants	1077	40	4%
Charophytes	9	3	
Bryophytes	461	24	7%
Lichens	804	24	3%
Birds	144 ¹	9	6%
Mammals	44	2	4%
Amphibians	6	1	
Hoverflies	227	11	5%
Butterflies	52 ¹	6	13%
Dragonflies	32 ¹	2	
Grasshoppers	30	1	
Ants	47	2	4%
Wasp	202	11	5%
Bees	223	25	11%
Molluscs	168	5	5%
	3527	166	5%

