

Christchurch Harbour & Hengistbury Head BCA

Key species

The following table lists species of conservation concern found within the BCA.

Abbreviations:

S41 = Section 41 species of Principal Importance list in the NERC Act (2006)

IUCN Red List categories:

NT = Near Threatened

VU = Vulnerable

EN = Endangered

CR = Critically Endangered

Rarity:

NR = Nationally Rare (1-15 10-km squares in Britain)

NS = Nationally Scarce (16-100 10-km squares in Britain)


Dorset Status:


DR = Dorset Rare

DS = Dorset Scarce


DN = Dorset Notable

Key

 = Section 41 species of Principal Importance

 = Red Listed species with IUCN categories CR, EN, VU & NT

 = Nationally Scarce or Nationally Rare species

 = Dorset Rare or Scarce species, declining in the county or particularly characteristic of the BCA

Key species:

Group	Common Name	Threat status	Broad Habitat	Priority Habitat	Comments
Vascular plants	Bulbous Foxtail <i>Alopecurus bulbosus</i>	NS	Coastlands	Coastal saltmarsh	Local in upper saltmarsh and brackish grassland
Vascular plants	Marsh-mallow <i>Althaea officinalis</i>	NT (Eng) NS	Coastlands	Coastal saltmarsh	Rare; one colony on Stanpit Marsh
Vascular plants	Wild Celery <i>Apium graveolens</i>	DN	Coastlands	Coastal saltmarsh	Very local in brackish marshes
Vascular plants	Sea Aster <i>Aster panonicum</i>	DN	Coastlands	Coastal saltmarsh	Locally abundant on saltmarsh
Vascular plants	Frosted Orache <i>Atriplex laciniata</i>	DN	Coastlands	Coastal sand dune	Rare on sandy beaches
Vascular plants	Nodding Bur-marigold <i>Bidens cernua</i>	DN	Wetlands	Coastal & floodplain grazing marsh	Rare on muddy water margins
Vascular plants	Trifid Bur-marigold <i>Bidens tripartita</i>	DN	Wetlands	Coastal & floodplain grazing marsh	Local on muddy water margins
Vascular plants	Flowering Rush <i>Butomus umbellatus</i>	DN	Wetlands	Coastal & floodplain grazing marsh	
Vascular plants	Sea Rocket <i>Cakile maritima</i>	DN	Coastlands	Coastal sand dunes	Local on sandy shores
Vascular plants	Sea Bindweed <i>Calystegia soldanella</i>	VU (Eng)	Coastlands	Coastal sand dunes	Local in sand dunes
Vascular plants	Harebell <i>Campanula rotundifolia</i>	NT (Eng)	Heathlands	Lowland dry acid grassland	Rare in acid grassland
Vascular plants	Whorlgrass <i>Catabrosa aquatica</i>	VU (Eng)	Wetlands		
Vascular plants	Mossy Stonecrop <i>Crassula tillaea</i>	NS	Heathlands	Lowland dry acid grassland	Scattered on sandy tracks
Vascular plants	Dodder <i>Cuscuta epithymum</i>	VU (Eng)	Heathlands	Lowland heathland	Rare on the heath
Vascular plants	Jersey Pink <i>Dianthus gallicus</i>	NR	Coastlands	Sand dunes	The only British mainland site, its origin is uncertain
Vascular plants	Round-leaved sundew <i>Drosera rotundifolia</i>	NT (Eng)	Heathlands	Lowland heathland	
Vascular plants	Dwarf spike-rush <i>Eleocharis parvula</i>	EN (Eng)	Coastlands	Coastal saltmarsh	The only current Dorset site
Vascular plants	Sand Couch <i>Elytrigia juncea</i>		Coastlands	Coastal sand dunes	Local on sand dunes
Vascular plants	Sea-holly <i>Eryngium maritimum</i>	NT (Eng)	Coastlands	Coastal and dunes	Rare on sand dunes
Vascular plants	Sea Spurge <i>Euphorbia paralias</i>	DS	Coastlands	Coastal and dunes	Several recent sites on sand dunes and shingle beaches
Vascular plants	Portland Spurge <i>Euphorbia portlandica</i>		Coastlands		
Vascular plants	Rush-leaved Fescue <i>Festuca arenaria</i>	NS	Coastlands	Coastal and dunes	Local on sand dunes
Vascular plants	Yellow Horned-poppay <i>Glaucium flavum</i>	NT (Eng)	Coastlands	Vegetation shingle	Local on beaches
Vascular plants	Sea Sandwort <i>Honckenya peploides</i>	.	Coastlands	Coastal and dunes	Local on sandy shores
Vascular plants	Marsh Pennywort <i>Hydrocotyle vulgaris</i>	NT (Eng)	Wetlands	Coastal & floodplain grazing marsh	
Vascular plants	Smooth Cat's-ear <i>Hypochaeris glabra</i>	VU (Eng)	Heathlands	Lowland dry acid grassland	Very local in sandy acid grassland
Vascular plants	Smith's Pepperwort <i>Lepidium heterophyllum</i>		Heathlands	Lowland dry acid grassland	

Group	Common Name	Threat status	Broad Habitat	Priority Habitat	Comments
Vascular plants	Common Sea-lavender <i>Limonium vulgare</i>	NT (Eng)	Coastlands	Coastal saltmarsh	Locally abundant on the saltmarsh
Vascular plants	Mudwort <i>Limosella aquatica</i>	DR	Wetlands	Coastal & floodplain grazing marsh	The only current Dorset site in shallow pools on grazing marsh
Vascular plants	Shoreweed <i>Littorella uniflora</i>		Wetlands		One site only in acid pool
Vascular plants	Slender Bird's-foot-trefoil <i>Lotus angustissimus</i>	NS	Heathlands	Lowland dry acid grassland	Rare in acid grasslands
Vascular plants	Hairy Bird's-foot-trefoil <i>Lotus subbiflorus</i>	NS	Heathlands	Lowland dry acid grassland	Local in sandy acid grassland
Vascular plants	Ragged-Robin <i>Silene flos-cuculi</i>	NT (Eng)	Wetlands	Coastal & floodplain grazing marsh	Local in marshy grassland
Vascular plants	Yellow Loosestrife <i>Lysimachia vulgaris</i>		Wetlands	Coastal & floodplain grazing marsh	Rare in grazing marsh
Vascular plants	Upright Chickweed <i>Moenchia erecta</i>	VU (Eng)	Heathlands	Lowland dry acid grassland	Rare in sandy acid grassland
Vascular plants	Tubular Water-dropwort <i>Oenanthe fistulosa</i>	VU (Eng)	Wetlands	Coastal & floodplain grazing marsh	Rare in grazing marsh grassland
Vascular plants	Parsley Water-dropwort <i>Oenanthe lachenalii</i>	NT (Eng)	Coastlands	Coastal saltmarsh	Very local in upper saltmarsh
Vascular plants	Bulbous Meadow-grass <i>Poa bulbosa</i>	NS	Heathlands	Lowland dry acid grassland	Rare in parched grassland
Vascular plants	Sea Knotgrass <i>Polygonum maritimum</i>	VU;NR	Coastlands	Coastal and dunes	On sandy shores; very rare Britain
Vascular plants	Ray's Knotgrass <i>Polygonum oxyspermum</i>	DR	Coastlands	Coastal and dunes	On sandy shores;; now rare in Dorset
Vascular plants	Allseed <i>Radiola linoides</i>	VU (Eng)	Heathlands		Very rare, last seen in 1991
Vascular plants	Brackish Water-crowfoot <i>Ranunculus baudotii</i>	DN	Coastlands	Coastal saltmarsh	In brackish pools; rare in Dorset
Vascular plants	English Stonecrop <i>Sedum anglicum</i>	DN	Heathlands	Lowland heathland	Local on Hengistbury Head
Vascular plants	Rock Sea-spurrey <i>Spergularia rupicola</i>	DN	Coastlands		Rare on cliffs
Vascular plants	Common Meadow-rue <i>Thalictrum flavum</i>	DN	Wetlands	Coastal & floodplain grazing marsh	Very local in wetlands
Vascular plants	Strawberry Clover <i>Trifolium fragiferum</i>	VU (Eng)	Coastlands	Coastal saltmarsh	Scarce in brackish grasslands and upper saltmarsh
Vascular plants	Suffocated Clover <i>Trifolium suffocatum</i>	NS	Heathlands	Lowland dry acid grassland	Several sites in sandy turf
Vascular plants	Marsh Arrowgrass <i>Triglochin palustre</i>	NT (Eng)	Wetlands		Rare in marshy grassland
Vascular plants	Marsh Speedwell <i>Veronica scutellata</i>	NT (Eng)	Wetlands		Rare in marshy grassland
Vascular plants	Spring Vetch <i>Vicia lathyroides</i>	DS	Heathlands	Lowland dry acid grassland	Rare in sandy turf
Vascular plants	Dune Fescue <i>Vulpia fasciculata</i>	NS	Coastlands	Coastal and dunes	Rare in sand dunes
Butterflies	Wall <i>Lasiommata megera</i>	EN; S41	Heathlands	Lowland heathland	
Butterflies	Small Heath <i>Coenonympha pamphilus</i>	VU; S41	Heathlands	Lowland dry acid grassland	Local in acid grassland
Butterflies	Silver-washed Fritillary <i>Argynnis paphia</i>	DN	Woodlands		
Butterflies	Green Hairstreak <i>Cllophrys rubi</i>	DN	Heathlands	Lowland heathland	
Butterflies	Purple Hairstreak <i>Quercusia quercus</i>		Woodlands		Local in woodland on Hengistbury Head

Group	Common Name	Threat status	Broad Habitat	Priority Habitat	Comments
Butterflies	Silver Studded Blue <i>Plabejus argus</i>	S41;	Heathland	Lowland heathland	Rare on the heath
Moths	<i>Agdistis bennetii</i> Saltmarsh Plume		Coastlands	Coastal saltmarsh	Feeds on sea-lavender in saltmarsh
Moths	<i>Cochylis pallidana</i> Sheep's-bit Straw	NS	Coastlands	Coastal sand dunes	Rare nationally, feeds in the seed heads of Sheep's-bit
Moths	<i>Homoeosoma nimbella</i> Sheept's-bit Knothorn	NR	Coastlands	Coastal sand dunes	Rare nationally, feeds in the seed heads of Sheep's-bit
Moths	<i>Scythris empetrella</i> Ling Runner	NR	Coastlands	Coastal sand dunes	Found in sandy dune-heath. Rare in Britain, Dorset the stronghold
Moths	Sand Dart <i>Agrostis ripae</i>		Coastlands	Coastal sand dunes	Associated with strandline & sand dune plants, rare in Dorset
Moths	Broad-bordered Bee Hawk <i>Hemaris fuciformis</i>		Heathlands	Lowland heathland	Very local on heathland edge
Flies	All Black Snout <i>Nemotelus nigrinus</i>	DN	Coastlands	Coastal saltmarsh	Local in brackish marshes and upper saltmarsh
Flies	Flecked Snout <i>Nemotelus notatus</i>	DN	Coastlands	Coastal saltmarsh	Local in brackish marshes and upper saltmarsh
Flies	<i>Stratiomys longicornis</i> Long-horned General	NS	Coastlands	Coastal & floodplain grazing marsh	Rare in grazing marsh; rare in Dorset
Flies	Flecked General <i>Stratiomys singularior</i>	DS	Coastlands	Coastal saltmarsh	Local in brackish marshes
Flies	Coastal Silver Stiletto <i>Acrosathe annulata</i>	DS	Coastlands	Coastal sand dune	Very local in sand dunes
Flies	Dune Robberfly <i>Philonicus albiceps</i>	DS	Coastal	Coastal sand dunes	Local on the sand dunes
Flies	Saltmarsh Horsefly <i>Atylotus latistriatus</i>	NS	Coastal	Coastal saltmarsh	Local in saltmarsh, confined in Dorset to Poole Harbour and Christchurch Harbour
Flies	Big Spotted Cleg <i>Haematopota bigoti</i>	NS	Coastal	Coastal saltmarsh Coastal & floodplain grazing marsh	Local in grazing marsh and upper saltmarsh, confined in Dorset to Poole Harbour and Christchurch Harbour
Flies	Long-horned Cleg <i>Haematopoda grandis</i>	NS	Coastal	Coastal saltmarsh Coastal & floodplain grazing marsh	Local in grazing marsh and upper saltmarsh, confined in Dorset to Poole Harbour and Christchurch Harbour
Hoverflies	<i>Sphaerophoria loewi</i>	NT; NR	Coastal	Coastal saltmarsh	One of two Dorset sites; rare nationally
Hoverflies	<i>Eristalis abusivus</i>		Coastal	Coastal saltmarsh	Local in grazing marsh and upper saltmarsh
Wasps	<i>Hedychridium cupreum</i>	NS (Nb)	Heathland	Lowland heathland / Coastal sand dunes	Only recent Dorset site; targets the nests of <i>Dryudella pinguis</i>
Wasps	<i>Methocha articulata</i>	NS(B)	Heathlands	Lowland heathland	Targets the larval burros of tiger beetles
Wasps	Large Velvet Ant <i>Mutilla europaea</i>	NS(B)	Heathlands	Lowland heathland	Targets the nests of bumble bees
Wasps	Small Velvet Ant <i>Smicromyrne rufipes</i>	NS(B)	Heathlands	Lowland heathland	Targets the nests of solitary bees
Wasps	<i>Cryptocheilus notatus</i>		Heathlands	Lowland heathland	Local on sandy heaths
Wasps	Heath Potter Wasp <i>Eumenes coarctatus</i>	NS(A)	Heathlands	Lowland heathland	
Wasps	<i>Dryudella pinguis</i>	DS	Heathlands Coastlands	Lowland heathland Coastal sand dunes	Rare in Dorset in sandy heathland & dunes

Group	Common Name	Threat status	Broad Habitat	Priority Habitat	Comments
Wasps	<i>Crabro scutellatus</i>	NS	Heathlands	Lowland heathland	Very local on damp heaths
Wasps	<i>Mimumesa spooneri</i>		Heathlands	Lowland heathland	Very local in wet heath
Wasps	<i>Mimumesa unicolor</i>	NS	Coastlands	Maritime cliffs and slopes	Recorded from Hengistbury Head
Wasps	<i>Diodontus insidiosus</i>	NS	Heathlands	Lowland heathland	Nests in sandy soils
Wasps	<i>Argogorytes fargeii</i>		Heathlands	Lowland heathland	First Dorset record for many years at Hengistbury Head
Wasps	<i>Harpactus tumidus</i>	DN	Heathlands	Lowland heathland	Scarce on sandy heaths
Wasps	<i>Cerceris ruficornis</i>	NS	Heathlands	Lowland heathland	Very local on sandy heaths
Wasps	<i>Podalonia affinis</i>	NS; DS	Heathlands	Lowland heathland	One of the few Dorset sites
Wasps	Hairy Sand Wasp <i>Podalonia hirsuta</i>	NS	Heathlands	Lowland heathland	Local on sandy heaths
Bees	Hairy-saddled Colletes <i>Colletes fodiens</i>	VU	Heathlands	Lowland dry acid grassland	Local in acid grasslands
Bees	Heather Colletes <i>Colletes succinctus</i>	NT	Heathlands	Lowland heathland	Specialist bee, forages from heather
Bees	Sea Aster Bee <i>Colletes halophilus</i>	NS S41	Coastlands	Coastal saltmarsh	The only Dorset site in saltmarsh around the harbour
Bees	Small Sandpit Mining Bee <i>Andrena argentata</i>	NS	Heathlands	Lowland heathland	Rare in sandy heathlands
Bees	Sandpit Mining Bee <i>Andrena barbilabris</i>	DN	Heathlands	Lowland heathland	Very local on dry sandy heaths
Bees	Large Gorse Mining Bee <i>Andrena bimaculata</i>	DN	Heathlands	Lowland heathland	Very local on the fringes of the heaths
Bees	Hawk's-beard Mining Bee <i>Andrena fulvago</i>	DN	Heathlands	Lowland dry acid grassland	Very local in Dorset, forages from yellow Asteraceae
Bees	Heather Mining Bee <i>Andrena fuscipes</i>	DN	Heathlands	Lowland heathland	Specialist bee, forages from heather
Bees	Small Gorse Mining Bee <i>Andrena ovatula</i>	VU	Heathlands	Lowland heathland	
Bees	Large Shaggy Bee <i>Panurgus banksianus</i>	DN	Heathlands	Lowland dry acid grassland	Very local in sandy grasslands, forages from yellow Asteraceae
Bees	Southern Bronze Furrow Bee <i>Halictus confusus</i>		Heathlands	Lowland dry acid grassland	Rare; forages from yellow Asteraceae in acid grassland and grassy heaths
Bees	Short-horned Furrow Bee <i>Lasioglossum brevicorne</i>	NS	Heathlands	Lowland heathland	Very local on dry sandy heaths
Bees	Grey-tailed Furrow Bee <i>Lasioglossum prasinum</i>	NS	Heathlands	Lowland heathland	Very local on dry sandy heaths
Bees	Reticulate Blood Bee <i>Sphecodes reticulatus</i>	DN	Heathlands	Lowland heathland	
Bees	Gold-tailed Melitta <i>Melitta haemorrhoidalis</i>	DN	Heathlands	Lowland dry acid grassland	Local in acid grassland and gardens
Bees	Clover Melitta <i>Melitta leporina</i>	DN			Local in acid grassland
Bees	Hairy Legged Mining Bee <i>Dasygaster hirtipes</i>	DN	Heathlands	Lowland dry acid grassland	Local in acid grassland
Bees	Silvery Leafcutter Bee <i>Megachile leachella</i>	DN	Coastlands	Coastal sand dune	Found in the sand dunes and acid grassland
Bees	Coast Leafcutter Bee <i>Megachile maritima</i>	DN	Coastlands		

Group	Common Name	Threat status	Broad Habitat	Priority Habitat	Comments
Bees	Large Sharp-tail Bee <i>Coelioxys conoidea</i>				Targets the nests of <i>Megatile maritima</i>
Bees	Rufescent Sharp-tail Bee <i>Coelioxys rufescens</i>		Heathlands	Lowland heathland	Targets the nests of <i>Anthophora bimaculata</i>
Bees	Bear-clawed Nomad Bee <i>Nomada baccata</i>	NS	Heathlands	Lowland heathland	Targets the nests of <i>Andrena argenatata</i>
Bees	Orange-horned Nomad Bee <i>Nomada fulvicornis</i>		Heathlands	Lowland dry acid grassland	
Bees	Red-thighed Epeolus <i>Epeolus cruciger</i>	NT	Heathlands	Lowland heathland	Targets the nests of <i>Colletes succinctus</i>
Bees	Brown-banded Carder Bee <i>Bombus humilis</i>	S41	Heathlands	Lowland heathland Lowland dry acid grassland	Several recent records from the area
Orthoptera	Grey Bush Cricket <i>Platycleis albopunctata</i>	NS	Coastlands	Maritime cliffs and slopes	Found along the coastal fringe
Orthoptera	Woodland Grasshopper <i>Omocestus rufipes</i>	NS	Heathlands	Lowland heathland	
Orthoptera	Cepero's Ground-Hopper <i>Tetrix ceperoi</i>	NS	Coastlands		
Orthoptera	Tawny Cockroach <i>Ectobius pallidus</i>	NS	Heathlands	Lowland heathland	Associated with heathland
Orthoptera	Lesser Cockroach <i>Ectobius panzeri</i>	NS	Heathlands	Lowland heathland	Associated with heathland
Odonata	Willow Emerald Damselfly <i>Lestes sponsa</i>	DS	Wetlands		A recent colonist
Odonata	Hairy Dragonfly <i>Brachytron pratense</i>	DN	Wetlands		
Birds	Little Grebe <i>Tachybaptus ruficollis</i>		Wetlands	Ponds	Breeds on the quarry pond
Birds	Water Rail <i>Rallus aquaticus</i>		Wetlands	Reedbeds	Breeds in the reedbeds
Birds	Ringed Plover <i>Charadrius hiaticula</i>	Red	Coastlands		Recently bred
Birds	Marsh Harrier <i>Circus aeruginosus</i>	Amber	Wetlands	Reedbeds	Regular visitor
Birds	Kestrel <i>Falco tinnunculus</i>	Amber			
Birds	Sand Martin		Coastlands	Maritime cliffs and slopes	A well established colony in sandy cliffs on Hengistbury Head
Birds	Skylark <i>Alauda arvensis</i>	S41; Red	Heathlands	Acid grasslands	Reeds in grassland on Hengistbury Head
Birds	Rock Pipit <i>Anthus petrosus</i>		Coastlands	Maritime cliffs and slopes	Breeds on the cliffs
Birds	Cetti's Warbler <i>Cettia cetti</i>		Wetlands		
Birds	Reed Warbler <i>Acrocephalus scirpaceus</i>		Wetlands	Reedbeds	Breeds in the reedbeds
Birds	Dartford Warbler <i>Curruca undata</i>	Amber	Heathlands	Lowland heathland	Present on the heathland on Hengistbury Head
Birds	Whitethroat <i>Curruca communis</i>	Amber	Heathlands	Lowland heathlands	
Birds	Stonechat <i>Saxicola rubicola</i>		Heathlands	Lowland heathlands	
Birds	Reed Bunting <i>Emberiza schoeniclus</i>	S41; Amber	Wetlands	Reedbeds	Breeds in the reedbeds
Reptiles	Sand Lizard <i>Lacerta agilis</i>	S41; VU	Heathlands	Lowland heathlands	
Reptiles	Adder <i>Viper berus</i>	S41	Heathlands	Lowland heathland	

Group	Common Name	Threat status	Broad Habitat	Priority Habitat	Comments
Reptiles	Grass Snake <i>Natrix helvetica</i>	S41	Wetlands		
Amphibians	Natterjack Toad <i>Epidalea calamita</i>		Heathlands Coastlands	Lowland heathlands Coastal sand dunes	Reintroduced to the area
Fish	European Eel <i>Anguilla anguilla</i>	S41; CR	Wetlands	Rivers	Migratory in the Stour & Avon
Fish	Atlantic Salmon <i>Salmo salar</i>	S41	Wetlands	Rivers	Migratory in the Stour & Avon
Fish	Sea Trout <i>Salmo trutta trutta</i>	S41	Wetlands	Rivers	Migratory in the Stour & Avon
Mammals	Otter <i>Lutra lutra</i>	S41	Wetlands		Regularly recorded in recent years
Mammals - Bats	Serotine <i>Eptesicus serotinus</i>	VU			
Mammals - Bats	Noctule <i>Nyctalus noctula</i>	S41			Recorded feeding over the area