



Appendices

Appendix A. Species longlist

The species longlist is available to download at dorsetcouncil.gov.uk/w/dorset-local-nature-recovery-strategy-species-recovery-supporting-document

Appendix B. Species and habitat assemblages

The tables in this appendix list the species assemblages and habitat assemblages identified for the species longlist and priority list. You can see the assemblage for each species in column BB and BC of the longlist spreadsheet.

Woodland habitats

UK Priority and Section 41 habitat(s)	Habitat assemblage (cross-taxa or multi-taxa assemblage)	Species assemblage (micro-habitat assemblage)
Lowland mixed deciduous woodland	Species of ancient and long established woodland	Plants of ancient and long-established woodland Moths of ancient and long-established woodland and parkland
Lowland beech and yew woodland		Ecto-mycorrhizal and saprotrophic fungi of ancient and long-established woodland Woodland bats
Wood-pasture and parkland		Woodland birds
	Species of open woodland, glades, rides and early-stage coppice	Plants of open woodland, glades, rides and early-stage coppice Invertebrates of open woodland, glades, rides and early-stage coppice Butterflies and day-flying moths of open woodland and early-stage coppice Woodland bats
	Species of veteran and ancient trees and deadwood features of old growth woodland	Saproxyllic Invertebrates associated with dead wood habitats and veteran trees in old growth woodland Lichens of old growth woodland and wood-pasture Bracket, crust and other saprotrophic fungi of old growth woodland and wood-pasture Woodland bats



Woodland habitats

UK Priority and Section 41 habitat(s)	Habitat assemblage (cross-taxa or multi-taxa assemblage)	Species assemblage (micro-habitat assemblage)
Wet woodland	Species of wet woodland	Plants of wet woodland Fungi of wet woodland Bryophytes of wet woodland Invertebrates of wet woodland Woodland bats

Heathland habitats

UK Priority and Section 41 habitat(s)	Habitat assemblage (cross-taxa or multi-taxa assemblage)	Species assemblage (micro-habitat assemblage)
Lowland heathland	Species of dry and humid heath	Invertebrates of mature and senescent stages of dry heath Plants of dry and humid heath and grass-heath Invertebrates of dry and humid heath and grass-heath Invertebrates of heathland edge and marginal habitats Lichens and bryophytes of open slow-succession heaths Heathland birds Heathland reptiles Heathland fungi Fungi associated with old bonfire sites and burnt ground on heathland
	Species associated with bare ground and pioneer stages of dry and humid heath	Invertebrates of bare ground and the open pioneer stages of sandy and clayey heaths Plants of heathland trackways Heathland reptiles
	Species of wet heath and grass-heath	Plants of wet heath and grass-heath Plants of open, peaty, winter-wet hollows on wet heath Invertebrates of wet heaths Lichens and bryophytes of open slow-succession heaths



Heathland habitats

UK Priority and Section 41 habitat(s)	Habitat assemblage (cross-taxa or multi-taxa assemblage)	Species assemblage (micro-habitat assemblage)
Lowland heathland	Species of heathland pools	Plants of nutrient-poor heathland pools and ponds Invertebrates of nutrient-poor heathland pools and ponds Dragonflies and damselflies of acid mires and pools
Lowland fens – valley mires	Species of open, <i>Sphagnum</i> -rich valley mires and flushes	Plants of open <i>Sphagnum</i> -rich valley mires and acid flushes Bryophytes of open valley mires and acid flushes Fungi of valley mires Invertebrates of open <i>Sphagnum</i> -rich valley mires Dragonflies and damselflies of mires and acid pools
Lowland dry acid grassland	Species of acid grassland	Plants of open, parched acid grassland Invertebrates of open, parched acid grassland Plants of dry to seasonally damp acid grasslands, commons and village greens Plants of humid acid grasslands of hill slopes Fungi of ancient and unimproved grasslands Species associated with dung of extensively grazed animals



Grassland habitats

UK Priority and Section 41 habitat(s)	Habitat assemblage (cross-taxa or multi-taxa assemblage)	Species assemblage (micro-habitat assemblage)
Lowland meadows	Species of ancient and unimproved grasslands	Plants of ancient and unimproved meadows and pastures Fungi of ancient and unimproved grasslands Grassland bees and bumblebees Micro-moths of Dyer's Greenweed Bats of ancient and unimproved grassland
Lowland calcareous grassland	Species of short, open chalk and limestone grassland Species of longer calcareous grassland, and scrub margins	Butterflies and day-flying moths of chalk and limestone grassland Plants of short, open chalk and limestone grassland Bryophytes and lichens of short, open chalk and limestone grassland Invertebrates of short, open and species-rich chalk and limestone grassland Fungi associated with Rockrose-rich chalk grasslands Plants of longer calcareous grassland, scrub edge and marginal habitats Plants of species-rich scrub and scrub edges Invertebrates of longer calcareous grassland, scrub edge and marginal habitats Bryophytes and lichens of sarsen stones
Purple moor-grass and rush-pasture	Species of fen-meadows and rush-pastures	Invertebrates of fens, fen-meadows and rush-pastures Plants of seasonally wet flood meadows, rush-pastures and fen-meadows



Wetland habitats

UK Priority and Section 41 habitat(s)	Habitat assemblage (cross-taxa or multi-taxa assemblage)	Species assemblage (micro-habitat assemblage)
Lowland fens – Rich fens	Species of rich fens, basic flushes and swamps	Plants of open calcareous fens Plants of tall-herb fens, swamps and reedbeds Invertebrates of tall-herb fens and swamps Invertebrates of calcareous fens and basic flushes Bryophytes of rich fens and base-rich flushes
Reedbeds	Species of brackish and freshwater reedbeds	Invertebrates of reedbeds Breeding birds of reedbeds
Coastal and floodplain grazing marsh	Species of grazing marsh grasslands and associated ditch systems	Aquatic and marginal plants of grazing marsh ditches Plants of seasonally flooded grasslands, included hollows and shallow pools Invertebrates of grazing marsh grassland and associated ditches Breeding & wintering birds of seasonally flooded grazing marsh
Rivers (of high ecological quality)	Species of rivers, streams and riparian habitats	Riparian dragonflies and damselflies Plants of species-rich lowland rivers Invertebrates of chalk streams Invertebrates of muddy and gravelly river margins Birds of lowland rivers Bryophytes of riparian habitats Plants of muddy pond, stream and river margins Bats of riparian habitats Migratory Fish Salmonid fish Fish dependant on clean gravels for spawning



Wetland habitats

UK Priority and Section 41 habitat(s)	Habitat assemblage (cross-taxa or multi-taxa assemblage)	Species assemblage (micro-habitat assemblage)
Mesotrophic lakes	Species of ponds and lakes	Plants of nutrient-poor waterbodies Plants of muddy pond and lake margins Invertebrates of nutrient-poor water bodies Dragonflies and damselflies of ponds and lakes Breeding birds of ponds and lakes Wintering and passage birds of inland water bodies Invertebrates of ponds in the wider countryside and suburban gardens Amphibians of ponds in the wider countryside and suburban gardens Wetland bats
Ponds (of high ecological quality)		

Coastal habitats

UK Priority and Section 41 habitat(s)	Habitat assemblage (cross-taxa or multi-taxa assemblage)	Species assemblage (micro-habitat assemblage)
Maritime cliffs and slopes	Species of maritime cliffs, undercliffs and coastal slopes	Plants of cliffs ledges and maritime grassland Lichens of exposed maritime rocks and boulders Lichens of maritime rock outcrops and boulders Bryophytes and Lichens of maritime slopes Bryophytes of sheltered maritime undercliffs Invertebrates of cliff slopes and maritime grasslands Invertebrates of scree and rock faces Breeding birds of sea cliffs



Coastal habitats

UK Priority and Section 41 habitat(s)	Habitat assemblage (cross-taxa or multi-taxa assemblage)	Species assemblage (micro-habitat assemblage)
Maritime cliffs and slopes	Species of soft rock and slumping cliffs	Plants of slumping clay and sand cliffs Lichens and bryophytes of slumping clay and sand cliffs Invertebrates of open sand and clay on slumping soft cliffs Invertebrates of seepages and flushes on slumping soft cliffs
Coastal vegetated shingle	Species of stabilised and vegetated shingle	Plants of open vegetated shingle Plants of shingle grassland Lichens of stabilised shingle Invertebrates of stabilised and vegetated shingle
Coastal sand dunes	Species of sand dunes	Plants of pioneer, mobile and semi-fixed sand dunes Fungi of acid sand dunes and dune slacks Lichens of acid dune heaths Invertebrates of open acid sand dunes and dune slacks Invertebrates associated with sparsely vegetated beaches and strandlines
Coastal saltmarsh	Species of saltmarsh and brackish-freshwater transitions	Plants of pioneer, lower and middle saltmarsh Plants of upper saltmarsh and freshwater transitions Invertebrates of upper saltmarshes and brackish marshes Plants of brackish ground and coastal grazing marsh
Intertidal mudflats	Species of estuarine intertidal mudflats	Wintering waterbirds of mudflats and saltmarshes
Seagrass beds	Species of seagrass beds	



Coastal habitats

UK Priority and Section 41 habitat(s)	Habitat assemblage (cross-taxa or multi-taxa assemblage)	Species assemblage (micro-habitat assemblage)
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Saline lagoons

Wintering waterbirds of estuarine waters and shorelines

Beach nesting birds

Invertebrates associated with sparsely vegetated beaches and strandlines

Farmland, Town and Village habitats

UK Priority and Section 41 habitat(s)	Habitat assemblage (cross-taxa or multi-taxa assemblage)	Species assemblage (micro-habitat assemblage)
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Arable field margins

Species of arable farmland and field margins

Breeding farmland birds

Wintering farmland birds

Arable plants of cultivated field margins

Invertebrates of field margins

Species-rich hedgerows

Species of species-rich hedges and hedge banks

Plants of species-rich hedgerows and hedge banks

Plants of old droves, green lanes and Holloways

Invertebrates of species-rich hedgerows and hedge banks

Breeding birds of hedgerows and scrub habitats

Species of species-rich scrub and scrub edges

Breeding birds of hedgerows and scrub habitats

Invertebrates of species-rich scrub and scrub edges

Bats of the wider countryside

Synanthropic habitats

Plants of disturbed, nutrient-rich soil around farms and in the wider countryside

Lichens, fungi and bryophytes of mature and veteran wayside and pasture trees

Lichens and bryophytes of churchyards

Open early succession grassland