



IPSWICH
BOROUGH COUNCIL

Strategic Environmental Assessment and Sustainability Appraisal

Addendum to the Sustainability Appraisal Report
Appendix B Baseline Data

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This addendum represents an update to **Appendix B Baseline Data**, Chapter B.9 Biodiversity, Flora and Fauna, Suffolk BAP species. The addendum includes an updated list of Suffolk Biodiversity Action Plan Priority Species October 2014.

Reptiles and Amphibians	
Common Toad	<i>Bufo bufo</i>
Great Crested Newt	<i>Triturus cristatus</i>
Natterjack Toad	<i>Bufo calamita</i>
Adder	<i>Vipera berus</i>
Common Lizard	<i>Zootoca vivipara</i>
Grass Snake	<i>Natrix natrix</i>
Slow-worm	<i>Anguis fragilis</i>
Birds	
Barn Owl*	<i>Tyto alba*</i>
Bullfinch	<i>Pyrrhula pyrrhula</i>
Hedge Accentor (Dunnock)	<i>Prunella modularis</i>
Common Starling	<i>Sturnus vulgaris</i>
House Sparrow	<i>Passer domesticus</i>
Song Thrush	<i>Turdus philomelos</i>
Spotted Flycatcher	<i>Muscicapa striata</i>
Bitten	<i>Botaurus stellaris</i>
Black-tailed Godwit	<i>Limosa limosa</i>
Herring Gull <i>subsp. argenteus</i>	<i>Larus argentatus subsp. argenteus</i>
Common Cuckoo	<i>Cuculus canorus</i>
Common Grasshopper Warbler	<i>Locustella naevia</i>
Eurasian Curlew	<i>Numenius arquata</i>
Hawfinch	<i>Coccothraustes coccothraustes</i>
Lesser Redpoll	<i>Carduelis cabaret</i>
Lesser Spotted Woodpecker	<i>Dendrocopos minor</i>
Little Tern	<i>Sterna albifrons</i>
Marsh Tit	<i>Picicle palustris</i>
Nightjar	<i>Caprimulgus europaeus</i>
Swift*	<i>Apus apus*</i>
Savi's Warbler	<i>Locustella luscinioides</i>
Stone Curlew	<i>Burhinus oedicephalus</i>
Tree Pipit	<i>Anthus trivialis</i>
Twite	<i>Carduelis flavirostris</i>
Willow Tit	<i>Poecile montanus</i>
Wood Lark	<i>Lullula arborea</i>
Wood Warbler	<i>Phylloscopus sibilatrix</i>
Corn Bunting	<i>Miliaria calandra</i>
Eurasian Tree Sparrow	<i>Passer montanus</i>
Grey Partridge	<i>Perdix perdix</i>
Yellow Wagtail	<i>Motacilla flava</i>
Northern Lapwing	<i>Vanellus vanellus</i>
Turtle Dove	<i>Streptopelia turtur</i>
Linnet	<i>Carduelis cannabina</i>
Skylark	<i>Alauda arvensis</i>
Yellowhammer	<i>Emeriza citrinella</i>

Reed Bunting	<i>Emberiza schoeniclus</i>
Mammals	
Brown Hare	<i>Lepus europaeus</i>
Dormouse	<i>Muscardinus avellanarius</i>
European Otter	<i>Lutra lutra</i>
Polecat	<i>Mustela putorius</i>
Harvest Mouse	<i>Micromys minutus</i>
Water Vole	<i>Arvicola terrestris</i>
Water Shrew*	<i>Neomys fodiens*</i>
West European Hedgehog	<i>Erinaceus europaeus</i>
Barbastelle Bat	<i>Barbastella barbastellus</i>
Brown Long-eared Bat	<i>Plecotus auritus</i>
Lesser Horseshoe Bat	<i>Rhinolophus hipposideros</i>
Noctule Bat	<i>Nyctalus noctula</i>
Soprano Pipistrelle Bat	<i>Pipistrellus pygmaeus</i>
Minke Whale	<i>Balaenoptera acutorostrata</i>
Common Dolphin	<i>Delphinus delphis</i>
Long-finned Pilot Whale	<i>Globicephala melas</i>
Atlantic White-sided Dolphin	<i>Lagenorhynchus acutus</i>
White Beaked Dolphin	<i>Lagenorhynchus albirostris</i>
Killer Whale	<i>Orcinus orca</i>
Common Seal	<i>Phoca vitulina</i>
Striped Dolphin	<i>Stenella coeruleoalba</i>
Bottlenose Dolphin	<i>Tursiops truncatus</i>
Harbour Porpoise	<i>Phocoena phocoena</i>
Fish - freshwater	
European Eel	<i>Anguilla anguilla</i>
River Lamprey	<i>Lampetra fluviatilis</i>
Spined Loach	<i>Cobitis taenia</i>
Fish – marine	
Allis Shad	<i>Alosa alosa</i>
Twaite Shad	<i>Alosa fallax</i>
Lesser Sandeel	<i>Ammodytes marinus</i>
Basking Shark	<i>Cetorhinus maximus</i>
Herring	<i>Clupea harengus</i>
Common Skate	<i>Dipturus batis</i>
Cod	<i>Gadus morhua</i>
Tope Shark	<i>Galeorhinus galeus</i>
Long-snouted Seahorse	<i>Hippocampus guttulatus</i>
Short-snouted Seahorse	<i>Hippocampus hippocampus</i>
Atlantic Halibut	<i>Hippoglossus hippoglossus</i>
Porbeagle Shark	<i>Lamna nasus</i>
Sea Monkfish	<i>Lophius piscatorius</i>
Whiting	<i>Merlangius merlangus</i>
European Hake	<i>Merluccius merluccius</i>
Ling	<i>Molva molva</i>
Smelt	<i>Osmerus eperlanus</i>
Native Oyster	<i>Ostrea edulis</i>
Sea Lamprey	<i>Petromyzon marinus</i>
Plaice	<i>Pleuronectes platessa</i>
Blue Shark	<i>Prionace glauca</i>

Undulate Ray	<i>Raja undulata</i>
White or Bottlenosed Skate	<i>Rostroraja alba</i>
Atlantic Salmon	<i>Salmo salar</i>
Brown or Sea Trout	<i>Salmo trutta</i>
Mackerel	<i>Scomber scombrus</i>
Sole	<i>Solea solea</i>
Spiny Dogfish	<i>Squalus acanthias</i>
Angel Shark	<i>Squatina squatina</i>
Blue-fin Tuna	<i>Thunnus thynnus</i>
Horse Mackerel	<i>Trachurus trachurus</i>
Bees	
Brown-Banded Carder Bee	<i>Bombus humilis</i>
Large Garden Bumblebee	<i>Bombus ruderatus</i>
Moss Carder Bee	<i>Bombus muscorum</i>
Red-shanked Carder-bee	<i>Bombus ruderarius</i>
Sea-aster Colletes Bee	<i>Colletes halophilus</i>
Antlion	
Antlion*	<i>Euroleon nostras*</i>
Beetles	
Wormwood Moonshiner	<i>Amara fusca</i>
Scarce Four-dot Pin-palp	<i>Bembidion quadripustulatum</i>
Poplar Leaf-rolling Weevil	<i>Byctiscus populi</i>
Necklace Ground Beetle	<i>Carabus monilis</i>
Pashford Pot Beetle	<i>Cryptocephalus exiguus</i>
Six-spotted Pot Beetle	<i>Cryptocephalus sexpunctatus</i>
Zircon Reed Beetle	<i>Donacia aquatica</i>
Brush-thighed Seed-eater	<i>Harpalus froelichii</i>
Stag beetle	<i>Lucanus cervus</i>
Black Oil Beetle	<i>Meloe proscarabaeus</i>
Alder Flea Weevil	<i>Orchestes testaceus</i>
Butterflies	
Dingy skipper	<i>Erynnis tages</i>
Grayling	<i>Hipparchia semele</i>
Silver-studded Blue	<i>Plebejus argus</i>
Small Heath	<i>Coenonympha pamphilus</i>
Wall	<i>Lasiommata megera</i>
White Admiral	<i>Limenitis camilla</i>
White Letter Hairstreak	<i>Satyrium w-album</i>
Cnidarians	
Starlet Sea-anemone	<i>Nematostella vectensis</i>
Crustaceans	
Lagoon Sand Shrimp	<i>Gammarus insensibilis</i>
White-clawed Crayfish	<i>Austropotamobius pallipes</i>
Dragonflies	
Norfolk Hawker	<i>Aeshna isosceles</i>
Flies	
Golden Hoverfly	<i>Callicera spinolae</i>
Fancy-legged Fly	<i>Campsicnemus magius</i>
Cigarillo gall-fly	<i>Lipara similis</i>

Southern Yellow Splinter	<i>Lipsothrix nervosa</i>
Molluscs	
Depressed River Mussel	<i>Pseudanodonta complanata</i>
Desmoulin's Whorl Snail	<i>Vertigo moulinsiana</i>
Large-mouthed Valve Snail	<i>Valvata macrostoma</i>
Narrow-mouth Whorl snail	<i>Vertigo angustior</i>
Native Oyster	<i>Ostrea edulis</i>
Ramshorn Snail	<i>Anisus vorticulus</i>
Shining Ram's Horn Snail	<i>Segmentina nitida</i>
Swollen Spire Snail	<i>Mercuria similis</i>
Moths	
The Forester	<i>Adscita statices</i>
Sloe Carpet	<i>Aleucis distinctata</i>
Rest Harrow	<i>Aplasta ononaria</i>
White Mantled Wainscot	<i>Archanara neurica</i>
Fenn's Wainscot	<i>Chortodes brevilinea</i>
The Concolorous	<i>Chortodes extrema</i>
Water-dock Case-bearer	<i>Coleophora hydrolapathella</i>
Basil Thyme Case-bearer	<i>Coleophora tricolor</i>
White Spotted Pinion	<i>Cosmia diffinis</i>
Goat Moth	<i>Cossus cossus</i>
Dingy Mocha	<i>Cyclophora pendularia</i>
False Mocha	<i>Cyclophora porata</i>
Bordered Gothic	<i>Graphiphora augur</i>
Narrow-bordered Bee Hawk Moth	<i>Hemaris tityus</i>
Grey Carpet	<i>Lithostege griseata</i>
Horehound Long-horn Moth	<i>Nemophora fasciella</i>
Lunar Yellow Underwing	<i>Noctua orbona</i>
Barberry Carpet	<i>Pareulype berberata</i>
Pale Shining Brown	<i>Polia bombycina</i>
Olive Crescent	<i>Trisateles emortualis</i>
Four-spotted Moth	<i>Tyta luctuosa</i>
Moths – Research only	
The species listed below are common and widespread, but rapidly declining	
Grey Dagger	<i>Acronicta psi</i>
Knot Grass	<i>Acronicta rumicis</i>
Flounced Chestnut	<i>Agrochola helvola</i>
Brown-spot Pinion	<i>Agrochola litura</i>
Beaded Chestnut	<i>Agrochola lychnidis</i>
Green-brindled Crescent	<i>Allophyes oxyacanthae</i>
Ear Moth	<i>Amphipoea oculea</i>
Mouse Moth	<i>Amphipyra tragopoginis</i>
Large Nutmeg	<i>Apamea anceps</i>
Dusky Brocade	<i>Apamea remissa</i>
Deep-brown Dart	<i>Aporophyla lutulenta</i>
Garden Tiger	<i>Arctia caja</i>
Sprawler	<i>Asteroscopus sphinx</i>
Centre-barred Sallow	<i>Atethmia centrago</i>
Dark Brocade	<i>Blepharita adusta</i>
Minor Shoulder Knot	<i>Brachylochia viminalis</i>
Mottled Rustic	<i>Caradrina Morpheus</i>

Haworth's Minor	<i>Celaena haworthii</i>
Crescent	<i>Celaena leucostigma</i>
Streak	<i>Chesias legatella</i>
Broom-Tip	<i>Chesias rufata</i>
Latticed Heath	<i>Chiasmia clathrata</i>
Oak Lutestring	<i>Cymatophorima diluta</i>
Small Square-spot	<i>Diarsia rubi</i>
Figure of Eight	<i>Diloba caeruleocephala</i>
Small Phoenix	<i>Ecliptopera silaceata</i>
September Thorn	<i>Ennomos erosaria</i>
Dusky Thorn	<i>Ennomos fuscantaria</i>
August Thorn	<i>Ennomos quercinaria</i>
Gallium Carpet	<i>Epirrhoe galiata</i>
Autumnal Rustic	<i>Eugnorisma glareosa</i>
Spinach	<i>Eulithis mellinata</i>
Garden Dart	<i>Euxoa nigricans</i>
White-line Dart	<i>Euxoa tritici</i>
Double Dart	<i>Graphiphora augur</i>
Small Emerald	<i>Hemistola chrysoprasaria</i>
Ghost Moth	<i>Hepialus humuli</i>
Rustic	<i>Hoplodrina blanda</i>
Rosy Rustic	<i>Hydraecia micacea</i>
Brindled Beauty	<i>Lycia hirtaria</i>
V-moth	<i>Macaria wauaria</i>
Lackey	<i>Malacosoma Neustria</i>
Dot Moth	<i>Melanchra persicariae</i>
Broom Moth	<i>Melanchra pisi</i>
Pretty Chalk Carpet	<i>Melanthia procellata</i>
Rosy Minor	<i>Mesoligia literosa</i>
Shoulder-striped Wainscot	<i>Mythimna comma</i>
Oblique Carpet	<i>Orthonama vittata</i>
Powered Quaker	<i>Orthosia gracilis</i>
Dark Spinach	<i>Pelurga comitata</i>
Large Wainscot	<i>Rhizedra lutosa</i>
Mullein Wave	<i>Scopula marginepunctata</i>
Shaded Broad-bar	<i>Scotopteryx chenopodiata</i>
White Ermine	<i>Spilosoma lubricipeda</i>
Buff Ermine	<i>Spilosoma luteum</i>
Anomalous	<i>Stilbia anomala</i>
Hedge Rustic	<i>Tholera cespitis</i>
Feathered Gothic	<i>Tholera decimalis</i>
Blood Vein	<i>Timandra comae</i>
Pale Eggar	<i>Trichiura crataegi</i>
Cinnabar	<i>Tyria jacobaeae</i>
Oak Hook-tip	<i>Watsonalla binaria</i>
Dusky Lemon Sallow	<i>Xanthia gilvago</i>
Sallow	<i>Xanthia ictertia</i>
Dark-barred Twin-spot Carpet	<i>Xanthorhoe ferrugata</i>
Heath Rustic	<i>Xestia agathina</i>
Neglected Rustic	<i>Xestia castanea</i>
Spiders	
Yellow-striped Bear-spider	<i>Arctosa fulvolineata</i>

Duffy's Bell-headed Spider	<i>Baryphyma duffeyi</i>
Serrated Tongue Spider	<i>Centromerus serratus</i>
Rosser's Sac-spider	<i>Clubiona rosserae</i>
Silky Gallows-spider	<i>Dipoena inornata</i>
Fen Raft Spider	<i>Dolomedes plantarius</i>
Heath Grasper	<i>Haplodrassus dalmatensis</i>
Swamp Lookout Spider	<i>Notioscopus sarcinatus</i>
Whelk-shell Jumper	<i>Pseudeuophrys obsoleta</i>
Wasps	
Weevil Hunting Wasp	<i>Cerceris quadricincta</i>
Fen Mason-wasp	<i>Odynerus simillimus</i>
5-Banded Tailed Digger Wasp	<i>Cerceris quinquefasciata</i>
Bugs	
A Mirid Bug*	<i>Orthotylus rubidus*</i>
Bryophytes	
Pitted Frillwort	<i>Fossombronia foveolata</i>
Thatch Moss	<i>Leptodontium gemmascens</i>
Texas Balloonwort	<i>Sphaerocarpos texanus</i>
Chalk Screw Moss	<i>Tortula vahliana</i>
Veilwort	<i>Pallavicinia lyellii</i>
Fungi	
Bearded Tooth	<i>Hericium erinaceus</i>
Coral Tooth	<i>Hericium coralloides</i>
Oak Polypore	<i>Piptoporus quercinus</i>
Orange Chanterelle	<i>Cantharellus friesii</i>
Sandy Stilt Puffball	<i>Battarraea phalloides</i>
Pepper Pot	<i>Myriostoma coliforme</i>
Orchard Tooth	<i>Sarcodontia crocea</i>
Lichens	
A Lichen	<i>Anaptychia ciliaris subsp. ciliaris</i>
A Lichen	<i>Bacidia incompta</i>
Starry Breck-lichen	<i>Buellia asterella</i>
Orange-fruited Elm-lichen	<i>Caloplaca luteoalba</i>
A Lichen	<i>Caloplaca virescens</i>
A lichen	<i>Lecania chlorotiza</i>
A Lichen	<i>Pyrenula nitida</i>
Scaly Breck-lichen	<i>Squamarina lentigera</i>
A Lichen	<i>Toninia physaroides</i>
A Lichen	<i>Toninia sedifolia</i>
Plants	
Early Marsh-orchid (cream flowered)	<i>Dactylorhiza incarnata subs. Ochroleuca</i>
Annual Knawel	<i>Scleranthus annuus</i>
Basil Thyme	<i>Clinopodium acinos</i>
Bearded Stonewort	<i>Chara canescens</i>
Borrer's Saltmarsh-grass	<i>Puccinellia fasciculata</i>
Broad-leaved Cudweed	<i>Fiago pyramidata</i>
Corn Buttercup	<i>Ranunculus arvensis</i>
Cornflower	<i>Centaurea cyanus</i>
Crested Cow-wheat	<i>Melampyrum cristatum</i>
Divided Sedge	<i>Carex divisa</i>

Field Wormwood	<i>Artemisia campestris</i>
Fine-leaved Sandwort	<i>Minuartia hybrida</i>
Fingered Speedwell	<i>Veronica triphyllos</i>
Flat Sedge	<i>Blysmus compressus</i>
Fly Orchid	<i>Ophrys insectifera</i>
Frog Orchid	<i>Dactylorhiza viridis</i>
Grape-hyacinth	<i>Muscari neglectum</i>
Greater Water-parsnip	<i>Sium latifolium</i>
Man Orchid	<i>Aceras anthropophorum</i>
Marsh Stitchwort	<i>Stellaria palustris</i>
Native Black Poplar*	<i>Populus ingra spp betulifolia*</i>
Pillwort	<i>Pilularia globulifera</i>
Prickly Saltwort	<i>Salsola kali subs. Kali</i>
Purple Milk-vetch	<i>Astragalus danicus</i>
Rare Spring-sedge	<i>Carex ercetorum</i>
Red Hemp-nettle	<i>Galeopsis angustifolia</i>
Red-tipped Cudweed	<i>Filago lutescens</i>
Sea Barley	<i>Hordeum marinum</i>
Shepherd's Needle	<i>Scandix pecten-veneris</i>
Slender Hare's-ear	<i>Bupleurum tenuissimum</i>
Small Cord-grass	<i>Spartina maritime</i>
Small-flowered Catchfly	<i>Silene gallica</i>
Spanish Catchfly	<i>Silene otites</i>
Spreading Hedge-parsley	<i>Torilis arvensis</i>
Spring Speedwell	<i>Veronica verna</i>
Stinking Goosefoot	<i>Chenopodium vulvaria</i>
Tassel Stonewort	<i>Tolypella intricate</i>
Tower Mustard	<i>Arabis glabra</i>
Tubular Water-dropwort	<i>Oenanthe fistulosa</i>
Unspotted Lungwort	<i>Pulmonaria obscura*</i>

Source: <http://www.suffolkbiodiversity.org/>