

The Lake Lothing (Lowestoft) Third Crossing Order 201[*]



Lake Lothing
**THIRD
CROSSING**

**Document 6.3: Environmental Statement
Volume 3 Appendices**

Appendix 11C

BAP List

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Species	Other Designations	Habitats within Scheme Boundary	Additional Notes
Mammals			
Atlantic White-sided Dolphin <i>Lagenorhynchus acutus</i>		No	
Bats (grouped plan)	EPS	Yes	
Bottlenose Dolphin <i>Tursiops truncatus</i>		No	
Brown hare <i>Lepus europaeus</i>		No	
Common Dolphin <i>Delphinus delphis</i>		No	
Common Seal <i>Phoca vitulina</i>		No	
Dormouse <i>Muscardinus avellanarius</i>		No	
Harbour porpoise <i>Phocoena phocoena</i>		Yes	
Harvest Mouse <i>Micromys minutus</i>		No	
Hedgehog <i>Erinaceus europaeus</i>		Yes	
Humpback Whale <i>Megaptera novaeangliae</i>		No	
Long-finned Pilot Whale <i>Globicephala melas</i>		No	
Killer Whale <i>Orcinus orca</i>		No	
Minke Whale <i>Balaenoptera acutorostrata</i>		No	
Otter <i>Lutra lutra</i>	EPS	Yes	
Polecat <i>Mustela putorius</i>		No	
Striped Dolphin <i>Stenella coeruleoalba</i>		No	
Water vole <i>Arvicola terrestris</i>	EPS	Yes	
Water Shrew <i>Neomys fodiens</i>		No	
White Beaked Dolphin <i>Lagenorhynchus albirostris</i>		No	
Red squirrel <i>Sciurus vulgaris</i>		No	Thought to be extinct in Suffolk
Amphibians & Reptiles			
Adder <i>Vipera berus</i>		No	

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Common Lizard <i>Zootoca vivipara</i>		Yes	
Common Toad <i>Bufo bufo</i>		Yes	
Grass Snake <i>Natrix natrix</i>		Yes	
Great crested newt <i>Triturus cristatus</i>		No	
Natterjack Toad <i>Epidalea calamita</i> (Formerly <i>Bufo calamita</i>)		No	
Slow-worm <i>Anguis fragilis</i>		Yes	
Birds			
Barn Owl <i>Tyto alba</i>	Sch 1	No	
Bittern <i>Botaurus stellaris</i>	Sch 1 BoCC Amber	No	
Black-tailed Godwit <i>Limosa limosa</i>	Sch 1 BoCC Red	No	
Bullfinch <i>Pyrrhula pyrrhula</i>	BoCC Amber	Yes	
Common Cuckoo <i>Cuculus canorus</i>	BoCC Red	Limited	
Common Grasshopper Warbler <i>Locustella naevia</i>	BoCC Red	No	
Corn Bunting <i>Miliaria calandra</i>	BoCC Red	No	
Curlew <i>Numenius arquata</i>	BoCC Red	No	
Grey partridge <i>Perdix perdix</i>	BoCC Red	No	
Hedge Accentor (Dunnock) <i>Prunella modularis</i>	BoCC Amber	Yes	
Herring Gull subspecies <i>argenteus Larus argentatus argenteus</i>	BoCC Red	Yes	
House Sparrow <i>Passer domesticus</i>	BoCC Red	Yes	
Lesser Redpoll <i>Carduelis cabaret</i>	BoCC Red	No	
Lesser Spotted Woodpecker <i>Dendrocopos minor</i>	BoCC Red	No	
Linnet <i>Carduelis cannabina</i>	BoCC Red	No	
Little tern <i>Sterna albifrons</i>	Sch 1 BoCC Amber	No	
Marsh Tit <i>Poecile palustris</i>	BoCC Red	Yes	

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Nightjar <i>Caprimulgus europaeus</i>	BoCC Amber	No	
Northern Lapwing <i>Vanellus vanellus</i>	BoCC Red	No	
Reed Bunting <i>Emberiza schoeniclus</i>	BoCC Amber	No	
Savi's Warbler <i>Locustella luscinioides</i>	Sch 1 BoCC Red	No	
Skylark <i>Alauda arvensis</i>	BoCC Red	No	
Song thrush <i>Turdus philomelos</i>	BoCC Red	Yes	
FSpotted Flycatcher <i>Muscicapa striata</i>	BoCC Red	Yes	
Starling <i>Sturnus vulgaris</i>	BoCC Red	Yes	
Stone curlew <i>Burhinus oedicanus</i>	Sch 1 BoCC Amber	No	
Swift <i>Apus apus</i>	BoCC Amber	Yes	
Tree Pipit <i>Anthus trivialis</i>	BoCC Red	No	
Tree Sparrow <i>Passer montanus</i>	BoCC Red	Yes	
Turtle Dove <i>Streptopelia turtur</i>	BoCC Red	Yes	
Twite <i>Carduelis flavirostris</i>	BoCC Red	No	
Willow Tit <i>Poecile montanus</i>	BoCC Red	Yes	
Woodlark <i>Lullula arborea</i>	Sch 1	No	
Wood Warbler <i>Phylloscopus sibilatrix</i>	BoCC Red	No	
Yellowhammer <i>Emberiza citronella</i>	BoCC Red	No	
Yellow Wagtail <i>Motacilla flava</i>	BoCC Red	Yes	
Freshwater Fish			
European Eel <i>Anguilla Anguilla</i>		Yes	
River Lamprey <i>Lampetra fluviatilis</i>		Yes	
Spined Loach <i>Cobitis taenia</i>		Yes	Not known to be in the River Waveney
Marine Fish			
Allis Shad <i>Alosa alosa</i>		Yes	Not thought to be present in Suffolk

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Twaite Shad <i>Alosa fallax</i>		Yes	Not thought to be present in Suffolk
Lesser Sandeel <i>Ammodytes marinus</i>		Yes	
Basking Shark <i>Cetorhinus maximus</i>		No	
Herring <i>Clupea harengus</i>		No	
Common Skate <i>Dipturus batis</i>		No	
Cod <i>Gadus morhua</i>		Yes	
Tope Shark <i>Galeorhinus galeus</i>		Yes	
Long-snouted Seahorse <i>Hippocampus guttulatus</i>		No	
Short-snouted Seahorse <i>Hippocampus hippoglossus</i>		No	
Atlantic Halibut <i>Hippoglossus hippoglossus</i>		No	
Porbeagle Shark <i>Lamna nasus</i>		No	
Sea Monkfish <i>Lophius piscatorius</i>		No	
Whiting <i>Merlangius merlangus</i>		No	
European Hake <i>Merluccius merluccius</i>		No	
Ling <i>Molva molva</i>		No	Not known to be found in East Anglian waters
Smelt <i>Osmerus eperlanus</i>		Yes	
Sea Lamprey <i>Petromyzon marinus</i>		Yes	
Plaice <i>Pleuronectes platessa</i>		No	
Blue Shark <i>Prionace glauca</i>		No	
Undulate Ray <i>Raja undulata</i>		No	
White or Bottlenosed Skate <i>Rostroraja alba</i>		No	
Brown or Sea Trout <i>Salmo trutta</i>		Yes	
Mackerel <i>Scomber scombus</i>		No	
Sole <i>Solea solea</i>		No	

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Spiny Dogfish <i>Squalus acanthias</i>		No	
Angel Shark <i>Squatina squatina</i>		No	
Blue-fin Tuna <i>Thunnus thynnus</i>		No	
Horse Mackerel <i>Trachurus trachurus</i>		No	
Bees & Antlion			
Brown-banded Carder Bee <i>Bombus humilis</i>		No	
Large Garden Bumblebee <i>Bombus ruderatus</i>		Limited	
Moss Carder Bee <i>Bombus muscorum</i>		No	
Red-Shanked Carder-bee <i>Bombus ruderarius</i>		No	
Sea-aster Colletes Bee <i>Colletes halophilus</i>		Yes	
Antlion <i>Euroleon nostras</i>		No	
Beetles			
Wormwood Moonshiner <i>Amara fusca</i>		No	
Scarce Four-dot Pin-palp <i>Bembidion quadripustulatum</i>		Yes	
Poplar Leaf-rolling Weevil <i>Byctiscus populi</i>		Yes	
Necklace Ground Beetle <i>Carabus monilis</i>		No	
Pashford Pot Beetle <i>Cryptocephalus exiguus</i>		No	
Six-spotted Pot Beetle <i>Cryptocephalus sexpunctatus</i>		Yes	
Zircon Reed Beetle <i>Donacia aquatic</i>		No	
Brush-thighed Seed-eater <i>Harpalus froelichii</i>		Yes	Restricted to several sites in Breckland only
Stag beetle <i>Lucanus cervus</i>	WCA (sale only)	No	
Black Oil Beetle <i>Meloe proscarabaeus</i>		Yes	

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Alder Flea weevil <i>Orchestes testaceus</i>		Yes	
Butterflies			
Dingy Skipper <i>Erynnis tages</i>		Yes	
Grayling <i>Hipparchia Semele</i>		Yes	
Silver-studded Blue <i>Plebejus argus</i>		No	
Small Heath <i>Coenonympha pamphilus</i>		Yes	
Wall <i>Lasiommata megera</i>		Yes	
White Admiral <i>Limenitis camilla</i>		No	
White-letter Hairstreak <i>Satyrrium w-album</i>	WCA (sale only)	No	
Cnidarians & Crustaceans			
Starlet sea-anemone <i>Nematostella vectensis</i>	WCA	No	
Lagoon Sand Shrimp <i>Gammarus insensibilis</i>	WCA (4a – damage to structures)	No	
White-clawed crayfish <i>Austropotamobius pallipes</i>	WCA (taking & sale)	No	
Dragonflies & Flies			
Norfolk hawker <i>Aeshna isoceles</i>	WCA	No	
Golden Hoverfly <i>Callicera spinolae</i>		No	
Fancy-legged fly <i>Campsicnemus magius</i>		Yes	
Cigarillo Gall-fly <i>Lipara similis</i>		No	
Southern Yellow Splinter <i>Lipsothrix nervosa</i>		No	
Molluscs			
Depressed river mussel <i>Pseudanodonta complanata</i>		No	
Desmoulin's whorl snail <i>Vertigo moulinsiana</i>		No	
Large-mouthed Valve Snail <i>Valvata macrostoma</i>		No	

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Narrow-mouth whorl snail <i>Vertigo angustior</i>		No	
Native Oyster <i>Ostrea edulis</i>		Yes	
Ramshorn snail <i>Anisus vorticulus</i>		No	
Shining ram's-horn snail <i>Segmentina nitida</i>		No	
Moths			
The Forester <i>Adscita statices</i>		Yes	
Sloe Carpet <i>Aleucis distinctata</i>		No	
Rest Harrow <i>Aplasta ononaria</i>		No	
White-mantled Wainscot <i>Archanara neurica</i>		No	
Fenn's Wainscot <i>Chortodes brevilinea</i>		No	
The Concolorous <i>Chortodes extrema</i>		No	
Water-dock Case-bearer <i>Coleophora hydrolapathella</i>		No	
Basil Thyme Case-bearer <i>Coleophora tricolor</i>		No	
White Spotted Pinion <i>Cosmia diffinis</i>		No	
Goat Moth <i>Cossus cossus</i>		Yes	
Dingy Mocha <i>Cyclophora pendularia</i>		Yes	
False Mocha <i>Cyclophora porata</i>		Yes	
Bordered Gothic <i>Heliophobus reticulate</i>		Yes	
Narrow-bordered Bee Hawk-moth <i>Hemaris tityus</i>		No	
Grey Carpet <i>Lithostege griseata</i>		No	
Horehound Long-horn Moth <i>Nemophora fasciella</i>		No	
Lunar Yellow Underwing <i>Noctua orbona</i>		No	
Barberry Carpet <i>Pareulype berberata</i>	WCA	No	

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Pale Shining Brown <i>Polia bombycina</i>		Yes	
Olive Crescent <i>Trisateles emortualis</i>		No	
Four-spotted Moth <i>Tyta luctuosa</i>		Yes	
Spiders			
Yellow-striped Bear-spider <i>Arctosa fulvolineata</i>		No	
Duffy's Bell-headed Spider <i>Baryphyma duffeyi</i>		No	
Serrated Tongue Spider <i>Centromerus serratus</i>		No	
Rosser's Sac-spider <i>Clubiona rosserae</i>		No	
Silky Gallows-spider <i>Dipoena inornata</i>		No	
Fen Raft Spider <i>Dolomedes plantarius</i>	WCA	No	
Heath Grasper <i>Haplodrassus dalmatensis</i>		No	
Swamp Lookout Spider <i>Notioscopus sarcinatus</i>		No	
Whelk-shell Jumper <i>Pseudeuophrys obsoleta</i>		No	
Wasps			
Weevil Hunting Wasp <i>Cerceris quadricincta</i>		Yes	
Fen Mason-wasp <i>Odynerus simillimus</i>		No	
5-Banded Tailed Digger Wasp <i>Cerceris quinquefasciata</i>		Yes	
Bugs			
A Mirid Bug <i>Orthotylus rubidus</i>		No	
Bryophytes			
Pitted Frillwort <i>Fossombronia foveolata</i>		No	
Thatch Moss <i>Leptodontium gemmascens</i>		No	

Species	Other Designations	Habitats within Scheme Boundary	Additional Notes
Texas Balloonwort <i>Sphaerocarpos texanus</i>		Yes	
Chalk Screw Moss <i>Tortula vahliana</i>		Yes	Not known in Suffolk
Veilwort <i>Pallavicinia lyellii</i>		No	
Fungi			
Bearded Tooth <i>Hericium erinaceus</i>		No	
Coral Tooth <i>Hericium coralloides</i>		No	
Oak Polypore <i>Buglossoporus pulvinus</i>		No	
Orange Chanterelle <i>Cantharellus friesii</i>		No	
Sandy stilt puffball <i>Battarraea phalloides</i>		Yes	
Pepper Pot <i>Myriostoma coliforme</i>		No	
Orchard Tooth <i>Sarcodontia crocea</i>		No	
'Tiny Earthstar' <i>Geastrum minimum</i>		Yes	
Lichens			
A Lichen <i>Anaptychia ciliaris</i> subsp. ciliaris		Yes	Few mature trees of the host species
A Lichen <i>Bacidia incompta</i>		No	
Starry breck-lichen <i>Buellia asterella</i>		No	
Orange-fruited elm-lichen <i>Caloplaca luteoalba</i>		Yes	
A Lichen <i>Caloplaca virescens</i>		Yes	
A lichen <i>Lecania chlorotiza</i>		Yes	
A Lichen <i>Pyrenula nitida</i>		Yes	
Scaly Breck-lichen <i>Squamarina lentigera</i>		Yes	
A Lichen <i>Toninia physaroides</i>		No	
A Lichen <i>Toninia sedifolia</i>		Yes	
Plants			

Species	Other Designations	Habitats within Scheme Boundary	Additional Notes
Early Marsh-orchid (cream flowered) <i>Dactylorhiza incarnata</i> subs. <i>Ochroleuca</i>		No	
Annual Knawel <i>Scleranthus annuus</i>		No	
Basil Thyme <i>Clinopodium acinos</i>		No	
Bearded Stonewort <i>Chara canescens</i>		No	
Borrer's Saltmarsh-grass <i>Puccinellia fasciculata</i>		No	
Broad-leaved Cudweed <i>Filago pyramidata</i>		No	
Corn Buttercup <i>Ranunculus arvensis</i>		No	
Cornflower <i>Centaurea cyanus</i>		No	
Crested Cow-wheat <i>Melampyrum cristatum</i>		No	
Divided Sedge <i>Carex divisa</i>		No	
Field Wormwood <i>Artemisia campestris</i>		Yes	
Fine-leaved Sandwort <i>Minuartia hybrida</i>		Yes	
Fingered Speedwell Veronica triphyllos		Yes	
Flat Sedge <i>Blysmus compressus</i>		No	
Fly Orchid <i>Ophrys insectifera</i>		No	
Frog Orchid <i>Dactylorhiza viridis</i>		No	
Grape-hyacinth <i>Muscari neglectum</i>		Yes	
Greater Water-parsnip <i>Sium latifolium</i>		No	
Man orchid <i>Aceras anthropophorum</i>		No	
Stitchwort <i>Stellaria palustris</i>		No	
Native Black Poplar <i>Populus nigra</i> ssp. <i>betulifolia</i>		No	
Pillwort <i>Pilularia globulifera</i>		No	
Prickly Saltwort <i>Salsola kali</i> subs. <i>Kali</i>		No	

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Purple Milk-vetch <i>Astragalus danicus</i>		No	
Rare Spring-sedge <i>Carex ercetorum</i>		No	
Red Hemp-nettle <i>Galeopsis angustifolia</i>		Yes	
Red-tipped Cudweed <i>Filago lutescens</i>		Yes	
Sea Barley <i>Hordeum marinum</i>		No	
Shepherd's needle <i>Scandix pectinveris</i>		No	
Slender Hare's-ear <i>Bupleurum tenuissimum</i>		No	
Small Cord-grass <i>Spartina maritima</i>		No	
Small-flowered Catchfly <i>Silene gallica</i>		Yes	
Spanish Catchfly <i>Silene otitis</i>		Yes	
Spreading Hedge-parsley <i>Torilis arvensis</i>		Yes	
Spring Speedwell <i>Veronica verna</i>		Yes	
Stinking Goosefoot <i>Chenopodium vulvaria</i>		No	
Tassel Stonewort <i>Tolypella intricata</i>		No	
Tower Mustard <i>Arabis glabra</i>		No	
Tubular Water-dropwort <i>Oenanthe fistulosa</i>		No	
Unspotted Lungwort <i>Pulmonaria obscura</i>		No	

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