From:

East Anglia ONE North; East Anglia Two To:

Subject: Representation from Christine Laschet REGISTRATION ID 20026029

Date: 01 November 2020 21:32:54

 $20\ 10$  REVISED last representation re Scottish Power (christine laschet) (1).docx Annexe Species recorded within 1000m of the bissection (1).pdf Attachments:

RSPB North Warren.pdf Ouote by Fintan Slye.html
Nightingale 2.mov

#### Dear Sir or Madam

I attach my Representation and references about EAST ANGLIA 1 NORTH AND EAST ANGLIA TWO.

Best wishes





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Representation by Christine Laschet re concerns of the effects of Wind Farms EA2 and EA1N on the Parish of Aldringham cum Thorpe.

#### **REGISTRATION ID 20026029**

My name is Christine Laschet and I live in Aldringham and have been resident in East Anglia for most of my life.. I am the chairperson of ImpACT - an informal group who seek to provide opportunities for village community activities. My father was an inshore fisherman on the Thames until the late 70's and the importance he placed upon the natural world and its' preservation has had a profound influence on my view of the world. Twenty years ago my husband and I came to live in Aldringham, attracted by its rural nature, lovely countryside, walks and proximity to the sea. We support green energy, have our own photovoltaic panels and support many green initiatives and charities.

There appear to be many pressing reasons to not grant this project a green light as it currently stands. We have grave reservations about the impact it will have upon our own quality of life, impact upon tourism, the local economy and the strains it will place on local infrastructure for decades to come.

However for me the clearest reason for rejecting this specific solution to bring wind energy ashore at this specific location is the impact upon biodiversity, local unique habitats and our natural legacy.

We all know many of our British insects, flora and fauna are seriously threatened with extinction. David Attenborough has made many memorable documentaries, about the loss of habitat and the life it supports. His message is clear, once they are gone they are gone forever.

Chief Executive of the RSPB- Beccy Speight wrote in the most recent copy of Nature's Home- 'I find the decline of nature within my lifetime unbearable. We cannot let it continue on its current trajectory' (Nature's Home- Winter 2020 page 7)

It is then shocking to find that a valuable habitat which supports many such endangered species in a special part of East Anglia is to be destroyed. Not by wind power itself, but by the clumsy method of linking so many projected energy projects in this tiny area to the National Grid and taking many years to do so.

SPR's ecological survey is brief it suggests there is nothing of great interest here—but if you look within a 1000 metre circle of the bisection of the River Hundred where the trench will be dug and the river shuttered, near the B1122 and Gypsy Lane the National Biodiversity Database lists 876 observed species, many of them red listed, such as otters, glow worms, rare lichens, nightingales, swifts, woodlarks, snakes, barn owls, kingfishers and newts (see attachment "Annexe Species recorded within 1000m of the bisection" Author – Gill Horrocks).

The location of the pinch point to shutter off the river and fell the surrounding woodland on both sides of the B1122 will destroy this valuable ecosystem and will mean the end for many of these species here which rely on this ancient habitat. Mitigation is not possible: a fragile eco system that has taken hundreds of years to evolve cannot be replaced.

Noise and destruction will continue for years potentially 24 hours a day, especially with 2 developments taking place. There will be consequences downstream from the site as the River Hundred feeds the fen and the North Warren Nature Reserve owned by the RSPB which is barely 1000 metres away. The site is not I believe even mentioned by Scottish Power in their submission (see attachment "RSPB North Warren"). Here bitterns and harriers breed. Fish are not mentioned in the National biodiversity count for the location but must be present for the Bitterns and other birds to feed. Eels have historically been present in these waterways as well. The effluent and disturbance from the workings will be carried by the river and pollute this fragile protected RSPB reserve as it continues its journey through to Thorpeness Mere until finally it flows into the sea.

Nightingales are frequently heard on paths through the Aldringham woods leading to Knodishall. In May 2015 a local musician, whilst walking in woods she used to walk to school, mimicked the nightingale's song. The nightingale answered. The result was amazing (See attachment "Nightingales call"). This video demonstrates not only how precious these areas are to the animals they support but also to local people who use them for transport and leisure. If the habitats are degraded they will not be fit for migratory species when they return to breed.

At Thorpeness, sand cliffs provide homes for Sandmartins- not much is known about where they winter but they enjoy these summer quarters. Many summer visitors, such as swifts, swallows and nightingales arrive to breed here, but they are depleted in number due to problems encountered on their long migrations and through the impacts of climate change. It is therefore of huge import that when they arrive at their summer location these sites and food sources are available. Terns and little terns, fish off the cliffs and they are also used as a navigating aid for Kittiwakes and Terns on their journeys to winter pastures so it is important that these cliffs remain untouched.

In principle this habitat is no less important than the more well-known locations elsewhere in the world. It is our 'rain forest'. We should be giving guardianship to these species and their habitat so that they can survive for future generations. Nature rich areas close to London and urban areas are so very important for the health and mental well being of the people who live here and those people who visit throughout the year.

Wind power is an exciting and positive prospect and as a country we need it badly. But locating these two projects, with the projections for many more to come, on a small fragile coastal area will mean the destruction of the local ecology and the very nature of the area and is not acceptable.

I believe the Government and BEIS are advocating a more holistic approach in a new review to bring together every aspect of delivering wind energy and of the transmission infrastructure.

Just a few days ago The Times journalist Janice Turner wrote in her column 20.10.20 (Wasteful windpower firms will feel the force.) of the necessity for proper national infrastructure planning so as not to allow privatised companies dotting unspoiled countryside with massive constructions as the cheapest options instead of bringing in energy to one single point on a brown field site. She asks

'How can clean energy be so dirty?'

I will leave you with a quote from Fintan Slye. Executive Director, National Grid ESO from the opening remarks of this review process.

He highlights the necessity when considering how to increase the potential for wind energies to facilitate net zero to do so "...in a way that minimises the impact of consumers and coastal communities" (see attachment "Offshore Transmission Network Review terms of reference").

This project in my eyes is a test case for this ambition and the proposed solution clearly does not minimise the impact upon our coastal communities – human or nature. This is the time to pause and consider afresh the method of connecting wind power to the land. Other solutions may be more expensive for the applicant but a green energy project which wipes out valuable and irreplaceable habitats defeats the object of the exercise. I urge you to go back to the developers to insist on a more measured resolution.

**Christine Laschet** 

#### **Annex**

#### List of wildlife affected by bisection of River Hundred

The River Hundred is now a slow-moving, narrow, water course, although its flood plain, and the Bronze Age burial mounds situated high on the ridged edges of this, show that it was once a navigable river with its estuary somewhere south east of Thorpeness Mere.

SPR's trenching plans will bisect River Hundred just over 1000m north of the lush, marshy areas that it irrigates in its valley, where horses, cattle and sheep graze. Once beyond Bird's Farm and River Hundred (House), the river creates a fen (including North Warren RSPB reserve), before feeding Thorpeness mere, and the water meadows between Thorpeness and Aldeburgh where migrating birds overwinter and cattle graze.

Despite its narrow aspect, the River Hundred is able to support kingfishers, otters, grass snakes, and other hunting aquatic species as well as water voles, very close to, or at the bisection point. An absence of *records* of fish, crustaceans and European eels (another endangered species) does not mean that fish, crustaceans and eels are absent: the predators would not survive without them. In any case, the rich diversity of wildlife in the marshes and in the fen plainly will not stay there when there is a watercourse to explore.

Leaflet | © OpenStreetMap contributors

The River Hundred, from 'Bisection'(O) to coastal

Observers' records (not transects), have spotted **876 living species** within a 1000m circle of the proposed bisection point of the river. These include many endangered and/or declining species, from protected mammals like water voles, to orchids, to unusual lichens on the trees around Aldringham Court (which are destined for felling).

Animals	280
Amphibians	5
Arthropods	134
Insects	134
Birds	87
Fishes	0
Mammals	19
Molluscs	31
Reptiles	4
Fungi	187
Plants	408
Bryophytes	51
Ferns and Allies	4
Flowering Plants	347
Gymnosperms and Ginkgo	6

<sup>&</sup>lt;sup>1</sup> National Biodiversity Database

## Selected lists of species, with known declining species in bold.

#### **Mammals**

1	Yellow necked mouse	1
2	Apodemus sylvaticus : Wood Mouse	36
3	Arvicola amphibius : European Water Vole	4
4	<u>Cervus elaphus</u> : Red Deer	16
5	<u>Erinaceus europaeus</u> : West European Hedge- hog	23
6	<u>Lutra lutra</u> : European Otter	3
7	Meles meles : Eurasian Badger	3
8	Muntiacus reevesi : Chinese Muntjac	103
9	Mus musculus : House Mouse	1
10	Mustela erminea : Stoat	18
11	Neovison vison : American Mink	1
12	Oryctolagus cuniculus : European Rabbit	112
13	<u>Pipistrellus pipistrellus</u> : Pipistrelle	2
14	Plecotus auritus : Brown Long-eared Bat	3
15	Rattus norvegicus : Brown Rat	9
16	Sciurus carolinensis : Eastern Grey Squirrel	111
17	Sorex araneus : Eurasian Common Shrew	1
18	Talpa europaea : European Mole	102
19	<u>Vulpes vulpes</u> : Red Fox	91

### Reptiles

1	Anguis fragilis: Slow Worm	10	
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2	Natrix helvetica : Grass Snake	23
3	Zootoca vivipara : Common Lizard	9

# **Amphibians**

		79
1	<b>Bufo bufo: Common Toad</b>	64
2	<u>Lissotriton vulgaris</u> : Smooth Newt	40
3	Rana temporaria : Common Frog	91
4	<u>Triturus cristatus</u> : Great Crested Newt	4

### Birds

1	Redpoll	3
2	Accipiter nisus : Sparrowhawk	115
3	Aegithalos caudatus : Long-tailed Tit	138
4	<u>Alauda arvensis</u> : Skylark	7
5	Alcedo atthis : Kingfisher	3
6	Alectoris rufa: Red-legged Partridge	2
7	Anthus pratensis : Meadow Pipit	2
8	Apus apus : Swift	29
9	Ardea cinerea : Grey Heron	18
10	Athene noctua: Little Owl	7
11	Bombycilla garrulus : Waxwing	2
12	Buteo buteo : Buzzard	3
13	Calidris alpina : Dunlin	1

14	<u>Caprimulgus europaeus</u> : Nightjar	10
15	<u>Carduelis</u> : Goldfinch	99
16	<u>Certhia familiaris</u> : Treecreeper	129
17	<u>Chloris chloris</u> : Greenfinch	131
18	Chroicocephalus ridibundus : Black-headed Gull	7
19	<u>Columba oenas</u> : Stock Dove	8
20	Columba palumbus : Woodpigeon	143
21	Corvus corone subsp. corone : Carrion Crow	1
22	Corvus corone : Carrion Crow	18
23	<u>Corvus frugilegus</u> : Rook	19
24	Corvus monedula : Jackdaw	65
25	<u>Cuculus canorus</u> : Cuckoo	2
26	Cyanistes caeruleus : Blue Tit	145
<b>27</b>	<b>Delichon urbicum</b> : House Martin	44
28	<u>Dendrocopos major</u> : Great Spotted Woodpecker	140
29	Emberiza citrinella: Yellowhammer	11
30	Emberiza schoeniclus : Reed Bunting	1
31	Erithacus rubecula : Robin	144
32	Falco tinnunculus : Kestrel	8
33	Fringilla coelebs : Chaffinch	148
34	Fringilla montifringilla : Brambling	8
35	Gallinago gallinago : Snipe	2
36	Gallinula chloropus : Moorhen	28
37	Garrulus glandarius : Jay	130
38	Hippolais icterina : Icterine Warbler	1
39	<u>Hirundo rustica</u> : Swallow	24

40	Jynx torquilla : Wryneck	1
41	<u>Larus argentatus</u> : Herring Gull	2
42	Larus canus : Common Gull	2
43	<u>Larus fuscus</u> : Lesser Black-backed Gull	1
44	<u>Linaria cannabina</u> : Linnet	5
45	Loxia curvirostra : Common Crossbill	1
46	<u>Lullula arborea</u> : Woodlark	20
47	<u>Luscinia megarhynchos</u> : Nightingale	1
48	<u>Lymnocryptes minimus</u> : Jack Snipe	1
49	Motacilla alba subsp. yarrellii : Pied Wagtail	2
50	Motacilla alba : Pied/White Wagtail	3
51	<u>Muscicapa striata</u> : Spotted Flycatcher	6
<b>52</b>	Numenius arquata : Curlew	1
53	Parus major : Great Tit	144
	Parus major : Great Tit  Passer domesticus : House Sparrow	144 5
54		
54 55	Passer domesticus : House Sparrow	5
54 55	Passer domesticus : House Sparrow  Passer montanus : Tree Sparrow  Periparus ater : Coal Tit	5 3
54 55 56	Passer domesticus : House Sparrow Passer montanus : Tree Sparrow Periparus ater : Coal Tit	5 3 137
54 55 56 57 58	Passer domesticus : House Sparrow  Passer montanus : Tree Sparrow  Periparus ater : Coal Tit  Phasianus colchicus : Pheasant	5 3 137 88
54 55 56 57 58 59	Passer domesticus: House Sparrow  Passer montanus: Tree Sparrow  Periparus ater: Coal Tit  Phasianus colchicus: Pheasant  Phylloscopus collybita: Chiffchaff	5 3 137 88 65
54 55 56 57 58 59	Passer domesticus: House Sparrow  Passer montanus: Tree Sparrow  Periparus ater: Coal Tit  Phasianus colchicus: Pheasant  Phylloscopus collybita: Chiffchaff  Phylloscopus trochilus: Willow Warbler	5 3 137 88 65 5
54 55 56 57 58 59 60 61	Passer domesticus: House Sparrow  Passer montanus: Tree Sparrow  Periparus ater: Coal Tit  Phasianus colchicus: Pheasant  Phylloscopus collybita: Chiffchaff  Phylloscopus trochilus: Willow Warbler  Pica pica: Magpie	5 3 137 88 65 5 141
54 55 56 57 58 59 60 61 62	Passer domesticus: House Sparrow  Passer montanus: Tree Sparrow  Periparus ater: Coal Tit  Phasianus colchicus: Pheasant  Phylloscopus collybita: Chiffchaff  Phylloscopus trochilus: Willow Warbler  Pica pica: Magpie  Picus viridis: Green Woodpecker	5 3 137 88 65 5 141 117
54 55 56 57 58 59 60 61 62 63	Passer domesticus: House Sparrow  Passer montanus: Tree Sparrow  Periparus ater: Coal Tit  Phasianus colchicus: Pheasant  Phylloscopus collybita: Chiffchaff  Phylloscopus trochilus: Willow Warbler  Pica pica: Magpie  Picus viridis: Green Woodpecker  Plectrophenax nivalis: Snow Bunting	5 3 137 88 65 5 141 117

66	Regulus regulus : Goldcrest	64
67	Saxicola rubetra : Whinchat	1
68	Saxicola rubicola : Stonechat	2
69	Scolopax rusticola: Woodcock	7
70	<u>Spinus spinus</u> : Siskin	29
71	Streptopelia decaocto : Collared Dove	63
72	Streptopelia turtur : Turtle Dove	4
73	Strix aluco : Tawny Owl	36
74	Sturnus vulgaris : Starling	6
<b>75</b>	Sylvia atricapilla: Blackcap	61
76	Sylvia borin : Garden Warbler	4
<b>77</b>	<u>Tadorna tadorna</u> : Shelduck	1
78	<u>Troglodytes troglodytes</u> : Wren	143
<b>79</b>	<u>Turdus iliacus</u> : Redwing	33
80	<u>Turdus merula</u> : Blackbird	146
81	<u>Turdus philomelos</u> : Song Thrush	92
82	<u>Turdus pilaris</u> : Fieldfare	6
83	<u>Turdus torquatus</u> : Ring Ouzel	2
84	<u>Turdus viscivorus</u> : Mistle Thrush	85
85	<u>Tyto alba</u> : Barn Owl	7
86	<u>Upupa epops</u> : Hoopoe	1
87	Vanellus vanellus : Lapwing	1

### Insects

2	Acronicta leporina : Miller	2
3	Aeshna cyanea : Southern Hawker	21
4	Aeshna mixta : Migrant Hawker	19
5	Aglais io : Peacock	94
6	Aglais urticae : Small Tortoiseshell	26
7	Amara aenea : Common Sun Beetle	3
8	Anaciaeschna isoceles : Norfolk Hawker	2
9	Anax imperator : Emperor Dragonfly	15
10	Anoplius viaticus : Black-banded Spider Wasp	1
11	Anthocharis cardamines : Orange-tip	60
12	Aphantopus hyperantus : Ringlet	42
13	Apomyelois bistriatella: Heath Knot-horn	1
14	Arctia caja : Garden Tiger	2
15	Arctia villica : Cream-spot Tiger	1
16	Argynnis paphia: Silver-washed Fritillary	1
17	Argyresthia retinella: Netted Argent	1
18	Aricia agestis : Brown Argus	9
19	Autographa gamma : Silver Y	2
20	Biston betularia : Peppered Moth	2
21	Blastobasis lacticolella: Wakely's Dowd	1
22	Bombus hypnorum : Tree Bumblebee	1
23	<b>Bombus lapidarius : Large Red-tailed Bumblebee</b>	1
24	Bombus lucorum : White-Tailed Bumble Bee	2
25	Bombus pascuorum : Common Carder Bee	2
26	Bombus terrestris : Buff-tailed Bumblebee	2
27	Brachytron pratense: Hairy Dragonfly	2

28	Bupalus piniaria: Bordered White	1
29	Callophrys rubi : Green Hairstreak	11
30	Caloptilia rufipennella: Small Red Slender	1
31	Camptogramma bilineata: Yellow Shell	1
32	Celastrina argiolus : Holly Blue	32
33	Celypha lacunana : Common Marble	1
34	Chrysolina americana: Rosemary Beetle	1
35	Cicindela campestris : Green Tiger Beetle	1
36	Coccinella septempunctata: 7-spot Ladybird	9
37	Cochylis nana: Birch Conch	1
38	Coenagrion puella: Azure Damselfly	7
39	Coenonympha pamphilus : Small Heath	10
40	Coleophora serratella: Common Case-bearer	1
41	Coleophora spinella: Apple and Plum Case-bearer	1
	<u>Coleophora spinella</u> : Apple and Plum Case-bearer <u>Colias croceus</u> : Clouded Yellow	1 5
42		
42 43	Colias croceus : Clouded Yellow	5
42 43 44	<u>Colias croceus</u> : Clouded Yellow <u>Colletes hederae</u> : Ivy Bee	5
42 43 44 45	Colias croceus : Clouded Yellow Colletes hederae : Ivy Bee Crocallis elinguaria : Scalloped Oak	5 3 2
42 43 44 45 46	Colias croceus : Clouded Yellow  Colletes hederae : Ivy Bee  Crocallis elinguaria : Scalloped Oak  Cteniopus sulphureus : Sulphur Beetle	5 3 2 1
42 43 44 45 46 47	Colias croceus : Clouded Yellow  Colletes hederae : Ivy Bee  Crocallis elinguaria : Scalloped Oak  Cteniopus sulphureus : Sulphur Beetle  Cydia ulicetana : Grey Gorse Piercer	5 3 2 1
42 43 44 45 46 47	Colias croceus : Clouded Yellow  Colletes hederae : Ivy Bee  Crocallis elinguaria : Scalloped Oak  Cteniopus sulphureus : Sulphur Beetle  Cydia ulicetana : Grey Gorse Piercer  Diaperis boleti  Ectoedemia sericopeza : Norway-maple Pigmy	5 3 2 1 1
42 43 44 45 46 47 48 49	Colias croceus : Clouded Yellow  Colletes hederae : Ivy Bee  Crocallis elinguaria : Scalloped Oak  Cteniopus sulphureus : Sulphur Beetle  Cydia ulicetana : Grey Gorse Piercer  Diaperis boleti  Ectoedemia sericopeza : Norway-maple Pigmy	5 3 2 1 1 1
42 43 44 45 46 47 48 49	Colias croceus : Clouded Yellow  Colletes hederae : Ivy Bee  Crocallis elinguaria : Scalloped Oak  Cteniopus sulphureus : Sulphur Beetle  Cydia ulicetana : Grey Gorse Piercer  Diaperis boleti  Ectoedemia sericopeza : Norway-maple Pigmy  Enallagma cyathigerum : Common Blue Damselfly	5 3 2 1 1 1 1 3
42 43 44 45 46 47 48 49 50	Colias croceus : Clouded Yellow  Colletes hederae : Ivy Bee  Crocallis elinguaria : Scalloped Oak  Cteniopus sulphureus : Sulphur Beetle  Cydia ulicetana : Grey Gorse Piercer  Diaperis boleti  Ectoedemia sericopeza : Norway-maple Pigmy  Enallagma cyathigerum : Common Blue Damselfly  Epinotia bilunana : Crescent Bell  Eriocrania sangii : Large Birch Purple	5 3 2 1 1 1 3 1

54	Eupithecia pulchellata: Foxglove Pug	1
55	Euproctis similis : Yellow-tail	2
56	Eupsilia transversa : Satellite	2
57	Euroleon nostras	3
58	Favonius quercus : Purple Hairstreak	6
59	Gonepteryx rhamni : Brimstone	19
60	Gracillaria syringella : Common Slender	1
61	Harmonia axyridis : Harlequin Ladybird	5
62	Harpalus rufipalpis	1
63	Hemaris fuciformis: Broad-bordered Bee Hawk-moth	3
64	Hipparchia semele : Grayling	17
65	Hypera dauci	1
66	Idaea subsericeata: Satin Wave	1
67	Incurvaria pectinea : Pale Feathered Bright	1
68	Ischnura elegans: Blue-tailed Damselfly	1
69	Korscheltellus lupulina: Common Swift	2
70	Lacanobia suasa : Dog's Tooth	2
71	Lampyris noctiluca : Glow-worm	15
72	Lasiommata megera : Wall	5
73	Lestes sponsa : Emerald Damselfly	2
74	Libellula depressa : Broad-bodied Chaser	2
75	Libellula quadrimaculata: Four-spotted Chaser	5
76	Lycaena phlaeas : Small Copper	42
77	Lycophotia porphyrea : True Lover's Knot	1
78	<u>Macroglossum stellatarum</u> : Humming-bird Hawk-moth	4

79	Macrothylacia rubi : Fox Moth	1
80	Maniola jurtina : Meadow Brown	82
81	Mecinus circulatus	1
82	Melanchra persicariae : Dot Moth	2
83	Meloe proscarabaeus : Black Oil-beetle	1
84	Mythimna turca : Double-line	1
85	Nemapogon cloacella: Cork Moth	1
86	Noctua orbona : Lunar Yellow Underwing	3
87	Noctua pronuba : Large Yellow Underwing	4
88	Ochlodes sylvanus : Large Skipper	8
89	Odontoscelis (Odontoscelis) lineola	1
90	Omphaloscelis lunosa: Lunar Underwing	1
91	Orgyia antiqua: Vapourer	2
92	Orthetrum cancellatum : Black-tailed Skimmer	14
93	Pararge aegeria : Speckled Wood	14 6
94	Perconia strigillaria: Grass Wave	1
95	Petrophora chlorosata: Brown Silver-line	1
96	Phasia hemiptera	1
97	Pholidoptera griseoaptera: Dark Bush-cricket	2
98	Phyllonorycter joannisi: White-bodied Midget	1
99	Pieris brassicae : Large White	10 5
100	Pieris napi : Green-veined White	12 1
101	Pieris rapae : Small White	42
102	Platyptilia calodactyla: Golden-rod Plume	1

103	Plebejus argus : Silver-studded Blue	1
104	Polygonia c-album : Comma	10 2
105	Polyommatus icarus : Common Blue	19
106	Psyche casta: Common Sweep	1
107	Pterophorus pentadactyla: White Plume Moth	2
108	Pyronia tithonus : Gatekeeper	62
109	Pyrrhosoma nymphula: Large Red Damselfly	25
110	Rusina ferruginea : Brown Rustic	1
111	Sargus bipunctatus: Twin-spot Centurion	4
112	Sargus flavipes: Yellow-legged Centurion	1
113	Satyrium w-album: White-letter Hairstreak	6
114	Scoparia ambigualis : Common Grey	1
115	Spilosoma lubricipeda: White Ermine	2
116	Spilosoma lutea : Buff Ermine	3
117	Stigmella anomalella : Rose Leaf Miner	1
118	Stigmella tiliae : Lime Pigmy	1
119	Stomorhina lunata: Locust Blowfly	1
120	Stratiomys potamida : Banded General	2
121	<u>Subcoccinella vigintiquattuorpunctata</u> : 24-spot Lady-bird	1
122	Sympetrum sanguineum : Ruddy Darter	7
123	Sympetrum striolatum : Common Darter	30
124	Tachina fera	6
125	Thalpophila matura: Straw Underwing	1
126	<u>Thymelicus lineola</u> : Essex Skipper	8
127	Thymelicus sylvestris: Small Skipper	11

128	Triodia sylvina: Orange Swift	2
129	Tychius quinquepunctatus	1
130	<u>Tyria jacobaeae</u> : Cinnabar	3
131	<u>Vanessa atalanta</u> : Red Admiral	10 9
132	<u>Vanessa cardui</u> : Painted Lady	34
133	Xanthorhoe fluctuata : Garden Carpet	2
134	Xestia xanthographa: Square spot Rustic	2

The BLS Lichen database records 45 lichens in the wood at the bisection / pinchpoint including some rare and threatened species like *Lecanora expallens*.<sup>2</sup>

#### Conclusion

Records based on observation are opportunistic and reflect the availability of knowledgeable folk, often at leisure. The number and variety of rare species recorded in this small area is therefore remarkable.

It reflects the unperturbed landscape, with a variety of plant life, food for pollinators, and a range of habitats, from rotting logs to muddy banks, from grassland to wilderness, from water to dung. It is unlit by anything other than domestic lighting, so still offers dark skies. It also reflects the vital function of the river, which nourishes plants and bugs to feed the entire food chain.

It is an ecological disaster to pick this precise point to dam the river, fell the woodland by it on both sides of the B1122, dig out

<sup>&</sup>lt;sup>2</sup> https://registry.nbnatlas.org/public/show/dr959

significant fraction of the earth in this selected 1000m circle of recorded wildlife, and eliminate the night skies. The river will also carry the inevitable pollution from engines, digging, disturbance of the water table, noxious building processes and materials downstream, along the river banks and into North Warren, Thorpeness Mere, the coastal marshland, and beyond.

