

# Essex Recorders partnership Datasearch Report

## Essex Field Club

Registered Charity Number 1113963

*In partnership with*

Basildon Council

Buglife

Butterfly Conservation

Essex Amphibian & Reptile Group

Essex Bat Group

Essex Birdwatching Society

GeoEssex



Bio and Geodiversity data regarding  
**tiptree**  
**Radius 2km from TL8868117027**

On behalf of

**Mr patrick Mckenna**  
**Eco-Planning Uk Ltd**

EFC3433, 24 Jan 2019

**When information in this report is used in a desk study or Environmental Statement to support a planning application, then the report must be put into the public domain and provided in full and not changed or redacted.**

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Basildon Council  
BASILDON - BILLERICAY - WICKFORD



# Essex Recorders partnership

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# Essex Recorders partnership Datasearch Report

Project: tiptree

Search Area: Radius 2km from TL8868117027

Our Reference: EFC3433

Customer Reference: N/A

Dated: 24 Jan 2019

On behalf of:

Mr patrick Mckenna

Eco-Planning Uk Ltd

This report was compiled using records held by the County Recorders of the Essex Field Club, Basildon Council, Buglife, Butterfly Conservation, Essex Amphibian & Reptile Group, Essex Bat Group, Essex Birdwatching Society, GeoEssex and available at the time of creation.

Enclosed within this report is the following information specific to the enquiry site area:

All of a Buzz in Thames Gateway Sites	<input checked="" type="checkbox"/>
B-lines	<input checked="" type="checkbox"/>
Nature Improvement Areas	<input checked="" type="checkbox"/>
Special Areas of Conservation	<input checked="" type="checkbox"/>
Special Protection Areas	<input checked="" type="checkbox"/>
Ramsar Sites	<input checked="" type="checkbox"/>
Marine Conservation Zones	<input checked="" type="checkbox"/>
Sites of Special Scientific Interest details	<input checked="" type="checkbox"/>
Local Nature Reserves	<input checked="" type="checkbox"/>
Country Parks	<input checked="" type="checkbox"/>
Common Land	<input checked="" type="checkbox"/>
Ancient Woodland Inventory	<input checked="" type="checkbox"/>
Wood-Pasture and Parkland Inventory	<input checked="" type="checkbox"/>
Traditional Orchard Inventory	<input checked="" type="checkbox"/>
Priority Habitat Inventory	<input checked="" type="checkbox"/>
Invertebrate Assemblage Information	<input checked="" type="checkbox"/>
Protected Species	<input checked="" type="checkbox"/>
Priority Section 41 Species	<input checked="" type="checkbox"/>
National Red List and Scarce Species	<input checked="" type="checkbox"/>
Essex Red Data List Species	<input checked="" type="checkbox"/>
All Species Records	<input type="checkbox"/>
Invasive Species	<input checked="" type="checkbox"/>
Geological Sites	<input checked="" type="checkbox"/>

## **1. Introduction**

Biological species recording is largely undertaken by committed naturalists on a voluntary basis and on land with public access. Recording is much more rarely undertaken for planning and development purposes, or such data subsequently provided to centralised biological recording specialists, the County Recorders. Desk studies can therefore only ever provide guidance on what is already known about the species recorded in an area, and absence of species records for a search area does not mean they may not occur. For any site with potential nature conservation significance a full ecological site appraisal should be undertaken and species surveys carried out to complement the information contained in this report.

### **Copyrights**

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All site boundaries have been mapped using Ordnance Survey OS OpenData subject to the OS OpenData Licence. Persons viewing this material should contact Ordnance Survey for advice if they wish to licence Ordnance Survey data for their own use.

### **Data accuracy**

The Essex Recorders partnership does not guarantee the accuracy of any information supplied and shall have no liability for any loss, damage or expense incurred as the result of reliance on any information supplied.

The Essex Recorders partnership can only provide information based on the data held by us. In particular, the absence of records for a species does not necessarily indicate that the species itself is absent, merely that it not been recorded, that we have not received records for it or the data are unavailable in suitable format at this time.

### **Access and use of data**

The data provided in this report must not be added to a permanent database without the prior permission of the Essex Recorders partnership or copyright holder. Resale or transfer to third parties is strictly prohibited.

When information in this report is used in a desk study or Environmental Statement to support a planning application, then the report must be put into the public domain and provided in full and not changed or redacted. Data must not be used without inclusion of the data use restrictions.

When publishing information derived from these data, the Essex Field Club, Essex Recorders partnership and any other copyright holders and the date of receipt must be acknowledged.

The data held by the Essex Recorders partnership is updated regularly and will become out-of-date. If you intend to use this data after a period of six months please contact us to confirm that we have no new records.

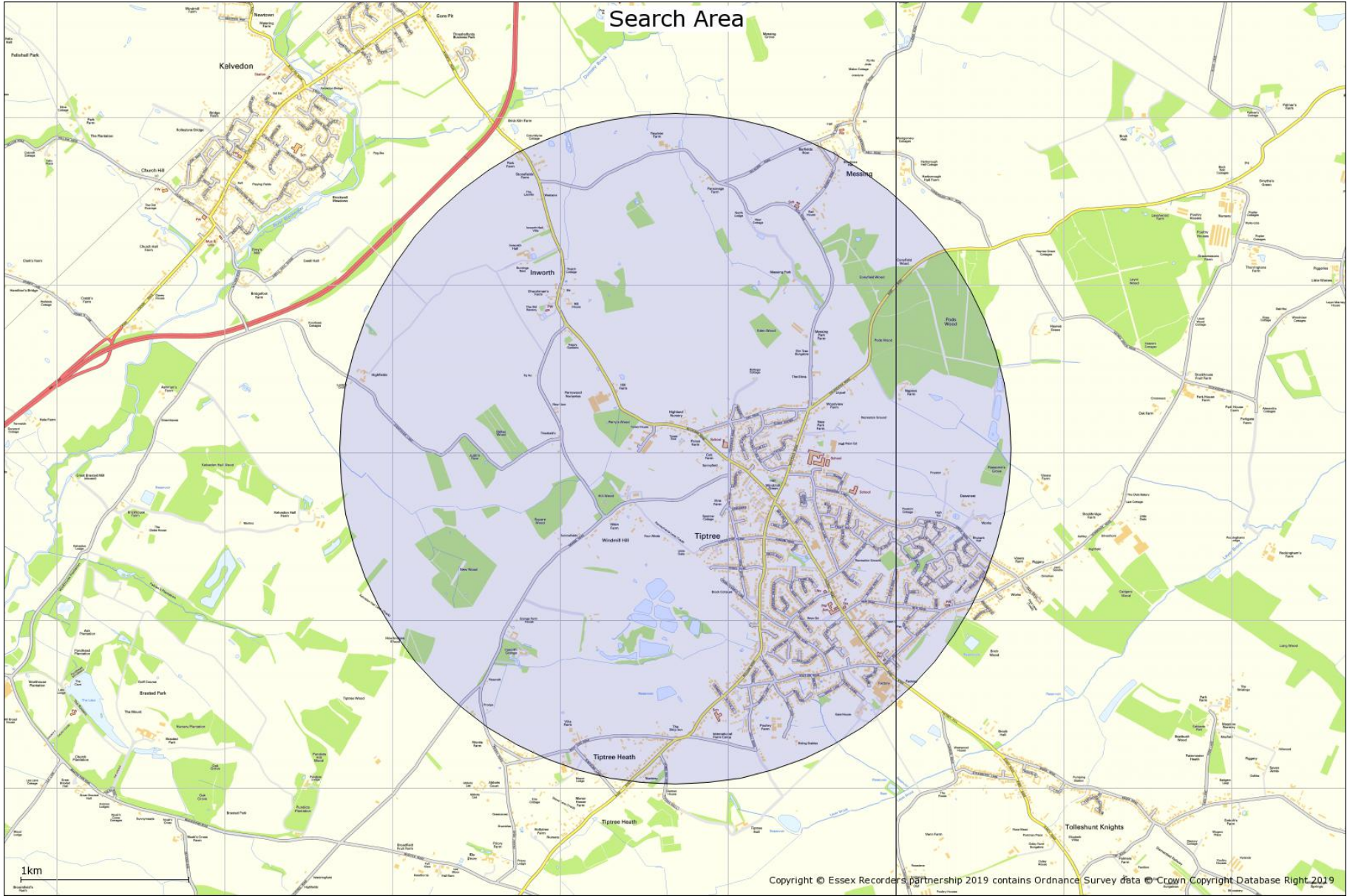
### **Designations**

Except for Essex designations included in the Essex Biodiversity Action Plan or Essex Red Data List, or where otherwise indicated, designations used in this report are derived from the Joint Nature Conservation Committee (JNCC) Master list regardless of the status of the species in the county.

## 2. Data available through the Essex Recorders partnership

This report provides access to the following species datasets:

<b>Data Provider</b>	<b>Species Group</b>	<b>County Coverage</b>
EFC/Essex Amphibian & Reptile Group	amphibians and reptiles	County data
Essex Field Club	honey bee and bumblebees	Available county data
Essex Field Club	bees and wasps	County data
Essex Field Club	ants	County data
Essex Field Club	beetles	Available county data
Essex Field Club	centipedes and millipedes	County data
Essex Field Club	hoverflies	Available county data
Essex Field Club	soldier flies and allies	County data
Essex Field Club	flies (other)	County data
Essex Field Club	grasshoppers, crickets and allies	County data
Essex Field Club/Butterfly Conservation	butterflies	County data
Essex Field Club/Essex Moth Group	larger moths	County data
Essex Field Club/Essex Moth Group	micro-moths	County data
Essex Field Club	leafhoppers and allies	Available county data
Essex Field Club	true bugs	Available county data
Essex Field Club	spiders	County data
Essex Field Club	harvestmen	County data
Essex Field Club	pseudoscorpions	County data
Essex Field Club	flowering plant	Available county data
Essex Field Club	woodlice	County data
Essex Field Club	dragonflies & damselflies	County data 2000-2006 + other data sample
Essex Field Club	non-vascular plants	Available county data
Essex Field Club	other Hymenoptera	County data
Essex Field Club	molluscs	County data
Essex Field Club	lichens	Sample of data
Essex Field Club	fungi	Available county data
Essex Field Club	other mammals	County data
Essex Field Club	bats	County data
Essex Field Club	Invasive species	Available data
Essex Field Club	birds	Small number of records
Essex Field Club	slime moulds	Small number of records
EFC Schemes	EFC Schemes records	EFC Schemes records
Essex Bat Group	bats	Dataset
Essex Birdwatching Society	birds, with incorporated Birdtrack data	County data for 2013



## **Sections on site designations**

The following sections provide data on site designations in relation to the datasearch request search area. For statutory designated conservation sites, these are provided on maps expanded to cover a 5km radius.

We cannot currently provide information on Local Wildlife Sites. For these contact the local authority or see Essex Wildlife Trust and [www.essexwt.org.uk/protecting-wildlife/local-wildlife-sites](http://www.essexwt.org.uk/protecting-wildlife/local-wildlife-sites)

### **3. All of a Buzz in the Thames Gateway**

**No All of a Buzz in the Thames Gateway sites are identified in relation to the search area**



## 4. Nature Improvement Areas (NIAs)

See [www.naturalengland.org.uk/ourwork/conservation/biodiversity/funding/nia/default.aspx](http://www.naturalengland.org.uk/ourwork/conservation/biodiversity/funding/nia/default.aspx)

Nature Improvement Areas (NIAs) were introduced by the Government's Natural Environment White Paper to 'enhance and reconnect nature on a significant scale' in England.

Nature Improvement Areas encompass areas of land that include natural features and wildlife habitats but also include roads, housing developments and other man-made elements. They are areas that have been identified for their opportunities to restore nature at a landscape-scale alongside other land-uses.

These areas will become much better places for wildlife – creating more and better-connected habitats at a landscape scale, providing space for wildlife to thrive and adapt to climate change.

They will help people as well as wildlife – through enhancing a wide range of benefits that nature provides, such as recreation opportunities, flood protection, cleaner water and carbon storage.

NIAs should enhance existing ecological networks by:

- Increasing the number of wildlife sites
- Increasing the size of existing wildlife sites
- Improving connectivity between sites
- Creating wildlife corridors
- Improving the management of existing wildlife sites

The twelve initial NIAs extend from Morecambe Bay in the North West to the Wild Purbeck in the South West. One affecting Essex is the Greater Thames Marshes NIA in the south of the county.

**No Nature Improvements Areas are identified near the search area**

## 5. B-Lines network

Map shows routes within the B-Lines network, identified by Buglife and a wide range of conservation and landowner partners. B-Lines aims to coordinate the delivery of wildflower-rich habitats to aid pollinator movement across the landscape. For more information visit [www.buglife.org.uk/b-lines](http://www.buglife.org.uk/b-lines)

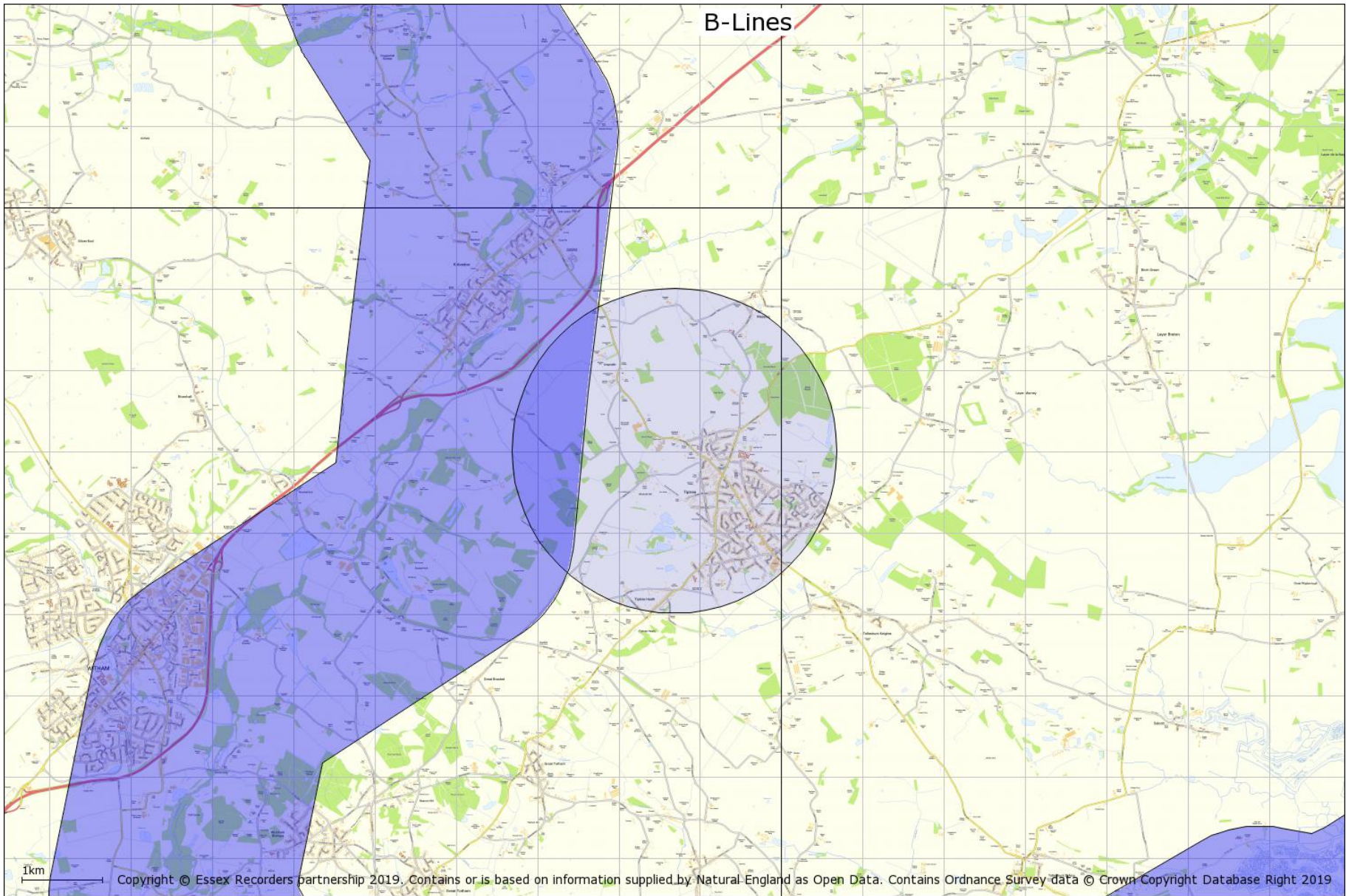
B-Lines is a landscape scale initiative to enhance declining pollinator populations by connecting up the best remaining wildflower-rich habitats through the creation or restoration of wildflower habitats. B-Lines was identified as a method to reverse pollinator declines in the National Pollinator Strategy's Implementation Plan, by aiding their movement across the fragmented landscape.

B-Lines are 3km corridors within which wildflower habitat restoration and creation can be focused and co-ordinated to maximise gains for pollinators. Habitat can be delivered by organisations, landowners, businesses, communities or individuals. Contribution to the B-Lines can be achieved through a variety of wildflower enhancement methods, such as habitat restoration (e.g. scrub clearance/re-introducing management/green haying), wildflower meadow creation in species poor grasslands, wildlife gardens, landowners entering agri-environment schemes, orchard planting, disturbance management and brownfield habitat creation, bee friendly formal planting, living roofs, etc.

Where relevant, planning applications in or around B-Lines should consider what they can contribute to the growing resources of pollinators in B-Lines. This will help to ensure that mitigation proposals align with ongoing work in the surrounding area for pollinators. It is important to note, however, that any planning applications should seek to protect and enhance the wildlife interests of all taxonomic groups and habitats, not pollinators and their requirements in isolation.

Buglife's online B-Lines hub includes an interactive map where habitat work can be uploaded to collate information on wildflower enhancements across the UK, as well as specific pollinator advice.

**B-Lines identified in relation to the search area are shown on the map.**



## 6. Special Areas of Conservation

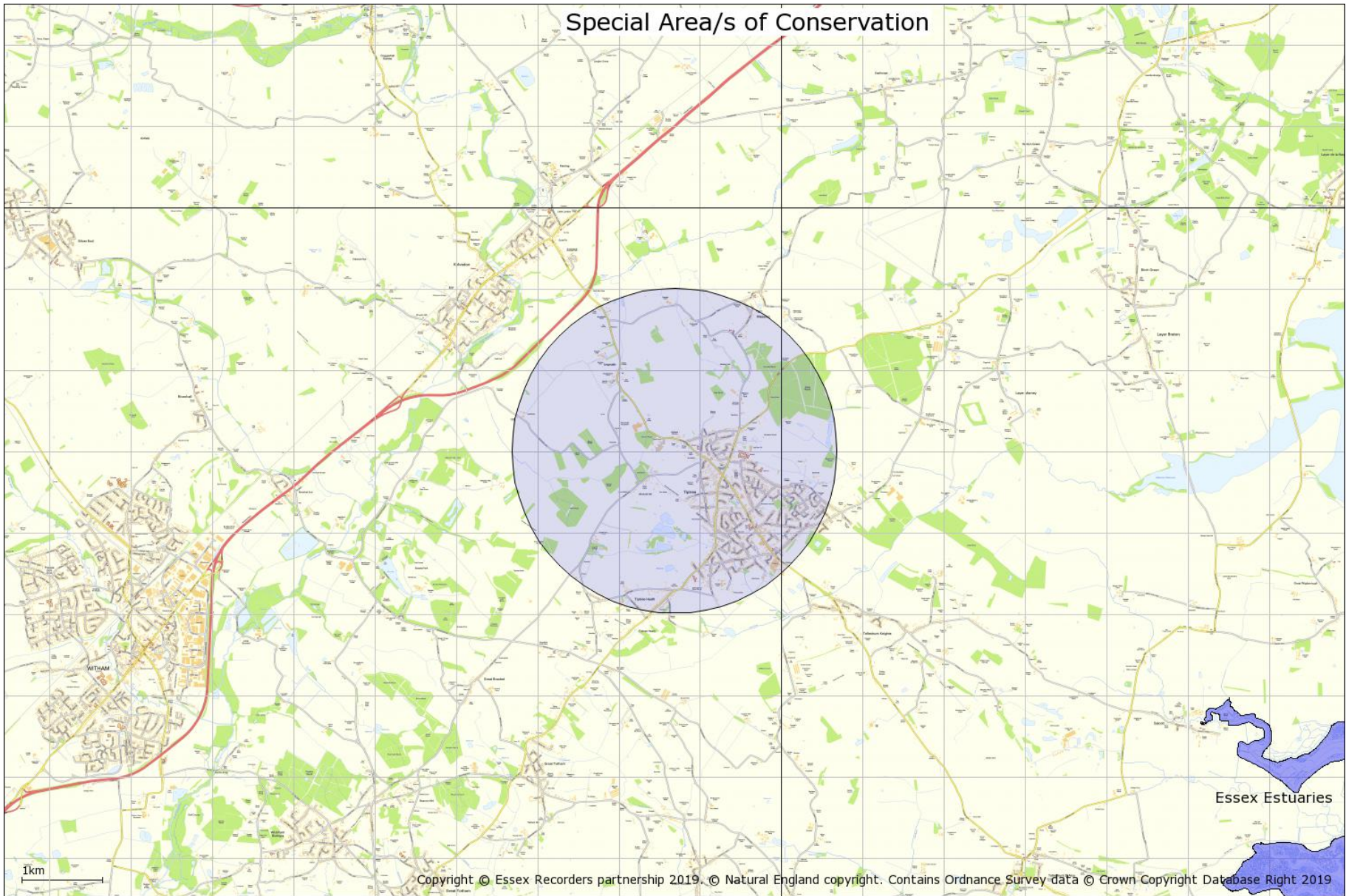
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A Special Area of Conservation (SAC) is an area which has been given special protection under the European Union's Habitats Directive. SACs provide increased protection to a variety of wild animals, plants and habitats and are a vital part of global efforts to conserve the world's biodiversity.

See [www.naturalengland.org.uk/ourwork/conservation/designations/sac/](http://www.naturalengland.org.uk/ourwork/conservation/designations/sac/)

**There is 1 Special Area/s of Conservation identified in relation to the search area.**

Essex Estuaries



## 7. Special Protection Areas

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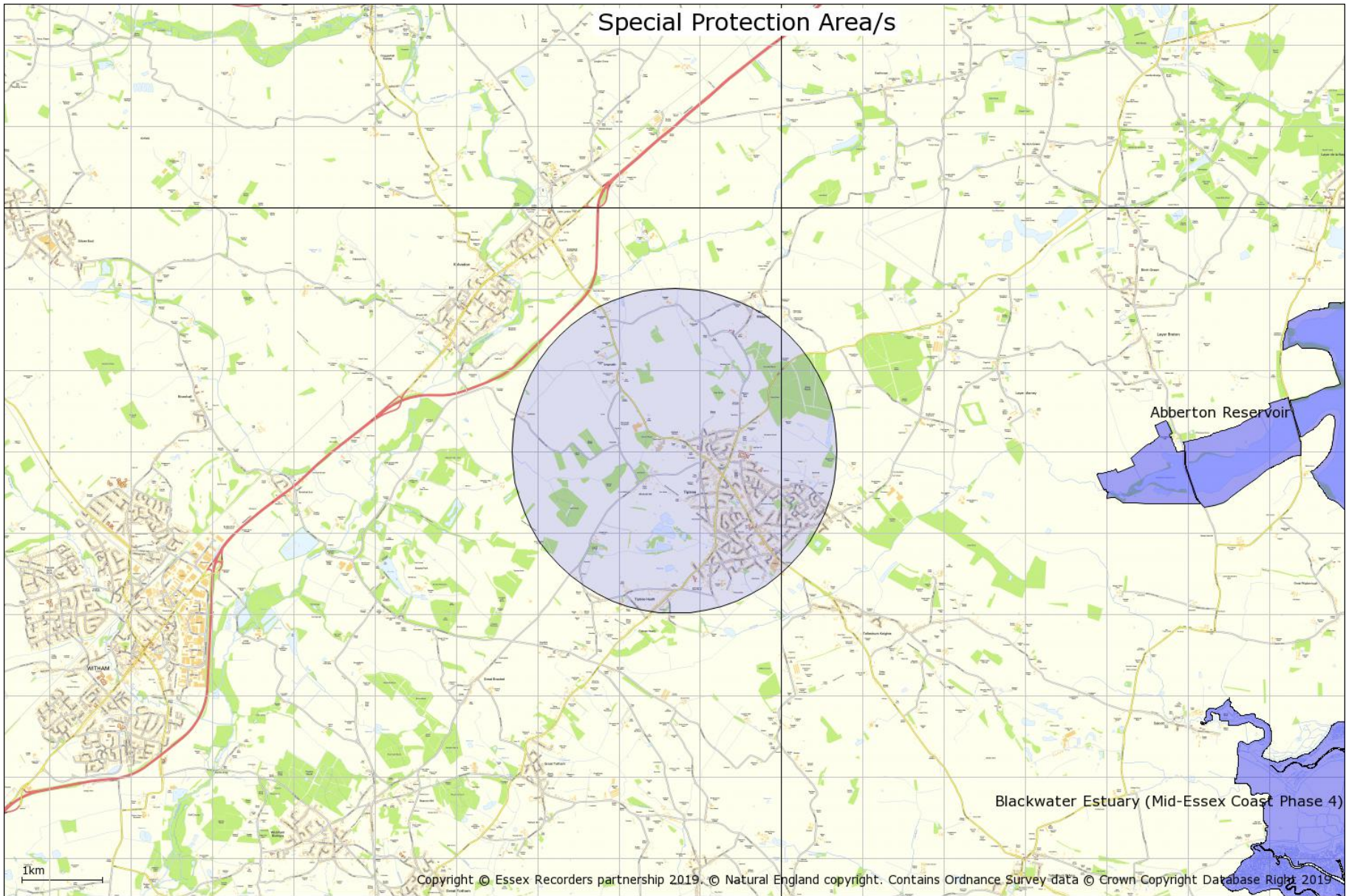
A Special Protection Area (SPA) is an area of land, water or sea which has been identified as being of international importance for the breeding, feeding, wintering or the migration of rare and vulnerable species of birds found within the European Union. SPAs are European designated sites, classified under the European Wild Birds Directive which affords them enhanced protection.

See [www.naturalengland.org.uk/ourwork/conservation/designations/spa/](http://www.naturalengland.org.uk/ourwork/conservation/designations/spa/)

**There are 2 Special Protection Area/s identified in relation to the search area.**

Abberton Reservoir

Blackwater Estuary (Mid-Essex Coast Phase 4)



## 8. Ramsar sites

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Ramsar sites are wetlands of international importance, designated under the Ramsar Convention.

Wetlands are defined as areas of marsh, fen, peatland or water, whether natural or artificial, permanent or temporary, with water that is static or flowing, fresh, brackish or salt, including areas of marine water the depth of which at low tide does not exceed six metres.

Ramsar sites may also incorporate riparian (banks of a stream, river, pond or watercourse) and coastal zones adjacent to the wetlands, and islands or bodies of marine water deeper than six metres at low tide lying within the wetlands.

### **What is the Ramsar Convention?**

The Ramsar Convention is an international agreement signed in Ramsar, Iran, in 1971, which provides for the conservation and good use of wetlands. The UK Government ratified the Convention and designated the first Ramsar sites in 1976.

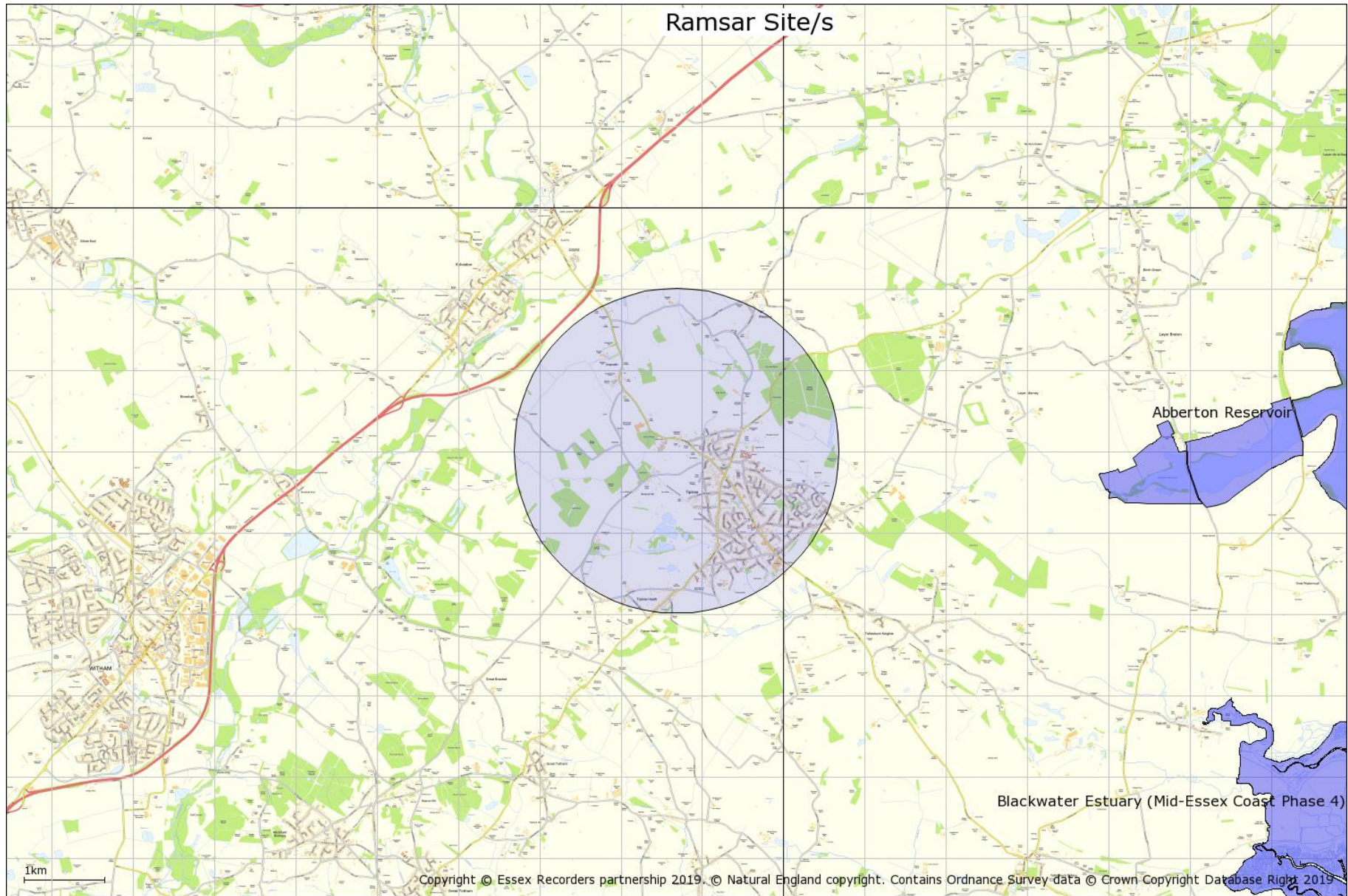
See [www.naturalengland.org.uk/ourwork/conservation/designations/ramsars/](http://www.naturalengland.org.uk/ourwork/conservation/designations/ramsars/)

**There are 2 Ramsar Site/s identified in relation to the search area.**

Abberton Reservoir

Blackwater Estuary (Mid-Essex Coast Phase 4)





## 9. Marine Conservation Zone/s

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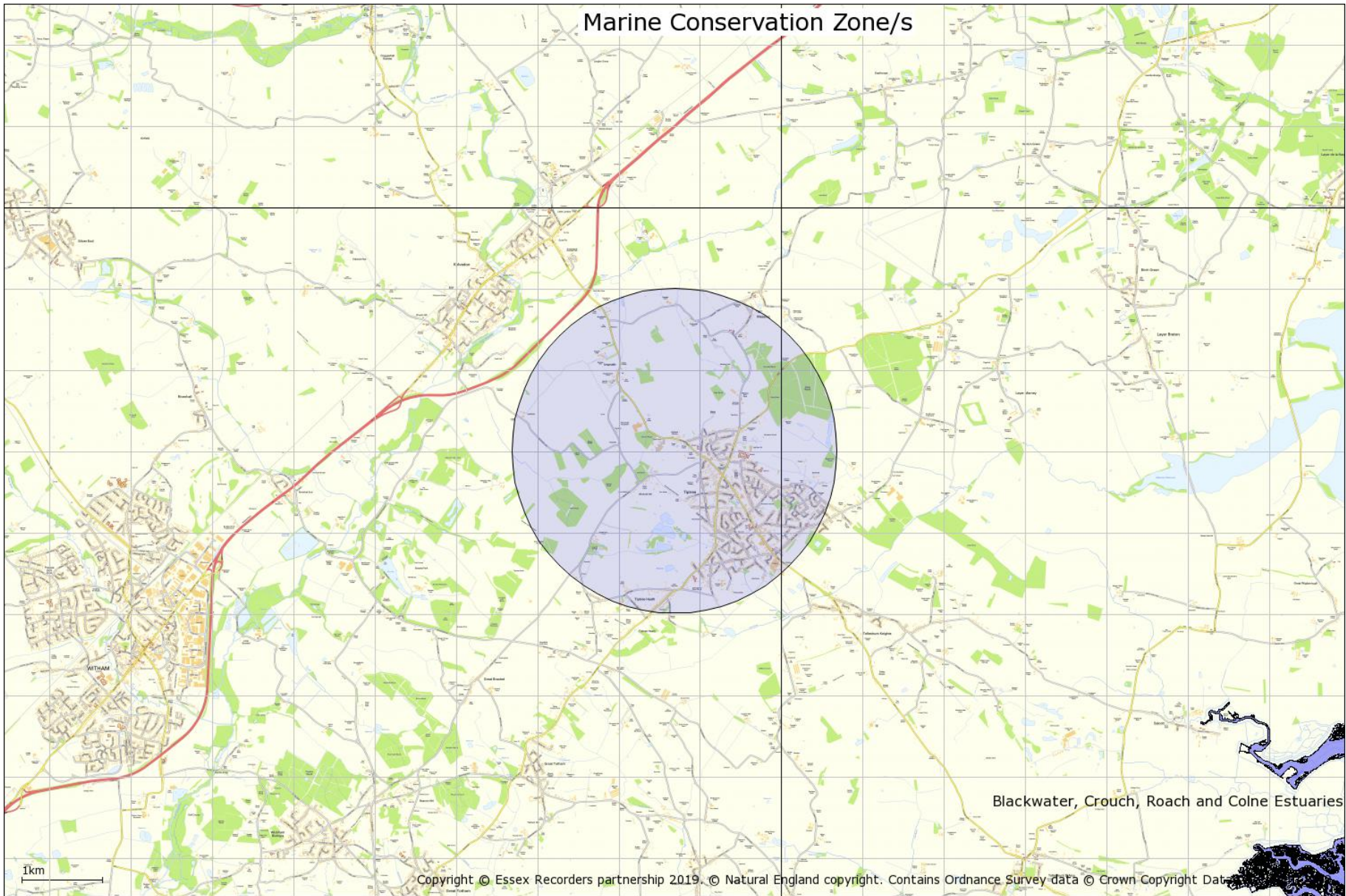
Marine Conservation Zones (MCZs) are a type of Marine Protected Area. They protect areas that are important to conserving the diversity of nationally rare or threatened habitats and/or species and those places containing habitats and/or species that are representative of the biodiversity in our seas.

The Marine and Coastal Access Act 2009 (Part 5) enables Defra Ministers to designate and protect Marine Conservation Zones (MCZs). These are a type of marine protected area, which will exist alongside European marine sites [Special Areas of Conservation (SACs) and Special Protected Areas (SPAs)], SSSIs and Ramsar sites to form an ecologically coherent network of marine protected areas.

See <http://www.naturalengland.gov.uk/ourwork/marine/mpa/mcz/default.aspx>

**There is 1 Marine Conservation Zone/s identified in relation to the search area.**

Blackwater, Crouch, Roach and Colne Estuaries



## 10. National Nature Reserves

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England's National Nature Reserves (NNRs) represent many of the finest wildlife and geological sites in the country. Our first NNRs emerged in the postwar years alongside the early National Parks, and have continued to grow since then.

Natural England is the body empowered to declare NNRs in England, the Reserves being a selection of the very best parts of England's Sites of Special Scientific Interest. It is this underlying designation which gives NNRs their strong legal protection. The majority also have European nature conservation designations.

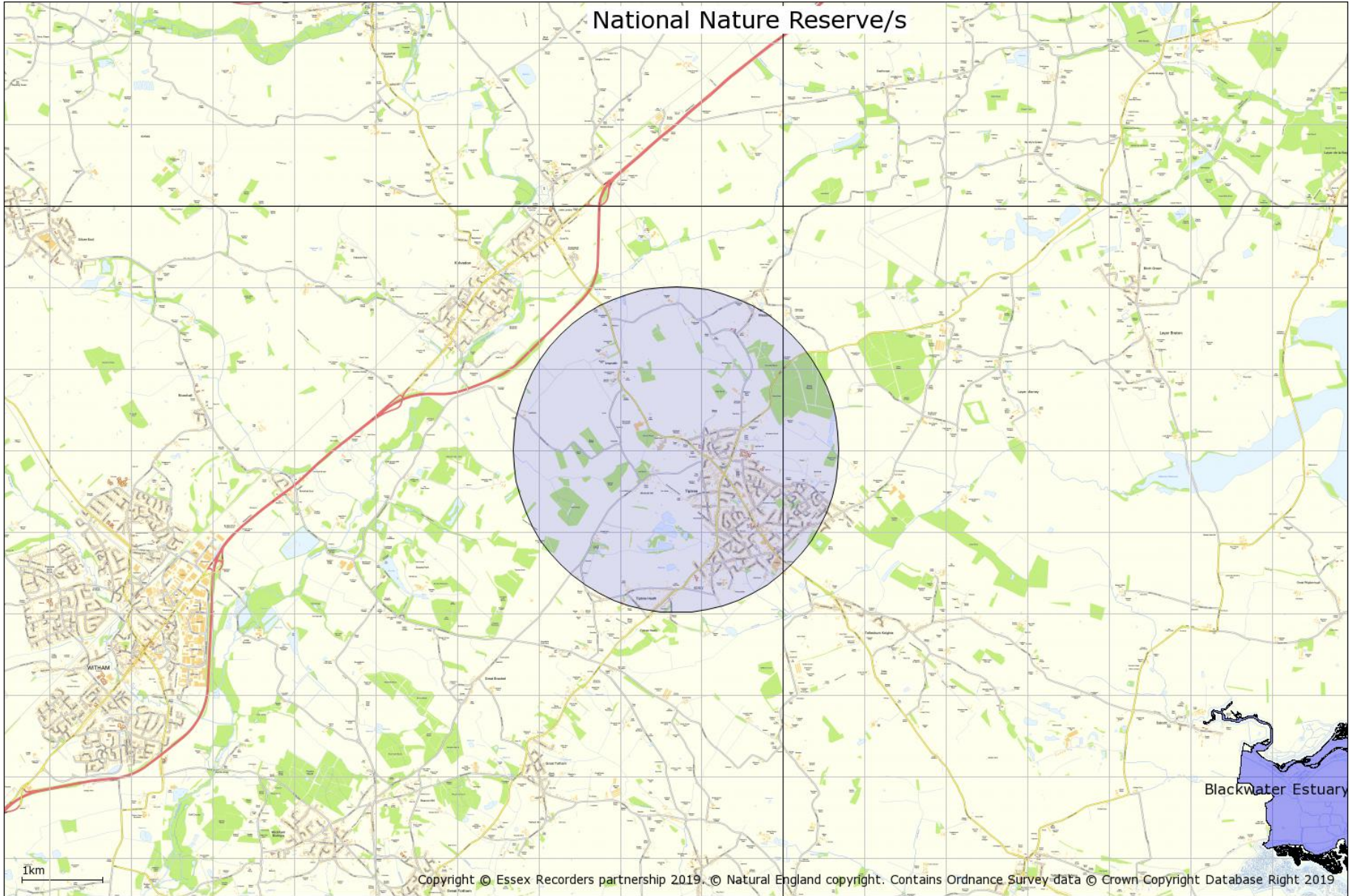
Nearly every type of vegetation is found in England's NNRs, from coastal salt-marshes, dunes and cliffs to downlands, meadows and the subtle variations of our native woodlands. Scarce and threatened habitats such as chalk downs, lowland heaths and bogs and estuaries are conserved in NNRs.

Many NNRs contain nationally important populations of rare flowers, ferns and mosses, butterflies and other insects, and of course nesting and wintering birds. Examples include unique alpine plants at Upper Teesdale and the beautiful field of fritillary lilies at North Meadow, Cricklade, Wiltshire.

See [www.naturalengland.org.uk/ourwork/conservation/designations/nnr/default.aspx](http://www.naturalengland.org.uk/ourwork/conservation/designations/nnr/default.aspx)

**There is 1 National Nature Reserve/s identified in relation to the search area.**

Blackwater Estuary



## 11. Sites of Special Scientific Interest

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There are over 4,100 Sites of Special Scientific Interest (SSSIs) in England, covering around 7% of the country's land area. Over half of these sites, by area, are internationally important for their wildlife, and designated as Special Areas of Conservation (SACs), Special Protection Areas (SPAs) or Ramsar sites. Many SSSIs are also National Nature Reserves (NNRs) or Local Nature Reserves (LNRs).

SSSIs are the country's very best wildlife and geological sites. They include some of our most spectacular and beautiful habitats - large wetlands teeming with waders and waterfowl, winding chalk rivers, gorse and heather-clad heathlands, flower-rich meadows, windswept shingle beaches and remote uplands moorland and peat bog.

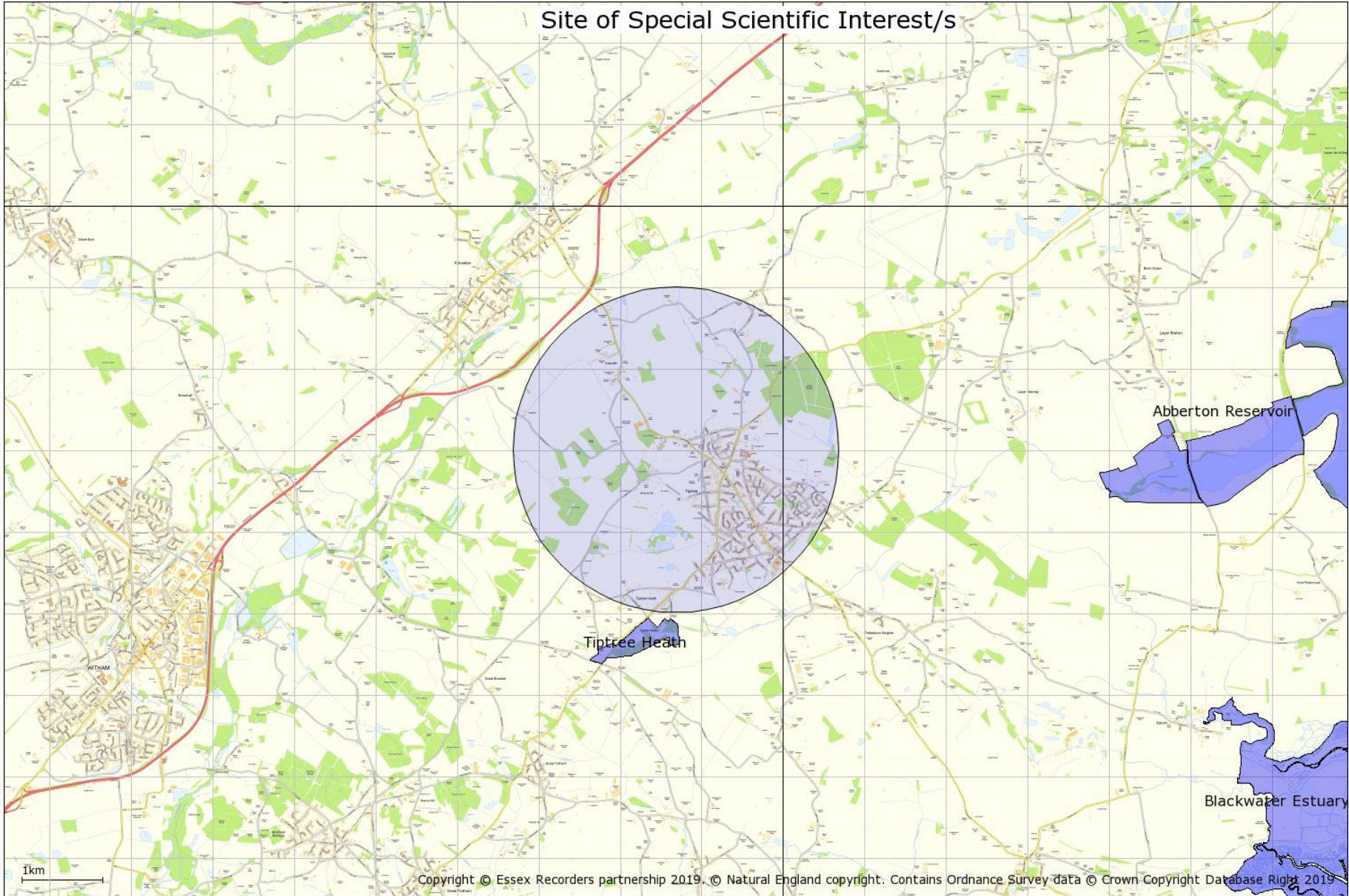
It is essential to preserve our remaining natural heritage for future generations. Wildlife and geological features are under pressure from development, pollution, climate change and unsustainable land management. SSSIs are important as they support plants and animals that find it more difficult to survive in the wider countryside. Protecting and managing SSSIs is a shared responsibility, and an investment for the benefit of future generations.

See [www.sssi.naturalengland.org.uk/Special/sssi/index.cfm](http://www.sssi.naturalengland.org.uk/Special/sssi/index.cfm)

Impact Risk Zones (IRZs) are a GIS tool developed by Natural England to make a rapid initial assessment of the potential risks posed by development proposals to: Sites of Special Scientific Interest (SSSIs), Special Areas of Conservation (SACs), Special Protection Areas (SPAs) and Ramsar sites. They define zones around each site which reflect the particular sensitivities of the features for which it is notified and indicate the types of development proposal which could potentially have adverse impacts. For information on SSSI Impact Risk Zones (IRZs) is available from Natural England

**There are 3 Site of Special Scientific Interest/s identified in relation to the search area.**

Abberton Reservoir  
Blackwater Estuary  
Tiptree Heath



## 12. Local Nature Reserves

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Local Nature Reserve (or LNR) is a statutory designation made under Section 21 of the National Parks and Access to the Countryside Act 1949, and amended by Schedule 11 of the Natural Environment and Rural Communities Act 2006, by principal local authorities.

Local Nature Reserves (LNRs) are for both people and wildlife. They are places with wildlife or geological features that are of special interest locally. They offer people special opportunities to study or learn about nature or simply to enjoy it.

By declaring Local Nature Reserves (LNRs), local authorities can provide many benefits for both people and wildlife.

To:

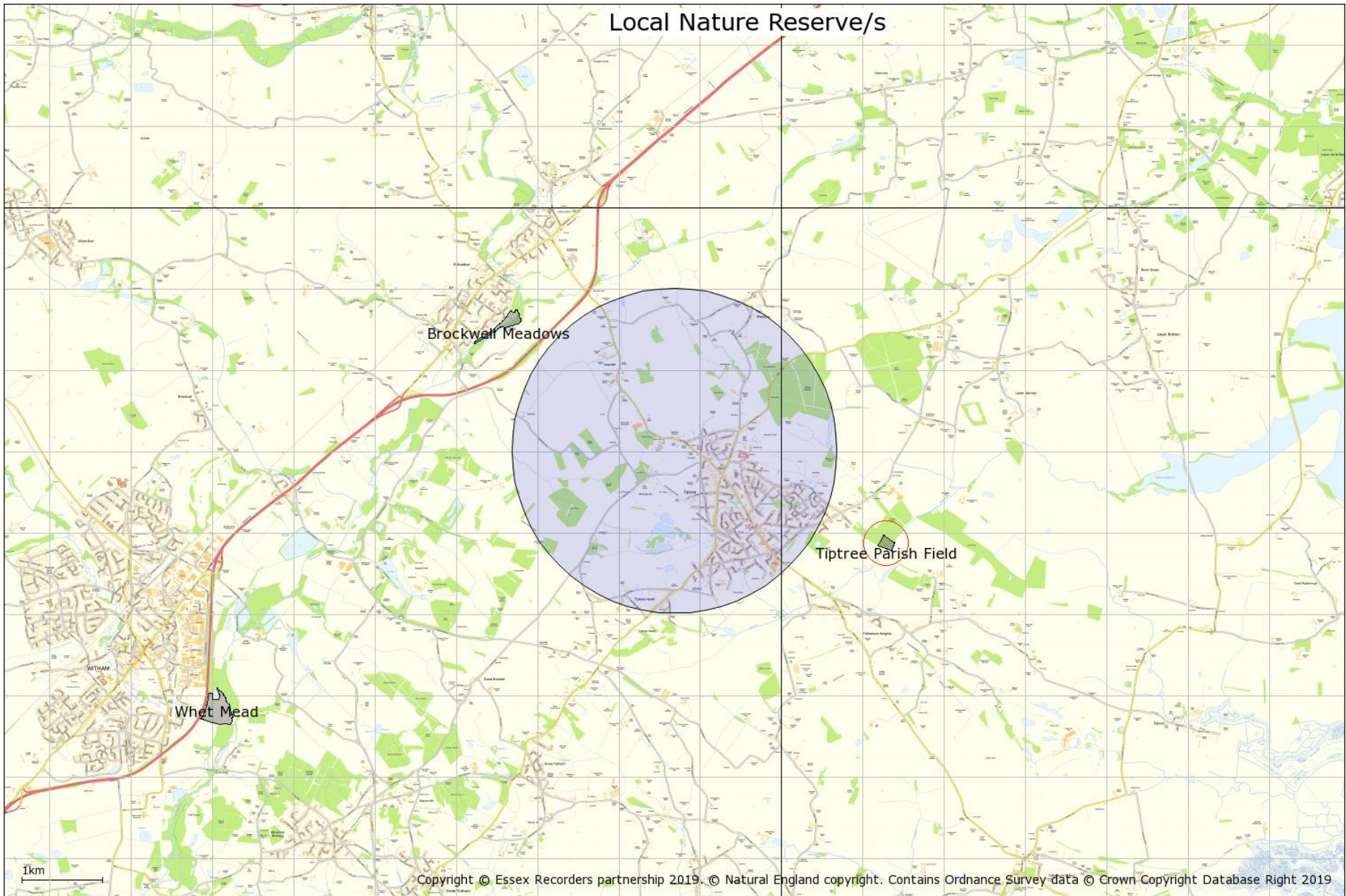
- increase people's awareness and enjoyment of their natural environment
- provide an ideal environment for everyone to learn about and study nature
- help to build relationships with national and local nature conservation organisations and local people protect wildlife habitats and natural features provide a great opportunity for people to become involved in managing their local environment offer a positive use for land which they would prefer was left undeveloped make it possible to apply bye-laws which can help in managing and protecting the site.

See [www.naturalengland.org.uk/ourwork/conservation/designations/lnr/](http://www.naturalengland.org.uk/ourwork/conservation/designations/lnr/)

**There are 3 Local Nature Reserve/s identified in relation to the search area.**

Brockwell Meadows  
Tiptree Parish Field  
Whet Mead





### **13. Country Park/s**

Natural England recognises country parks as significant places that contribute to England's accessible natural greenspace.

Many are located near or within towns and cities and therefore close to where people live. All provide a wide range of opportunities for recreation, health and education and improve the quality of life for their local communities.

Country Parks were established as a result of the 1968 Countryside Act and there are currently more than 400 sites that call themselves Country Parks in England. They are visited by over 70 million visitors a year.

They are public green spaces often at the edge of urban areas which provide places to enjoy the outdoors and experience nature in an informal semi-rural park setting. Country Parks normally have some facilities such as a car park, toilets, perhaps a cafe or kiosk, paths and trails, and visitor information. There is not necessarily public right of access, although most are publicly accessible; some charge entry others do not.

See [www.naturalengland.gov.uk/ourwork/enjoying/places/countryparks/default.aspx](http://www.naturalengland.gov.uk/ourwork/enjoying/places/countryparks/default.aspx)

**No Country Park/s are identified in relation to the search area**

## 14. Open Country and Common Land

### **Conclusive Map Data of Open Country:**

Created under the Countryside and Rights of Way (CROW) Act 2000, the Open Country (OC) data was digitised from OS MasterMap by the contractors Black and Veatch Consulting Limited on behalf of the Countryside Agency. It consists of all land that appears to the Countryside Agency to consist wholly or predominantly of mountain, moor, heath and down and is not registered common land. It includes any modifications determined by the Planning Inspectorate as a result of appeals. It includes areas of land that are excepted from the rights of access as specified in Part 1 of Schedule 1 of the CROW Act. It may be amended for certain errors under current error regulations. The map must be reviewed not more than 10 years after its issue in conclusive form.

### **Conclusive Map Data of Registered Common Land:**

Created under the CROW Act 2000, the Registered Common Land (RCL) data was digitised from DNF Landline by the contractors Geodata on behalf of the Countryside Agency. It is a digitised copy of land registered as common land under the Commons Registration Act 1965. It includes any modifications determined by the Planning Inspectorate as a result of appeals. It includes areas of land that are excepted from the rights of access as specified in Part 1 of Schedule 1 of the CROW Act. It may be amended for certain errors under current error regulations. The map must be reviewed not more than 10 years after its issue in conclusive form.

#### Important Notes:

There is no right of access to land shown as OC or RCL until the relevant Commencement Order for the area becomes effective.

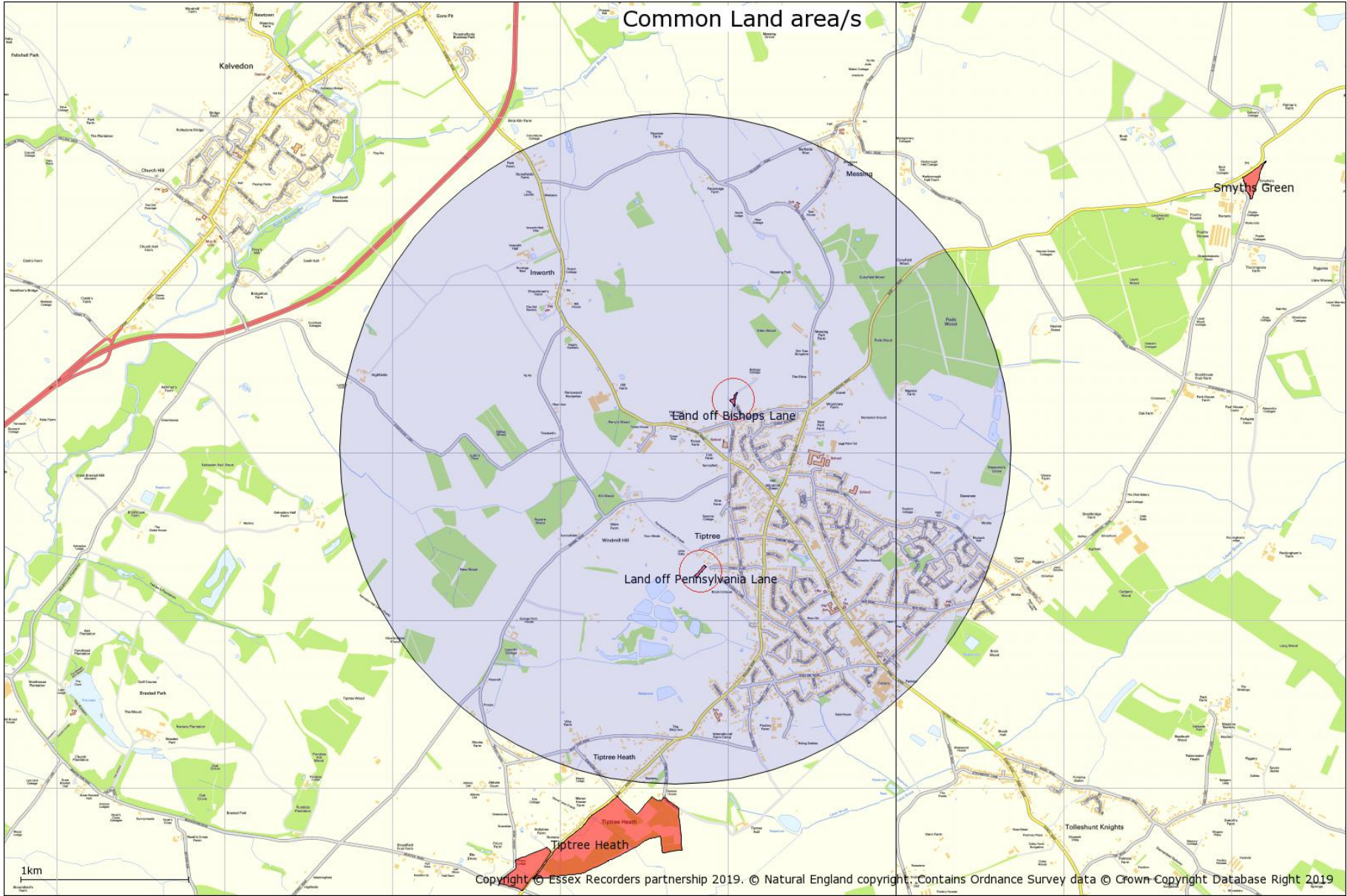
There is no right of access to land shown as OC or RCL where such land meets any of the descriptions of excepted land as specified in Part 1 of Schedule 1 of the CROW Act. This includes areas of land such as racecourses, aerodromes and military byelaw land.

There may be restrictions on the right of access in some areas of land. Under the CROW Act, landowners or tenants of access land have a 28-day allowance of restrictions each calendar year and can also apply for longer term restrictions. Digital data of restrictions to the rights of access will not be made available to third parties. All restrictions can be viewed on the website <http://www.countrysideaccess.gov.uk>. More information about restrictions can be found here: <http://www.openaccess.gov.uk>

**No Open Country area/s are identified in relation to the search area**

**There are 4 Common Land area/s identified in relation to the search area. (Red polygon/s)**

Land off Bishops Lane  
Land off Pennsylvania Lane  
Smyths Green  
Tiptree Heath



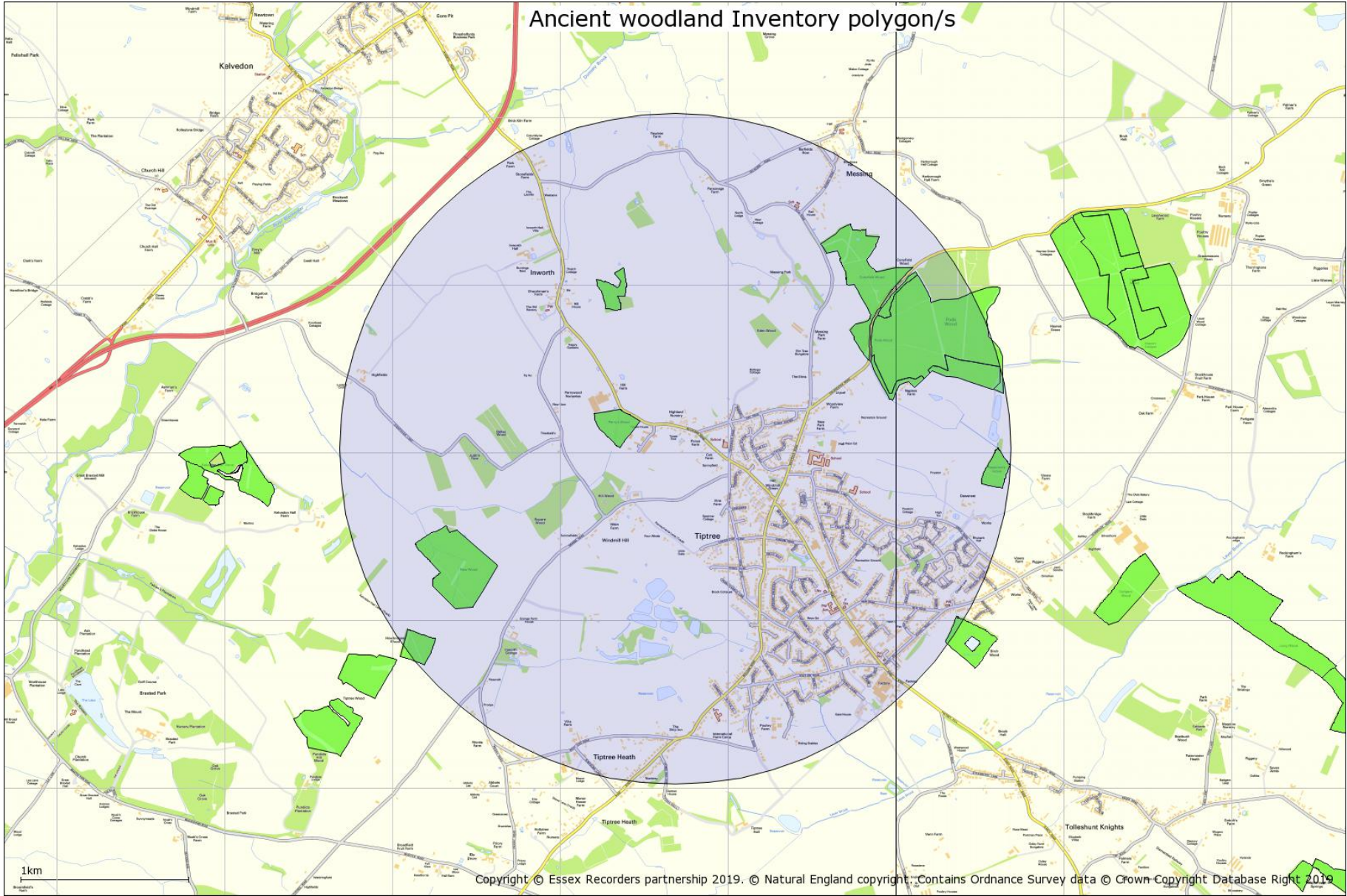
## 15. Ancient woodland Inventory

Ancient Woodlands (England). © Natural England copyright. Contains Ordnance Survey data © Crown copyright and database right [2019]

Ancient woodland is land that has had a continuous woodland cover since at least 1600 AD and may be ancient semi-natural woodland (ASNW), which retains a native tree and shrub cover that has not been planted, although it may have been managed by coppicing or felling and allowed to regenerate naturally, or plantation on ancient woodland sites (PAWS) where the original tree cover has been felled and replaced by planting, often with conifers, and usually over the last century.

See [www.naturalengland.org.uk/about\\_us/whatwedo/partnership/casestudies/ancientwoodland.aspx](http://www.naturalengland.org.uk/about_us/whatwedo/partnership/casestudies/ancientwoodland.aspx)

**Ancient woodland Inventory polygon/s identified in relation to the search area are shown on the map.**



## **16. Wood-Pasture and Parkland BAP Priority Habitat Inventory**

Natural England Wood-Pasture and Parkland BAP Priority Habitat Inventory for England (England) v2.0© Natural England [2019], reproduced with the permission of Natural England, <http://www.naturalengland.org.uk/copyright/>. © Crown Copyright and database rights [2019] Ordnance Survey licence number 100022021.

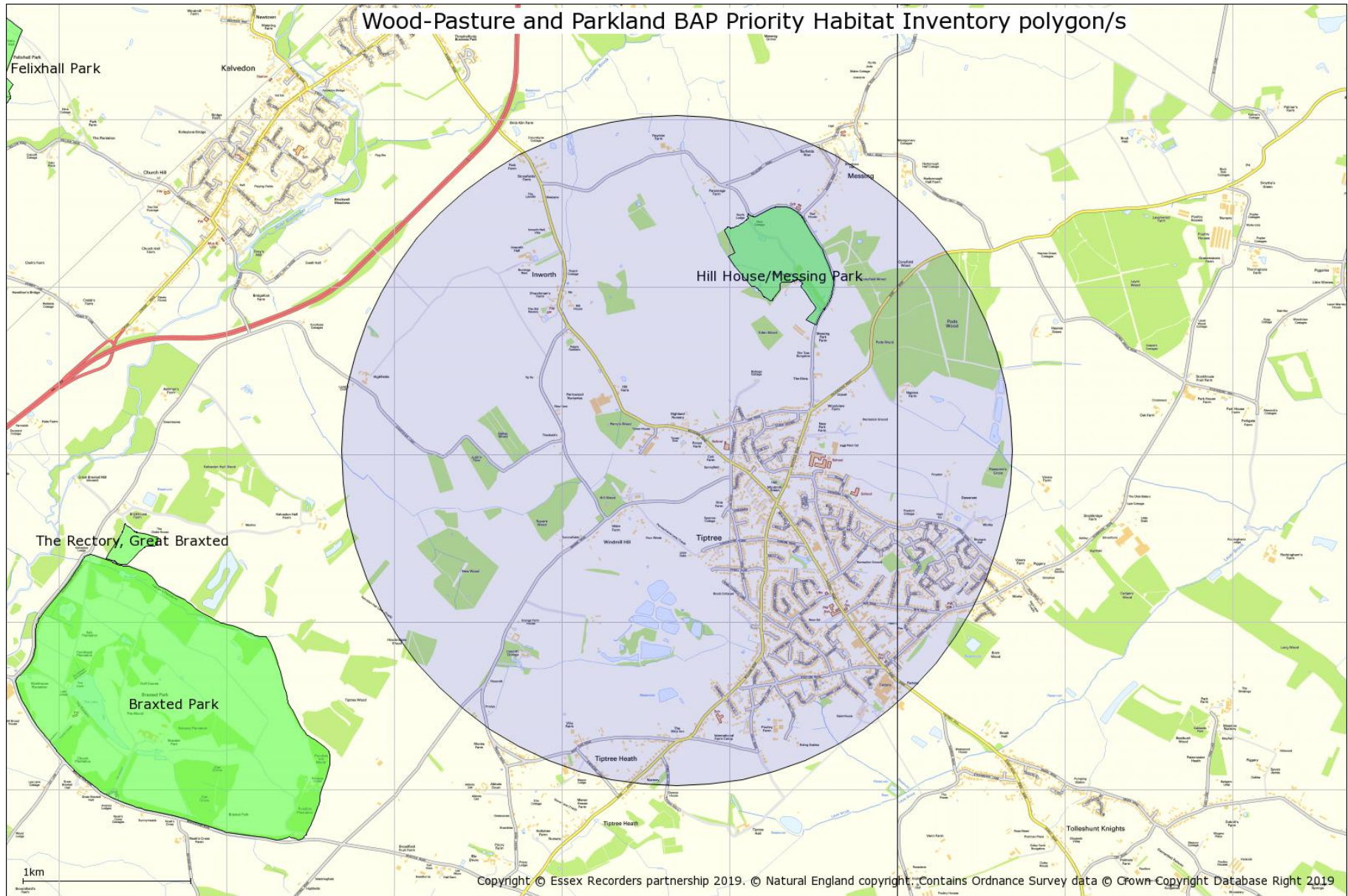
Parkland was defined as areas with a minimum of 3 trees, excluding boundary trees, which had less than 250 m between trees. Park extent was mapped to boundary features where park trees were less than 100 m from the boundary or the boundary included a large tree which was less than 250 m from a park tree.

Some areas of woodland were included where possible park trees were present. Some open areas and wooded areas were not removed as the precise extent of parkland habitat was difficult to determine from aerial photography.

Cemeteries and churchyards were excluded unless they were entirely within the park boundary.

The minimum mappable unit for the inventory was 0.25ha. Metalled roads and rivers were excluded according to Natural England mapping rules, therefore some areas <0.25ha may be present if separated by a road.

**There are 4 Wood-Pasture and Parkland BAP Priority Habitat Inventory polygon/s identified in relation to the search area.**





## 17. Traditional Orchard Inventory

Natural England Traditional Orchard Inventory (Provisional) for England© Natural England copyright. Contains Ordnance Survey data © Crown copyright and database right [2019]

### Definitions

#### Traditional Orchard

For the purpose of the inventory, Traditional Orchards are defined as sites where at least five fruit trees must be present with no more than 20m between their crown edges. Traditional Orchards are managed in a low intensity way with the orchard floor grazed or mown for hay and with little or no chemical input.

#### The Traditional Orchard Inventory for England

The inventory identifies Traditional Orchard sites in England. Traditional Orchards are located using aerial photography, Ordnance Survey MasterMap, external datasets compiled from historic surveys, and ground survey ("ground-truthing"). The information recorded about each orchard and stored on the Inventory Database includes its grid reference, its area in hectares, management features of the site and its condition (based on condition assessment criteria).

#### Limitations of the Traditional Orchard Inventory:

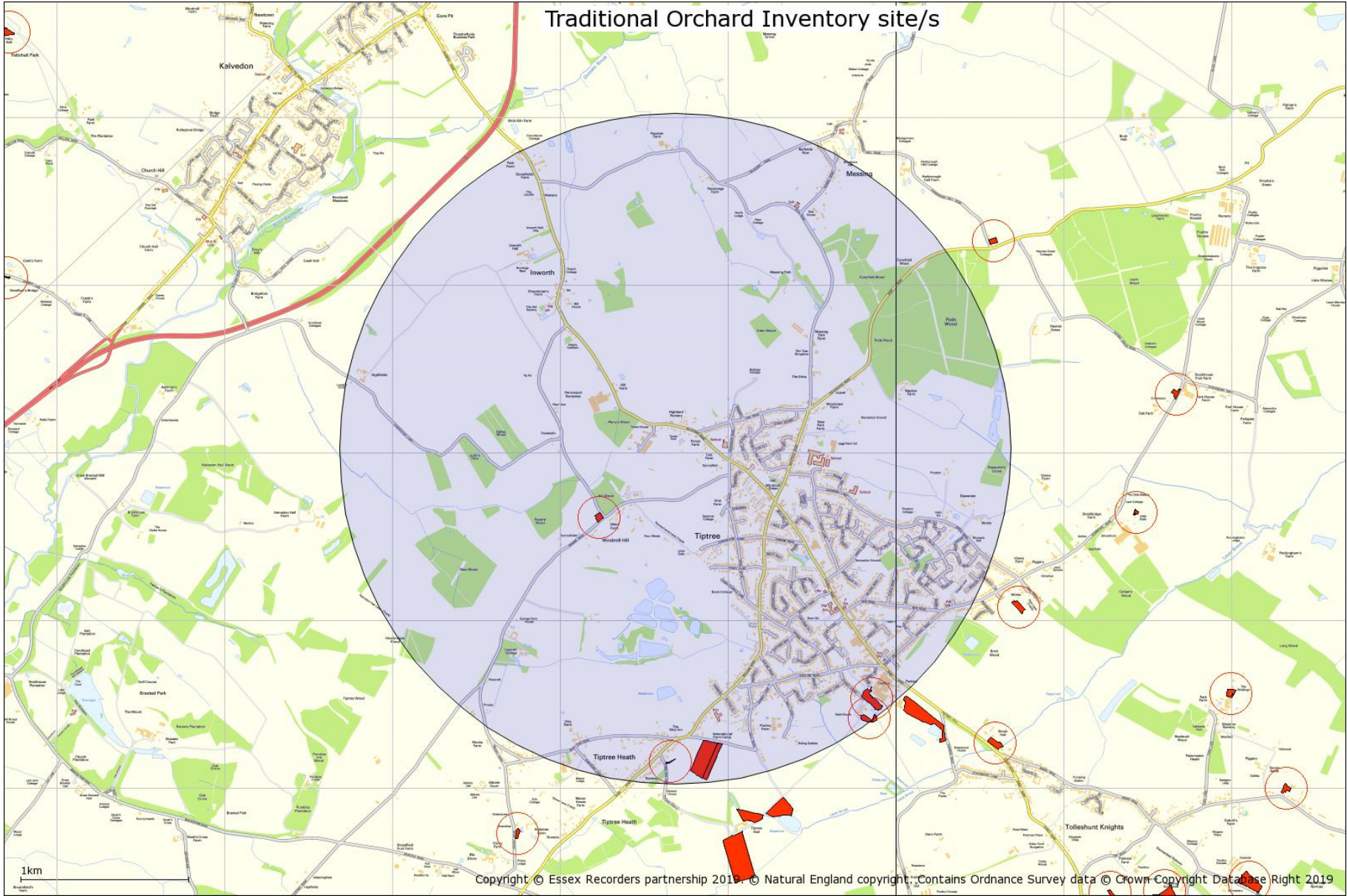
The inventory is classed as 'provisional' because it is under a constant system of review and is updated as new information is received or actual changes are recorded. If you have information that would help Natural England to update the inventory please let them know.

#### Traditional Orchards HAP Definition

Traditional orchards are defined, for priority habitat purposes, as groups of fruit and nut trees planted on vigorous rootstocks at low densities in permanent grassland; and managed in a low intensity way. Cobnut plats are also included.

The minimum size of a traditional orchard is defined as five trees with crown edges less than 20m apart. However, the potential biological and genetic interest of sites with fewer trees, such as relict orchards and individual trees within gardens is noted. Where appropriate these should be considered as potential restoration sites. It is recognised that other sites which fall outside the definition, such as organic bush orchards and fruit collections in walled gardens may also have biodiversity value, as well as historic, cultural and genetic importance.

**There are 23 Traditional Orchard Inventory site/s identified in relation to the search area.**



## 18. Priority Habitat Inventory

Natural England Priority Habitat Inventory © Natural England copyright. Contains Ordnance Survey data © Crown copyright and database right [2019]

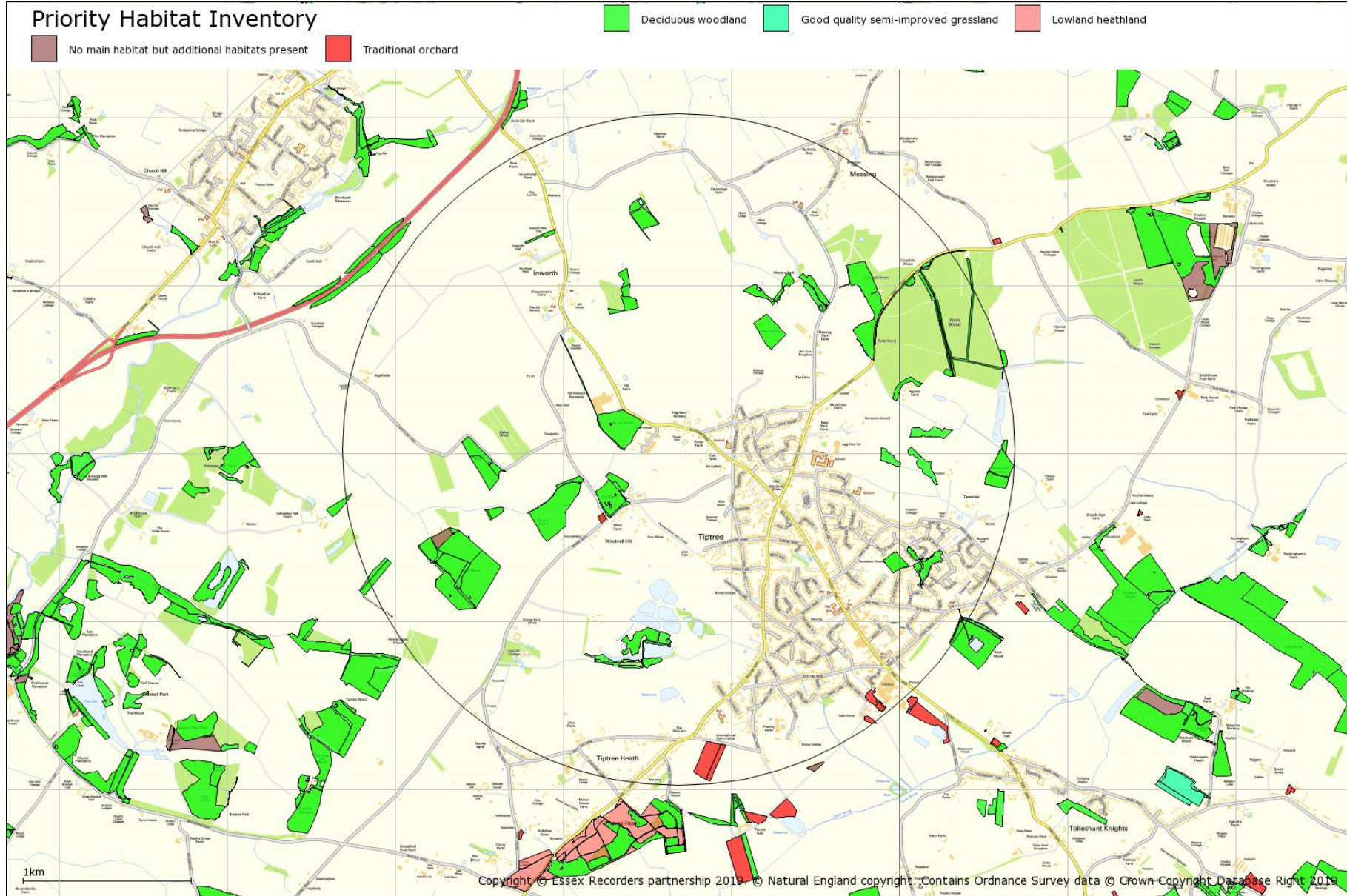
Natural England's Priority Habitats' Inventory (PHI) is a spatial dataset that describes the geographic extent and location of priority habitats in England. The PHI has been developed to replace twenty-four separate Biodiversity Action Plan (BAP) priority habitat inventories.

PHI maps habitats of principal importance for biodiversity in England. These were previously known as Biodiversity Action Plan priority habitats.

The PHI represents the best available information on priority habitats at an England-wide level; it is not and will never be a definitive dataset for priority habitats across England. As such it should be recognised that the PHI provides a generalised map of the priority habitats in an area.

Marine and freshwater habitats are not currently included, nor are Arable field margins, Hedgerows, Inland rock and scree habitats. Some other habitats, such as Open mosaic habitats on previously developed land and Wood-pasture and parkland are also not included in PHI, but have their own separate inventories.

**Priority Habitat Inventory identified in relation to the search area are shown on the map.**



## Species data

The following sections provide species data in accordance with the datasearch request. Non-county designations are based on the JNCC Master List which provides information on the conservation listings of different taxa. Please note that species records are included for all 1km squares crossed by the search area. This is because many records are made at 1km resolution, and they could have been recorded anywhere within the 1km square. The data is provided for the search area on this basis and not the wider area shown on the site designation maps.

Search polygons which are not a radius from a point include a 1km extension outside the polygon boundary extents. Search polygons made up of a corridor may however include data from a wider area as defined by the east, west, south and north edges of the area.

Natural England provides new standard advice on how to address invertebrates and their habitats within the planning system. The standard advice is hosted at <http://habitatsurveys.esdm.co.uk/Data/Sites/1/media/invertebrate-standard-advice-for-essex-oct-2014.pdf>

## 19. Invertebrate Assemblage Information

This information is based on the use of Natural England's ISIS (2010) methodology. Assemblages are identified from records for the search area and 1km squares crossed by the search area. Please note: these assemblages are identified from existing data and the results only indicate significance already identified from untargeted survey. Specific targeted specialist survey work should be undertaken of the search area to further evaluate identified invertebrate assemblages and identify others which may be important.

### Broad Assemblage Types

Invertebrate assemblages are helpful in identifying nature conservation significance of a recorded invertebrate fauna. The following Broad Assemblage Types are highlighted:

#### Broad Assemblage Types identified:

arboreal canopy	close to favourable condition
wood decay	close to favourable condition
unshaded early successional mosaic	important assemblage
grassland & scrub matrix	close to favourable condition
shaded field & ground layer	close to favourable condition
mineral marsh & open water	favourable condition
permanent wet mire	important assemblage

### Specific Assemblage Types

Specific Assemblage Types (SATs) are characterised by ecologically restricted species and are generally only expressed in lists from sites with conservation value. They have intrinsic value for nature conservation and are designed to be used in setting invertebrate conservation objectives on SSSIs (Lott, 2008).

#### Specific Assemblage Types identified:

heartwood decay	
bark & sapwood decay	
bare sand & chalk	
open short sward	important assemblage
open water on disturbed mineral sediments	
scrub edge	
rich flower resource	favourable condition
scrub-heath & moorland	
dung	

## 20. Protected Species

Protected species have protection under national legislation such as the Wildlife and Countryside Act 1981 and European legislation such as the Habitats Directive.

Please note the following:

(1) If there is no record of a particular protected species, this does not signify that the species is absent from the site in question. It may mean that it has not been recorded, that the site has not been surveyed for this species, or that data relating to its presence has not been made available to us.

(2) The presence of a protected species record does not mean that the species is still present. It means that the species was recorded at that time and place. The implications of the record should be further evaluated, and a survey to establish the current status may be required.

(3) The following summary of legislation is designed purely as a basic guide, if any action is to be taken regarding any of the protected species listed, then it is imperative that the full relevant legislation be consulted.

### WILDLIFE PROTECTION LEGISLATION IN ENGLAND

Legislation that protects wildlife in England exists at the European and national level.

#### European Law

The Bern Convention on the Conservation of European Wildlife and Natural Habitats (1979) was aimed at ensuring conservation and protection of all wild plants and animals, increasing cooperation between states, and affording special protection to the most vulnerable or threatened species. It was implemented by the EC Birds Directive (Council Directive 79/409/EEC) and the EC Habitats Directive (Council Directive 92/43/EEC).

The Bonn Convention on Migratory Species of Wild Animals (1979 & 1994) requires the protection of migratory animals. It was implemented by the EC Birds Directive (Council Directive 79/409/EEC) and the EC Habitats Directive (Council Directive 92/43/EEC).

The EC Habitats Directive aims to establish a network of protected areas in order to maintain the distribution and the abundance of threatened species and habitats. A number of species are listed in the annexes.

Annex II lists animals and plants whose conservation requires the designation of Special Areas of Conservation (SACs).

Annex IV lists animals and plants in need of strict protection. For the animals, this prohibits deliberate capture, killing, disturbance (especially during breeding period), destruction or taking of eggs from wild, and destruction or deterioration of breeding sites or resting places. For the plants, this prohibits deliberate picking, collecting, uprooting, cutting, destruction, and trade in entire plants or parts, at all stages of life.

Annex V lists animals and plants for which taking in the wild may be subject to management measures.

## National Law

### Wildlife and Countryside Act

The Wildlife and Countryside Act 1981 (as amended) is the main source of legal protection for wildlife in England and was strengthened by the Countryside and Rights of Way Act 2000. A statutory five-yearly review of Schedules 5 and 8 (protected wild animals and plants) is undertaken by the relevant authorities. Species protection is provided under Schedules 1, 5, 6 and 8:

Schedule 1 lists bird species that are rare, endangered, declining or vulnerable. The Schedule is divided into two parts. Part I lists birds which receive special protection, these birds receive additional protection from disturbance at the nest. Part II lists birds that receive the same level of special protection, but only during the breeding season.

Schedule 5 protects animal (other than bird) species from certain actions, according to the sections of the Act under which they are listed:

- S9(1) prohibits the intentional killing, injury or taking.
- S9(2) protection is limited to possessing and controlling.
- S9(4a) prohibits the damaging, destroying or obstructing access to any place used by the animal for shelter or protection.
- S9(4b) prohibits disturbing the animal while it is occupying any structure or place which it uses for shelter or protection.
- S9(5) prohibits the selling, offering for sale, possessing or transporting for purpose of sale, or advertising for sale, any live or dead animal, or any part of, or anything derived from such an animal. Species on this Schedule do not appear on the PSI.

Schedule 6 lists animals that may not be killed by certain methods. Even humane trapping for research requires a licence.

Schedule 8 lists plant species for which it is prohibited to intentionally pick, uproot, destroy, trade in, or possess (for the purposes of trade).

Under the Wildlife and Countryside Act, all wild plants in Britain are protected from intentional uprooting by an unauthorised person. Landowners, land occupiers, persons authorised by either of these, or persons authorised in writing by the Local Authority for the area are exempt from this, except for Schedule 8 species.

### Conservation Regulations

The Conservation of Habitats and Species Regulations 2010 (as amended) transpose the EC Habitats Directive into national law. In addition to enabling the designation of SACs, the regulations also provide species protection:

Schedule 2 protects the listed animals from deliberate capture, killing, disturbance or trading in.

Schedule 4 protects the listed plants from picking, collecting, uprooting, destroying or trading in.

These actions can be made lawful through the granting of licences by the appropriate authorities. Licences may be granted for a number of purposes, but only after the appropriate authority is satisfied that there are no satisfactory alternatives and that such actions will have no detrimental effect on wild the population of the species concerned.



### **Protection of Badgers Act**

The Protection of the Badgers Act prohibits the killing, injuring or taking of badgers and damage or interference with a badger sett, unless licensed to do so by a statutory authority.

## **International and European Obligations**

In the UK, species receiving protection under international legislation and agreements are protected through the Wildlife and Countryside Act, so are not shown separately in the BMERC notable species lists. For reference, the relevant categories are shown below.

### **Bern Convention on the Conservation of European Wildlife and Natural Habitats**

The Bern Convention aims to ensure the conservation of wild flora and fauna species and their habitats.

- Appendix 1 (strictly protected flora) - Plants for which contracting parties will prohibit deliberate picking, collecting, cutting or uprooting.
- Appendix 2 (strictly protected fauna) - Animals for which contracting parties will prohibit deliberate capture, possession, killing, damage to or destruction of breeding or resting sites, disturbance or destruction or taking of eggs.
- Appendix 3 (protected fauna) - Animals for which contracting parties will include closed seasons and regulate their sale, keeping for sale, transport for sale or offering for sale of live and dead wild animals. (Not included in Notable Species List).

### **Bonn Convention on Migratory Species**

The Bonn Convention aims to conserve terrestrial, marine and avian migratory species throughout their range.

- Appendix 1 (migratory species threatened with extinction) - Species for which contracting parties will strictly protect and endeavour to conserve or restore the places where they live, mitigating obstacles to migration and controlling other factors that might endanger them.
- Appendix 2 (migratory species that need or would benefit from international co-operation) - Species for which contracting parties will be encouraged to conclude global or regional agreements for the conservation and management of individual species or, more often, of a group of species. (Not included in Notable Species List).

### **The EC Council Directive on the Conservation of Wild Birds**

The Birds Directive provides a framework for the conservation and management of all wild birds in Europe. As well as designating important sites for birds as Special Protection Areas, birds are generally protected from deliberate killing or capture and destruction of or damage to their nests or eggs, and deliberate disturbance. Allowances are made for game birds.

## Protected Species Table

Source	Taxon	Group	Vernacular	Status	Location	Position	Records	Latest
Essex Birdwatching Society	<i>Accipiter nisus</i>	bird	Eurasian Sparrowhawk	Convention on Migratory Species: Appendix 2, EC Cites: Annex A	Tiptree	TL8917	1	2017
Essex Field Club	<i>Accipiter nisus</i>	bird	Eurasian Sparrowhawk	Convention on Migratory Species: Appendix 2, EC Cites: Annex A	Messing CO5 9TU (garden)	TL897190	4	2014
Essex Birdwatching Society	<i>Accipiter nisus</i>	bird	Eurasian Sparrowhawk	Convention on Migratory Species: Appendix 2, EC Cites: Annex A	Pods Woods Tiptree	TL9018	1	2015
Essex Birdwatching Society	<i>Accipiter nisus</i>	bird	Eurasian Sparrowhawk	Convention on Migratory Species: Appendix 2, EC Cites: Annex A	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	1	2017
Essex Birdwatching Society	<i>Accipiter nisus</i>	bird	Eurasian Sparrowhawk	Convention on Migratory Species: Appendix 2, EC Cites: Annex A	Kelvedon - Home & Brockwell	TL8618	2	2015
Essex Birdwatching Society	<i>Alauda arvensis</i>	bird	Sky Lark	Birds Directive: Annex 2.2	Kelvedon - Station	TL8619	2	2014
Essex Birdwatching Society	<i>Alauda arvensis</i>	bird	Sky Lark	Birds Directive: Annex 2.2	Inworth - Perrywoods	TL8817	1	2014
Essex Birdwatching Society	<i>Alauda arvensis</i>	bird	Sky Lark	Birds Directive: Annex 2.2	Kelvedon - Home & Brockwell	TL8618	2	2015
Essex Birdwatching Society	<i>Alauda arvensis</i>	bird	Sky Lark	Birds Directive: Annex 2.2	Kelvedon - Brockwell	TL8618	1	2013
Essex Birdwatching Society	<i>Alauda arvensis</i>	bird	Sky Lark	Birds Directive: Annex 2.2	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	8	2017
Essex Birdwatching Society	<i>Alauda arvensis</i>	bird	Sky Lark	Birds Directive: Annex 2.2	Kelvedon	TL8618	1	2015
Essex Birdwatching Society	<i>Alcedo atthis</i>	bird	Common Kingfisher	Bern Convention: Appendix 2, Birds Directive: Annex 1, Wildlife and Countryside Act 1981: Schedule 1 - Part 1	Inworth Grange, Tiptree, TL8715	TL8715	1	2014
Essex Birdwatching Society	<i>Alcedo atthis</i>	bird	Common Kingfisher	Bern Convention: Appendix 2, Birds Directive: Annex 1, Wildlife and Countryside Act 1981: Schedule 1 - Part 1	Kelvedon - Home & Brockwell	TL8618	2	2015

Essex Birdwatching Society	<i>Alcedo atthis</i>	bird	Common Kingfisher	Bern Convention: Appendix 2, Birds Directive: Annex 1, Wildlife and Countryside Act 1981: Schedule 1 - Part 1	Feering Village	TL8719	1	2017
Essex Birdwatching Society	<i>Alcedo atthis</i>	bird	Common Kingfisher	Bern Convention: Appendix 2, Birds Directive: Annex 1, Wildlife and Countryside Act 1981: Schedule 1 - Part 1	Kelvedon - Brockwell	TL8618	3	2013
Essex Birdwatching Society	<i>Alcedo atthis</i>	bird	Common Kingfisher	Bern Convention: Appendix 2, Birds Directive: Annex 1, Wildlife and Countryside Act 1981: Schedule 1 - Part 1	Kelvedon	TL8618	1	2015
Essex Birdwatching Society	<i>Alcedo atthis</i>	bird	Common Kingfisher	Bern Convention: Appendix 2, Birds Directive: Annex 1, Wildlife and Countryside Act 1981: Schedule 1 - Part 1	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	1	2017
Essex Birdwatching Society	<i>Alectoris rufa</i>	bird	Red-legged Partridge	Birds Directive: Annex 2.1	Kelvedon - Brockwell	TL8618	2	2013
Essex Birdwatching Society	<i>Alectoris rufa</i>	bird	Red-legged Partridge	Birds Directive: Annex 2.1	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	8	2017
Essex Birdwatching Society	<i>Alectoris rufa</i>	bird	Red-legged Partridge	Birds Directive: Annex 2.1	Kelvedon	TL8618	1	2015
Essex Birdwatching Society	<i>Alectoris rufa</i>	bird	Red-legged Partridge	Birds Directive: Annex 2.1	Kelvedon - Station	TL8619	1	2013
Essex Birdwatching Society	<i>Alectoris rufa</i>	bird	Red-legged Partridge	Birds Directive: Annex 2.1	Kelvedon - Home & Brockwell	TL8618	5	2015
Essex Birdwatching Society	<i>Alectoris rufa</i>	bird	Red-legged Partridge	Birds Directive: Annex 2.1	Perrywoods, Tiptree	TL8817	1	2015
Essex Field Club	<i>Anacamptis morio</i>	flowering plant	Green-winged Orchid	EC Cites: Annex B	Tiptree, Sand and Gravel Quarry	TL8816	1	2015
Essex Field Club	<i>Anacamptis morio</i>	flowering plant	Green-winged Orchid	EC Cites: Annex B	Tiptree, Gravel Pits	TL8815	1	2015
Essex Birdwatching Society	<i>Anas clypeata</i>	bird	Northern Shoveler	Birds Directive: Annex 2.1, Convention on Migratory Species: AEW Annex II, Convention on Migratory Species: Appendix 2, EC Cites: Annex C	Kelvedon	TL8618	1	2013

Essex Birdwatching Society	<i>Anas platyrhynchos</i>	bird	Mallard	Birds Directive: Annex 2.1, Convention on Migratory Species: AEWA Annex II, Convention on Migratory Species: Appendix 2	Kelvedon - Home & Brockwell	TL8618	5	2015
Essex Birdwatching Society	<i>Anas platyrhynchos</i>	bird	Mallard	Birds Directive: Annex 2.1, Convention on Migratory Species: AEWA Annex II, Convention on Migratory Species: Appendix 2	Feering Village	TL8719	4	2017
Essex Birdwatching Society	<i>Anas platyrhynchos</i>	bird	Mallard	Birds Directive: Annex 2.1, Convention on Migratory Species: AEWA Annex II, Convention on Migratory Species: Appendix 2	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	34	2017
Essex Birdwatching Society	<i>Anas platyrhynchos</i>	bird	Mallard	Birds Directive: Annex 2.1, Convention on Migratory Species: AEWA Annex II, Convention on Migratory Species: Appendix 2	Kelvedon - Station	TL8619	1	2013
Essex Birdwatching Society	<i>Ardea cinerea</i>	bird	Grey Heron	Convention on Migratory Species: AEWA Annex II	Kelvedon - Brockwell	TL8618	1	2013
Essex Birdwatching Society	<i>Ardea cinerea</i>	bird	Grey Heron	Convention on Migratory Species: AEWA Annex II	A12 - Kelvedon North	TL8820	1	2013
Essex Field Club	<i>Arvicola amphibius</i>	terrestrial mammal	Northern Water Vole	Wildlife and Countryside Act 1981: Schedule 5 Section 9.4.a, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4b, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4c	TL861182	TL861182	6	1994
Essex Field Club	<i>Arvicola amphibius</i>	terrestrial mammal	Northern Water Vole	Wildlife and Countryside Act 1981: Schedule 5 Section 9.4.a, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4b, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4c	TL908155	TL908155	3	2001
Essex Field Club	<i>Arvicola amphibius</i>	terrestrial mammal	Northern Water Vole	Wildlife and Countryside Act 1981: Schedule 5 Section 9.4.a, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4b, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4c	TL882196	TL882196	3	1998
Essex Field Club	<i>Arvicola amphibius</i>	terrestrial mammal	Northern Water Vole	Wildlife and Countryside Act 1981: Schedule 5 Section 9.4.a, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4b, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4c	TL872189	TL872189	6	1998

Essex Birdwatching Society	<i>Bombycilla garrulus</i>	bird	Bohemian Waxwing	Bern Convention: Appendix 2	Kelvedon	TL8618	2	2013
Essex Birdwatching Society	<i>Botaurus stellaris</i>	bird	Eurasian Bittern	Bern Convention: Appendix 2, Birds Directive: Annex 1, Convention on Migratory Species: AEWA Annex II, Wildlife and Countryside Act 1981: Schedule 1 - Part 1	Tiptree GP	TL8815	2	2013
Essex Birdwatching Society	<i>Branta canadensis</i>	bird	Canada Goose	Birds Directive: Annex 2.1, Convention on Migratory Species: Appendix 2	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	1	2017
EFC/EARG	<i>Bufo bufo</i>	amphibian	Common Toad	Bern Convention: Appendix 3, Wildlife and Countryside Act 1981: Schedule 5 Section 9.5a	Grange Road Tiptree	TL875155	1	2002
EFC/EARG	<i>Bufo bufo</i>	amphibian	Common Toad	Bern Convention: Appendix 3, Wildlife and Countryside Act 1981: Schedule 5 Section 9.5a	Priory Road Tiptree	TL876151	1	1999
EFC/EARG	<i>Bufo bufo</i>	amphibian	Common Toad	Bern Convention: Appendix 3, Wildlife and Countryside Act 1981: Schedule 5 Section 9.5a	Messing CO5 9TU (garden)	TL897190	1	2014
EFC/EARG	<i>Bufo bufo</i>	amphibian	Common Toad	Bern Convention: Appendix 3, Wildlife and Countryside Act 1981: Schedule 5 Section 9.5a	Watering Farm	TL862195	2	2017
EFC/EARG	<i>Bufo bufo</i>	amphibian	Common Toad	Bern Convention: Appendix 3, Wildlife and Countryside Act 1981: Schedule 5 Section 9.5a	Kelvedon	TL862195	2	2017
EFC/EARG	<i>Bufo bufo</i>	amphibian	Common Toad	Bern Convention: Appendix 3, Wildlife and Countryside Act 1981: Schedule 5 Section 9.5a	Tiptree Heath Primary School	TL889154	1	2001
Essex Birdwatching Society	<i>Buteo buteo</i>	bird	Common Buzzard	Convention on Migratory Species: Appendix 2, EC Cites: Annex A	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	10	2017
Essex Birdwatching Society	<i>Buteo buteo</i>	bird	Common Buzzard	Convention on Migratory Species: Appendix 2, EC Cites: Annex A	Perrywoods, Tiptree	TL8817	1	2015
Essex Birdwatching Society	<i>Buteo buteo</i>	bird	Common Buzzard	Convention on Migratory Species: Appendix 2, EC Cites: Annex A	Tiptree	TL8917	1	2017
Essex Birdwatching Society	<i>Buteo buteo</i>	bird	Common Buzzard	Convention on Migratory Species: Appendix 2, EC Cites: Annex A	Birch Airfield	TL9119	2	2014

Essex Birdwatching Society	<i>Buteo buteo</i>	bird	Common Buzzard	Convention on Migratory Species: Appendix 2, EC Cites: Annex A	West End Road, Tiptree, TL8715	TL8715	1	2014
Essex Birdwatching Society	<i>Buteo buteo</i>	bird	Common Buzzard	Convention on Migratory Species: Appendix 2, EC Cites: Annex A	Kelvedon	TL8618	4	2017
Essex Birdwatching Society	<i>Buteo buteo</i>	bird	Common Buzzard	Convention on Migratory Species: Appendix 2, EC Cites: Annex A	Kelvedon Station	TL8619	1	2017
Essex Birdwatching Society	<i>Buteo buteo</i>	bird	Common Buzzard	Convention on Migratory Species: Appendix 2, EC Cites: Annex A	Messing Area	TL9019	1	2014
Essex Birdwatching Society	<i>Buteo buteo</i>	bird	Common Buzzard	Convention on Migratory Species: Appendix 2, EC Cites: Annex A	Tiptree	TL8916	2	2017
Essex Birdwatching Society	<i>Buteo buteo</i>	bird	Common Buzzard	Convention on Migratory Species: Appendix 2, EC Cites: Annex A	B1022 nears Pods Wood, Tiptree	TL9018	1	2017
Essex Birdwatching Society	<i>Buteo buteo</i>	bird	Common Buzzard	Convention on Migratory Species: Appendix 2, EC Cites: Annex A	TL9020	TL9020	1	2014
Essex Birdwatching Society	<i>Buteo buteo</i>	bird	Common Buzzard	Convention on Migratory Species: Appendix 2, EC Cites: Annex A	Feering (east of A12)	TL8719	1	2013
Essex Birdwatching Society	<i>Buteo buteo</i>	bird	Common Buzzard	Convention on Migratory Species: Appendix 2, EC Cites: Annex A	Kelvedon - Home & Brockwell	TL8618	5	2015
Essex Birdwatching Society	<i>Buteo buteo</i>	bird	Common Buzzard	Convention on Migratory Species: Appendix 2, EC Cites: Annex A	Messing	TL8918	1	2014
Essex Birdwatching Society	<i>Buteo buteo</i>	bird	Common Buzzard	Convention on Migratory Species: Appendix 2, EC Cites: Annex A	Tiptree	TL8817	1	2013
Essex Birdwatching Society	<i>Buteo buteo</i>	bird	Common Buzzard	Convention on Migratory Species: Appendix 2, EC Cites: Annex A	Tiptree, Pods Wood	TL9017	1	2017
Essex Birdwatching Society	<i>Buteo buteo</i>	bird	Common Buzzard	Convention on Migratory Species: Appendix 2, EC Cites: Annex A	Braxted Park	TL8715	1	2015
Essex Birdwatching Society	<i>Buteo buteo</i>	bird	Common Buzzard	Convention on Migratory Species: Appendix 2, EC Cites: Annex A	Kelvedon - Brockwell	TL8618	3	2013

Essex Field Club	<i>Capreolus capreolus</i>	terrestrial mammal	Roe Deer	Bern Convention: Appendix 3	TL903160	TL903160	4	2008
Essex Birdwatching Society	<i>Certhia familiaris</i>	bird	Eurasian Treecreeper	Bern Convention: Appendix 2	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	1	2017
Essex Birdwatching Society	<i>Certhia familiaris</i>	bird	Eurasian Treecreeper	Bern Convention: Appendix 2	Kelvedon - Home & Brockwell	TL8618	1	2015
Essex Birdwatching Society	<i>Charadrius dubius</i>	bird	Little Ringed Plover	Bern Convention: Appendix 2, Convention on Migratory Species: AEW Annex II, Convention on Migratory Species: Appendix 2, Wildlife and Countryside Act 1981: Schedule 1 - Part 1	Tiptree Landfill	TL8815	1	2013
Essex Birdwatching Society	<i>Chloris chloris</i>			Bern Convention: Appendix 2	Kelvedon - Home & Brockwell	TL8618	3	2015
Essex Birdwatching Society	<i>Chloris chloris</i>			Bern Convention: Appendix 2	Kelvedon - Brockwell	TL8618	1	2013
Essex Birdwatching Society	<i>Chloris chloris</i>			Bern Convention: Appendix 2	Feering Village	TL8719	1	2017
Essex Birdwatching Society	<i>Chloris chloris</i>			Bern Convention: Appendix 2	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	13	2017
Essex Birdwatching Society	<i>Chroicocephalus ridibundus</i>	bird	Common Black-headed Gull	Birds Directive: Annex 2.2, Convention on Migratory Species: AEW Annex II	Kelvedon - Home & Brockwell	TL8618	4	2015
Essex Birdwatching Society	<i>Chroicocephalus ridibundus</i>	bird	Common Black-headed Gull	Birds Directive: Annex 2.2, Convention on Migratory Species: AEW Annex II	Feering Village	TL8719	1	2017
Essex Birdwatching Society	<i>Chroicocephalus ridibundus</i>	bird	Common Black-headed Gull	Birds Directive: Annex 2.2, Convention on Migratory Species: AEW Annex II	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	21	2017
Essex Birdwatching Society	<i>Chroicocephalus ridibundus</i>	bird	Common Black-headed Gull	Birds Directive: Annex 2.2, Convention on Migratory Species: AEW Annex II	Kelvedon Station	TL8619	1	2017
Essex Birdwatching Society	<i>Columba palumbus</i>	bird	Common Wood Pigeon	Birds Directive: Annex 2.1	Perrywoods, Tiptree	TL8817	1	2015

Essex Birdwatching Society	<i>Columba palumbus</i>	bird	Common Wood Pigeon	Birds Directive: Annex 2.1	Feering Village	TL8719	4	2017
Essex Birdwatching Society	<i>Columba palumbus</i>	bird	Common Wood Pigeon	Birds Directive: Annex 2.1	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	41	2017
Essex Birdwatching Society	<i>Columba palumbus</i>	bird	Common Wood Pigeon	Birds Directive: Annex 2.1	Kelvedon Station	TL8619	2	2017
Essex Birdwatching Society	<i>Columba palumbus</i>	bird	Common Wood Pigeon	Birds Directive: Annex 2.1	Kelvedon - Home & Brockwell	TL8618	8	2015
Essex Birdwatching Society	<i>Corvus corone</i>	bird	Carrion Crow	Birds Directive: Annex 2.2	Kelvedon - Home & Brockwell	TL8618	6	2015
Essex Birdwatching Society	<i>Corvus corone</i>	bird	Carrion Crow	Birds Directive: Annex 2.2	Kelvedon - Brockwell	TL8618	2	2013
Essex Birdwatching Society	<i>Corvus corone</i>	bird	Carrion Crow	Birds Directive: Annex 2.2	Perrywoods, Tiptree	TL8817	1	2015
Essex Birdwatching Society	<i>Corvus corone</i>	bird	Carrion Crow	Birds Directive: Annex 2.2	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	19	2017
Essex Birdwatching Society	<i>Corvus frugilegus</i>	bird	Rook	Birds Directive: Annex 2.2	Kelvedon - Home & Brockwell	TL8618	1	2015
Essex Birdwatching Society	<i>Corvus frugilegus</i>	bird	Rook	Birds Directive: Annex 2.2	Perrywoods, Tiptree	TL8817	1	2015
Essex Birdwatching Society	<i>Corvus frugilegus</i>	bird	Rook	Birds Directive: Annex 2.2	Kelvedon Station	TL8619	1	2017
Essex Birdwatching Society	<i>Corvus monedula</i>	bird	Western Jackdaw	Birds Directive: Annex 2.2	Feering Village	TL8719	1	2017
Essex Birdwatching Society	<i>Corvus monedula</i>	bird	Western Jackdaw	Birds Directive: Annex 2.2	Perrywoods, Tiptree	TL8817	1	2015
Essex Birdwatching Society	<i>Corvus monedula</i>	bird	Western Jackdaw	Birds Directive: Annex 2.2	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	2	2017



Essex Birdwatching Society	<i>Cyanistes caeruleus</i>	bird	Blue Tit	Bern Convention: Appendix 2	Home	TL9016	1	2014
Essex Birdwatching Society	<i>Cyanistes caeruleus</i>	bird	Blue Tit	Bern Convention: Appendix 2	Perrywoods, Tiptree	TL8817	1	2015
Essex Birdwatching Society	<i>Cyanistes caeruleus</i>	bird	Blue Tit	Bern Convention: Appendix 2	Feering Village	TL8719	2	2017
Essex Birdwatching Society	<i>Cyanistes caeruleus</i>	bird	Blue Tit	Bern Convention: Appendix 2	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	19	2017
Essex Birdwatching Society	<i>Cyanistes caeruleus</i>	bird	Blue Tit	Bern Convention: Appendix 2	Kelvedon - Home & Brockwell	TL8618	5	2015
Essex Birdwatching Society	<i>Cygnus olor</i>	bird	Mute Swan	Birds Directive: Annex 2.2, Convention on Migratory Species: AEW Annex II, Convention on Migratory Species: Appendix 2	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	5	2017
Essex Birdwatching Society	<i>Cygnus olor</i>	bird	Mute Swan	Birds Directive: Annex 2.2, Convention on Migratory Species: AEW Annex II, Convention on Migratory Species: Appendix 2	Kelvedon - Home & Brockwell	TL8618	2	2015
Essex Birdwatching Society	<i>Delichon urbicum</i>	bird	Common House Martin	Bern Convention: Appendix 2	Kelvedon - Brockwell	TL8618	4	2013
Essex Birdwatching Society	<i>Delichon urbicum</i>	bird	Common House Martin	Bern Convention: Appendix 2	Perrywoods, Tiptree	TL8817	1	2015
Essex Birdwatching Society	<i>Delichon urbicum</i>	bird	Common House Martin	Bern Convention: Appendix 2	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	10	2017
Essex Birdwatching Society	<i>Delichon urbicum</i>	bird	Common House Martin	Bern Convention: Appendix 2	Kelvedon - Home & Brockwell	TL8618	3	2015
Essex Birdwatching Society	<i>Dendrocopos major</i>	bird	Great Spotted Woodpecker	Bern Convention: Appendix 2	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	3	2017
Essex Birdwatching Society	<i>Dendrocopos major</i>	bird	Great Spotted Woodpecker	Bern Convention: Appendix 2	Kelvedon - Home & Brockwell	TL8618	1	2015

Essex Birdwatching Society	<i>Dendrocopos major</i>	bird	Great Spotted Woodpecker	Bern Convention: Appendix 2	Kelvedon	TL8618	1	2017
Essex Birdwatching Society	<i>Dendrocopos minor</i>	bird	Lesser Spotted Woodpecker	Bern Convention: Appendix 2	Tiptree	TL8916	1	2017
Essex Birdwatching Society	<i>Egretta garzetta</i>	bird	Little Egret	Bern Convention: Appendix 2, Birds Directive: Annex 1, Convention on Migratory Species: AEWA Annex II, EC Cites: Annex A	Kelvedon - Home & Brockwell	TL8618	4	2015
Essex Birdwatching Society	<i>Egretta garzetta</i>	bird	Little Egret	Bern Convention: Appendix 2, Birds Directive: Annex 1, Convention on Migratory Species: AEWA Annex II, EC Cites: Annex A	Kelvedon - Brockwell	TL8618	3	2013
Essex Birdwatching Society	<i>Egretta garzetta</i>	bird	Little Egret	Bern Convention: Appendix 2, Birds Directive: Annex 1, Convention on Migratory Species: AEWA Annex II, EC Cites: Annex A	Kelvedon	TL8618	2	2015
Essex Birdwatching Society	<i>Egretta garzetta</i>	bird	Little Egret	Bern Convention: Appendix 2, Birds Directive: Annex 1, Convention on Migratory Species: AEWA Annex II, EC Cites: Annex A	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	11	2017
Essex Birdwatching Society	<i>Emberiza citrinella</i>	bird	Yellowhammer	Bern Convention: Appendix 2	Messing	TL8918	1	2014
Essex Birdwatching Society	<i>Emberiza citrinella</i>	bird	Yellowhammer	Bern Convention: Appendix 2	Kelvedon	TL8618	1	2015
Essex Birdwatching Society	<i>Emberiza schoeniclus</i>	bird	Common Reed Bunting	Bern Convention: Appendix 2	Messing	TL8918	1	2014
Essex Birdwatching Society	<i>Emberiza schoeniclus</i>	bird	Common Reed Bunting	Bern Convention: Appendix 2	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	1	2017
Essex Birdwatching Society	<i>Emberiza schoeniclus</i>	bird	Common Reed Bunting	Bern Convention: Appendix 2	Kelvedon	TL8618	1	2015

Essex Field Club	<i>Eptesicus serotinus</i>	terrestrial mammal	Serotine	Bern Convention: Appendix 2, Convention on Migratory Species: Appendix 2, Convention on Migratory Species: EUROBATS Annex I, Habitats Directive: Annex 4, The Conservation (Nature Habitats, etc.) Regulations (NI) 1995: Schedule 2, The Conservation of Habitats and Species Regulations 2010: Schedule 2, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4b, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4c, Wildlife and Countryside Act 1981: Schedule 5 Section 9.5a	TL908152	TL908152	3	1985
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Bern Convention: Appendix 3	TL879184	TL879184	5	1995
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Bern Convention: Appendix 3	TL895176	TL895176	5	1995
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Bern Convention: Appendix 3	TL887154	TL887154	4	1995
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Bern Convention: Appendix 3	TL897189	TL897189	4	1995
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Bern Convention: Appendix 3	TL889156	TL889156	4	2006
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Bern Convention: Appendix 3	TL906183	TL906183	4	1995
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Bern Convention: Appendix 3	TL860186	TL860186	6	1994
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Bern Convention: Appendix 3	TL891157	TL891157	8	2011
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Bern Convention: Appendix 3	TL863193	TL863193	6	1998
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Bern Convention: Appendix 3	TL894156	TL894156	4	2009
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Bern Convention: Appendix 3	TL877162	TL877162	4	1995
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Bern Convention: Appendix 3	TL895157	TL895157	4	1995
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Bern Convention: Appendix 3	TL886153	TL886153	4	2007
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Bern Convention: Appendix 3	TL897157	TL897157	4	2009

Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Bern Convention: Appendix 3	TL889153	TL889153	4	2012
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Bern Convention: Appendix 3	TL905183	TL905183	4	1995
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Bern Convention: Appendix 3	Messing CO5 9TU (garden)	TL897190	2	2012
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Bern Convention: Appendix 3	TL890156	TL890156	4	2007
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Bern Convention: Appendix 3	TL863189	TL863189	6	2007
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Bern Convention: Appendix 3	TL893157	TL893157	4	1998
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Bern Convention: Appendix 3	TL875192	TL875192	6	1995
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Bern Convention: Appendix 3	TL894176	TL894176	5	2010
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Bern Convention: Appendix 3	TL880177	TL880177	2	2014
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Bern Convention: Appendix 3	TL896174	TL896174	5	2011
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Bern Convention: Appendix 3	TL887172	TL887172	4	1995
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Bern Convention: Appendix 3	TL901158	TL901158	4	1998
EFC Schemes	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Bern Convention: Appendix 3	Tiptree	TL894172	1	2012
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Bern Convention: Appendix 3	TL889171	TL889171	4	2004
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Bern Convention: Appendix 3	TL908163	TL908163	3	1995
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Bern Convention: Appendix 3	TL862196	TL862196	5	1995
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Bern Convention: Appendix 3	TL891160	TL891160	3	2015
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Bern Convention: Appendix 3	TL875159	TL875159	4	1995
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Bern Convention: Appendix 3	TL894169	TL894169	5	1995
Essex Birdwatching Society	<i>Erithacus rubecula</i>	bird	European Robin	Bern Convention: Appendix 2	Kelvedon - Home & Brockwell	TL8618	4	2015

Essex Birdwatching Society	<i>Erithacus rubecula</i>	bird	European Robin	Bern Convention: Appendix 2	Home	TL9016	1	2014
Essex Birdwatching Society	<i>Erithacus rubecula</i>	bird	European Robin	Bern Convention: Appendix 2	Perrywoods, Tiptree	TL8817	1	2015
Essex Birdwatching Society	<i>Erithacus rubecula</i>	bird	European Robin	Bern Convention: Appendix 2	Feering Village	TL8719	3	2017
Essex Birdwatching Society	<i>Erithacus rubecula</i>	bird	European Robin	Bern Convention: Appendix 2	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	31	2017
Essex Birdwatching Society	<i>Falco subbuteo</i>	bird	Eurasian Hobby	Bern Convention: Appendix 2, Convention on Migratory Species: Appendix 2, EC Cites: Annex A, Wildlife and Countryside Act 1981: Schedule 1 - Part 1	Tiptree	TL8916	1	2017
Essex Birdwatching Society	<i>Falco subbuteo</i>	bird	Eurasian Hobby	Bern Convention: Appendix 2, Convention on Migratory Species: Appendix 2, EC Cites: Annex A, Wildlife and Countryside Act 1981: Schedule 1 - Part 1	Inworth	TL8817	1	2017
Essex Birdwatching Society	<i>Falco tinnunculus</i>	bird	Common Kestrel	Bern Convention: Appendix 2, Convention on Migratory Species: Appendix 2, EC Cites: Annex A	Kelvedon - Brockwell	TL8618	1	2013
Essex Birdwatching Society	<i>Falco tinnunculus</i>	bird	Common Kestrel	Bern Convention: Appendix 2, Convention on Migratory Species: Appendix 2, EC Cites: Annex A	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	9	2017
Essex Birdwatching Society	<i>Falco tinnunculus</i>	bird	Common Kestrel	Bern Convention: Appendix 2, Convention on Migratory Species: Appendix 2, EC Cites: Annex A	Mobile-TL8618	TL8618	2	2014
Essex Birdwatching Society	<i>Falco tinnunculus</i>	bird	Common Kestrel	Bern Convention: Appendix 2, Convention on Migratory Species: Appendix 2, EC Cites: Annex A	Tiptree	TL8915	1	2014
Essex Birdwatching Society	<i>Falco tinnunculus</i>	bird	Common Kestrel	Bern Convention: Appendix 2, Convention on Migratory Species: Appendix 2, EC Cites: Annex A	Kelvedon	TL8618	1	2015
Essex Birdwatching Society	<i>Falco tinnunculus</i>	bird	Common Kestrel	Bern Convention: Appendix 2, Convention on Migratory Species: Appendix 2, EC Cites: Annex A	Kelvedon Station	TL8619	1	2017
Essex Birdwatching Society	<i>Falco tinnunculus</i>	bird	Common Kestrel	Bern Convention: Appendix 2, Convention on Migratory Species: Appendix 2, EC Cites: Annex A	Messing, Feering Road	TL8818	1	2017

Essex Birdwatching Society	<i>Falco tinnunculus</i>	bird	Common Kestrel	Bern Convention: Appendix 2, Convention on Migratory Species: Appendix 2, EC Cites: Annex A	Perrywoods, Tiptree	TL8817	1	2015
Essex Birdwatching Society	<i>Falco tinnunculus</i>	bird	Common Kestrel	Bern Convention: Appendix 2, Convention on Migratory Species: Appendix 2, EC Cites: Annex A	Feering Village	TL8719	2	2017
Essex Birdwatching Society	<i>Falco tinnunculus</i>	bird	Common Kestrel	Bern Convention: Appendix 2, Convention on Migratory Species: Appendix 2, EC Cites: Annex A	Kelvedon - Home & Brockwell	TL8618	1	2015
Essex Birdwatching Society	<i>Falco tinnunculus</i>	bird	Common Kestrel	Bern Convention: Appendix 2, Convention on Migratory Species: Appendix 2, EC Cites: Annex A	Messing Road, Tiptree	TL8917	1	2015
Essex Birdwatching Society	<i>Falco tinnunculus</i>	bird	Common Kestrel	Bern Convention: Appendix 2, Convention on Migratory Species: Appendix 2, EC Cites: Annex A	Over A12 NW of Kelvedon	TL8720	1	2014
Essex Birdwatching Society	<i>Gallinula chloropus</i>	bird	Common Moorhen	Birds Directive: Annex 2.2, Convention on Migratory Species: AEW Annex II, Convention on Migratory Species: Appendix 2	Kelvedon - Home & Brockwell	TL8618	6	2015
Essex Birdwatching Society	<i>Gallinula chloropus</i>	bird	Common Moorhen	Birds Directive: Annex 2.2, Convention on Migratory Species: AEW Annex II, Convention on Migratory Species: Appendix 2	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	22	2017
Essex Birdwatching Society	<i>Garrulus glandarius</i>	bird	Eurasian Jay	Birds Directive: Annex 2.2	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	10	2017
Essex Birdwatching Society	<i>Garrulus glandarius</i>	bird	Eurasian Jay	Birds Directive: Annex 2.2	Kelvedon - Home & Brockwell	TL8618	2	2015
Essex Birdwatching Society	<i>Garrulus glandarius</i>	bird	Eurasian Jay	Birds Directive: Annex 2.2	Tiptree	TL8916	1	2017
Essex Birdwatching Society	<i>Hirundo rustica</i>	bird	Barn Swallow	Bern Convention: Appendix 2	Kelvedon - Home & Brockwell	TL8618	2	2015
Essex Birdwatching Society	<i>Hirundo rustica</i>	bird	Barn Swallow	Bern Convention: Appendix 2	Perrywoods, Tiptree	TL8817	1	2015
Essex Birdwatching Society	<i>Hirundo rustica</i>	bird	Barn Swallow	Bern Convention: Appendix 2	Feering Village	TL8719	1	2017
Essex Field Club	<i>Hirundo rustica</i>	bird	Barn Swallow	Bern Convention: Appendix 2	Messing CO5 9TU (garden)	TL897190	1	2014

Essex Birdwatching Society	<i>Hirundo rustica</i>	bird	Barn Swallow	Bern Convention: Appendix 2	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	6	2017
Essex Birdwatching Society	<i>Hirundo rustica</i>	bird	Barn Swallow	Bern Convention: Appendix 2	Kelvedon - Station	TL8619	1	2014
Essex Birdwatching Society	<i>Hirundo rustica</i>	bird	Barn Swallow	Bern Convention: Appendix 2	Tiptree	TL8916	2	2017
Essex Field Club	<i>Hyacinthoides non-scripta</i>	flowering plant	Bluebell	Wildlife and Countryside Act 1981: Schedule 8		TL8615	1	1988
Essex Field Club	<i>Hyacinthoides non-scripta</i>	flowering plant	Bluebell	Wildlife and Countryside Act 1981: Schedule 8		TL8618	1	1984
Essex Field Club	<i>Hyacinthoides non-scripta</i>	flowering plant	Bluebell	Wildlife and Countryside Act 1981: Schedule 8		TL8719	1	1989
Essex Field Club	<i>Hyacinthoides non-scripta</i>	flowering plant	Bluebell	Wildlife and Countryside Act 1981: Schedule 8	Coneyfield Wood	TL8917	2	2016
Essex Field Club	<i>Hyacinthoides non-scripta</i>	flowering plant	Bluebell	Wildlife and Countryside Act 1981: Schedule 8		TL8917	1	1988
Essex Field Club	<i>Hyacinthoides non-scripta</i>	flowering plant	Bluebell	Wildlife and Countryside Act 1981: Schedule 8	Inworth Wood	TL883180	1	1997
Essex Field Club	<i>Hyacinthoides non-scripta</i>	flowering plant	Bluebell	Wildlife and Countryside Act 1981: Schedule 8		TL9015	1	1987
Essex Field Club	<i>Hyacinthoides non-scripta</i>	flowering plant	Bluebell	Wildlife and Countryside Act 1981: Schedule 8	Tiptree gravel pit, Inworth Grange	TL8815	1	1999
Essex Field Club	<i>Hyacinthoides non-scripta</i>	flowering plant	Bluebell	Wildlife and Countryside Act 1981: Schedule 8		TL9018	1	1985
Essex Field Club	<i>Hyacinthoides non-scripta</i>	flowering plant	Bluebell	Wildlife and Countryside Act 1981: Schedule 8		TL8617	1	1989
Essex Field Club	<i>Hyacinthoides non-scripta</i>	flowering plant	Bluebell	Wildlife and Countryside Act 1981: Schedule 8		TL8716	1	1986
Essex Field Club	<i>Hyacinthoides non-scripta</i>	flowering plant	Bluebell	Wildlife and Countryside Act 1981: Schedule 8		TL8915	1	1989
Essex Field Club	<i>Hyacinthoides non-scripta</i>	flowering plant	Bluebell	Wildlife and Countryside Act 1981: Schedule 8	Inworth Wood	TL883179	1	1997
Essex Field Club	<i>Hyacinthoides non-scripta</i>	flowering plant	Bluebell	Wildlife and Countryside Act 1981: Schedule 8		TL8919	1	1987
Essex Field Club	<i>Hyacinthoides non-scripta</i>	flowering plant	Bluebell	Wildlife and Countryside Act 1981: Schedule 8	Pods Wood	TL9017	2	2003
Essex Field Club	<i>Hyacinthoides non-scripta</i>	flowering plant	Bluebell	Wildlife and Countryside Act 1981: Schedule 8		TL9017	1	1989
Essex Field Club	<i>Hyacinthoides non-scripta</i>	flowering plant	Bluebell	Wildlife and Countryside Act 1981: Schedule 8		TL8616	1	1989

Essex Field Club	<i>Hyacinthoides non-scripta</i>	flowering plant	Bluebell	Wildlife and Countryside Act 1981: Schedule 8	TL8715	TL8715	1	1988
Essex Field Club	<i>Hyacinthoides non-scripta</i>	flowering plant	Bluebell	Wildlife and Countryside Act 1981: Schedule 8	TL8815	TL8815	1	1988
Essex Field Club	<i>Hyacinthoides non-scripta</i>	flowering plant	Bluebell	Wildlife and Countryside Act 1981: Schedule 8	Coneyfield Wood	TL8918	2	2016
Essex Field Club	<i>Hyacinthoides non-scripta</i>	flowering plant	Bluebell	Wildlife and Countryside Act 1981: Schedule 8	TL8918	TL8918	1	1984
Essex Field Club	<i>Hyacinthoides non-scripta</i>	flowering plant	Bluebell	Wildlife and Countryside Act 1981: Schedule 8	Pods Wood	TL8917	2	1997
Essex Field Club	<i>Hyacinthoides non-scripta</i>	flowering plant	Bluebell	Wildlife and Countryside Act 1981: Schedule 8	TL9016	TL9016	1	1986
Essex Birdwatching Society	<i>Larus argentatus</i>	bird	Herring Gull	Birds Directive: Annex 2.2, Convention on Migratory Species: AEW Annex II	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	4	2017
Essex Birdwatching Society	<i>Larus argentatus</i>	bird	Herring Gull	Birds Directive: Annex 2.2, Convention on Migratory Species: AEW Annex II	Kelvedon - Home & Brockwell	TL8618	1	2014
Essex Birdwatching Society	<i>Larus fuscus</i>	bird	Lesser Black-backed Gull	Birds Directive: Annex 2.2, Convention on Migratory Species: AEW Annex II	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	1	2017
Essex Birdwatching Society	<i>Larus fuscus</i>	bird	Lesser Black-backed Gull	Birds Directive: Annex 2.2, Convention on Migratory Species: AEW Annex II	Perrywoods, Tiptree	TL8817	1	2015
Essex Birdwatching Society	<i>Linaria cannabina</i>			Bern Convention: Appendix 2	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	3	2017
Essex Field Club	<i>Lissotriton helveticus</i>			Bern Convention: Appendix 3, Wildlife and Countryside Act 1981: Schedule 5 Section 9.5a	Pods Wood	TL9018	1	2002
Essex Field Club	<i>Lissotriton helveticus</i>			Bern Convention: Appendix 3, Wildlife and Countryside Act 1981: Schedule 5 Section 9.5a	Coneyfield Wood, Tiptree	TL897183	1	2001



Essex Field Club	<i>Lutra lutra</i>	terrestrial mammal	Otter	Bern Convention: Appendix 2, EC Cites: Annex A, Global Red list status: Near Threatened, Habitats Directive: Annex 2 - non-priority species, Habitats Directive: Annex 4, The Conservation (Nature Habitats, etc.) Regulations (NI) 1995: Schedule 2, The Conservation of Habitats and Species Regulations 2010: Schedule 2, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4b, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4c, Wildlife and Countryside Act 1981: Schedule 5 Section 9.5a	TL863194	TL863194	2	2016
Essex Field Club	<i>Lutra lutra</i>	terrestrial mammal	Otter	Bern Convention: Appendix 2, EC Cites: Annex A, Global Red list status: Near Threatened, Habitats Directive: Annex 2 - non-priority species, Habitats Directive: Annex 4, The Conservation (Nature Habitats, etc.) Regulations (NI) 1995: Schedule 2, The Conservation of Habitats and Species Regulations 2010: Schedule 2, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4b, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4c, Wildlife and Countryside Act 1981: Schedule 5 Section 9.5a	TL860180	TL860180	6	1998
Essex Field Club	<i>Lutra lutra</i>	terrestrial mammal	Otter	Bern Convention: Appendix 2, EC Cites: Annex A, Global Red list status: Near Threatened, Habitats Directive: Annex 2 - non-priority species, Habitats Directive: Annex 4, The Conservation (Nature Habitats, etc.) Regulations (NI) 1995: Schedule 2, The Conservation of Habitats and Species Regulations 2010: Schedule 2, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4b, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4c, Wildlife and Countryside Act 1981: Schedule 5 Section 9.5a	TL906153	TL906153	3	1998

Essex Field Club	<i>Lutra lutra</i>	terrestrial mammal	Otter	Bern Convention: Appendix 2, EC Cites: Annex A, Global Red list status: Near Threatened, Habitats Directive: Annex 2 - non-priority species, Habitats Directive: Annex 4, The Conservation (Nature Habitats, etc.) Regulations (NI) 1995: Schedule 2, The Conservation of Habitats and Species Regulations 2010: Schedule 2, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4b, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4c, Wildlife and Countryside Act 1981: Schedule 5 Section 9.5a	TL865193	TL865193	7	1998
Essex Field Club	<i>Meles meles</i>	terrestrial mammal	Badger	Bern Convention: Appendix 3, Protection of Badgers Act: Protection of Badgers Act (1992)	TL903182	TL903182	5	2011
Essex Field Club	<i>Meles meles</i>	terrestrial mammal	Badger	Bern Convention: Appendix 3, Protection of Badgers Act: Protection of Badgers Act (1992)	TL908184	TL908184	4	1999
Essex Field Club	<i>Meles meles</i>	terrestrial mammal	Badger	Bern Convention: Appendix 3, Protection of Badgers Act: Protection of Badgers Act (1992)	TL876153	TL876153	4	2003
Essex Field Club	<i>Meles meles</i>	terrestrial mammal	Badger	Bern Convention: Appendix 3, Protection of Badgers Act: Protection of Badgers Act (1992)	TL878186	TL878186	6	2006
Essex Field Club	<i>Meles meles</i>	terrestrial mammal	Badger	Bern Convention: Appendix 3, Protection of Badgers Act: Protection of Badgers Act (1992)	TL899180	TL899180	4	2004
Essex Field Club	<i>Meles meles</i>	terrestrial mammal	Badger	Bern Convention: Appendix 3, Protection of Badgers Act: Protection of Badgers Act (1992)	TL908182	TL908182	4	2011
Essex Field Club	<i>Meles meles</i>	terrestrial mammal	Badger	Bern Convention: Appendix 3, Protection of Badgers Act: Protection of Badgers Act (1992)	TL875190	TL875190	6	1998
Essex Field Club	<i>Meles meles</i>	terrestrial mammal	Badger	Bern Convention: Appendix 3, Protection of Badgers Act: Protection of Badgers Act (1992)	TL877191	TL877191	6	1999
Essex Field Club	<i>Meles meles</i>	terrestrial mammal	Badger	Bern Convention: Appendix 3, Protection of Badgers Act: Protection of Badgers Act (1992)	TL898177	TL898177	5	2009

Essex Field Club	<i>Meles meles</i>	terrestrial mammal	Badger	Bern Convention: Appendix 3, Protection of Badgers Act: Protection of Badgers Act (1992)	TL907187	TL907187	8	2013
Essex Field Club	<i>Meles meles</i>	terrestrial mammal	Badger	Bern Convention: Appendix 3, Protection of Badgers Act: Protection of Badgers Act (1992)	TL909183	TL909183	4	1999
Essex Field Club	<i>Meles meles</i>	terrestrial mammal	Badger	Bern Convention: Appendix 3, Protection of Badgers Act: Protection of Badgers Act (1992)	TL865179	TL865179	6	2012
Essex Field Club	<i>Meles meles</i>	terrestrial mammal	Badger	Bern Convention: Appendix 3, Protection of Badgers Act: Protection of Badgers Act (1992)	TL877150	TL877150	4	2009
Essex Field Club	<i>Meles meles</i>	terrestrial mammal	Badger	Bern Convention: Appendix 3, Protection of Badgers Act: Protection of Badgers Act (1992)	TL880180	TL880180	4	1996
Essex Birdwatching Society	<i>Mergus merganser</i>	bird	Common Merganser	Birds Directive: Annex 2.2, Convention on Migratory Species: AEW Annex II, Convention on Migratory Species: Appendix 2	Ewell Bridge	TL8618	1	2013
Essex Birdwatching Society	<i>Milvus milvus</i>	bird	Red Kite	Birds Directive: Annex 1, Convention on Migratory Species: Appendix 2, EC Cites: Annex A, Global Red list status: Near Threatened, Wildlife and Countryside Act 1981: Schedule 1 - Part 1	Messing	TL8918	1	2014
Essex Field Club	<i>Milvus milvus</i>	bird	Red Kite	Birds Directive: Annex 1, Convention on Migratory Species: Appendix 2, EC Cites: Annex A, Global Red list status: Near Threatened, Wildlife and Countryside Act 1981: Schedule 1 - Part 1	Messing CO5 9TU	TL897190	1	2014
Essex Birdwatching Society	<i>Milvus milvus</i>	bird	Red Kite	Birds Directive: Annex 1, Convention on Migratory Species: Appendix 2, EC Cites: Annex A, Global Red list status: Near Threatened, Wildlife and Countryside Act 1981: Schedule 1 - Part 1	Layer Wood	TL9118	1	2013
Essex Birdwatching Society	<i>Milvus milvus</i>	bird	Red Kite	Birds Directive: Annex 1, Convention on Migratory Species: Appendix 2, EC Cites: Annex A, Global Red list status: Near Threatened, Wildlife and Countryside Act 1981: Schedule 1 - Part 1	TL9020	TL9020	1	2014

Essex Birdwatching Society	<i>Milvus milvus</i>	bird	Red Kite	Birds Directive: Annex 1, Convention on Migratory Species: Appendix 2, EC Cites: Annex A, Global Red list status: Near Threatened, Wildlife and Countryside Act 1981: Schedule 1 - Part 1	Kelvedon	TL8618	4	2015
Essex Birdwatching Society	<i>Milvus milvus</i>	bird	Red Kite	Birds Directive: Annex 1, Convention on Migratory Species: Appendix 2, EC Cites: Annex A, Global Red list status: Near Threatened, Wildlife and Countryside Act 1981: Schedule 1 - Part 1	Tiptree	TL8916	3	2017
Essex Field Club	<i>Milvus milvus</i>	bird	Red Kite	Birds Directive: Annex 1, Convention on Migratory Species: Appendix 2, EC Cites: Annex A, Global Red list status: Near Threatened, Wildlife and Countryside Act 1981: Schedule 1 - Part 1	Messing CO5 9TU (garden)	TL897190	1	2014
Essex Birdwatching Society	<i>Motacilla alba</i>	bird	Pied Wagtail	Bern Convention: Appendix 2	Feering Village	TL8719	1	2017
Essex Birdwatching Society	<i>Motacilla alba</i>	bird	Pied Wagtail	Bern Convention: Appendix 2	Kelvedon - Home & Brockwell	TL8618	6	2015
Essex Birdwatching Society	<i>Motacilla alba</i>	bird	Pied Wagtail	Bern Convention: Appendix 2	Kelvedon - Brockwell	TL8618	3	2013
Essex Birdwatching Society	<i>Motacilla alba</i>	bird	Pied Wagtail	Bern Convention: Appendix 2	Kelvedon	TL8618	1	2015
Essex Birdwatching Society	<i>Motacilla alba</i>	bird	Pied Wagtail	Bern Convention: Appendix 2	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	9	2017
Essex Birdwatching Society	<i>Motacilla cinerea</i>	bird	Grey Wagtail	Bern Convention: Appendix 2	Kelvedon, Station	TL8619	1	2017
Essex Birdwatching Society	<i>Motacilla cinerea</i>	bird	Grey Wagtail	Bern Convention: Appendix 2	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	6	2017
Essex Birdwatching Society	<i>Motacilla cinerea</i>	bird	Grey Wagtail	Bern Convention: Appendix 2	Kelvedon - Home & Brockwell	TL8618	1	2015

Essex Field Club	<i>Muntiacus reevesi</i>	terrestrial mammal	Chinese Muntjac	Bern Convention: Appendix 3	TL871184	TL871184	6	2013
Essex Field Club	<i>Muntiacus reevesi</i>	terrestrial mammal	Chinese Muntjac	Bern Convention: Appendix 3	TL870183	TL870183	6	2001
Essex Field Club	<i>Muntiacus reevesi</i>	terrestrial mammal	Chinese Muntjac	Bern Convention: Appendix 3	TL890150	TL890150	4	2001
Essex Field Club	<i>Muntiacus reevesi</i>	terrestrial mammal	Chinese Muntjac	Bern Convention: Appendix 3	TL869152	TL869152	5	2003
Essex Field Club	<i>Muntiacus reevesi</i>	terrestrial mammal	Chinese Muntjac	Bern Convention: Appendix 3	TL883173	TL883173	4	2003
Essex Field Club	<i>Muscardinus avellanarius</i>	terrestrial mammal	Hazel Dormouse	Bern Convention: Appendix 3, Habitats Directive: Annex 4, The Conservation of Habitats and Species Regulations 2010: Schedule 2, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4b, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4c, Wildlife and Countryside Act 1981: Schedule 5 Section 9.5a	TL872165	TL872165	5	2010
Essex Field Club	<i>Muscardinus avellanarius</i>	terrestrial mammal	Hazel Dormouse	Bern Convention: Appendix 3, Habitats Directive: Annex 4, The Conservation of Habitats and Species Regulations 2010: Schedule 2, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4b, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4c, Wildlife and Countryside Act 1981: Schedule 5 Section 9.5a	TL903181	TL903181	5	2011
Essex Field Club	<i>Muscardinus avellanarius</i>	terrestrial mammal	Hazel Dormouse	Bern Convention: Appendix 3, Habitats Directive: Annex 4, The Conservation of Habitats and Species Regulations 2010: Schedule 2, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4b, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4c, Wildlife and Countryside Act 1981: Schedule 5 Section 9.5a	TL901179	TL901179	5	2011
Essex Birdwatching Society	<i>Muscicapa striata</i>	bird	Spotted Flycatcher	Bern Convention: Appendix 2, Convention on Migratory Species: Appendix 2	Kelvedon	TL8618	1	2015
Essex Field Club	<i>Mustela erminea</i>	terrestrial mammal	Stoat	Bern Convention: Appendix 3	TL898178	TL898178	5	1995

Essex Field Club	<i>Mustela erminea</i>	terrestrial mammal	Stoat	Bern Convention: Appendix 3	TL898175	TL898175	5	1995
Essex Field Club	<i>Mustela erminea</i>	terrestrial mammal	Stoat	Bern Convention: Appendix 3	TL883167	TL883167	5	1995
Essex Field Club	<i>Mustela nivalis</i>	terrestrial mammal	Weasel	Bern Convention: Appendix 3	TL904183	TL904183	4	1996
Essex Field Club	<i>Mustela nivalis</i>	terrestrial mammal	Weasel	Bern Convention: Appendix 3	TL881158	TL881158	4	2001
Essex Field Club	<i>Mustela nivalis</i>	terrestrial mammal	Weasel	Bern Convention: Appendix 3	TL879165	TL879165	5	1996
Essex Field Club	<i>Mustela putorius</i>	Terrestrial mammal	Western Polecat	Bern Convention: Appendix 3, Habitats Directive: Annex 5, The Conservation of Habitats and Species Regulations 2010: Schedule 4	TL877193	TL877193	2	2017
EFC/EARG	<i>Natrix natrix</i>	reptile	Grass Snake	Bern Convention: Appendix 3	Messing CO5 9TU (garden)	TL897190	1	2014
EFC/EARG	<i>Natrix natrix</i>	reptile	Grass Snake	Bern Convention: Appendix 3	Kelvedon	TL862195	5	2017
Essex Field Club	<i>Neomys fodiens</i>	terrestrial mammal	Water Shrew	Bern Convention: Appendix 3	TL891171	TL891171	5	1972
Essex Field Club	<i>Nyctalus noctula</i>	terrestrial mammal	Noctule Bat	Bern Convention: Appendix 2, Convention on Migratory Species: Appendix 2, Convention on Migratory Species: EUROBATS Annex I, Habitats Directive: Annex 4, The Conservation (Nature Habitats, etc.) Regulations (NI) 1995: Schedule 2, The Conservation of Habitats and Species Regulations 2010: Schedule 2, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4b, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4c, Wildlife and Countryside Act 1981: Schedule 5 Section 9.5a	TL862181	TL862181	6	1986
Essex Field Club	<i>Ophrys apifera</i>	flowering plant	Bee Orchid	EC Cites: Annex B	Tiptree, Gravel Pits	TL8815	1	2015
Essex Field Club	<i>Ophrys apifera</i>	flowering plant	Bee Orchid	EC Cites: Annex B	TL8719	TL8719	1	1989
Essex Field Club	<i>Ophrys apifera</i>	flowering plant	Bee Orchid	EC Cites: Annex B	Tiptree, Colemans Reservoir	TL8815	1	1995
Essex Field Club	<i>Ophrys apifera</i>	flowering plant	Bee Orchid	EC Cites: Annex B	TL8617	TL861177	1	2002

Essex Field Club	<i>Ophrys apifera</i>	flowering plant	Bee Orchid	EC Cites: Annex B	Tiptree gravel pit, Inworth Grange	TL887159	1	1991
Essex Field Club	<i>Ophrys apifera</i>	flowering plant	Bee Orchid	EC Cites: Annex B	Tiptree, Sand and Gravel Quarry	TL8816	1	2015
Essex Field Club	<i>Ophrys apifera</i>	flowering plant	Bee Orchid	EC Cites: Annex B	TL9018	TL9018	1	1984
Essex Birdwatching Society	<i>Parus major</i>	bird	Great Tit	Bern Convention: Appendix 2	Kelvedon - Home & Brockwell	TL8618	5	2015
Essex Birdwatching Society	<i>Parus major</i>	bird	Great Tit	Bern Convention: Appendix 2	Feering Village	TL8719	2	2017
Essex Birdwatching Society	<i>Parus major</i>	bird	Great Tit	Bern Convention: Appendix 2	Perrywoods, Tiptree	TL8817	1	2015
Essex Birdwatching Society	<i>Parus major</i>	bird	Great Tit	Bern Convention: Appendix 2	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	17	2017
Essex Birdwatching Society	<i>Periparus ater</i>	bird	Coal Tit	Bern Convention: Appendix 2	Mobile-TL9115	TL9115	1	2013
Essex Birdwatching Society	<i>Periparus ater</i>	bird	Coal Tit	Bern Convention: Appendix 2	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	3	2017
Essex Birdwatching Society	<i>Phalacrocorax carbo</i>	bird	Great Cormorant	Convention on Migratory Species: AEWa Annex II	Kelvedon - Brockwell	TL8618	1	2013
Essex Birdwatching Society	<i>Phalacrocorax carbo</i>	bird	Great Cormorant	Convention on Migratory Species: AEWa Annex II	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	5	2017
Essex Birdwatching Society	<i>Phalacrocorax carbo</i>	bird	Great Cormorant	Convention on Migratory Species: AEWa Annex II	Kelvedon - Home & Brockwell	TL8618	2	2015
Essex Birdwatching Society	<i>Phasianus colchicus</i>	bird	Common Pheasant	Birds Directive: Annex 2.1	Kelvedon - Brockwell	TL8618	2	2013
Essex Birdwatching Society	<i>Phasianus colchicus</i>	bird	Common Pheasant	Birds Directive: Annex 2.1	Feering Village	TL8719	1	2017
Essex Birdwatching Society	<i>Phasianus colchicus</i>	bird	Common Pheasant	Birds Directive: Annex 2.1	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	20	2017

Essex Birdwatching Society	<i>Phasianus colchicus</i>	bird	Common Pheasant	Birds Directive: Annex 2.1	Kelvedon - Home & Brockwell	TL8618	3	2015
Essex Birdwatching Society	<i>Pica pica</i>	bird	Eurasian Magpie	Birds Directive: Annex 2.2	Feering Village	TL8719	3	2017
Essex Birdwatching Society	<i>Pica pica</i>	bird	Eurasian Magpie	Birds Directive: Annex 2.2	Kelvedon - Station	TL8619	1	2014
Essex Birdwatching Society	<i>Pica pica</i>	bird	Eurasian Magpie	Birds Directive: Annex 2.2	Perrywoods, Tiptree	TL8817	1	2015
Essex Birdwatching Society	<i>Pica pica</i>	bird	Eurasian Magpie	Birds Directive: Annex 2.2	Kelvedon - Home & Brockwell	TL8618	6	2015
Essex Birdwatching Society	<i>Pica pica</i>	bird	Eurasian Magpie	Birds Directive: Annex 2.2	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	30	2017
Essex Birdwatching Society	<i>Pica pica</i>	bird	Eurasian Magpie	Birds Directive: Annex 2.2	Kelvedon - Brockwell	TL8618	1	2013
Essex Birdwatching Society	<i>Pica pica</i>	bird	Eurasian Magpie	Birds Directive: Annex 2.2	Kelvedon Station	TL8619	1	2017
Essex Birdwatching Society	<i>Picus viridis</i>	bird	European Green Woodpecker	Bern Convention: Appendix 2	Kelvedon - Brockwell	TL8618	2	2013
Essex Birdwatching Society	<i>Picus viridis</i>	bird	European Green Woodpecker	Bern Convention: Appendix 2	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	12	2017
Essex Birdwatching Society	<i>Picus viridis</i>	bird	European Green Woodpecker	Bern Convention: Appendix 2	Kelvedon	TL8618	1	2015
Essex Birdwatching Society	<i>Picus viridis</i>	bird	European Green Woodpecker	Bern Convention: Appendix 2	Kelvedon - Station	TL8619	2	2015
Essex Birdwatching Society	<i>Picus viridis</i>	bird	European Green Woodpecker	Bern Convention: Appendix 2	Feering Village	TL8719	2	2017
Essex Birdwatching Society	<i>Picus viridis</i>	bird	European Green Woodpecker	Bern Convention: Appendix 2	Kelvedon - Home & Brockwell	TL8618	3	2015



Essex Field Club	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Common Pipistrelle	Bern Convention: Appendix 2, Bern Convention: Appendix 3, Convention on Migratory Species: Appendix 2, Convention on Migratory Species: Appendix 2, Convention on Migratory Species: EUROBATS Annex I, Convention on Migratory Species: EUROBATS Annex I, Habitats Directive: Annex 4, Habitats Directive: Annex 4, The Conservation (Nature Habitats, etc.) Regulations (NI) 1995: Schedule 2, The Conservation (Nature Habitats, etc.) Regulations (NI) 1995: Schedule 2, The Conservation of Habitats and Species Regulations 2010: Schedule 2, The Conservation of Habitats and Species Regulations 2010: Schedule 2, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4b, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4b, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4c, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4c, Wildlife and Countryside Act 1981: Schedule 5 Section 9.5a, Wildlife and Countryside Act 1981: Schedule 5 Section 9.5a	TL876152	TL876152	4	2010
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Essex Field Club	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Common Pipistrelle	Bern Convention: Appendix 2, Bern Convention: Appendix 3, Convention on Migratory Species: Appendix 2, Convention on Migratory Species: Appendix 2, Convention on Migratory Species: EUROBATS Annex I, Convention on Migratory Species: EUROBATS Annex I, Habitats Directive: Annex 4, Habitats Directive: Annex 4, The Conservation (Nature Habitats, etc.) Regulations (NI) 1995: Schedule 2, The Conservation (Nature Habitats, etc.) Regulations (NI) 1995: Schedule 2, The Conservation of Habitats and Species Regulations 2010: Schedule 2, The Conservation of Habitats and Species Regulations 2010: Schedule 2, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4b, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4b, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4c, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4c, Wildlife and Countryside Act 1981: Schedule 5 Section 9.5a, Wildlife and Countryside Act 1981: Schedule 5 Section 9.5a	TL882152	TL882152	4	2010
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Essex Bat Group	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Common Pipistrelle	Bern Convention: Appendix 2, Bern Convention: Appendix 3, Convention on Migratory Species: Appendix 2, Convention on Migratory Species: Appendix 2, Convention on Migratory Species: EUROBATS Annex I, Convention on Migratory Species: EUROBATS Annex I, Habitats Directive: Annex 4, Habitats Directive: Annex 4, The Conservation (Nature Habitats, etc.) Regulations (NI) 1995: Schedule 2, The Conservation (Nature Habitats, etc.) Regulations (NI) 1995: Schedule 2, The Conservation of Habitats and Species Regulations 2010: Schedule 2, The Conservation of Habitats and Species Regulations 2010: Schedule 2, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4b, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4b, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4c, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4c, Wildlife and Countryside Act 1981: Schedule 5 Section 9.5a, Wildlife and Countryside Act 1981: Schedule 5 Section 9.5a	Olley walk, Tiptree CO5 0FG	TL903165	1	2015
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Essex Field Club	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Common Pipistrelle	Bern Convention: Appendix 2, Bern Convention: Appendix 3, Convention on Migratory Species: Appendix 2, Convention on Migratory Species: Appendix 2, Convention on Migratory Species: EUROBATS Annex I, Convention on Migratory Species: EUROBATS Annex I, Habitats Directive: Annex 4, Habitats Directive: Annex 4, The Conservation (Nature Habitats, etc.) Regulations (NI) 1995: Schedule 2, The Conservation (Nature Habitats, etc.) Regulations (NI) 1995: Schedule 2, The Conservation of Habitats and Species Regulations 2010: Schedule 2, The Conservation of Habitats and Species Regulations 2010: Schedule 2, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4b, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4b, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4c, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4c, Wildlife and Countryside Act 1981: Schedule 5 Section 9.5a, Wildlife and Countryside Act 1981: Schedule 5 Section 9.5a	TL860181	TL860181	6	2010
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Essex Field Club	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Common Pipistrelle	Bern Convention: Appendix 2, Bern Convention: Appendix 3, Convention on Migratory Species: Appendix 2, Convention on Migratory Species: Appendix 2, Convention on Migratory Species: EUROBATS Annex I, Convention on Migratory Species: EUROBATS Annex I, Habitats Directive: Annex 4, Habitats Directive: Annex 4, The Conservation (Nature Habitats, etc.) Regulations (NI) 1995: Schedule 2, The Conservation (Nature Habitats, etc.) Regulations (NI) 1995: Schedule 2, The Conservation of Habitats and Species Regulations 2010: Schedule 2, The Conservation of Habitats and Species Regulations 2010: Schedule 2, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4b, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4b, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4c, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4c, Wildlife and Countryside Act 1981: Schedule 5 Section 9.5a, Wildlife and Countryside Act 1981: Schedule 5 Section 9.5a	TL880170	TL880170	4	2010
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Essex Field Club	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Common Pipistrelle	Bern Convention: Appendix 2, Bern Convention: Appendix 3, Convention on Migratory Species: Appendix 2, Convention on Migratory Species: Appendix 2, Convention on Migratory Species: EUROBATS Annex I, Convention on Migratory Species: EUROBATS Annex I, Habitats Directive: Annex 4, Habitats Directive: Annex 4, The Conservation (Nature Habitats, etc.) Regulations (NI) 1995: Schedule 2, The Conservation (Nature Habitats, etc.) Regulations (NI) 1995: Schedule 2, The Conservation of Habitats and Species Regulations 2010: Schedule 2, The Conservation of Habitats and Species Regulations 2010: Schedule 2, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4b, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4b, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4c, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4c, Wildlife and Countryside Act 1981: Schedule 5 Section 9.5a, Wildlife and Countryside Act 1981: Schedule 5 Section 9.5a	TL895179	TL895179	5	2010
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Essex Field Club	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Common Pipistrelle	Bern Convention: Appendix 2, Bern Convention: Appendix 3, Convention on Migratory Species: Appendix 2, Convention on Migratory Species: Appendix 2, Convention on Migratory Species: EUROBATS Annex I, Convention on Migratory Species: EUROBATS Annex I, Habitats Directive: Annex 4, Habitats Directive: Annex 4, The Conservation (Nature Habitats, etc.) Regulations (NI) 1995: Schedule 2, The Conservation (Nature Habitats, etc.) Regulations (NI) 1995: Schedule 2, The Conservation of Habitats and Species Regulations 2010: Schedule 2, The Conservation of Habitats and Species Regulations 2010: Schedule 2, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4b, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4b, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4c, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4c, Wildlife and Countryside Act 1981: Schedule 5 Section 9.5a, Wildlife and Countryside Act 1981: Schedule 5 Section 9.5a	TL876169	TL876169	5	2010
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Essex Field Club	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Common Pipistrelle	Bern Convention: Appendix 2, Bern Convention: Appendix 3, Convention on Migratory Species: Appendix 2, Convention on Migratory Species: Appendix 2, Convention on Migratory Species: EUROBATS Annex I, Convention on Migratory Species: EUROBATS Annex I, Habitats Directive: Annex 4, Habitats Directive: Annex 4, The Conservation (Nature Habitats, etc.) Regulations (NI) 1995: Schedule 2, The Conservation (Nature Habitats, etc.) Regulations (NI) 1995: Schedule 2, The Conservation of Habitats and Species Regulations 2010: Schedule 2, The Conservation of Habitats and Species Regulations 2010: Schedule 2, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4b, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4b, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4c, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4c, Wildlife and Countryside Act 1981: Schedule 5 Section 9.5a, Wildlife and Countryside Act 1981: Schedule 5 Section 9.5a	TL888187	TL888187	4	2010
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Essex Bat Group	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Common Pipistrelle	Bern Convention: Appendix 2, Bern Convention: Appendix 3, Convention on Migratory Species: Appendix 2, Convention on Migratory Species: Appendix 2, Convention on Migratory Species: EUROBATS Annex I, Convention on Migratory Species: EUROBATS Annex I, Habitats Directive: Annex 4, Habitats Directive: Annex 4, The Conservation (Nature Habitats, etc.) Regulations (NI) 1995: Schedule 2, The Conservation (Nature Habitats, etc.) Regulations (NI) 1995: Schedule 2, The Conservation of Habitats and Species Regulations 2010: Schedule 2, The Conservation of Habitats and Species Regulations 2010: Schedule 2, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4b, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4b, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4c, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4c, Wildlife and Countryside Act 1981: Schedule 5 Section 9.5a, Wildlife and Countryside Act 1981: Schedule 5 Section 9.5a	Tiptree, 55 Vine Road	TL890165	1	2008
Essex Field Club	<i>Pipistrellus pygmaeus</i>	terrestrial mammal	Soprano Pipistrelle	Bern Convention: Appendix 2, Convention on Migratory Species: Appendix 2, Convention on Migratory Species: EUROBATS Annex I, Habitats Directive: Annex 4, The Conservation (Nature Habitats, etc.) Regulations (NI) 1995: Schedule 2, The Conservation of Habitats and Species Regulations 2010: Schedule 2, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4b, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4c, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4c, Wildlife and Countryside Act 1981: Schedule 5 Section 9.5a	TL860181	TL860181	6	2010

Essex Bat Group	<i>Pipistrellus pygmaeus</i>	terrestrial mammal	Soprano Pipistrelle	Bern Convention: Appendix 2, Convention on Migratory Species: Appendix 2, Convention on Migratory Species: EUROBATS Annex I, Habitats Directive: Annex 4, The Conservation (Nature Habitats, etc.) Regulations (NI) 1995: Schedule 2, The Conservation of Habitats and Species Regulations 2010: Schedule 2, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4b, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4c, Wildlife and Countryside Act 1981: Schedule 5 Section 9.5a	Tiptree	TL890165	1	2008
Essex Field Club	<i>Pipistrellus pygmaeus</i>	terrestrial mammal	Soprano Pipistrelle	Bern Convention: Appendix 2, Convention on Migratory Species: Appendix 2, Convention on Migratory Species: EUROBATS Annex I, Habitats Directive: Annex 4, The Conservation (Nature Habitats, etc.) Regulations (NI) 1995: Schedule 2, The Conservation of Habitats and Species Regulations 2010: Schedule 2, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4b, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4c, Wildlife and Countryside Act 1981: Schedule 5 Section 9.5a	TL894183	TL894183	4	2010
Essex Field Club	<i>Pipistrellus sp.</i>	terrestrial mammal	Pipistrelle species	Convention on Migratory Species: Appendix 2, The Conservation (Nature Habitats, etc.) Regulations (NI) 1995: Schedule 2, The Conservation of Habitats and Species Regulations 2010: Schedule 2, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4b, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4c, Wildlife and Countryside Act 1981: Schedule 5 Section 9.5a, Wildlife and Countryside Act 1981: Schedule 5 Section 9.5b	TL860196	TL860196	5	1985

Essex Field Club	<i>Plecotus auritus</i>	terrestrial mammal	Brown Long-eared Bat	Bern Convention: Appendix 2, Convention on Migratory Species: Appendix 2, Convention on Migratory Species: EUROBATS Annex I, Habitats Directive: Annex 4, The Conservation (Nature Habitats, etc.) Regulations (NI) 1995: Schedule 2, The Conservation of Habitats and Species Regulations 2010: Schedule 2, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4b, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4c, Wildlife and Countryside Act 1981: Schedule 5 Section 9.5a	TL898165	TL898165	5	1987
Essex Bat Group	<i>Plecotus auritus</i>	terrestrial mammal	Brown Long-eared Bat	Bern Convention: Appendix 2, Convention on Migratory Species: Appendix 2, Convention on Migratory Species: EUROBATS Annex I, Habitats Directive: Annex 4, The Conservation (Nature Habitats, etc.) Regulations (NI) 1995: Schedule 2, The Conservation of Habitats and Species Regulations 2010: Schedule 2, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4b, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4c, Wildlife and Countryside Act 1981: Schedule 5 Section 9.5a	Feering	TL883196	1	2011
Essex Field Club	<i>Plecotus auritus</i>	terrestrial mammal	Brown Long-eared Bat	Bern Convention: Appendix 2, Convention on Migratory Species: Appendix 2, Convention on Migratory Species: EUROBATS Annex I, Habitats Directive: Annex 4, The Conservation (Nature Habitats, etc.) Regulations (NI) 1995: Schedule 2, The Conservation of Habitats and Species Regulations 2010: Schedule 2, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4b, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4c, Wildlife and Countryside Act 1981: Schedule 5 Section 9.5a	TL864190	TL864190	6	1987

Essex Bat Group	<i>Plecotus sp.</i>	terrestrial mammal	Long-eared bats	Convention on Migratory Species: Appendix 2, The Conservation (Nature Habitats, etc.) Regulations (NI) 1995: Schedule 2, The Conservation of Habitats and Species Regulations 2010: Schedule 2, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4b, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4c, Wildlife and Countryside Act 1981: Schedule 5 Section 9.5a, Wildlife and Countryside Act 1981: Schedule 5 Section 9.5b	Colchester	TL896189	1	2015
Essex Bat Group	<i>Plecotus sp.</i>	terrestrial mammal	Long-eared bats	Convention on Migratory Species: Appendix 2, The Conservation (Nature Habitats, etc.) Regulations (NI) 1995: Schedule 2, The Conservation of Habitats and Species Regulations 2010: Schedule 2, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4b, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4c, Wildlife and Countryside Act 1981: Schedule 5 Section 9.5a, Wildlife and Countryside Act 1981: Schedule 5 Section 9.5b	CO5 9TR	TL896189	1	2015
Essex Birdwatching Society	<i>Pluvialis apricaria</i>	bird	European Golden Plover	Birds Directive: Annex 1, Birds Directive: Annex 2.2, Convention on Migratory Species: AEWA Annex II, Convention on Migratory Species: Appendix 2	Birch airfield	TL9119	1	2013
Essex Birdwatching Society	<i>Prunella modularis</i>	bird	Dunnock	Bern Convention: Appendix 2	Kelvedon - Home & Brockwell	TL8618	3	2015
Essex Birdwatching Society	<i>Prunella modularis</i>	bird	Dunnock	Bern Convention: Appendix 2	Kelvedon - Brockwell	TL8618	1	2013
Essex Birdwatching Society	<i>Prunella modularis</i>	bird	Dunnock	Bern Convention: Appendix 2	Perrywoods, Tiptree	TL8817	1	2015
Essex Birdwatching Society	<i>Prunella modularis</i>	bird	Dunnock	Bern Convention: Appendix 2	Feering Village	TL8719	1	2017

Essex Birdwatching Society	<i>Prunella modularis</i>	bird	Dunnock	Bern Convention: Appendix 2	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	18	2017
EFC/EARG	<i>Rana temporaria</i>	amphibian	Common Frog	Bern Convention: Appendix 3, Habitats Directive: Annex 5, Wildlife and Countryside Act 1981: Schedule 5 Section 9.5a	Messing CO5 9TU (garden)	TL897190	1	2014
EFC/EARG	<i>Rana temporaria</i>	amphibian	Common Frog	Bern Convention: Appendix 3, Habitats Directive: Annex 5, Wildlife and Countryside Act 1981: Schedule 5 Section 9.5a	Kelvedon	TL860188	1	2005
EFC/EARG	<i>Rana temporaria</i>	amphibian	Common Frog	Bern Convention: Appendix 3, Habitats Directive: Annex 5, Wildlife and Countryside Act 1981: Schedule 5 Section 9.5a	CO5 0BL	TL892156	1	2001
EFC/EARG	<i>Rana temporaria</i>	amphibian	Common Frog	Bern Convention: Appendix 3, Habitats Directive: Annex 5, Wildlife and Countryside Act 1981: Schedule 5 Section 9.5a	Tiptree Heath Primary School	TL889154	1	2001
Essex Birdwatching Society	<i>Regulus regulus</i>	bird	Goldcrest	Bern Convention: Appendix 2	Feering Village	TL8719	1	2017
Essex Birdwatching Society	<i>Regulus regulus</i>	bird	Goldcrest	Bern Convention: Appendix 2	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	2	2017
Essex Field Club	<i>Ruscus aculeatus</i>	flowering plant	Butcher's-broom	Habitats Directive: Annex 5	TL8917	TL8917	1	1988
Essex Field Club	<i>Satyrrium w-album</i>	insect - butterfly	White-letter Hairstreak	Wildlife and Countryside Act 1981: Schedule 5 Section 9.5a	Tiptree Heath	TL8815	1	2007
Essex Field Club	<i>Sciurus vulgaris</i>	terrestrial mammal	Red Squirrel	Bern Convention: Appendix 3, Wildlife and Countryside Act 1981: Schedule 5 Section 9.1, Wildlife and Countryside Act 1981: Schedule 5 Section 9.2, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4.a, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4b, Wildlife and Countryside Act 1981: Schedule 5 Section 9.4c, Wildlife and Countryside Act 1981: Schedule 5 Section 9.5a	TL880150	TL880150	2	1959
Essex Field Club	<i>Sorex minutus</i>	terrestrial mammal	Pygmy Shrew	Bern Convention: Appendix 3	TL902181	TL902181	5	2012

Essex Birdwatching Society	<i>Streptopelia decaocto</i>	bird	Eurasian Collared Dove	Birds Directive: Annex 2.2	Kelvedon - Home & Brockwell	TL8618	8	2015
Essex Birdwatching Society	<i>Streptopelia decaocto</i>	bird	Eurasian Collared Dove	Birds Directive: Annex 2.2	Feering Village	TL8719	2	2017
Essex Birdwatching Society	<i>Streptopelia decaocto</i>	bird	Eurasian Collared Dove	Birds Directive: Annex 2.2	Perrywoods, Tiptree	TL8817	1	2015
Essex Birdwatching Society	<i>Streptopelia decaocto</i>	bird	Eurasian Collared Dove	Birds Directive: Annex 2.2	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	33	2017
Essex Birdwatching Society	<i>Streptopelia turtur</i>	bird	European Turtle Dove	Birds Directive: Annex 2.2, EC Cites: Annex A	Tiptree	TL8916	1	2017
Essex Field Club	<i>Streptopelia turtur</i>	bird	European Turtle Dove	Birds Directive: Annex 2.2, EC Cites: Annex A	Messing CO5 9TU (garden)	TL897190	1	2012
Essex Birdwatching Society	<i>Strix aluco</i>	bird	Tawny Owl	Bern Convention: Appendix 2, EC Cites: Annex A	Kelvedon - Brockwell	TL8618	1	2013
Essex Birdwatching Society	<i>Strix aluco</i>	bird	Tawny Owl	Bern Convention: Appendix 2, EC Cites: Annex A	Messing	TL8918	1	2017
Essex Birdwatching Society	<i>Strix aluco</i>	bird	Tawny Owl	Bern Convention: Appendix 2, EC Cites: Annex A	Kelvedon - Home & Brockwell	TL8618	5	2015
Essex Birdwatching Society	<i>Sturnus vulgaris</i>	bird	Common Starling	Birds Directive: Annex 2.2	Feering Village	TL8719	2	2017
Essex Birdwatching Society	<i>Sturnus vulgaris</i>	bird	Common Starling	Birds Directive: Annex 2.2	Perrywoods, Tiptree	TL8817	1	2015
Essex Birdwatching Society	<i>Sturnus vulgaris</i>	bird	Common Starling	Birds Directive: Annex 2.2	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	32	2017
Essex Birdwatching Society	<i>Sturnus vulgaris</i>	bird	Common Starling	Birds Directive: Annex 2.2	Kelvedon - Home & Brockwell	TL8618	7	2015
Essex Birdwatching Society	<i>Troglodytes troglodytes</i>	bird	Winter Wren	Bern Convention: Appendix 2	Feering Village	TL8719	1	2017

Essex Birdwatching Society	<i>Troglodytes troglodytes</i>	bird	Winter Wren	Bern Convention: Appendix 2	Kelvedon - Station	TL8619	1	2013
Essex Birdwatching Society	<i>Troglodytes troglodytes</i>	bird	Winter Wren	Bern Convention: Appendix 2	Kelvedon - Home & Brockwell	TL8618	6	2015
Essex Birdwatching Society	<i>Troglodytes troglodytes</i>	bird	Winter Wren	Bern Convention: Appendix 2	Perrywoods, Tiptree	TL8817	1	2015
Essex Birdwatching Society	<i>Troglodytes troglodytes</i>	bird	Winter Wren	Bern Convention: Appendix 2	Kelvedon - Brockwell	TL8618	1	2013
Essex Birdwatching Society	<i>Troglodytes troglodytes</i>	bird	Winter Wren	Bern Convention: Appendix 2	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	25	2017
Essex Birdwatching Society	<i>Turdus iliacus</i>	bird	Redwing	Birds Directive: Annex 2.2, Wildlife and Countryside Act 1981: Schedule 1 - Part 1	Kelvedon - Home & Brockwell	TL8618	4	2015
Essex Birdwatching Society	<i>Turdus iliacus</i>	bird	Redwing	Birds Directive: Annex 2.2, Wildlife and Countryside Act 1981: Schedule 1 - Part 1	Kelvedon	TL8618	1	2015
Essex Birdwatching Society	<i>Turdus iliacus</i>	bird	Redwing	Birds Directive: Annex 2.2, Wildlife and Countryside Act 1981: Schedule 1 - Part 1	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	5	2017
Essex Birdwatching Society	<i>Turdus merula</i>	bird	Common Blackbird	Birds Directive: Annex 2.2	Kelvedon - Brockwell	TL8618	1	2013
Essex Birdwatching Society	<i>Turdus merula</i>	bird	Common Blackbird	Birds Directive: Annex 2.2	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	35	2017
Essex Birdwatching Society	<i>Turdus merula</i>	bird	Common Blackbird	Birds Directive: Annex 2.2	Feering Village	TL8719	3	2017
Essex Birdwatching Society	<i>Turdus merula</i>	bird	Common Blackbird	Birds Directive: Annex 2.2	Kelvedon - Station	TL8619	1	2013
Essex Birdwatching Society	<i>Turdus merula</i>	bird	Common Blackbird	Birds Directive: Annex 2.2	Kelvedon - Home & Brockwell	TL8618	8	2015
Essex Birdwatching Society	<i>Turdus merula</i>	bird	Common Blackbird	Birds Directive: Annex 2.2	Perrywoods, Tiptree	TL8817	1	2015

Essex Birdwatching Society	<i>Turdus philomelos</i>	bird	Song Thrush	Birds Directive: Annex 2.2	Kelvedon - Brockwell	TL8618	1	2013
Essex Birdwatching Society	<i>Turdus philomelos</i>	bird	Song Thrush	Birds Directive: Annex 2.2	Feering Village	TL8719	1	2017
Essex Field Club	<i>Turdus philomelos</i>	bird	Song Thrush	Birds Directive: Annex 2.2	Messing CO5 9TU (garden)	TL897190	1	2014
Essex Birdwatching Society	<i>Turdus philomelos</i>	bird	Song Thrush	Birds Directive: Annex 2.2	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	14	2017
Essex Birdwatching Society	<i>Turdus philomelos</i>	bird	Song Thrush	Birds Directive: Annex 2.2	Kelvedon - Home & Brockwell	TL8618	4	2015
Essex Birdwatching Society	<i>Turdus pilaris</i>	bird	Fieldfare	Birds Directive: Annex 2.2, Wildlife and Countryside Act 1981: Schedule 1 - Part 1	Kelvedon	TL8618	1	2015
Essex Birdwatching Society	<i>Turdus pilaris</i>	bird	Fieldfare	Birds Directive: Annex 2.2, Wildlife and Countryside Act 1981: Schedule 1 - Part 1	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	3	2017
Essex Birdwatching Society	<i>Turdus pilaris</i>	bird	Fieldfare	Birds Directive: Annex 2.2, Wildlife and Countryside Act 1981: Schedule 1 - Part 1	Kelvedon - Home & Brockwell	TL8618	1	2015
Essex Birdwatching Society	<i>Turdus viscivorus</i>	bird	Mistle Thrush	Birds Directive: Annex 2.2	Kelvedon - Home & Brockwell	TL8618	1	2015
Essex Birdwatching Society	<i>Turdus viscivorus</i>	bird	Mistle Thrush	Birds Directive: Annex 2.2	Feering Village	TL8719	1	2017
Essex Birdwatching Society	<i>Turdus viscivorus</i>	bird	Mistle Thrush	Birds Directive: Annex 2.2	Mobile-TL9115	TL9115	1	2013
Essex Birdwatching Society	<i>Turdus viscivorus</i>	bird	Mistle Thrush	Birds Directive: Annex 2.2	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	13	2017
Essex Birdwatching Society	<i>Tyto alba</i>	bird	Barn Owl	Bern Convention: Appendix 2, EC Cites: Annex A, Wildlife and Countryside Act 1981: Schedule 1 - Part 1	Tiptree	TL8815	1	2015
Essex Birdwatching Society	<i>Tyto alba</i>	bird	Barn Owl	Bern Convention: Appendix 2, EC Cites: Annex A, Wildlife and Countryside Act 1981: Schedule 1 - Part 1	Tiptree, Pods Wood	TL9017	1	2017



EFC/EARG	<i>Zootoca vivipara</i>	reptile		Bern Convention: Appendix 3, Wildlife and Countryside Act 1981: Schedule 5 Section 9.1, Wildlife and Countryside Act 1981: Schedule 5 Section 9.5a	Watering Farm	TL862195	21	2017
EFC/EARG	<i>Zootoca vivipara</i>	reptile		Bern Convention: Appendix 3, Wildlife and Countryside Act 1981: Schedule 5 Section 9.1, Wildlife and Countryside Act 1981: Schedule 5 Section 9.5a	Kelvedon	TL862195	16	2017

## 21. UK Biodiversity Action Plan Priority Section 41 Species

Biodiversity, or biological diversity, is the whole variety of life on Earth. The Convention on Biological Diversity (CBD) came about as a result of the 1992 Earth Summit. As one of 168 countries to sign up to the CBD, the UK was required to develop a national strategy for the conservation of biodiversity; the UK Biodiversity Action Plan (UKBAP) was born.

The UKBAP is the result of contributions involving a wide range of people and organisations, enabling the identification of species and habitats that are listed as priorities for conservation action. A 2007 review of the UKBAP has resulted in 1149 species and 65 habitats being listed as conservation priorities. For more information see [www.ukbap.org.uk](http://www.ukbap.org.uk).

In addition to the national priorities and targets, action is also being taken at local level. The Essex Biodiversity Project is responsible for implementing the Essex Biodiversity Action Plan, which has 28 priority species and 15 priority habitats currently listed. For more information see [www.essexbiodiversity.org.uk](http://www.essexbiodiversity.org.uk).

### The UK BAP

(from Explanatory Note by Defra and Natural England on Section 41 of the Natural Environment and Rural Communities (NERC) Act 2006 - Habitats and Species of Principal Importance in England)

The England Biodiversity List has been developed to meet the requirements of Section 41 of the Natural Environment and Rural Communities Act (2006). This legislation requires the Secretary of State to publish a list of species of flora and fauna and habitats considered to be of principal importance for the purpose of conserving biodiversity.

The S41 list will be used to guide decision-makers such as public bodies, including local and regional authorities, in implementing their duty under section 40 of the Natural Environment and Rural Communities Act 2006 'to have regard' to the conservation of biodiversity in England, when carrying out their normal functions. In particular:

- Regional Planning Bodies and Local Planning Authorities will use it to identify the species and habitats that should be afforded priority when applying the requirements of National Planning Policy framework (NPPF) and PPS9 Circular to maintain, restore and enhance species and habitats.
- Local Planning Authorities will use it to identify the species and habitats that require specific consideration in dealing with planning and development control, recognising that under NPPF and PPS9 Circular the aim of planning decisions should be to avoid harm to all biodiversity.
- All Public Bodies will use it to identify species or habitats that should be given priority when implementing the NERC Section 40 duty.

#### Habitats of Principal Importance

Fifty-six habitats of principal importance are included on the S41 list. These are all the habitats in England that have been identified as requiring action in the UK Biodiversity Action Plan (UK BAP). They range from habitats such as upland hay meadows to lowland mixed deciduous woodland and from freshwater habitats such as ponds to marine habitats such as subtidal sands and gravels.

#### Species of Principal Importance

There are 943 species of principal importance included on the S41 list. These are the species found

in England which have been identified as requiring action under the UK BAP. In addition, the Hen Harrier has also been included on the List because without continued conservation action it is unlikely that the Hen Harrier population will increase from its current very low levels in England.

#### **Relationship with the UK Biodiversity List of Species and Habitats**

The UK BAP list of priority species and habitats is an important reference source and will be the focus for conservation action across the UK over the next decade. It has been used to draw up the species and habitats of principal importance in England under S41 of the NERC Act.

The revised UK BAP list of priority species and habitats can be downloaded from the UK Biodiversity Website: <http://www.ukbap.org.uk/NewPriorityList.aspx>

#### **Relationship with the biodiversity duty under Section 40 of the NERC Act**

There is a general biodiversity duty in the NERC Act (Section 40) which requires every public body in the exercising of its functions to 'have regard, so far as is consistent with the proper exercise of those functions, to the purpose of conserving biodiversity'.

There is no direct relationship between the Section 41 duty on the Secretary of State to publish the list and promote the taking of steps to conserve the habitats and species on it, and the Section 40 duty on public bodies to have regard to the purpose of conserving biodiversity. Importantly:

(a) Biodiversity, as covered by the Section 40 duty includes all biodiversity and not just the habitats and species of principal importance. However, there is an expectation that public bodies would refer to the S41 list when complying with the section 40 duty.

(b) The duty on the Secretary of State to promote the taking of steps by others is not restricted to public bodies.

Defra guidance for local authorities and public bodies on implementing the biodiversity duty in the NERC Act draws attention to the S41 list, emphasising that local authorities and public bodies have a role to play in ensuring the protection of these species and habitats. Copies of the guidance can be downloaded from:

<http://archive.defra.gov.uk/environment/biodiversity/documents/pa-guid-english.pdf>

#### **Essex Biodiversity Action Plan**

The Essex Biodiversity Project was set up in 1999 for the purpose of implementing the Essex BAP, one of the 162 local BAPs in the UK. These were formed following the UK's signature to the Convention on Biological Diversity (1992) and the subsequent need for action to conserve biodiversity at a local level.

The overall aim of the Essex Biodiversity Project is to protect, conserve and enhance the variety of wildlife species and habitats in Essex through the successful implementation of the Essex Biodiversity Action Plan.

## UK BAP Priority, Section 41 and Essex BAP Species Table

Source	Taxon	Group	Vernacular	Status	Location	Position	Records	Latest
Essex Field Club	<i>Acronicta rumicis</i>	insect - moth	Knot Grass	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	Pods Wood, Tiptree	TL9017	1	2004
Essex Birdwatching Society	<i>Alauda arvensis</i>	bird	Sky Lark	Biodiversity Lists - England: England NERC S.41, Essex BAP: EBAP	Kelvedon - Station	TL8619	2	2014
Essex Birdwatching Society	<i>Alauda arvensis</i>	bird	Sky Lark	Biodiversity Lists - England: England NERC S.41, Essex BAP: EBAP	Kelvedon - Brockwell	TL8618	1	2013
Essex Birdwatching Society	<i>Alauda arvensis</i>	bird	Sky Lark	Biodiversity Lists - England: England NERC S.41, Essex BAP: EBAP	Inworth - Perrywoods	TL8817	1	2014
Essex Birdwatching Society	<i>Alauda arvensis</i>	bird	Sky Lark	Biodiversity Lists - England: England NERC S.41, Essex BAP: EBAP	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	8	2017
Essex Birdwatching Society	<i>Alauda arvensis</i>	bird	Sky Lark	Biodiversity Lists - England: England NERC S.41, Essex BAP: EBAP	Kelvedon - Home & Brockwell	TL8618	2	2015
Essex Birdwatching Society	<i>Alauda arvensis</i>	bird	Sky Lark	Biodiversity Lists - England: England NERC S.41, Essex BAP: EBAP	Kelvedon	TL8618	1	2015
Essex Field Club	<i>Apamea remissa</i>	insect - moth	Dusky Brocade	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	Pods Wood, Tiptree	TL9017	1	2002
Essex Field Club	<i>Arvicola amphibius</i>	terrestrial mammal	Northern Water Vole	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41, Essex BAP: EBAP	TL908155	TL908155	3	2001
Essex Field Club	<i>Arvicola amphibius</i>	terrestrial mammal	Northern Water Vole	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41, Essex BAP: EBAP	TL872189	TL872189	6	1998
Essex Field Club	<i>Arvicola amphibius</i>	terrestrial mammal	Northern Water Vole	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41, Essex BAP: EBAP	TL882196	TL882196	3	1998

Essex Field Club	<i>Arvicola amphibius</i>	terrestrial mammal	Northern Water Vole	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41, Essex BAP: EBAP	TL861182	TL861182	6	1994
Essex Birdwatching Society	<i>Botaurus stellaris</i>	bird	Eurasian Bittern	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41, Essex BAP: EBAP	Tiptree GP	TL8815	2	2013
EFC/EARG	<i>Bufo bufo</i>	amphibian	Common Toad	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	Grange Road Tiptree	TL875155	1	2002
EFC/EARG	<i>Bufo bufo</i>	amphibian	Common Toad	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	Watering Farm	TL862195	2	2017
EFC/EARG	<i>Bufo bufo</i>	amphibian	Common Toad	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	Priory Road Tiptree	TL876151	1	1999
EFC/EARG	<i>Bufo bufo</i>	amphibian	Common Toad	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	Kelvedon	TL862195	2	2017
EFC/EARG	<i>Bufo bufo</i>	amphibian	Common Toad	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	Tiptree Heath Primary School	TL889154	1	2001
EFC/EARG	<i>Bufo bufo</i>	amphibian	Common Toad	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	Messing CO5 9TU (garden)	TL897190	1	2014
Essex Field Club	<i>Campanula rapunculus</i>	flowering plant	Rampion Bellflower	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	Kelvedon C.P. Railway Station area	TL862192	1	2018
Essex Field Club	<i>Campanula rapunculus</i>	flowering plant	Rampion Bellflower	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	TL8619	TL8619	1	1990

Essex Field Club	<i>Chiasmia clathrata</i>	insect - moth	Latticed Heath	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	Pods Wood, Tiptree	TL9017	1	2004
Essex Field Club	<i>Chiasmia clathrata</i>	insect - moth	Latticed Heath	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	Pods Wood, Tiptree	TL8917	1	2004
Essex Field Club	<i>Coenonympha pamphilus</i>	insect - butterfly	Small Heath	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	Tiptree Heath	TL8815	1	2007
Essex Field Club	<i>Coenonympha pamphilus</i>	insect - butterfly	Small Heath	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	Tiptree	TL8715	7	2017
Essex Field Club	<i>Coenonympha pamphilus</i>	insect - butterfly	Small Heath	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	Inworth Grange Pits 1	TL887161	3	2015
Essex Field Club	<i>Coenonympha pamphilus</i>	insect - butterfly	Small Heath	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	Windmill Hill, near Tiptree	TL81Y	1	1996
Essex Field Club	<i>Coenonympha pamphilus</i>	insect - butterfly	Small Heath	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	Inworth Grange Pits 1	TL885159	2	2015
Essex Field Club	<i>Coenonympha pamphilus</i>	insect - butterfly	Small Heath	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	Tiptree Heath EWT	TL884174	1	2010
Essex Field Club	<i>Coenonympha pamphilus</i>	insect - butterfly	Small Heath	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	Tiptree	TL8816	1	2017
Essex Field Club	<i>Coenonympha pamphilus</i>	insect - butterfly	Small Heath	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	Kelvedon Hall Lane	TL8715	1	2005

Essex Field Club	<i>Coenonympha pamphilus</i>	insect - butterfly	Small Heath	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	Inworth Grange Pits 1	TL887159	1	2015
Essex Field Club	<i>Coenonympha pamphilus</i>	insect - butterfly	Small Heath	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	Tiptree: gravel pits	TL885160	4	2013
Essex Field Club	<i>Coenonympha pamphilus</i>	insect - butterfly	Small Heath	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	94 Feering Hill, Feering, Colchester, Essex CO5 9PX	TL8619	5	1993
Essex Birdwatching Society	<i>Cuculus canorus</i>	bird	Common Cuckoo	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	99 Oak Road, Tiptree	TL8917	1	2015
Essex Field Club	<i>Cuculus canorus</i>	bird	Common Cuckoo	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	Messing CO5 9TU (garden)	TL897190	2	2012
Essex Birdwatching Society	<i>Cuculus canorus</i>	bird	Common Cuckoo	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	Tiptree Landfill	TL8815	1	2013
Essex Birdwatching Society	<i>Cuculus canorus</i>	bird	Common Cuckoo	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	Kelvedon - Brockwell	TL8618	1	2013
Essex Birdwatching Society	<i>Cuculus canorus</i>	bird	Common Cuckoo	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	Ewell Bridge	TL8618	1	2013
Essex Birdwatching Society	<i>Cuculus canorus</i>	bird	Common Cuckoo	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	Kelvedon - Home & Brockwell	TL8618	2	2014
Essex Birdwatching Society	<i>Cuculus canorus</i>	bird	Common Cuckoo	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	Home	TL9016	1	2014

Essex Field Club	<i>Cyclophora porata</i>	insect - moth	False Mocha	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	Tiptree, SW of Colchester, Essex	TL8915	1	1928
Essex Field Club	<i>Diarsia rubi</i>	insect - moth	Small Square-spot	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	Pods Wood, Tiptree	TL9017	1	2001
Essex Field Club	<i>Ecliptopera silaceata</i>	insect - moth	Small Phoenix	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	Pods Wood, Tiptree	TL9017	1	2001
Essex Birdwatching Society	<i>Emberiza citrinella</i>	bird	Yellowhammer	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	Kelvedon	TL8618	1	2015
Essex Birdwatching Society	<i>Emberiza citrinella</i>	bird	Yellowhammer	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	Messing	TL8918	1	2014
Essex Birdwatching Society	<i>Emberiza schoeniclus</i>	bird	Common Reed Bunting	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	1	2017
Essex Birdwatching Society	<i>Emberiza schoeniclus</i>	bird	Common Reed Bunting	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	Messing	TL8918	1	2014
Essex Birdwatching Society	<i>Emberiza schoeniclus</i>	bird	Common Reed Bunting	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	Kelvedon	TL8618	1	2015
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	TL880177	TL880177	2	2014
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	TL896174	TL896174	5	2011



Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	Messing CO5 9TU (garden)	TL897190	2	2012
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	TL890156	TL890156	4	2007
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	TL877162	TL877162	4	1995
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	TL895157	TL895157	4	1995
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	TL889156	TL889156	4	2006
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	TL906183	TL906183	4	1995
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	TL875159	TL875159	4	1995
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	TL894169	TL894169	5	1995
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	TL887172	TL887172	4	1995
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	TL901158	TL901158	4	1998

Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	TL863189	TL863189	6	2007
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	TL893157	TL893157	4	1998
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	TL886153	TL886153	4	2007
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	TL897157	TL897157	4	2009
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	TL860186	TL860186	6	1994
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	TL891157	TL891157	8	2011
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	TL879184	TL879184	5	1995
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	TL895176	TL895176	5	1995
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	TL889171	TL889171	4	2004
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	TL908163	TL908163	3	1995

Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	TL875192	TL875192	6	1995
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	TL894176	TL894176	5	2010
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	TL889153	TL889153	4	2012
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	TL905183	TL905183	4	1995
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	TL863193	TL863193	6	1998
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	TL894156	TL894156	4	2009
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	TL887154	TL887154	4	1995
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	TL897189	TL897189	4	1995
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	TL862196	TL862196	5	1995
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	TL891160	TL891160	3	2015

EFC Schemes	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	Tiptree	TL894172	1	2012
Essex Field Club	<i>Euxoa nigricans</i>	insect - moth	Garden Dart	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	Tiptree	TL8916	1	1961
Essex Field Club	<i>Hemistola chrysoprasaria</i>	insect - moth	Small Emerald	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	Tiptree	TL8916	1	1961
Essex Field Club	<i>Hepialus humuli</i>	insect - moth	Ghost Moth	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	Feering Hill	TL8619	1	2001
Essex Field Club	<i>Hoplodrina blanda</i>	insect - moth	Rustic	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	Pods Wood, Tiptree	TL9017	2	2004
Essex Field Club	<i>Lasiommata megera</i>	insect - butterfly	Wall	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	Kelvedon: garden	TL865188	1	1996
Essex Field Club	<i>Lasiommata megera</i>	insect - butterfly	Wall	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	Tiptree	TL8916	1	1998
Essex Field Club	<i>Lepus europaeus</i>	terrestrial mammal	Brown Hare	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41, Essex BAP: EBAP	TL860180	TL860180	6	1997
Essex Field Club	<i>Lepus europaeus</i>	terrestrial mammal	Brown Hare	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41, Essex BAP: EBAP	TL885173	TL885173	4	1995
Essex Field Club	<i>Lepus europaeus</i>	terrestrial mammal	Brown Hare	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41, Essex BAP: EBAP	TL871153	TL871153	4	2004

Essex Field Club	<i>Lepus europaeus</i>	terrestrial mammal	Brown Hare	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41, Essex BAP: EBAP	TL876169	TL876169	5	2010
Essex Field Club	<i>Lepus europaeus</i>	terrestrial mammal	Brown Hare	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41, Essex BAP: EBAP	TL870161	TL870161	4	1997
Essex Field Club	<i>Lepus europaeus</i>	terrestrial mammal	Brown Hare	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41, Essex BAP: EBAP	TL874173	TL874173	5	2012
Essex Field Club	<i>Lepus europaeus</i>	terrestrial mammal	Brown Hare	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41, Essex BAP: EBAP	TL869179	TL869179	6	2012
Essex Field Club	<i>Lepus europaeus</i>	terrestrial mammal	Brown Hare	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41, Essex BAP: EBAP	TL874158	TL874158	4	1999
Essex Field Club	<i>Lepus europaeus</i>	terrestrial mammal	Brown Hare	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41, Essex BAP: EBAP	TL865172	TL865172	5	1996
Essex Field Club	<i>Lepus europaeus</i>	terrestrial mammal	Brown Hare	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41, Essex BAP: EBAP	TL893187	TL893187	3	2007
Essex Field Club	<i>Lepus europaeus</i>	terrestrial mammal	Brown Hare	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41, Essex BAP: EBAP	TL872153	TL872153	4	2001
Essex Field Club	<i>Lepus europaeus</i>	terrestrial mammal	Brown Hare	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41, Essex BAP: EBAP	TL860176	TL860176	2	2015
Essex Field Club	<i>Lepus europaeus</i>	terrestrial mammal	Brown Hare	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41, Essex BAP: EBAP	TL879155	TL879155	4	2003

Essex Field Club	<i>Lepus europaeus</i>	terrestrial mammal	Brown Hare	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41, Essex BAP: EBAP	TL870171	TL870171	1	2015
Essex Field Club	<i>Lepus europaeus</i>	terrestrial mammal	Brown Hare	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41, Essex BAP: EBAP	TL876154	TL876154	4	2001
Essex Field Club	<i>Lepus europaeus</i>	terrestrial mammal	Brown Hare	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41, Essex BAP: EBAP	TL870154	TL870154	4	1999
Essex Field Club	<i>Lepus europaeus</i>	terrestrial mammal	Brown Hare	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41, Essex BAP: EBAP	TL874159	TL874159	4	2003
Essex Field Club	<i>Lepus europaeus</i>	terrestrial mammal	Brown Hare	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41, Essex BAP: EBAP	TL868169	TL868169	5	1996
Essex Field Club	<i>Lepus europaeus</i>	terrestrial mammal	Brown Hare	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41, Essex BAP: EBAP	TL904199	TL904199	3	1995
Essex Field Club	<i>Lepus europaeus</i>	terrestrial mammal	Brown Hare	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41, Essex BAP: EBAP	TL872159	TL872159	4	2001
Essex Field Club	<i>Leucania comma</i>	insect - moth	Shoulder-striped Wainscot	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	Pods Wood, Tiptree	TL9017	1	2001
Essex Field Club	<i>Lutra lutra</i>	terrestrial mammal	Otter	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41, Essex BAP: EBAP	TL865193	TL865193	7	1998
Essex Field Club	<i>Lutra lutra</i>	terrestrial mammal	Otter	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41, Essex BAP: EBAP	TL860180	TL860180	6	1998

Essex Field Club	<i>Lutra lutra</i>	terrestrial mammal	Otter	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41, Essex BAP: EBAP	TL906153	TL906153	3	1998
Essex Field Club	<i>Lutra lutra</i>	terrestrial mammal	Otter	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41, Essex BAP: EBAP	TL863194	TL863194	2	2016
Essex Field Club	<i>Melanchra persicariae</i>	insect - moth	Dot Moth	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	Pods Wood, Tiptree	TL9017	2	2004
Essex Field Club	<i>Melanthia procellata</i>	insect - moth	Pretty Chalk Carpet	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	Pods Wood, Tiptree	TL9017	1	2001
Essex Field Club	<i>Micromys minutus</i>	terrestrial mammal	Harvest Mouse	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	TL863195	TL863195	5	1998
Essex Field Club	<i>Micromys minutus</i>	terrestrial mammal	Harvest Mouse	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	TL886167	TL886167	5	1999
Essex Field Club	<i>Micromys minutus</i>	terrestrial mammal	Harvest Mouse	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	TL863177	TL863177	5	1998
Essex Field Club	<i>Muscardinus avellanarius</i>	terrestrial mammal	Hazel Dormouse	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41, Essex BAP: EBAP	TL901179	TL901179	5	2011
Essex Field Club	<i>Muscardinus avellanarius</i>	terrestrial mammal	Hazel Dormouse	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41, Essex BAP: EBAP	TL903181	TL903181	5	2011
Essex Field Club	<i>Muscardinus avellanarius</i>	terrestrial mammal	Hazel Dormouse	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41, Essex BAP: EBAP	TL872165	TL872165	5	2010

Essex Birdwatching Society	<i>Muscicapa striata</i>	bird	Spotted Flycatcher	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	Kelvedon	TL8618	1	2015
Essex Field Club	<i>Mustela putorius</i>	Terrestrial mammal	Western Polecat	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	TL877193	TL877193	2	2017
EFC/EARG	<i>Natrix natrix</i>	reptile	Grass Snake	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	Kelvedon	TL862195	5	2017
EFC/EARG	<i>Natrix natrix</i>	reptile	Grass Snake	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	Messing CO5 9TU (garden)	TL897190	1	2014
Essex Field Club	<i>Nyctalus noctula</i>	terrestrial mammal	Noctule Bat	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	TL862181	TL862181	6	1986
Essex Birdwatching Society	<i>Passer domesticus</i>	bird	House Sparrow	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	Kelvedon - Home & Brockwell	TL8618	7	2015
Essex Birdwatching Society	<i>Passer domesticus</i>	bird	House Sparrow	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	35	2017
Essex Birdwatching Society	<i>Passer domesticus</i>	bird	House Sparrow	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	Feering Village	TL8719	3	2017
Essex Birdwatching Society	<i>Passer domesticus</i>	bird	House Sparrow	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	Perrywoods, Tiptree	TL8817	1	2015
Essex Field Club	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Common Pipistrelle	Essex BAP: EBAP	TL876152	TL876152	4	2010
Essex Field Club	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Common Pipistrelle	Essex BAP: EBAP	TL895179	TL895179	5	2010
Essex Bat Group	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Common Pipistrelle	Essex BAP: EBAP	Tiptree, 55 Vine Road	TL890165	1	2008



Essex Field Club	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Common Pipistrelle	Essex BAP: EBAP	TL882152	TL882152	4	2010
Essex Field Club	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Common Pipistrelle	Essex BAP: EBAP	TL876169	TL876169	5	2010
Essex Field Club	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Common Pipistrelle	Essex BAP: EBAP	TL860181	TL860181	6	2010
Essex Field Club	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Common Pipistrelle	Essex BAP: EBAP	TL888187	TL888187	4	2010
Essex Bat Group	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Common Pipistrelle	Essex BAP: EBAP	Olley walk, Tiptree CO5 0FG	TL903165	1	2015
Essex Field Club	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Common Pipistrelle	Essex BAP: EBAP	TL880170	TL880170	4	2010
Essex Field Club	<i>Pipistrellus pygmaeus</i>	terrestrial mammal	Soprano Pipistrelle	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	TL894183	TL894183	4	2010
Essex Field Club	<i>Pipistrellus pygmaeus</i>	terrestrial mammal	Soprano Pipistrelle	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	TL860181	TL860181	6	2010
Essex Bat Group	<i>Pipistrellus pygmaeus</i>	terrestrial mammal	Soprano Pipistrelle	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	Tiptree	TL890165	1	2008
Essex Field Club	<i>Plecotus auritus</i>	terrestrial mammal	Brown Long-eared Bat	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	TL898165	TL898165	5	1987
Essex Bat Group	<i>Plecotus auritus</i>	terrestrial mammal	Brown Long-eared Bat	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	Feering	TL883196	1	2011
Essex Field Club	<i>Plecotus auritus</i>	terrestrial mammal	Brown Long-eared Bat	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	TL864190	TL864190	6	1987
Essex Field Club	<i>Populus nigra subsp. betulifolia</i>	flowering plant	Black Poplar	Essex BAP: EBAP	TL9015	TL905152	1	1999
Essex Field Club	<i>Satyrrium w-album</i>	insect - butterfly	White-letter Hairstreak	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	Tiptree Heath	TL8815	1	2007

Essex Field Club	<i>Sciurus vulgaris</i>	terrestrial mammal	Red Squirrel	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	TL880150	TL880150	2	1959
Essex Field Club	<i>Scleranthus annuus</i>	flowering plant	Annual Knawel	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	TL8816	TL8816	1	1988
Essex Field Club	<i>Scleranthus annuus</i>	flowering plant	Annual Knawel	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	TL8715	TL8715	1	1988
Essex Field Club	<i>Scleranthus annuus</i>	flowering plant	Annual Knawel	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	TL8917	TL8917	1	1988
Essex Field Club	<i>Scleranthus annuus</i>	flowering plant	Annual Knawel	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	TL8815	TL8815	1	1986
Essex Field Club	<i>Scleranthus annuus</i>	flowering plant	Annual Knawel	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	Tiptree gravel pit, Inworth Grange	TL886159	1	1991
Essex Birdwatching Society	<i>Streptopelia turtur</i>	bird	European Turtle Dove	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	Tiptree	TL8916	1	2017
Essex Field Club	<i>Streptopelia turtur</i>	bird	European Turtle Dove	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	Messing CO5 9TU (garden)	TL897190	1	2012
Essex Field Club	<i>Tholera decimalis</i>	insect - moth	Feathered Gothic	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	Pods Wood, Tiptree	TL9017	1	2002
Essex Field Club	<i>Timandra comae</i>	insect - moth	Blood-Vein	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	Tiptree	TL8916	1	1961

Essex Field Club	<i>Timandra comae</i>	insect - moth	Blood-Vein	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	Conyfield Wood	TL899180	1	2006
Essex Field Club	<i>Timandra comae</i>	insect - moth	Blood-Vein	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	Pods Wood, Tiptree	TL9017	1	2004
Essex Birdwatching Society	<i>Turdus philomelos</i>	bird	Song Thrush	Essex BAP: EBAP	Kelvedon - Home & Brockwell	TL8618	4	2015
Essex Field Club	<i>Turdus philomelos</i>	bird	Song Thrush	Essex BAP: EBAP	Messing CO5 9TU (garden)	TL897190	1	2014
Essex Birdwatching Society	<i>Turdus philomelos</i>	bird	Song Thrush	Essex BAP: EBAP	Feering Village	TL8719	1	2017
Essex Birdwatching Society	<i>Turdus philomelos</i>	bird	Song Thrush	Essex BAP: EBAP	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	14	2017
Essex Birdwatching Society	<i>Turdus philomelos</i>	bird	Song Thrush	Essex BAP: EBAP	Kelvedon - Brockwell	TL8618	1	2013
Essex Field Club	<i>Tyria jacobaeae</i>	insect - moth	Cinnabar	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	Tiptree	TL884160	2	2017
Essex Field Club	<i>Tyria jacobaeae</i>	insect - moth	Cinnabar	Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	Conyfield Wood	TL899180	10	2007
EFC/EARG	<i>Zootoca vivipara</i>	reptile		Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	Watering Farm	TL862195	21	2017
EFC/EARG	<i>Zootoca vivipara</i>	reptile		Biodiversity Action Plan UK list of priority species: Priority Species, Biodiversity Lists - England: England NERC S.41	Kelvedon	TL862195	16	2017

## 22. Global & National Red List and Scarce Designations

### Red Data Book Species

National Red Data Book species are those falling within the Status categories defined in the British Red Data Books (Bratton, 1991; Shirt, 1987). These are internationally recognised species listed in the various Red Data Books published by, or under the auspices of, the International Union for the Conservation of Nature (IUCN). Species included may not be informally removed or transferred between categories. Nationally Endangered (RDB1) taxa are those considered to be in danger of extinction and whose survival is unlikely if the causal factors continue operating. These include species known from only a single locality since 1970, species restricted to habitats which are especially vulnerable, species which have shown a rapid and continuous decline in the last twenty years and are now estimated to exist in five or fewer ten km squares and species believed extinct but which would need protection if re-discovered. Nationally Vulnerable (RDB2) taxa are those that are believed likely to move into the Endangered category in the near future if the causal factors causing their decline continue operating. This includes species declining throughout their range, species in vulnerable habitats and species whose populations are low. Nationally Rare (RDB3) taxa are those with small populations that are not at present Endangered or Vulnerable, but are at risk. This includes species known or estimated to exist in only 15 or fewer post 1970 ten km squares. Insufficiently Known (RDBK) taxa are those suspected of falling into categories 1-3, but about which there is insufficient information to be certain.

Some families in Diptera (flies) have recently had new status reviews published (Falk, S.J. & Crossley, R., 2005; Falk, S.J. & Chandler, P., 2005). A brief outline of the revised IUCN criteria and their application, as summarised in these reviews, is given below.

#### **EXTINCT (EX)**

A taxon is Extinct when there is no reasonable doubt that the last individual has died.

#### **EXTINCT IN THE WILD (EW)**

A taxon is Extinct in the wild when it is known to survive only in cultivation, in captivity or as a naturalised population (or populations) well outside the past range. A taxon is presumed extinct in the wild when exhaustive surveys in known and/or expected habitat, at appropriate times (diurnal, seasonal, annual) throughout its range have failed to record an individual. Surveys should be over a time frame appropriate to the taxon's life cycle and life form.

#### **CRITICALLY ENDANGERED (CR)**

A taxon is Critically Endangered when it is facing an extremely high risk of extinction in the wild in the immediate future, as detailed by any of the criteria A to E. \*

#### **ENDANGERED (EN)**

A taxon is Endangered when it is not Critically Endangered but is facing a very high risk of extinction in the wild in the near future, as defined by any of the criteria A to E. \*

#### **VULNERABLE (VU)**

A taxon is Vulnerable when it is not Critically Endangered or Endangered but is facing a high risk of extinction in the wild in the medium term future, as defined by any of the criteria A to D. \*

#### **LOWER RISK (LR)**

A taxon is Lower Risk when it has been evaluated but does not satisfy the criteria for any of the categories Critically Endangered, Endangered or Vulnerable. Taxa included in the Lower Risk category can be separated into three sub-categories:

**Conservation Dependent (cd)**

Taxa which are the focus of a continuing taxon-specific or habitat-specific conservation programme targeted towards the taxon in question, the cessation of which would result in the taxon qualifying for one of the threatened categories above within a period of five years.

**Near Threatened (nt)**

Taxa which do not qualify for Lower Risk (Conservation Dependent), but which are close to qualifying for Vulnerable.

**Least Concern (lc)**

Taxa which do not qualify for Lower Risk (Conservation Dependent) or Lower Risk (Near Threatened).

**DATA DEFICIENT (DD)**

A taxon is Data Deficient when there is inadequate information to make a direct or indirect assessment of its risk of extinction based on its distribution and/or population status. A taxon in this category may be well studied, and its biology well known, but appropriate data on abundance and/or distribution are lacking. Data Deficient is therefore not a category of threat or Lower Risk. Listing of taxa in this category indicates that more information is required and acknowledges the possibility that future research will show that a threatened category is appropriate.

**NOT EVALUATED (NE)**

A taxon is Not Evaluated when it has not been assessed against the criteria.

**Nationally Scarce species**

The concept of Nationally Scarce (Notable) species was introduced by Ball (1986). They are species which are estimated to occur within the range of 16 to 100 ten-kilometre squares of the British National Grid system since 1970 and are subdivided as follows: Notable/Na refers to species estimated to occur within the range of 16 to 30 10-kilometre squares of the National Grid System. Notable/Nb refers to species estimated to occur within the range 31 to 100 10-kilometre squares of the National Grid System. Diptera (flies) and some Coleoptera (beetles) are not separated. Categorisations have been revised for various taxonomic groups including Araneae (spiders) in Merrett (1990), aculeate Hymenoptera in Falk (1991a), Coleoptera in Hyman & Parsons (1992, 1994), Diptera in Falk (1991b), Hemiptera in Kirby (1992) and Pyralidae (Lepidoptera) in Parsons (1993).

The concept of nationally scarce (Notable) species is unaltered in the new status reviews (e.g. Falk, S.J. & Crossley, R., 2005; Falk, S.J. & Chandler, P., 2005), but the status is now known as Scarce.

In a new national spider review a 'Watching Brief' category is included for some species where the data available suggest a greater level of threat, but there is uncertainty about the evidence of decline. There are also a number of much more widespread and common species where the data suggest strong declines may be occurring. These have placed these in the 'Watching Brief' category outside of the national status review, but these species should be specifically monitored in the future to understand their status more satisfactorily.

A record does not necessarily indicate a native population and for example some plant records may originate from seed mixes or be agricultural variants.

## National Status Species Table

Source	Taxon	Group	Vernacular	Status	Location	Position	Records	Latest
Essex Field Club	<i>Acheta domesticus</i>	insect - orthopteran	House Cricket	Red listing based on 2001 IUCN guidelines (from 2015): Not Evaluated	Tiptree	TL893167	2	1997
Essex Birdwatching Society	<i>Alauda arvensis</i>	bird	Sky Lark	Red data categories - birds (not based on IUCN criteria): Bird Population Status - red	Kelvedon - Station	TL8619	2	2014
Essex Birdwatching Society	<i>Alauda arvensis</i>	bird	Sky Lark	Red data categories - birds (not based on IUCN criteria): Bird Population Status - red	Kelvedon - Brockwell	TL8618	1	2013
Essex Birdwatching Society	<i>Alauda arvensis</i>	bird	Sky Lark	Red data categories - birds (not based on IUCN criteria): Bird Population Status - red	Inworth - Perrywoods	TL8817	1	2014
Essex Birdwatching Society	<i>Alauda arvensis</i>	bird	Sky Lark	Red data categories - birds (not based on IUCN criteria): Bird Population Status - red	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	8	2017
Essex Birdwatching Society	<i>Alauda arvensis</i>	bird	Sky Lark	Red data categories - birds (not based on IUCN criteria): Bird Population Status - red	Kelvedon - Home & Brockwell	TL8618	2	2015
Essex Birdwatching Society	<i>Alauda arvensis</i>	bird	Sky Lark	Red data categories - birds (not based on IUCN criteria): Bird Population Status - red	Kelvedon	TL8618	1	2015
Essex Birdwatching Society	<i>Alcedo atthis</i>	bird	Common Kingfisher	Red data categories - birds (not based on IUCN criteria): Bird Population Status - amber	Feering Village	TL8719	1	2017
Essex Birdwatching Society	<i>Alcedo atthis</i>	bird	Common Kingfisher	Red data categories - birds (not based on IUCN criteria): Bird Population Status - amber	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	1	2017
Essex Birdwatching Society	<i>Alcedo atthis</i>	bird	Common Kingfisher	Red data categories - birds (not based on IUCN criteria): Bird Population Status - amber	Kelvedon - Brockwell	TL8618	3	2013
Essex Birdwatching Society	<i>Alcedo atthis</i>	bird	Common Kingfisher	Red data categories - birds (not based on IUCN criteria): Bird Population Status - amber	Inworth Grange, Tiptree, TL8715	TL8715	1	2014
Essex Birdwatching Society	<i>Alcedo atthis</i>	bird	Common Kingfisher	Red data categories - birds (not based on IUCN criteria): Bird Population Status - amber	Kelvedon - Home & Brockwell	TL8618	2	2015
Essex Birdwatching Society	<i>Alcedo atthis</i>	bird	Common Kingfisher	Red data categories - birds (not based on IUCN criteria): Bird Population Status - amber	Kelvedon	TL8618	1	2015

Essex Field Club	<i>Anacamptis morio</i>	flowering plant	Green-winged Orchid	Red listing based on 2001 IUCN guidelines (from 2005): Near Threatened, Red listing based on 2001 IUCN guidelines (from 2014): Vulnerable	Tiptree, Gravel Pits	TL8815	1	2015
Essex Field Club	<i>Anacamptis morio</i>	flowering plant	Green-winged Orchid	Red listing based on 2001 IUCN guidelines (from 2005): Near Threatened, Red listing based on 2001 IUCN guidelines (from 2014): Vulnerable	Tiptree, Sand and Gravel Quarry	TL8816	1	2015
Essex Birdwatching Society	<i>Anas clypeata</i>	bird	Northern Shoveler	Red data categories - birds (not based on IUCN criteria): Bird Population Status - amber	Kelvedon	TL8618	1	2013
Essex Birdwatching Society	<i>Anas platyrhynchos</i>	bird	Mallard	Red data categories - birds (not based on IUCN criteria): Bird Population Status - amber	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	34	2017
Essex Birdwatching Society	<i>Anas platyrhynchos</i>	bird	Mallard	Red data categories - birds (not based on IUCN criteria): Bird Population Status - amber	Kelvedon - Home & Brockwell	TL8618	5	2015
Essex Birdwatching Society	<i>Anas platyrhynchos</i>	bird	Mallard	Red data categories - birds (not based on IUCN criteria): Bird Population Status - amber	Kelvedon - Station	TL8619	1	2013
Essex Birdwatching Society	<i>Anas platyrhynchos</i>	bird	Mallard	Red data categories - birds (not based on IUCN criteria): Bird Population Status - amber	Feering Village	TL8719	4	2017
Essex Field Club	<i>Anthemis cotula</i>	flowering plant	Stinking Chamomile	Red listing based on 2001 IUCN guidelines (from 2005): Vulnerable, Red listing based on 2001 IUCN guidelines (from 2014): Vulnerable	TL8816	TL8816	1	1988
Essex Field Club	<i>Anthemis cotula</i>	flowering plant	Stinking Chamomile	Red listing based on 2001 IUCN guidelines (from 2005): Vulnerable, Red listing based on 2001 IUCN guidelines (from 2014): Vulnerable	TL8716	TL8716	1	1989
Essex Field Club	<i>Anthemis cotula</i>	flowering plant	Stinking Chamomile	Red listing based on 2001 IUCN guidelines (from 2005): Vulnerable, Red listing based on 2001 IUCN guidelines (from 2014): Vulnerable	TL9015	TL9015	1	1987
Essex Field Club	<i>Anthemis cotula</i>	flowering plant	Stinking Chamomile	Red listing based on 2001 IUCN guidelines (from 2005): Vulnerable, Red listing based on 2001 IUCN guidelines (from 2014): Vulnerable	TL8616	TL8616	1	1989

Essex Field Club	<i>Anthemis cotula</i>	flowering plant	Stinking Chamomile	Red listing based on 2001 IUCN guidelines (from 2005): Vulnerable, Red listing based on 2001 IUCN guidelines (from 2014): Vulnerable	TL8918	TL8918	1	1988
Essex Field Club	<i>Anthemis cotula</i>	flowering plant	Stinking Chamomile	Red listing based on 2001 IUCN guidelines (from 2005): Vulnerable, Red listing based on 2001 IUCN guidelines (from 2014): Vulnerable	TL8819	TL8819	1	1987
Essex Field Club	<i>Anthemis cotula</i>	flowering plant	Stinking Chamomile	Red listing based on 2001 IUCN guidelines (from 2005): Vulnerable, Red listing based on 2001 IUCN guidelines (from 2014): Vulnerable	TL8815	TL8815	1	1986
Essex Field Club	<i>Anthemis cotula</i>	flowering plant	Stinking Chamomile	Red listing based on 2001 IUCN guidelines (from 2005): Vulnerable, Red listing based on 2001 IUCN guidelines (from 2014): Vulnerable	TL9017	TL9017	1	1987
Essex Field Club	<i>Anthemis cotula</i>	flowering plant	Stinking Chamomile	Red listing based on 2001 IUCN guidelines (from 2005): Vulnerable, Red listing based on 2001 IUCN guidelines (from 2014): Vulnerable	TL8715	TL8715	1	1988
Essex Field Club	<i>Anthemis cotula</i>	flowering plant	Stinking Chamomile	Red listing based on 2001 IUCN guidelines (from 2005): Vulnerable, Red listing based on 2001 IUCN guidelines (from 2014): Vulnerable	TL8919	TL8919	1	1987
Essex Field Club	<i>Anthemis cotula</i>	flowering plant	Stinking Chamomile	Red listing based on 2001 IUCN guidelines (from 2005): Vulnerable, Red listing based on 2001 IUCN guidelines (from 2014): Vulnerable	TL8615	TL8615	1	1988
Essex Field Club	<i>Anthemis cotula</i>	flowering plant	Stinking Chamomile	Red listing based on 2001 IUCN guidelines (from 2005): Vulnerable, Red listing based on 2001 IUCN guidelines (from 2014): Vulnerable	TL8915	TL8915	1	1989
Essex Birdwatching Society	<i>Apus apus</i>	bird	Common Swift	Red data categories - birds (not based on IUCN criteria): Bird Population Status - amber	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	1	2017
Essex Birdwatching Society	<i>Apus apus</i>	bird	Common Swift	Red data categories - birds (not based on IUCN criteria): Bird Population Status - amber	Kelvedon - Home & Brockwell	TL8618	1	2015
Essex Birdwatching Society	<i>Apus apus</i>	bird	Common Swift	Red data categories - birds (not based on IUCN criteria): Bird Population Status - amber	Kelvedon	TL8618	1	2017



Essex Birdwatching Society	<i>Apus apus</i>	bird	Common Swift	Red data categories - birds (not based on IUCN criteria): Bird Population Status - amber	Kelvedon - Station	TL8619	3	2014
Essex Birdwatching Society	<i>Apus apus</i>	bird	Common Swift	Red data categories - birds (not based on IUCN criteria): Bird Population Status - amber	Kelvedon - Brockwell	TL8618	4	2013
Essex Field Club	<i>Argiope bruennichi</i>	spider (Araneae)		Rare and scarce species (not based on IUCN criteria) 1990: Nationally Notable	Tiptree	TL8815	1	2006
Essex Field Club	<i>Argiope bruennichi</i>	spider (Araneae)		Rare and scarce species (not based on IUCN criteria) 1990: Nationally Notable	Tiptree, Cherry Chase (garden)	TL8915	1	2016
Essex Birdwatching Society	<i>Botaurus stellaris</i>	bird	Eurasian Bittern	Red data categories - birds (not based on IUCN criteria): Bird Population Status - amber	Tiptree GP	TL8815	2	2013
Essex Field Club	<i>Buxus sempervirens</i>	flowering plant	Box	Rare and scarce species (not based on IUCN criteria): Nationally Rare. Excludes Red Listed taxa, Red listing based on 2001 IUCN guidelines (from 2005): Data Deficient, Red listing based on 2001 IUCN guidelines (from 2014): Data Deficient	TL9016	TL9016	1	1987
Essex Field Club	<i>Buxus sempervirens</i>	flowering plant	Box	Rare and scarce species (not based on IUCN criteria): Nationally Rare. Excludes Red Listed taxa, Red listing based on 2001 IUCN guidelines (from 2005): Data Deficient, Red listing based on 2001 IUCN guidelines (from 2014): Data Deficient	Shell Garage, Tiptree	TL894168	1	1999
Essex Field Club	<i>Calluna vulgaris</i>	flowering plant	Heather	Red listing based on 2001 IUCN guidelines (from 2014): Near Threatened	Pods Wood	TL9017	1	2003
Essex Field Club	<i>Calluna vulgaris</i>	flowering plant	Heather	Red listing based on 2001 IUCN guidelines (from 2014): Near Threatened	TL9017	TL9017	1	1981
Essex Field Club	<i>Campanula rapunculus</i>	flowering plant	Rampion Bellflower	Rare and scarce species (not based on IUCN criteria): Nationally Rare. Excludes Red Listed taxa, Red listing based on 2001 IUCN guidelines (from 2005): Endangered, Red listing based on 2001 IUCN guidelines (from 2014): Endangered	Kelvedon C.P. Railway Station area	TL862192	1	2018

Essex Field Club	<i>Campanula rapunculus</i>	flowering plant	Rampion Bellflower	Rare and scarce species (not based on IUCN criteria): Nationally Rare. Excludes Red Listed taxa, Red listing based on 2001 IUCN guidelines (from 2005): Endangered, Red listing based on 2001 IUCN guidelines (from 2014): Endangered	TL8619	TL8619	1	1990
Essex Field Club	<i>Campanula rotundifolia</i>	flowering plant	Harebell	Red listing based on 2001 IUCN guidelines (from 2014): Near Threatened	TL8916	TL8916	1	1988
Essex Field Club	<i>Campanula rotundifolia</i>	flowering plant	Harebell	Red listing based on 2001 IUCN guidelines (from 2014): Near Threatened	TL9016	TL9016	1	1987
Essex Field Club	<i>Campanula rotundifolia</i>	flowering plant	Harebell	Red listing based on 2001 IUCN guidelines (from 2014): Near Threatened	Tiptree, churchyard	TL8916	1	2010
Essex Field Club	<i>Cerastium arvense</i>	flowering plant	Field Mouse-ear	Red listing based on 2001 IUCN guidelines (from 2014): Near Threatened	TL8716	TL8716	1	1977
Essex Birdwatching Society	<i>Chroicocephalus ridibundus</i>	bird	Common Black-headed Gull	Red data categories - birds (not based on IUCN criteria): Bird Population Status - amber	Kelvedon Station	TL8619	1	2017
Essex Birdwatching Society	<i>Chroicocephalus ridibundus</i>	bird	Common Black-headed Gull	Red data categories - birds (not based on IUCN criteria): Bird Population Status - amber	Feering Village	TL8719	1	2017
Essex Birdwatching Society	<i>Chroicocephalus ridibundus</i>	bird	Common Black-headed Gull	Red data categories - birds (not based on IUCN criteria): Bird Population Status - amber	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	21	2017
Essex Birdwatching Society	<i>Chroicocephalus ridibundus</i>	bird	Common Black-headed Gull	Red data categories - birds (not based on IUCN criteria): Bird Population Status - amber	Kelvedon - Home & Brockwell	TL8618	4	2015
Essex Field Club	<i>Cicurina cicur</i>	spider (Araneae)		Rare and scarce species (not based on IUCN criteria) 2012: pNationally Scarce B	Pods Wood	TL9017	2	1991
Essex Field Club	<i>Coenonympha pamphilus</i>	insect - butterfly	Small Heath	Red listing based on 2001 IUCN guidelines (from 2010): Near Threatened	Tiptree Heath	TL8815	1	2007
Essex Field Club	<i>Coenonympha pamphilus</i>	insect - butterfly	Small Heath	Red listing based on 2001 IUCN guidelines (from 2010): Near Threatened	Tiptree	TL8715	7	2017
Essex Field Club	<i>Coenonympha pamphilus</i>	insect - butterfly	Small Heath	Red listing based on 2001 IUCN guidelines (from 2010): Near Threatened	Inworth Grange Pits 1	TL887161	3	2015

Essex Field Club	<i>Coenonympha pamphilus</i>	insect - butterfly	Small Heath	Red listing based on 2001 IUCN guidelines (from 2010): Near Threatened	Windmill Hill, near Tiptree	TL81Y	1	1996
Essex Field Club	<i>Coenonympha pamphilus</i>	insect - butterfly	Small Heath	Red listing based on 2001 IUCN guidelines (from 2010): Near Threatened	Inworth Grange Pits 1	TL885159	2	2015
Essex Field Club	<i>Coenonympha pamphilus</i>	insect - butterfly	Small Heath	Red listing based on 2001 IUCN guidelines (from 2010): Near Threatened	Tiptree Heath EWT	TL884174	1	2010
Essex Field Club	<i>Coenonympha pamphilus</i>	insect - butterfly	Small Heath	Red listing based on 2001 IUCN guidelines (from 2010): Near Threatened	Tiptree	TL8816	1	2017
Essex Field Club	<i>Coenonympha pamphilus</i>	insect - butterfly	Small Heath	Red listing based on 2001 IUCN guidelines (from 2010): Near Threatened	Kelvedon Hall Lane	TL8715	1	2005
Essex Field Club	<i>Coenonympha pamphilus</i>	insect - butterfly	Small Heath	Red listing based on 2001 IUCN guidelines (from 2010): Near Threatened	Inworth Grange Pits 1	TL887159	1	2015
Essex Field Club	<i>Coenonympha pamphilus</i>	insect - butterfly	Small Heath	Red listing based on 2001 IUCN guidelines (from 2010): Near Threatened	Tiptree: gravel pits	TL885160	4	2013
Essex Field Club	<i>Coenonympha pamphilus</i>	insect - butterfly	Small Heath	Red listing based on 2001 IUCN guidelines (from 2010): Near Threatened	94 Feering Hill, Feering, Colchester, Essex CO5 9PX	TL8619	5	1993
Essex Birdwatching Society	<i>Cuculus canorus</i>	bird	Common Cuckoo	Red data categories - birds (not based on IUCN criteria): Bird Population Status - red	99 Oak Road, Tiptree	TL8917	1	2015
Essex Field Club	<i>Cuculus canorus</i>	bird	Common Cuckoo	Red data categories - birds (not based on IUCN criteria): Bird Population Status - red	Messing CO5 9TU (garden)	TL897190	2	2012
Essex Birdwatching Society	<i>Cuculus canorus</i>	bird	Common Cuckoo	Red data categories - birds (not based on IUCN criteria): Bird Population Status - red	Tiptree Landfill	TL8815	1	2013
Essex Birdwatching Society	<i>Cuculus canorus</i>	bird	Common Cuckoo	Red data categories - birds (not based on IUCN criteria): Bird Population Status - red	Kelvedon - Brockwell	TL8618	1	2013
Essex Birdwatching Society	<i>Cuculus canorus</i>	bird	Common Cuckoo	Red data categories - birds (not based on IUCN criteria): Bird Population Status - red	Ewell Bridge	TL8618	1	2013
Essex Birdwatching Society	<i>Cuculus canorus</i>	bird	Common Cuckoo	Red data categories - birds (not based on IUCN criteria): Bird Population Status - red	Kelvedon - Home & Brockwell	TL8618	2	2014

Essex Birdwatching Society	<i>Cuculus canorus</i>	bird	Common Cuckoo	Red data categories - birds (not based on IUCN criteria): Bird Population Status - red	Home	TL9016	1	2014
Essex Birdwatching Society	<i>Cygnus olor</i>	bird	Mute Swan	Red data categories - birds (not based on IUCN criteria): Bird Population Status - amber	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	5	2017
Essex Birdwatching Society	<i>Cygnus olor</i>	bird	Mute Swan	Red data categories - birds (not based on IUCN criteria): Bird Population Status - amber	Kelvedon - Home & Brockwell	TL8618	2	2015
Essex Birdwatching Society	<i>Delichon urbicum</i>	bird	Common House Martin	Red data categories - birds (not based on IUCN criteria): Bird Population Status - amber	Perrywoods, Tiptree	TL8817	1	2015
Essex Birdwatching Society	<i>Delichon urbicum</i>	bird	Common House Martin	Red data categories - birds (not based on IUCN criteria): Bird Population Status - amber	Kelvedon - Home & Brockwell	TL8618	3	2015
Essex Birdwatching Society	<i>Delichon urbicum</i>	bird	Common House Martin	Red data categories - birds (not based on IUCN criteria): Bird Population Status - amber	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	10	2017
Essex Birdwatching Society	<i>Delichon urbicum</i>	bird	Common House Martin	Red data categories - birds (not based on IUCN criteria): Bird Population Status - amber	Kelvedon - Brockwell	TL8618	4	2013
Essex Birdwatching Society	<i>Dendrocopos minor</i>	bird	Lesser Spotted Woodpecker	Red data categories - birds (not based on IUCN criteria): Bird Population Status - red	Tiptree	TL8916	1	2017
Essex Birdwatching Society	<i>Emberiza citrinella</i>	bird	Yellowhammer	Red data categories - birds (not based on IUCN criteria): Bird Population Status - red	Kelvedon	TL8618	1	2015
Essex Birdwatching Society	<i>Emberiza citrinella</i>	bird	Yellowhammer	Red data categories - birds (not based on IUCN criteria): Bird Population Status - red	Messing	TL8918	1	2014
Essex Birdwatching Society	<i>Emberiza schoeniclus</i>	bird	Common Reed Bunting	Red data categories - birds (not based on IUCN criteria): Bird Population Status - amber	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	1	2017
Essex Birdwatching Society	<i>Emberiza schoeniclus</i>	bird	Common Reed Bunting	Red data categories - birds (not based on IUCN criteria): Bird Population Status - amber	Messing	TL8918	1	2014
Essex Birdwatching Society	<i>Emberiza schoeniclus</i>	bird	Common Reed Bunting	Red data categories - birds (not based on IUCN criteria): Bird Population Status - amber	Kelvedon	TL8618	1	2015

Essex Field Club	<i>Entelecara congenera</i>	spider (Araneae)		Rare and scarce species (not based on IUCN criteria) 1990: Nationally Notable, Rare and scarce species (not based on IUCN criteria) 2012: pNationally Scarce B	Pods Wood	TL9017	2	1991
Essex Field Club	<i>Episinus maculipes</i>	spider (Araneae)		Rare and scarce species (not based on IUCN criteria) 2012: pNationally Scarce A, Red Listing based on pre 1994 IUCN guidelines: Rare	Tiptree Heath	TL8815	1	1929
Essex Field Club	<i>Euphorbia exigua</i>	flowering plant	Dwarf Spurge	Red listing based on 2001 IUCN guidelines (from 2005): Near Threatened, Red listing based on 2001 IUCN guidelines (from 2014): Vulnerable	TL8715	TL8715	1	1978
Essex Field Club	<i>Euphorbia exigua</i>	flowering plant	Dwarf Spurge	Red listing based on 2001 IUCN guidelines (from 2005): Near Threatened, Red listing based on 2001 IUCN guidelines (from 2014): Vulnerable	TL9019	TL9019	1	1987
Essex Field Club	<i>Euphorbia exigua</i>	flowering plant	Dwarf Spurge	Red listing based on 2001 IUCN guidelines (from 2005): Near Threatened, Red listing based on 2001 IUCN guidelines (from 2014): Vulnerable	TL8816	TL8816	1	1988
Essex Field Club	<i>Euphorbia exigua</i>	flowering plant	Dwarf Spurge	Red listing based on 2001 IUCN guidelines (from 2005): Near Threatened, Red listing based on 2001 IUCN guidelines (from 2014): Vulnerable	TL8919	TL8919	1	1987
Essex Birdwatching Society	<i>Falco tinnunculus</i>	bird	Common Kestrel	Red data categories - birds (not based on IUCN criteria): Bird Population Status - amber	Kelvedon Station	TL8619	1	2017
Essex Birdwatching Society	<i>Falco tinnunculus</i>	bird	Common Kestrel	Red data categories - birds (not based on IUCN criteria): Bird Population Status - amber	Tiptree	TL8915	1	2014
Essex Birdwatching Society	<i>Falco tinnunculus</i>	bird	Common Kestrel	Red data categories - birds (not based on IUCN criteria): Bird Population Status - amber	Kelvedon - Brockwell	TL8618	1	2013
Essex Birdwatching Society	<i>Falco tinnunculus</i>	bird	Common Kestrel	Red data categories - birds (not based on IUCN criteria): Bird Population Status - amber	Over A12 NW of Kelvedon	TL8720	1	2014

Essex Birdwatching Society	<i>Falco tinnunculus</i>	bird	Common Kestrel	Red data categories - birds (not based on IUCN criteria): Bird Population Status - amber	Feering Village	TL8719	2	2017
Essex Birdwatching Society	<i>Falco tinnunculus</i>	bird	Common Kestrel	Red data categories - birds (not based on IUCN criteria): Bird Population Status - amber	Messing, Feering Road	TL8818	1	2017
Essex Birdwatching Society	<i>Falco tinnunculus</i>	bird	Common Kestrel	Red data categories - birds (not based on IUCN criteria): Bird Population Status - amber	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	9	2017
Essex Birdwatching Society	<i>Falco tinnunculus</i>	bird	Common Kestrel	Red data categories - birds (not based on IUCN criteria): Bird Population Status - amber	Kelvedon - Home & Brockwell	TL8618	1	2015
Essex Birdwatching Society	<i>Falco tinnunculus</i>	bird	Common Kestrel	Red data categories - birds (not based on IUCN criteria): Bird Population Status - amber	Perrywoods, Tiptree	TL8817	1	2015
Essex Birdwatching Society	<i>Falco tinnunculus</i>	bird	Common Kestrel	Red data categories - birds (not based on IUCN criteria): Bird Population Status - amber	Kelvedon	TL8618	1	2015
Essex Birdwatching Society	<i>Falco tinnunculus</i>	bird	Common Kestrel	Red data categories - birds (not based on IUCN criteria): Bird Population Status - amber	Mobile-TL8618	TL8618	2	2014
Essex Birdwatching Society	<i>Falco tinnunculus</i>	bird	Common Kestrel	Red data categories - birds (not based on IUCN criteria): Bird Population Status - amber	Messing Road, Tiptree	TL8917	1	2015
Essex Field Club	<i>Filago minima</i>	flowering plant	Small Cudweed	Red listing based on 2001 IUCN guidelines (from 2014): Near Threatened	TL8816	TL8816	1	1988
Essex Field Club	<i>Filago vulgaris</i>	flowering plant	Common Cudweed	Red listing based on 2001 IUCN guidelines (from 2005): Near Threatened, Red listing based on 2001 IUCN guidelines (from 2014): Near Threatened	Kelvedon C.P., Coggeshall Farm	TL8619	1	2016
Essex Field Club	<i>Filago vulgaris</i>	flowering plant	Common Cudweed	Red listing based on 2001 IUCN guidelines (from 2005): Near Threatened, Red listing based on 2001 IUCN guidelines (from 2014): Near Threatened	TL8816	TL8816	1	1988
Essex Field Club	<i>Filago vulgaris</i>	flowering plant	Common Cudweed	Red listing based on 2001 IUCN guidelines (from 2005): Near Threatened, Red listing based on 2001 IUCN guidelines (from 2014): Near Threatened	TL8716	TL8716	1	1989

Essex Field Club	<i>Filago vulgaris</i>	flowering plant	Common Cudweed	Red listing based on 2001 IUCN guidelines (from 2005): Near Threatened, Red listing based on 2001 IUCN guidelines (from 2014): Near Threatened	Tiptree gravel pit, Inworth Grange	TL8815	1	1991
Essex Field Club	<i>Filago vulgaris</i>	flowering plant	Common Cudweed	Red listing based on 2001 IUCN guidelines (from 2005): Near Threatened, Red listing based on 2001 IUCN guidelines (from 2014): Near Threatened	TL8918	TL8918	1	1988
Essex Field Club	<i>Filago vulgaris</i>	flowering plant	Common Cudweed	Red listing based on 2001 IUCN guidelines (from 2005): Near Threatened, Red listing based on 2001 IUCN guidelines (from 2014): Near Threatened	TL8719	TL8719	1	1989
Essex Field Club	<i>Filago vulgaris</i>	flowering plant	Common Cudweed	Red listing based on 2001 IUCN guidelines (from 2005): Near Threatened, Red listing based on 2001 IUCN guidelines (from 2014): Near Threatened	TL8616	TL8616	1	1989
Essex Field Club	<i>Fragaria vesca</i>	flowering plant	Wild Strawberry	Red listing based on 2001 IUCN guidelines (from 2014): Near Threatened	TL8615	TL8615	1	1988
Essex Field Club	<i>Fragaria vesca</i>	flowering plant	Wild Strawberry	Red listing based on 2001 IUCN guidelines (from 2014): Near Threatened	TL9016	TL9016	1	1987
Essex Field Club	<i>Fragaria vesca</i>	flowering plant	Wild Strawberry	Red listing based on 2001 IUCN guidelines (from 2014): Near Threatened	TL8916	TL8916	1	1988
Essex Field Club	<i>Fragaria vesca</i>	flowering plant	Wild Strawberry	Red listing based on 2001 IUCN guidelines (from 2014): Near Threatened	TL8815	TL8815	1	1986
Essex Field Club	<i>Fragaria vesca</i>	flowering plant	Wild Strawberry	Red listing based on 2001 IUCN guidelines (from 2014): Near Threatened	TL9018	TL9018	1	1985
Essex Field Club	<i>Fragaria vesca</i>	flowering plant	Wild Strawberry	Red listing based on 2001 IUCN guidelines (from 2014): Near Threatened	TL9015	TL9015	1	1987
Essex Field Club	<i>Fragaria vesca</i>	flowering plant	Wild Strawberry	Red listing based on 2001 IUCN guidelines (from 2014): Near Threatened	TL8816	TL8816	1	1988
Essex Field Club	<i>Hottonia palustris</i>	flowering plant	Water-violet	Red listing based on 2001 IUCN guidelines (from 2014): Vulnerable	TL8917	TL8917	1	1989

Essex Field Club	<i>Hottonia palustris</i>	flowering plant	Water-violet	Red listing based on 2001 IUCN guidelines (from 2014): Vulnerable	Pods Wood	TL8917	1	1991
Essex Field Club	<i>Hottonia palustris</i>	flowering plant	Water-violet	Red listing based on 2001 IUCN guidelines (from 2014): Vulnerable	Pods Wood	TL900176	1	1997
Essex Field Club	<i>Hottonia palustris</i>	flowering plant	Water-violet	Red listing based on 2001 IUCN guidelines (from 2014): Vulnerable	Coneyfield Wood	TL898182	1	1993
Essex Field Club	<i>Knautia arvensis</i>	flowering plant	Field Scabious	Red listing based on 2001 IUCN guidelines (from 2014): Near Threatened	TL8617	TL8617	1	1989
Essex Field Club	<i>Knautia arvensis</i>	flowering plant	Field Scabious	Red listing based on 2001 IUCN guidelines (from 2014): Near Threatened	TL8919	TL8919	1	1987
Essex Field Club	<i>Knautia arvensis</i>	flowering plant	Field Scabious	Red listing based on 2001 IUCN guidelines (from 2014): Near Threatened	TL8818	TL8818	1	1985
Essex Field Club	<i>Knautia arvensis</i>	flowering plant	Field Scabious	Red listing based on 2001 IUCN guidelines (from 2014): Near Threatened	TL8719	TL8719	1	1989
Essex Field Club	<i>Knautia arvensis</i>	flowering plant	Field Scabious	Red listing based on 2001 IUCN guidelines (from 2014): Near Threatened	TL8619	TL8619	1	1984
Essex Field Club	<i>Knautia arvensis</i>	flowering plant	Field Scabious	Red listing based on 2001 IUCN guidelines (from 2014): Near Threatened	TL9018	TL9018	1	1985
Essex Field Club	<i>Knautia arvensis</i>	flowering plant	Field Scabious	Red listing based on 2001 IUCN guidelines (from 2014): Near Threatened	Kelvedon, River Blackwater	TL8619	1	2016
Essex Field Club	<i>Knautia arvensis</i>	flowering plant	Field Scabious	Red listing based on 2001 IUCN guidelines (from 2014): Near Threatened	TL8819	TL8819	1	1987
Essex Field Club	<i>Knautia arvensis</i>	flowering plant	Field Scabious	Red listing based on 2001 IUCN guidelines (from 2014): Near Threatened	TL8816	TL8816	1	1988
Essex Field Club	<i>Knautia arvensis</i>	flowering plant	Field Scabious	Red listing based on 2001 IUCN guidelines (from 2014): Near Threatened	TL8718	TL8718	1	1989
Essex Field Club	<i>Knautia arvensis</i>	flowering plant	Field Scabious	Red listing based on 2001 IUCN guidelines (from 2014): Near Threatened	TL9019	TL9019	1	1987
Essex Birdwatching Society	<i>Larus argentatus</i>	bird	Herring Gull	Red data categories - birds (not based on IUCN criteria): Bird Population Status - red	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	4	2017



Essex Birdwatching Society	<i>Larus argentatus</i>	bird	Herring Gull	Red data categories - birds (not based on IUCN criteria): Bird Population Status - red	Kelvedon - Home & Brockwell	TL8618	1	2014
Essex Birdwatching Society	<i>Larus fuscus</i>	bird	Lesser Black-backed Gull	Red data categories - birds (not based on IUCN criteria): Bird Population Status - amber	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	1	2017
Essex Birdwatching Society	<i>Larus fuscus</i>	bird	Lesser Black-backed Gull	Red data categories - birds (not based on IUCN criteria): Bird Population Status - amber	Perrywoods, Tiptree	TL8817	1	2015
Essex Field Club	<i>Lasiommata megera</i>	insect - butterfly	Wall	Red listing based on 2001 IUCN guidelines (from 2010): Near Threatened	Kelvedon: garden	TL865188	1	1996
Essex Field Club	<i>Lasiommata megera</i>	insect - butterfly	Wall	Red listing based on 2001 IUCN guidelines (from 2010): Near Threatened	Tiptree	TL8916	1	1998
Essex Field Club	<i>Lepidium campestre</i>	flowering plant	Field Pepperwort	Red listing based on 2001 IUCN guidelines (from 2014): Near Threatened	Tiptree gravel pit, Inworth Grange	TL886159	1	1991
Essex Birdwatching Society	<i>Linaria cannabina</i>			Red data categories - birds (not based on IUCN criteria): Bird Population Status - red	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	3	2017
Essex Field Club	<i>Mentha arvensis</i>	flowering plant	Corn Mint	Red listing based on 2001 IUCN guidelines (from 2014): Near Threatened	TL8919	TL8919	1	1987
Essex Field Club	<i>Mentha arvensis</i>	flowering plant	Corn Mint	Red listing based on 2001 IUCN guidelines (from 2014): Near Threatened	TL8817	TL8817	1	1984
Essex Field Club	<i>Mentha arvensis</i>	flowering plant	Corn Mint	Red listing based on 2001 IUCN guidelines (from 2014): Near Threatened	TL8718	TL8718	1	1989
Essex Field Club	<i>Mentha arvensis</i>	flowering plant	Corn Mint	Red listing based on 2001 IUCN guidelines (from 2014): Near Threatened	TL8615	TL8615	1	1988
Essex Field Club	<i>Mentha arvensis</i>	flowering plant	Corn Mint	Red listing based on 2001 IUCN guidelines (from 2014): Near Threatened	TL9017	TL9017	1	1987
Essex Field Club	<i>Mentha arvensis</i>	flowering plant	Corn Mint	Red listing based on 2001 IUCN guidelines (from 2014): Near Threatened	TL8818	TL8818	1	1985
Essex Field Club	<i>Mentha arvensis</i>	flowering plant	Corn Mint	Red listing based on 2001 IUCN guidelines (from 2014): Near Threatened	TL8816	TL8816	1	1988

Essex Field Club	<i>Mentha arvensis</i>	flowering plant	Corn Mint	Red listing based on 2001 IUCN guidelines (from 2014): Near Threatened	TL8716	TL8716	1	1977
Essex Birdwatching Society	<i>Motacilla cinerea</i>	bird	Grey Wagtail	Red data categories - birds (not based on IUCN criteria): Bird Population Status - red	Kelvedon, Station	TL8619	1	2017
Essex Birdwatching Society	<i>Motacilla cinerea</i>	bird	Grey Wagtail	Red data categories - birds (not based on IUCN criteria): Bird Population Status - red	Kelvedon - Home & Brockwell	TL8618	1	2015
Essex Birdwatching Society	<i>Motacilla cinerea</i>	bird	Grey Wagtail	Red data categories - birds (not based on IUCN criteria): Bird Population Status - red	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	6	2017
Essex Birdwatching Society	<i>Muscicapa striata</i>	bird	Spotted Flycatcher	Red data categories - birds (not based on IUCN criteria): Bird Population Status - red	Kelvedon	TL8618	1	2015
Essex Field Club	<i>Myosurus minimus</i>	flowering plant	Mousetail	Red listing based on 2001 IUCN guidelines (from 2005): Vulnerable, Red listing based on 2001 IUCN guidelines (from 2014): Vulnerable	TL8815	TL8815	1	1988
Essex Field Club	<i>Nomada fucata</i>	insect - hymenopteran	a cuckoo bee	Rare and scarce species (not based on IUCN criteria): Nationally Notable A	Inworth Grange Quarry	TL885159	1	2011
Essex Field Club	<i>Nysson trimaculatus</i>	insect - hymenopteran	a digger wasp	Rare and scarce species (not based on IUCN criteria): Nationally Notable B	Coneyfield Wood	TL897183	1	1996
Essex Field Club	<i>Papaver argemone</i>	flowering plant	Prickly Poppy	Red listing based on 2001 IUCN guidelines (from 2014): Endangered, Red listing based on 2001 IUCN guidelines (from 2005): Vulnerable	Kelvedon C.P. Railway Station area	TL862192	1	2018
Essex Birdwatching Society	<i>Passer domesticus</i>	bird	House Sparrow	Red data categories - birds (not based on IUCN criteria): Bird Population Status - red	Perrywoods, Tiptree	TL8817	1	2015
Essex Birdwatching Society	<i>Passer domesticus</i>	bird	House Sparrow	Red data categories - birds (not based on IUCN criteria): Bird Population Status - red	Kelvedon - Home & Brockwell	TL8618	7	2015
Essex Birdwatching Society	<i>Passer domesticus</i>	bird	House Sparrow	Red data categories - birds (not based on IUCN criteria): Bird Population Status - red	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	35	2017
Essex Birdwatching Society	<i>Passer domesticus</i>	bird	House Sparrow	Red data categories - birds (not based on IUCN criteria): Bird Population Status - red	Feering Village	TL8719	3	2017
Essex Field Club	<i>Philodromus albidus</i>	spider (Araneae)		Rare and scarce species (not based on IUCN criteria) 1990: Nationally Notable	Coneyfield Wood	TL8918	4	1996

Essex Field Club	<i>Philodromus collinus</i>	spider (Araneae)		Rare and scarce species (not based on IUCN criteria) 1990: Nationally Notable, Rare and scarce species (not based on IUCN criteria) 2012: pNationally Scarce B	Pods Wood	TL9017	2	1991
Essex Field Club	<i>Phrurolithus minimus</i>	spider (Araneae)		Rare and scarce species (not based on IUCN criteria) 1990: Nationally Notable, Rare and scarce species (not based on IUCN criteria) 2012: pNationally Scarce A	Coneyfield Wood	TL897183	6	1996
Essex Birdwatching Society	<i>Phylloscopus trochilus</i>	bird	Willow Warbler	Red data categories - birds (not based on IUCN criteria): Bird Population Status - amber	Pods Wood	TL9017	1	2017
Essex Birdwatching Society	<i>Phylloscopus trochilus</i>	bird	Willow Warbler	Red data categories - birds (not based on IUCN criteria): Bird Population Status - amber	Feering Village	TL8719	1	2017
Essex Birdwatching Society	<i>Phylloscopus trochilus</i>	bird	Willow Warbler	Red data categories - birds (not based on IUCN criteria): Bird Population Status - amber	Tiptree Landfill	TL8815	1	2013
Essex Birdwatching Society	<i>Phylloscopus trochilus</i>	bird	Willow Warbler	Red data categories - birds (not based on IUCN criteria): Bird Population Status - amber	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	1	2017
Essex Field Club	<i>Physella acuta</i>	mollusc		Red listing based on 2001 IUCN guidelines (from 2014): Not Evaluated	Main Lake, Inworth Grange Pits	TL886159	1	2011
Essex Field Club	<i>Physella acuta</i>	mollusc		Red listing based on 2001 IUCN guidelines (from 2014): Not Evaluated	Main Lake, Inworth Grange Pits	TL886161	1	2011
Essex Field Club	<i>Physella acuta</i>	mollusc		Red listing based on 2001 IUCN guidelines (from 2014): Not Evaluated	Main Lake, Inworth Grange Pits	TL885160	1	2011
Essex Field Club	<i>Potamopyrgus antipodarum</i>	mollusc	Jenkins' Spire Snail	Red listing based on 2001 IUCN guidelines (from 2014): Not Evaluated	Main Lake, Inworth Grange Pits	TL886161	1	2011
Essex Birdwatching Society	<i>Prunella modularis</i>	bird	Dunnock	Red data categories - birds (not based on IUCN criteria): Bird Population Status - amber	Kelvedon - Home & Brockwell	TL8618	3	2015
Essex Birdwatching Society	<i>Prunella modularis</i>	bird	Dunnock	Red data categories - birds (not based on IUCN criteria): Bird Population Status - amber	Feering Village	TL8719	1	2017
Essex Birdwatching Society	<i>Prunella modularis</i>	bird	Dunnock	Red data categories - birds (not based on IUCN criteria): Bird Population Status - amber	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	18	2017
Essex Birdwatching Society	<i>Prunella modularis</i>	bird	Dunnock	Red data categories - birds (not based on IUCN criteria): Bird Population Status - amber	Kelvedon - Brockwell	TL8618	1	2013

Essex Birdwatching Society	<i>Prunella modularis</i>	bird	Dunnock	Red data categories - birds (not based on IUCN criteria): Bird Population Status - amber	Perrywoods, Tiptree	TL8817	1	2015
Essex Field Club	<i>Pyrola rotundifolia subsp. rotundifolia</i>	flowering plant		Rare and scarce species (not based on IUCN criteria): Nationally Scarce. Excludes Red Listed taxa, Red listing based on 2001 IUCN guidelines (from 2005): Near Threatened, Red listing based on 2001 IUCN guidelines (from 2014): Vulnerable	Tiptree gravel pit, Inworth Grange	TL887159	1	1991
Essex Birdwatching Society	<i>Pyrrhula pyrrhula</i>	bird	Eurasian Bullfinch	Red data categories - birds (not based on IUCN criteria): Bird Population Status - amber	Tiptree	TL8916	2	2014
Essex Birdwatching Society	<i>Pyrrhula pyrrhula</i>	bird	Eurasian Bullfinch	Red data categories - birds (not based on IUCN criteria): Bird Population Status - amber	Kelvedon - Home & Brockwell	TL8618	1	2015
Essex Birdwatching Society	<i>Pyrrhula pyrrhula</i>	bird	Eurasian Bullfinch	Red data categories - birds (not based on IUCN criteria): Bird Population Status - amber	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	3	2017
Essex Field Club	<i>Satyrium w-album</i>	insect - butterfly	White-letter Hairstreak	Red listing based on 2001 IUCN guidelines (from 2010): Endangered	Tiptree Heath	TL8815	1	2007
Essex Field Club	<i>Scleranthus annuus</i>	flowering plant	Annual Knawel	Red listing based on 2001 IUCN guidelines (from 2005): Endangered, Red listing based on 2001 IUCN guidelines (from 2014): Endangered	TL8816	TL8816	1	1988
Essex Field Club	<i>Scleranthus annuus</i>	flowering plant	Annual Knawel	Red listing based on 2001 IUCN guidelines (from 2005): Endangered, Red listing based on 2001 IUCN guidelines (from 2014): Endangered	TL8715	TL8715	1	1988
Essex Field Club	<i>Scleranthus annuus</i>	flowering plant	Annual Knawel	Red listing based on 2001 IUCN guidelines (from 2005): Endangered, Red listing based on 2001 IUCN guidelines (from 2014): Endangered	TL8917	TL8917	1	1988
Essex Field Club	<i>Scleranthus annuus</i>	flowering plant	Annual Knawel	Red listing based on 2001 IUCN guidelines (from 2005): Endangered, Red listing based on 2001 IUCN guidelines (from 2014): Endangered	TL8815	TL8815	1	1986
Essex Field Club	<i>Scleranthus annuus</i>	flowering plant	Annual Knawel	Red listing based on 2001 IUCN guidelines (from 2005): Endangered, Red listing based on 2001 IUCN guidelines (from 2014): Endangered	Tiptree gravel pit, Inworth Grange	TL886159	1	1991

Essex Field Club	<i>Silene flos-cuculi</i>	flowering plant	Ragged-Robin	Red listing based on 2001 IUCN guidelines (from 2014): Near Threatened	TL8619	TL8619	1	1988
Essex Field Club	<i>Silene flos-cuculi</i>	flowering plant	Ragged-Robin	Red listing based on 2001 IUCN guidelines (from 2014): Near Threatened	TL8715	TL8715	1	1988
Essex Field Club	<i>Silene flos-cuculi</i>	flowering plant	Ragged-Robin	Red listing based on 2001 IUCN guidelines (from 2014): Near Threatened	TL8616	TL8616	1	1989
Essex Field Club	<i>Spergula arvensis</i>	flowering plant	Corn Spurrey	Red listing based on 2001 IUCN guidelines (from 2005): Vulnerable, Red listing based on 2001 IUCN guidelines (from 2014): Vulnerable	TL9016	TL903163	1	1999
Essex Field Club	<i>Spergula arvensis</i>	flowering plant	Corn Spurrey	Red listing based on 2001 IUCN guidelines (from 2005): Vulnerable, Red listing based on 2001 IUCN guidelines (from 2014): Vulnerable	TL8815	TL8815	1	1986
Essex Field Club	<i>Spergula arvensis</i>	flowering plant	Corn Spurrey	Red listing based on 2001 IUCN guidelines (from 2005): Vulnerable, Red listing based on 2001 IUCN guidelines (from 2014): Vulnerable	TL8918	TL8918	1	1989
Essex Field Club	<i>Stachys arvensis</i>	flowering plant	Field Woundwort	Red listing based on 2001 IUCN guidelines (from 2005): Near Threatened, Red listing based on 2001 IUCN guidelines (from 2014): Near Threatened	TL8815	TL8815	1	1986
Essex Field Club	<i>Stachys arvensis</i>	flowering plant	Field Woundwort	Red listing based on 2001 IUCN guidelines (from 2005): Near Threatened, Red listing based on 2001 IUCN guidelines (from 2014): Near Threatened	TL8816	TL8816	1	1988
Essex Birdwatching Society	<i>Streptopelia turtur</i>	bird	European Turtle Dove	Red data categories - birds (not based on IUCN criteria): Bird Population Status - red	Tiptree	TL8916	1	2017
Essex Field Club	<i>Streptopelia turtur</i>	bird	European Turtle Dove	Red data categories - birds (not based on IUCN criteria): Bird Population Status - red	Messing CO5 9TU (garden)	TL897190	1	2012
Essex Birdwatching Society	<i>Strix aluco</i>	bird	Tawny Owl	Red data categories - birds (not based on IUCN criteria): Bird Population Status - amber	Kelvedon - Home & Brockwell	TL8618	5	2015
Essex Birdwatching Society	<i>Strix aluco</i>	bird	Tawny Owl	Red data categories - birds (not based on IUCN criteria): Bird Population Status - amber	Messing	TL8918	1	2017

Essex Birdwatching Society	<i>Strix aluco</i>	bird	Tawny Owl	Red data categories - birds (not based on IUCN criteria): Bird Population Status - amber	Kelvedon - Brockwell	TL8618	1	2013
Essex Birdwatching Society	<i>Sturnus vulgaris</i>	bird	Common Starling	Red data categories - birds (not based on IUCN criteria): Bird Population Status - red	Feering Village	TL8719	2	2017
Essex Birdwatching Society	<i>Sturnus vulgaris</i>	bird	Common Starling	Red data categories - birds (not based on IUCN criteria): Bird Population Status - red	Perrywoods, Tiptree	TL8817	1	2015
Essex Birdwatching Society	<i>Sturnus vulgaris</i>	bird	Common Starling	Red data categories - birds (not based on IUCN criteria): Bird Population Status - red	Kelvedon - Home & Brockwell	TL8618	7	2015
Essex Birdwatching Society	<i>Sturnus vulgaris</i>	bird	Common Starling	Red data categories - birds (not based on IUCN criteria): Bird Population Status - red	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	32	2017
Essex Field Club	<i>Tetragnatha pinicola</i>	spider (Araneae)		Rare and scarce species (not based on IUCN criteria) 1990: Nationally Notable	Pods Wood	TL9017	2	1992
Essex Field Club	<i>Tilia platyphyllos</i>	flowering plant	Large-leaved Lime	Rare and scarce species (not based on IUCN criteria): Nationally Scarce. Excludes Red Listed taxa	TL8819	TL8819	1	1987
Essex Birdwatching Society	<i>Turdus iliacus</i>	bird	Redwing	Red data categories - birds (not based on IUCN criteria): Bird Population Status - red	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	5	2017
Essex Birdwatching Society	<i>Turdus iliacus</i>	bird	Redwing	Red data categories - birds (not based on IUCN criteria): Bird Population Status - red	Kelvedon	TL8618	1	2015
Essex Birdwatching Society	<i>Turdus iliacus</i>	bird	Redwing	Red data categories - birds (not based on IUCN criteria): Bird Population Status - red	Kelvedon - Home & Brockwell	TL8618	4	2015
Essex Field Club	<i>Turdus philomelos</i>	bird	Song Thrush	Red data categories - birds (not based on IUCN criteria): Bird Population Status - red	Messing CO5 9TU (garden)	TL897190	1	2014
Essex Birdwatching Society	<i>Turdus philomelos</i>	bird	Song Thrush	Red data categories - birds (not based on IUCN criteria): Bird Population Status - red	Kelvedon - Home & Brockwell	TL8618	4	2015
Essex Birdwatching Society	<i>Turdus philomelos</i>	bird	Song Thrush	Red data categories - birds (not based on IUCN criteria): Bird Population Status - red	Feering Village	TL8719	1	2017
Essex Birdwatching Society	<i>Turdus philomelos</i>	bird	Song Thrush	Red data categories - birds (not based on IUCN criteria): Bird Population Status - red	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	14	2017

Essex Birdwatching Society	<i>Turdus philomelos</i>	bird	Song Thrush	Red data categories - birds (not based on IUCN criteria): Bird Population Status - red	Kelvedon - Brockwell	TL8618	1	2013
Essex Birdwatching Society	<i>Turdus pilaris</i>	bird	Fieldfare	Red data categories - birds (not based on IUCN criteria): Bird Population Status - red	Kelvedon	TL8618	1	2015
Essex Birdwatching Society	<i>Turdus pilaris</i>	bird	Fieldfare	Red data categories - birds (not based on IUCN criteria): Bird Population Status - red	Kelvedon - Home & Brockwell	TL8618	1	2015
Essex Birdwatching Society	<i>Turdus pilaris</i>	bird	Fieldfare	Red data categories - birds (not based on IUCN criteria): Bird Population Status - red	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	3	2017
Essex Birdwatching Society	<i>Turdus viscivorus</i>	bird	Mistle Thrush	Red data categories - birds (not based on IUCN criteria): Bird Population Status - red	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	13	2017
Essex Birdwatching Society	<i>Turdus viscivorus</i>	bird	Mistle Thrush	Red data categories - birds (not based on IUCN criteria): Bird Population Status - red	Feering Village	TL8719	1	2017
Essex Birdwatching Society	<i>Turdus viscivorus</i>	bird	Mistle Thrush	Red data categories - birds (not based on IUCN criteria): Bird Population Status - red	Mobile-TL9115	TL9115	1	2013
Essex Birdwatching Society	<i>Turdus viscivorus</i>	bird	Mistle Thrush	Red data categories - birds (not based on IUCN criteria): Bird Population Status - red	Kelvedon - Home & Brockwell	TL8618	1	2015
Essex Field Club	<i>Valeriana officinalis</i>	flowering plant	Common Valerian	Red listing based on 2001 IUCN guidelines (from 2014): Near Threatened	TL8919	TL8919	1	1987
Essex Field Club	<i>Valeriana officinalis</i>	flowering plant	Common Valerian	Red listing based on 2001 IUCN guidelines (from 2014): Near Threatened	River Blackwater	TL863194	1	1990
Essex Field Club	<i>Veronica officinalis</i>	flowering plant	Heath Speedwell	Red listing based on 2001 IUCN guidelines (from 2014): Near Threatened	TL8917	TL8917	2	1989
Essex Field Club	<i>Veronica officinalis</i>	flowering plant	Heath Speedwell	Red listing based on 2001 IUCN guidelines (from 2014): Near Threatened	TL8615	TL8615	1	1988
Essex Field Club	<i>Veronica officinalis</i>	flowering plant	Heath Speedwell	Red listing based on 2001 IUCN guidelines (from 2014): Near Threatened	Pods Wood	TL9017	2	1997
Essex Field Club	<i>Veronica officinalis</i>	flowering plant	Heath Speedwell	Red listing based on 2001 IUCN guidelines (from 2014): Near Threatened	Coneyfield Wood	TL8918	1	2016

Essex Field Club	<i>Veronica officinalis</i>	flowering plant	Heath Speedwell	Red listing based on 2001 IUCN guidelines (from 2014): Near Threatened	TL8918	TL8918	1	1988
Essex Field Club	<i>Veronica officinalis</i>	flowering plant	Heath Speedwell	Red listing based on 2001 IUCN guidelines (from 2014): Near Threatened	TL8716	TL8716	2	1989
Essex Field Club	<i>Veronica officinalis</i>	flowering plant	Heath Speedwell	Red listing based on 2001 IUCN guidelines (from 2014): Near Threatened	Pods Wood	TL9018	1	1997
Essex Field Club	<i>Veronica officinalis</i>	flowering plant	Heath Speedwell	Red listing based on 2001 IUCN guidelines (from 2014): Near Threatened	Pods Wood	TL8917	1	1997
Essex Field Club	<i>Veronica officinalis</i>	flowering plant	Heath Speedwell	Red listing based on 2001 IUCN guidelines (from 2014): Near Threatened	TL9017	TL9017	1	1987
Essex Field Club	<i>Viola canina</i>	flowering plant	Heath Dog-violet	Red listing based on 2001 IUCN guidelines (from 2005): Near Threatened, Red listing based on 2001 IUCN guidelines (from 2014): Vulnerable	Inworth Wood	TL883180	1	1997



## 23. Essex Red Data List Species

### Information contained in the Inventory

The Essex Red Data List was compiled in 2002 for English Nature (now Natural England), with the input of County Recorders and other county specialists and with an extensive period of consultation. The full list is available at [www.essexfieldclub.org.uk/portal/p/Essex+Red+Data+List](http://www.essexfieldclub.org.uk/portal/p/Essex+Red+Data+List).

The list is an important compilation of Essex information, helping to inform and better enable biodiversity and planning decisions throughout the county. As an internet resource, the list has been updated, with changes listed on the website.

Inclusion of species on the list is guided by the following key criteria:

- In the national Red Data List (where one exists)
- Nationally Scarce/Notable (where there is an available definition and list).
- Species which are rare, declining and/or subject to a high degree of threat in Essex (and not in either of the above categories).

Depending on the degree of regional knowledge this is related to:

- Species recorded in few modern sites (X or fewer sites, since 19XX).
- Species with restricted distribution occurring in habitats under a high degree of threat nationally and/or within the county.
- More widespread species which have undergone a substantial decline in number or distribution since 19XX.
- Species which are extinct in Essex, and for which there is significant potential for re-establishment, either naturally or through intervention.

The values of X will vary for different taxonomic groups; County Recorders and other county specialists have used their knowledge to determine the threshold values for each particular taxonomic group in Essex.

In addition, Essex Red Data List Threat Statuses have been assigned to the Arachnida, aculeate Hymenoptera, Syrphidae, larger Brachycera, Orthoptera and Odonata taxonomic groups. These threat categories are defined\* as:

### Essex Endangered

- Species known as a single population within a single post-1980 1km<sup>2</sup> or only from threatened or vulnerable sites in Essex.
- Species believed extinct in Essex.

### Essex Vulnerable

- Species known from only two populations in Essex.
- Essex Rare species which are restricted to habitats or sites known to be under threat in Essex.
- Species which only occur at sites in Essex known to be vulnerable.
- Species which have shown a continuous decline over the last twenty years and are now known to exist in less than 1% of the covered post-1980 1km<sup>2</sup> in Essex.

### **Essex Threatened**

- Essex Scarce species with a Frequency Ratio of less than 1.5 and Tetrad percentage of less than 1.0 indicating widely isolated populations within the county.
- Essex Scarce species which are restricted to habitats or sites known to be under threat in the county.
- Species which have shown a continuous decline over the last twenty years.

### **Regionally Important**

- Species which are important in a national context because Essex contains a significant proportion of the national populations.
- Species which are important in a national context because they have a close association with a specific nationally threatened habitat included in the Biodiversity Action Plan.
- Species which are important in a national context because they are dominant in or peculiar to a specific habitat for which Essex contains a large percentage of the national habitat.

\* Detailed information is available at

<http://www.essexfieldclub.org.uk/portal/p/Essex+Red+Data+threat+statuses>

Where a taxon not included in the list has been recorded from 6 or less of the 57 tetrads (10km squares) covering the Watsonian VCs 18 and 19 it has been accorded a provisional Essex Red Data List status (pListed) here.

## Essex Red Species Table

Source	Taxon	Group	Vernacular	Status	Location	Position	Records	Latest
Essex Field Club	<i>Acheta domesticus</i>	insect - orthopteran	House Cricket	Essex Red Data List: Listed	Tiptree	TL893167	2	1997
Essex Field Club	<i>Agrostis canina</i>	flowering plant	Velvet Bent	Essex Red Data List: Listed	Coneyfield Wood	TL898180	1	1993
Essex Birdwatching Society	<i>Alauda arvensis</i>	bird	Sky Lark	Essex BAP: EBAP, Essex Red Data List: Listed	Kelvedon - Station	TL8619	2	2014
Essex Birdwatching Society	<i>Alauda arvensis</i>	bird	Sky Lark	Essex BAP: EBAP, Essex Red Data List: Listed	Kelvedon - Brockwell	TL8618	1	2013
Essex Birdwatching Society	<i>Alauda arvensis</i>	bird	Sky Lark	Essex BAP: EBAP, Essex Red Data List: Listed	Inworth - Perrywoods	TL8817	1	2014
Essex Birdwatching Society	<i>Alauda arvensis</i>	bird	Sky Lark	Essex BAP: EBAP, Essex Red Data List: Listed	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	8	2017
Essex Birdwatching Society	<i>Alauda arvensis</i>	bird	Sky Lark	Essex BAP: EBAP, Essex Red Data List: Listed	Kelvedon - Home & Brockwell	TL8618	2	2015
Essex Birdwatching Society	<i>Alauda arvensis</i>	bird	Sky Lark	Essex BAP: EBAP, Essex Red Data List: Listed	Kelvedon	TL8618	1	2015
Essex Field Club	<i>Alisma lanceolatum</i>	flowering plant	Narrow-leaved Water-plantain	Essex Red Data List: Listed	TL8915	TL8915	1	1989
Essex Field Club	<i>Alopecurus aequalis</i>	flowering plant	Orange Foxtail	Essex Red Data List: Listed	Pods Wood	TL902180	1	1997
Essex Field Club	<i>Anacamptis pyramidalis</i>	flowering plant	Pyramidal Orchid	Essex Red Data List: Listed	Tiptree, Gravel Pits	TL8815	1	2015
Essex Birdwatching Society	<i>Anas clypeata</i>	bird	Northern Shoveler	Essex Red Data List: Listed	Kelvedon	TL8618	1	2013
Essex Field Club	<i>Ancylis laetana</i>	insect - moth	a moth	Essex Red Data List: pListed	Pods Wood	tl901179	2	2012
Essex Field Club	<i>Anthemis cotula</i>	flowering plant	Stinking Chamomile	Essex Red Data List: Listed	TL8816	TL8816	1	1988
Essex Field Club	<i>Anthemis cotula</i>	flowering plant	Stinking Chamomile	Essex Red Data List: Listed	TL8716	TL8716	1	1989
Essex Field Club	<i>Anthemis cotula</i>	flowering plant	Stinking Chamomile	Essex Red Data List: Listed	TL9015	TL9015	1	1987

Essex Field Club	<i>Anthemis cotula</i>	flowering plant	Stinking Chamomile	Essex Red Data List: Listed	TL8616	TL8616	1	1989
Essex Field Club	<i>Anthemis cotula</i>	flowering plant	Stinking Chamomile	Essex Red Data List: Listed	TL8918	TL8918	1	1988
Essex Field Club	<i>Anthemis cotula</i>	flowering plant	Stinking Chamomile	Essex Red Data List: Listed	TL8819	TL8819	1	1987
Essex Field Club	<i>Anthemis cotula</i>	flowering plant	Stinking Chamomile	Essex Red Data List: Listed	TL8815	TL8815	1	1986
Essex Field Club	<i>Anthemis cotula</i>	flowering plant	Stinking Chamomile	Essex Red Data List: Listed	TL9017	TL9017	1	1987
Essex Field Club	<i>Anthemis cotula</i>	flowering plant	Stinking Chamomile	Essex Red Data List: Listed	TL8715	TL8715	1	1988
Essex Field Club	<i>Anthemis cotula</i>	flowering plant	Stinking Chamomile	Essex Red Data List: Listed	TL8919	TL8919	1	1987
Essex Field Club	<i>Anthemis cotula</i>	flowering plant	Stinking Chamomile	Essex Red Data List: Listed	TL8615	TL8615	1	1988
Essex Field Club	<i>Anthemis cotula</i>	flowering plant	Stinking Chamomile	Essex Red Data List: Listed	TL8915	TL8915	1	1989
Essex Field Club	<i>Apoda limacodes</i>	insect - moth	Festoon	Essex Red Data List: Listed	Pods Wood, Tiptree	TL9017	3	2004
Essex Field Club	<i>Apodemus flavicollis</i>	terrestrial mammal	Yellow-necked Mouse	Essex Red Data List: Listed	TL882198	TL882198	3	1994
Essex Field Club	<i>Arvicola amphibius</i>	terrestrial mammal	Northern Water Vole	Essex BAP: EBAP, Essex Red Data List: Listed	TL908155	TL908155	3	2001
Essex Field Club	<i>Arvicola amphibius</i>	terrestrial mammal	Northern Water Vole	Essex BAP: EBAP, Essex Red Data List: Listed	TL872189	TL872189	6	1998
Essex Field Club	<i>Arvicola amphibius</i>	terrestrial mammal	Northern Water Vole	Essex BAP: EBAP, Essex Red Data List: Listed	TL882196	TL882196	3	1998
Essex Field Club	<i>Arvicola amphibius</i>	terrestrial mammal	Northern Water Vole	Essex BAP: EBAP, Essex Red Data List: Listed	TL861182	TL861182	6	1994
Essex Field Club	<i>Berberis vulgaris</i>	flowering plant	Barberry	Essex Red Data List: Listed	TL8819	TL8819	1	1987
Essex Birdwatching Society	<i>Botaurus stellaris</i>	bird	Eurasian Bittern	Essex BAP: EBAP, Essex Red Data List: Listed	Tiptree GP	TL8815	2	2013
Essex Field Club	<i>Bromus lepidus</i>	flowering plant	Slender Soft-brome	Essex Red Data List: Listed	TL8817	TL8817	1	1984
Essex Field Club	<i>Bromus lepidus</i>	flowering plant	Slender Soft-brome	Essex Red Data List: Listed	TL8717	TL8717	1	1984
Essex Field Club	<i>Bromus lepidus</i>	flowering plant	Slender Soft-brome	Essex Red Data List: Listed	TL8815	TL8815	1	1986
Essex Field Club	<i>Campanula rotundifolia</i>	flowering plant	Harebell	Essex Red Data List: Listed	TL8916	TL8916	1	1988

Essex Field Club	<i>Campanula rotundifolia</i>	flowering plant	Harebell	Essex Red Data List: Listed	TL9016	TL9016	1	1987
Essex Field Club	<i>Campanula rotundifolia</i>	flowering plant	Harebell	Essex Red Data List: Listed	Tiptree, churchyard	TL8916	1	2010
Essex Field Club	<i>Cardamine amara</i>	flowering plant	Large Bitter-cress	Essex Red Data List: Listed	TL9016	TL9016	1	1986
Essex Field Club	<i>Cardamine amara</i>	flowering plant	Large Bitter-cress	Essex Red Data List: Listed	Kelvedon C.P., Coggeshall Farm	TL8619	1	2016
Essex Field Club	<i>Carex nigra</i>	flowering plant	Common Sedge	Essex Red Data List: Listed	TL8817	TL8817	2	1984
Essex Field Club	<i>Carex pallescens</i>	flowering plant	Pale Sedge	Essex Red Data List: Listed	TL8917	TL8917	1	1982
Essex Field Club	<i>Carpatolechia alburnella</i>	insect - moth	a moth	Essex Red Data List: pListed	Pods Wood, Tiptree	TL9017	1	1978
Essex Field Club	<i>Cerastium arvense</i>	flowering plant	Field Mouse-ear	Essex Red Data List: Listed	TL8716	TL8716	1	1977
Essex Birdwatching Society	<i>Charadrius dubius</i>	bird	Little Ringed Plover	Essex Red Data List: Listed	Tiptree Landfill	TL8815	1	2013
Essex Field Club	<i>Clostera pigra</i>	insect - moth	Small Chocolate-tip	Essex Red Data List: Listed	Tiptree, SW of Colchester, Essex	TL8915	1	1928
Essex Field Club	<i>Cochylis nana</i>	insect - moth	a moth	Essex Red Data List: pListed	Pods Wood	tl901179	1	2012
Essex Field Club	<i>Coleophora conyzae</i>	insect - moth	a moth	Essex Red Data List: Listed	Pods Wood, Tiptree	TL8917	2	2004
Essex Field Club	<i>Coleophora limosipennella</i>	insect - moth	a moth	Essex Red Data List: pListed	Pods Wood, Tiptree	TL9017	1	2002
Essex Field Club	<i>Coleophora milvipennis</i>	insect - moth	a moth	Essex Red Data List: pListed	Pods Wood	tl901179	1	2012
Essex Field Club	<i>Criorhina ranunculi</i>	insect - true fly (Diptera)	a hoverfly	Essex Red Data List: Listed	Pods Wood	TL899175	1	2009
Essex Field Club	<i>Cyclophora porata</i>	insect - moth	False Mocha	Essex Red Data List: pListed	Tiptree, SW of Colchester, Essex	TL8915	1	1928
Essex Field Club	<i>Dactylorhiza praetermissa</i>	flowering plant	Southern Marsh-orchid	Essex Red Data List: Listed	Tiptree, Sand and Gravel Quarry	TL8816	1	2015
Essex Birdwatching Society	<i>Delichon urbicum</i>	bird	Common House Martin	Essex Red Data List: Listed	Perrywoods, Tiptree	TL8817	1	2015
Essex Birdwatching Society	<i>Delichon urbicum</i>	bird	Common House Martin	Essex Red Data List: Listed	Kelvedon - Home & Brockwell	TL8618	3	2015

Essex Birdwatching Society	<i>Delichon urbicum</i>	bird	Common House Martin	Essex Red Data List: Listed	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	10	2017
Essex Birdwatching Society	<i>Delichon urbicum</i>	bird	Common House Martin	Essex Red Data List: Listed	Kelvedon - Brockwell	TL8618	4	2013
Essex Field Club	<i>Dryopteris carthusiana</i>	fern	Narrow Buckler-Fern	Essex Red Data List: Listed	TL8918	TL8918	1	1988
Essex Field Club	<i>Dryopteris carthusiana</i>	fern	Narrow Buckler-Fern	Essex Red Data List: Listed	TL8716	TL8716	1	1986
Essex Field Club	<i>Dryopteris carthusiana</i>	fern	Narrow Buckler-Fern	Essex Red Data List: Listed	TL9017	TL9017	1	1989
Essex Field Club	<i>Dryopteris carthusiana</i>	fern	Narrow Buckler-Fern	Essex Red Data List: Listed	TL8917	TL8917	1	1988
Essex Field Club	<i>Elaphria venustula</i>	insect - moth	Rosy Marbled	Essex Red Data List: Listed	Pods Wood, Tiptree	TL8917	2	2011
Essex Birdwatching Society	<i>Emberiza citrinella</i>	bird	Yellowhammer	Essex Red Data List: Listed	Kelvedon	TL8618	1	2015
Essex Birdwatching Society	<i>Emberiza citrinella</i>	bird	Yellowhammer	Essex Red Data List: Listed	Messing	TL8918	1	2014
Essex Birdwatching Society	<i>Emberiza schoeniclus</i>	bird	Common Reed Bunting	Essex Red Data List: Listed	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	1	2017
Essex Birdwatching Society	<i>Emberiza schoeniclus</i>	bird	Common Reed Bunting	Essex Red Data List: Listed	Messing	TL8918	1	2014
Essex Birdwatching Society	<i>Emberiza schoeniclus</i>	bird	Common Reed Bunting	Essex Red Data List: Listed	Kelvedon	TL8618	1	2015
Essex Field Club	<i>Entelecara congenera</i>	spider (Araneae)		Essex Red Data List: Listed	Pods Wood	TL9017	2	1991
Essex Field Club	<i>Epilobium obscurum</i>	flowering plant	Short-fruited Willowherb	Essex Red Data List: Listed	Pods Wood	TL8917	1	1991
Essex Field Club	<i>Epilobium obscurum</i>	flowering plant	Short-fruited Willowherb	Essex Red Data List: Listed	Pods Wood	TL9017	1	1991
Essex Field Club	<i>Episinus maculipes</i>	spider (Araneae)		Essex Red Data List: Listed	Tiptree Heath	TL8815	1	1929
Essex Field Club	<i>Eptesicus serotinus</i>	terrestrial mammal	Serotine	Essex Red Data List: Listed	TL908152	TL908152	3	1985
Essex Field Club	<i>Equisetum sylvaticum</i>	horsetail	Wood Horsetail	Essex Red Data List: Listed	TL8916	TL898163	1	2003

Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Essex Red Data List: Listed	TL880177	TL880177	2	2014
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Essex Red Data List: Listed	TL896174	TL896174	5	2011
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Essex Red Data List: Listed	Messing CO5 9TU (garden)	TL897190	2	2012
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Essex Red Data List: Listed	TL890156	TL890156	4	2007
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Essex Red Data List: Listed	TL877162	TL877162	4	1995
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Essex Red Data List: Listed	TL895157	TL895157	4	1995
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Essex Red Data List: Listed	TL889156	TL889156	4	2006
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Essex Red Data List: Listed	TL906183	TL906183	4	1995
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Essex Red Data List: Listed	TL875159	TL875159	4	1995
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Essex Red Data List: Listed	TL894169	TL894169	5	1995
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Essex Red Data List: Listed	TL887172	TL887172	4	1995
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Essex Red Data List: Listed	TL901158	TL901158	4	1998
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Essex Red Data List: Listed	TL863189	TL863189	6	2007
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Essex Red Data List: Listed	TL893157	TL893157	4	1998
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Essex Red Data List: Listed	TL886153	TL886153	4	2007
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Essex Red Data List: Listed	TL897157	TL897157	4	2009
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Essex Red Data List: Listed	TL860186	TL860186	6	1994
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Essex Red Data List: Listed	TL891157	TL891157	8	2011
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Essex Red Data List: Listed	TL879184	TL879184	5	1995
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Essex Red Data List: Listed	TL895176	TL895176	5	1995
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Essex Red Data List: Listed	TL889171	TL889171	4	2004

Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Essex Red Data List: Listed	TL908163	TL908163	3	1995
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Essex Red Data List: Listed	TL875192	TL875192	6	1995
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Essex Red Data List: Listed	TL894176	TL894176	5	2010
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Essex Red Data List: Listed	TL889153	TL889153	4	2012
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Essex Red Data List: Listed	TL905183	TL905183	4	1995
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Essex Red Data List: Listed	TL863193	TL863193	6	1998
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Essex Red Data List: Listed	TL894156	TL894156	4	2009
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Essex Red Data List: Listed	TL887154	TL887154	4	1995
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Essex Red Data List: Listed	TL897189	TL897189	4	1995
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Essex Red Data List: Listed	TL862196	TL862196	5	1995
Essex Field Club	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Essex Red Data List: Listed	TL891160	TL891160	3	2015
EFC Schemes	<i>Erinaceus europaeus</i>	terrestrial mammal	Western Hedgehog	Essex Red Data List: Listed	Tiptree	TL894172	1	2012
Essex Field Club	<i>Eriocrania sangii</i>	insect - moth	a moth	Essex Red Data List: pListed	Pods Wood	TL901179	1	2012
Essex Birdwatching Society	<i>Falco subbuteo</i>	bird	Eurasian Hobby	Essex Red Data List: Listed	Inworth	TL8817	1	2017
Essex Birdwatching Society	<i>Falco subbuteo</i>	bird	Eurasian Hobby	Essex Red Data List: Listed	Tiptree	TL8916	1	2017
Essex Field Club	<i>Frangula alnus</i>	flowering plant	Alder Buckthorn	Essex Red Data List: Listed	TL9016	TL9016	1	1986
Essex Field Club	<i>Geranium pratense</i>	flowering plant	Meadow Crane's-bill	Essex Red Data List: Listed	Shell Garage, Tiptree	TL894168	1	1999
Essex Field Club	<i>Gyraulus laevis</i>	mollusc	Smooth Ram's-horn	Essex Red Data List: Listed	Main Lake, Inworth Grange Pits	TL886161	1	2011
Essex Field Club	<i>Gyraulus laevis</i>	mollusc	Smooth Ram's-horn	Essex Red Data List: Listed	Main Lake, Inworth Grange Pits	TL886159	1	2011
Essex Field Club	<i>Hedychridium roseum</i>	insect - hymenopteran	a cuckoo wasp	Essex Red Data List: Listed	Pods Wood	TL903178	2	1999



Essex Field Club	<i>Herniosina bequaerti</i>	insect - true fly (Diptera)		Essex Red Data List: pListed	Coneyfield Wood	TL897183	1	1996
Essex Field Club	<i>Hottonia palustris</i>	flowering plant	Water-violet	Essex Red Data List: Listed	TL8917	TL8917	1	1989
Essex Field Club	<i>Hottonia palustris</i>	flowering plant	Water-violet	Essex Red Data List: Listed	Pods Wood	TL8917	1	1991
Essex Field Club	<i>Hottonia palustris</i>	flowering plant	Water-violet	Essex Red Data List: Listed	Pods Wood	TL900176	1	1997
Essex Field Club	<i>Hottonia palustris</i>	flowering plant	Water-violet	Essex Red Data List: Listed	Coneyfield Wood	TL898182	1	1993
Essex Field Club	<i>Hypericum pulchrum</i>	flowering plant	Slender St John's-wort	Essex Red Data List: Listed	TL8917	TL8917	1	1988
Essex Field Club	<i>Hypericum pulchrum</i>	flowering plant	Slender St John's-wort	Essex Red Data List: Listed	Pods Wood	TL9018	1	1997
Essex Field Club	<i>Hypericum pulchrum</i>	flowering plant	Slender St John's-wort	Essex Red Data List: Listed	Pods Wood	TL8917	1	1991
Essex Field Club	<i>Hypericum pulchrum</i>	flowering plant	Slender St John's-wort	Essex Red Data List: Listed	TL8918	TL8918	1	1988
Essex Field Club	<i>Hypericum pulchrum</i>	flowering plant	Slender St John's-wort	Essex Red Data List: Listed	TL8616	TL8616	1	1989
Essex Field Club	<i>Hypericum pulchrum</i>	flowering plant	Slender St John's-wort	Essex Red Data List: Listed	Pods Wood	TL9017	1	1991
Essex Field Club	<i>Hypericum pulchrum</i>	flowering plant	Slender St John's-wort	Essex Red Data List: Listed	Coneyfield Wood	TL898179	1	1993
Essex Field Club	<i>Hypericum pulchrum</i>	flowering plant	Slender St John's-wort	Essex Red Data List: Listed	TL9018	TL9018	1	1985
Essex Field Club	<i>Hysterophora maculosana</i>	insect - moth	a moth	Essex Red Data List: pListed	Pods Wood	TL901179	3	2012
Essex Field Club	<i>Lepus europaeus</i>	terrestrial mammal	Brown Hare	Essex BAP: EBAP, Essex Red Data List: Listed	TL860180	TL860180	6	1997
Essex Field Club	<i>Lepus europaeus</i>	terrestrial mammal	Brown Hare	Essex BAP: EBAP, Essex Red Data List: Listed	TL885173	TL885173	4	1995
Essex Field Club	<i>Lepus europaeus</i>	terrestrial mammal	Brown Hare	Essex BAP: EBAP, Essex Red Data List: Listed	TL871153	TL871153	4	2004
Essex Field Club	<i>Lepus europaeus</i>	terrestrial mammal	Brown Hare	Essex BAP: EBAP, Essex Red Data List: Listed	TL876169	TL876169	5	2010
Essex Field Club	<i>Lepus europaeus</i>	terrestrial mammal	Brown Hare	Essex BAP: EBAP, Essex Red Data List: Listed	TL870161	TL870161	4	1997
Essex Field Club	<i>Lepus europaeus</i>	terrestrial mammal	Brown Hare	Essex BAP: EBAP, Essex Red Data List: Listed	TL874173	TL874173	5	2012
Essex Field Club	<i>Lepus europaeus</i>	terrestrial mammal	Brown Hare	Essex BAP: EBAP, Essex Red Data List: Listed	TL869179	TL869179	6	2012

Essex Field Club	<i>Lepus europaeus</i>	terrestrial mammal	Brown Hare	Essex BAP: EBAP, Essex Red Data List: Listed	TL874158	TL874158	4	1999
Essex Field Club	<i>Lepus europaeus</i>	terrestrial mammal	Brown Hare	Essex BAP: EBAP, Essex Red Data List: Listed	TL865172	TL865172	5	1996
Essex Field Club	<i>Lepus europaeus</i>	terrestrial mammal	Brown Hare	Essex BAP: EBAP, Essex Red Data List: Listed	TL893187	TL893187	3	2007
Essex Field Club	<i>Lepus europaeus</i>	terrestrial mammal	Brown Hare	Essex BAP: EBAP, Essex Red Data List: Listed	TL872153	TL872153	4	2001
Essex Field Club	<i>Lepus europaeus</i>	terrestrial mammal	Brown Hare	Essex BAP: EBAP, Essex Red Data List: Listed	TL860176	TL860176	2	2015
Essex Field Club	<i>Lepus europaeus</i>	terrestrial mammal	Brown Hare	Essex BAP: EBAP, Essex Red Data List: Listed	TL879155	TL879155	4	2003
Essex Field Club	<i>Lepus europaeus</i>	terrestrial mammal	Brown Hare	Essex BAP: EBAP, Essex Red Data List: Listed	TL870171	TL870171	1	2015
Essex Field Club	<i>Lepus europaeus</i>	terrestrial mammal	Brown Hare	Essex BAP: EBAP, Essex Red Data List: Listed	TL876154	TL876154	4	2001
Essex Field Club	<i>Lepus europaeus</i>	terrestrial mammal	Brown Hare	Essex BAP: EBAP, Essex Red Data List: Listed	TL870154	TL870154	4	1999
Essex Field Club	<i>Lepus europaeus</i>	terrestrial mammal	Brown Hare	Essex BAP: EBAP, Essex Red Data List: Listed	TL874159	TL874159	4	2003
Essex Field Club	<i>Lepus europaeus</i>	terrestrial mammal	Brown Hare	Essex BAP: EBAP, Essex Red Data List: Listed	TL868169	TL868169	5	1996
Essex Field Club	<i>Lepus europaeus</i>	terrestrial mammal	Brown Hare	Essex BAP: EBAP, Essex Red Data List: Listed	TL904199	TL904199	3	1995
Essex Field Club	<i>Lepus europaeus</i>	terrestrial mammal	Brown Hare	Essex BAP: EBAP, Essex Red Data List: Listed	TL872159	TL872159	4	2001
Essex Field Club	<i>Lobesia reliquana</i>	insect - moth	a moth	Essex Red Data List: pListed	Pods Wood, Tiptree	TL9017	1	2011
Essex Field Club	<i>Lutra lutra</i>	terrestrial mammal	Otter	Essex BAP: EBAP, Essex Red Data List: Listed	TL865193	TL865193	7	1998
Essex Field Club	<i>Lutra lutra</i>	terrestrial mammal	Otter	Essex BAP: EBAP, Essex Red Data List: Listed	TL860180	TL860180	6	1998
Essex Field Club	<i>Lutra lutra</i>	terrestrial mammal	Otter	Essex BAP: EBAP, Essex Red Data List: Listed	TL906153	TL906153	3	1998
Essex Field Club	<i>Lutra lutra</i>	terrestrial mammal	Otter	Essex BAP: EBAP, Essex Red Data List: Listed	TL863194	TL863194	2	2016
Essex Field Club	<i>Lythrum portula</i>	flowering plant	Water-purslane	Essex Red Data List: Listed	Coneyfield Wood	TL898180	1	1993
Essex Field Club	<i>Lythrum portula</i>	flowering plant	Water-purslane	Essex Red Data List: Listed	TL8918	TL8918	1	1988
Essex Field Club	<i>Lythrum portula</i>	flowering plant	Water-purslane	Essex Red Data List: Listed	Pods Wood	TL901181	1	1991

Essex Field Club	<i>Lythrum portula</i>	flowering plant	Water-purslane	Essex Red Data List: Listed	Pods Wood	TL902180	1	1997
Essex Field Club	<i>Megaselia ruficornis</i>	insect - true fly (Diptera)		Essex Red Data List: pListed	Coneyfield Wood	TL897183	2	1996
Essex Field Club	<i>Melangyna lasiophthalma</i>	insect - true fly (Diptera)	a hoverfly	Essex Red Data List: pListed	Pods Wood	TL8917	3	1987
Essex Field Club	<i>Meles meles</i>	terrestrial mammal	Badger	Essex Red Data List: Listed	TL875190	TL875190	6	1998
Essex Field Club	<i>Meles meles</i>	terrestrial mammal	Badger	Essex Red Data List: Listed	TL899180	TL899180	4	2004
Essex Field Club	<i>Meles meles</i>	terrestrial mammal	Badger	Essex Red Data List: Listed	TL880180	TL880180	4	1996
Essex Field Club	<i>Meles meles</i>	terrestrial mammal	Badger	Essex Red Data List: Listed	TL909183	TL909183	4	1999
Essex Field Club	<i>Meles meles</i>	terrestrial mammal	Badger	Essex Red Data List: Listed	TL877191	TL877191	6	1999
Essex Field Club	<i>Meles meles</i>	terrestrial mammal	Badger	Essex Red Data List: Listed	TL908182	TL908182	4	2011
Essex Field Club	<i>Meles meles</i>	terrestrial mammal	Badger	Essex Red Data List: Listed	TL876153	TL876153	4	2003
Essex Field Club	<i>Meles meles</i>	terrestrial mammal	Badger	Essex Red Data List: Listed	TL903182	TL903182	5	2011
Essex Field Club	<i>Meles meles</i>	terrestrial mammal	Badger	Essex Red Data List: Listed	TL865179	TL865179	6	2012
Essex Field Club	<i>Meles meles</i>	terrestrial mammal	Badger	Essex Red Data List: Listed	TL898177	TL898177	5	2009
Essex Field Club	<i>Meles meles</i>	terrestrial mammal	Badger	Essex Red Data List: Listed	TL878186	TL878186	6	2006
Essex Field Club	<i>Meles meles</i>	terrestrial mammal	Badger	Essex Red Data List: Listed	TL908184	TL908184	4	1999
Essex Field Club	<i>Meles meles</i>	terrestrial mammal	Badger	Essex Red Data List: Listed	TL877150	TL877150	4	2009
Essex Field Club	<i>Meles meles</i>	terrestrial mammal	Badger	Essex Red Data List: Listed	TL907187	TL907187	8	2013
Essex Field Club	<i>Meligrama trianguliferum</i>	insect - true fly (Diptera)	a hoverfly	Essex Red Data List: Listed	Pods Wood	TL8917	2	1987
Essex Field Club	<i>Muscardinus avellanarius</i>	terrestrial mammal	Hazel Dormouse	Essex BAP: EBAP, Essex Red Data List: Listed	TL901179	TL901179	5	2011
Essex Field Club	<i>Muscardinus avellanarius</i>	terrestrial mammal	Hazel Dormouse	Essex BAP: EBAP, Essex Red Data List: Listed	TL903181	TL903181	5	2011
Essex Field Club	<i>Muscardinus avellanarius</i>	terrestrial mammal	Hazel Dormouse	Essex BAP: EBAP, Essex Red Data List: Listed	TL872165	TL872165	5	2010

Essex Birdwatching Society	<i>Muscicapa striata</i>	bird	Spotted Flycatcher	Essex Red Data List: Listed	Kelvedon	TL8618	1	2015
Essex Field Club	<i>Mustela putorius</i>	Terrestrial mammal	Western Polecat	Essex Red Data List: Listed	TL877193	TL877193	2	2017
Essex Field Club	<i>Myosotis discolor</i>	flowering plant	Changing Forget-me-not	Essex Red Data List: Listed	Tiptree gravel pit, Inworth Grange	TL8816	1	1999
Essex Field Club	<i>Myosotis discolor</i>	flowering plant	Changing Forget-me-not	Essex Red Data List: Listed	TL9018	TL9018	1	1985
Essex Field Club	<i>Myosurus minimus</i>	flowering plant	Mousetail	Essex Red Data List: Listed	TL8815	TL8815	1	1988
Essex Field Club	<i>Nomada fucata</i>	insect - hymenopteran	a cuckoo bee	Essex Red Data List: Listed	Inworth Grange Quarry	TL885159	1	2011
Essex Field Club	<i>Nyctalus noctula</i>	terrestrial mammal	Noctule Bat	Essex Red Data List: Listed	TL862181	TL862181	6	1986
Essex Field Club	<i>Nysson trimaculatus</i>	insect - hymenopteran	a digger wasp	Essex Red Data List: Listed	Coneyfield Wood	TL897183	1	1996
Essex Field Club	<i>Oenanthe fluviatilis</i>	flowering plant	River Water-dropwort	Essex Red Data List: Listed	Kelvedon, River Blackwater, Greys Mill	TL8618	1	2013
Essex Field Club	<i>Oenanthe fluviatilis</i>	flowering plant	River Water-dropwort	Essex Red Data List: Listed	Kelvedon, River Blackwater by railway station	TL864193	1	2011
Essex Field Club	<i>Oreopteris limbosperma</i>	fern	Lemon-scented Fern	Essex Red Data List: Listed	TL8917	TL8917	1	1980
Essex Field Club	<i>Papaver argemone</i>	flowering plant	Prickly Poppy	Essex Red Data List: Listed	Kelvedon C.P. Railway Station area	TL862192	1	2018
Essex Field Club	<i>Persicaria bistorta</i>	flowering plant	Common Bistort	Essex Red Data List: Listed	TL8717	TL8717	1	1984
Essex Field Club	<i>Philodromus collinus</i>	spider (Araneae)		Essex Red Data List: Listed	Pods Wood	TL9017	2	1991
Essex Field Club	<i>Phrurolithus minimus</i>	spider (Araneae)		Essex Red Data List: Listed	Coneyfield Wood	TL897183	6	1996
Essex Field Club	<i>Phytomyza ilicis</i>	insect - true fly (Diptera)		Essex Red Data List: pListed	Tiptree, Grove Road Playing Fields	TL899163	1	2012
Essex Field Club	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Common Pipistrelle	Essex BAP: EBAP, Essex Red Data List: Listed	TL876152	TL876152	4	2010
Essex Field Club	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Common Pipistrelle	Essex BAP: EBAP, Essex Red Data List: Listed	TL895179	TL895179	5	2010
Essex Bat Group	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Common Pipistrelle	Essex BAP: EBAP, Essex Red Data List: Listed	Tiptree, 55 Vine Road	TL890165	1	2008

Essex Field Club	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Common Pipistrelle	Essex BAP: EBAP, Essex Red Data List: Listed	TL882152	TL882152	4	2010
Essex Field Club	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Common Pipistrelle	Essex BAP: EBAP, Essex Red Data List: Listed	TL876169	TL876169	5	2010
Essex Field Club	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Common Pipistrelle	Essex BAP: EBAP, Essex Red Data List: Listed	TL860181	TL860181	6	2010
Essex Field Club	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Common Pipistrelle	Essex BAP: EBAP, Essex Red Data List: Listed	TL888187	TL888187	4	2010
Essex Bat Group	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Common Pipistrelle	Essex BAP: EBAP, Essex Red Data List: Listed	Olley walk, Tiptree CO5 0FG	TL903165	1	2015
Essex Field Club	<i>Pipistrellus pipistrellus</i>	terrestrial mammal	Common Pipistrelle	Essex BAP: EBAP, Essex Red Data List: Listed	TL880170	TL880170	4	2010
Essex Field Club	<i>Pipistrellus pygmaeus</i>	terrestrial mammal	Soprano Pipistrelle	Essex Red Data List: Listed	TL894183	TL894183	4	2010
Essex Field Club	<i>Pipistrellus pygmaeus</i>	terrestrial mammal	Soprano Pipistrelle	Essex Red Data List: Listed	TL860181	TL860181	6	2010
Essex Bat Group	<i>Pipistrellus pygmaeus</i>	terrestrial mammal	Soprano Pipistrelle	Essex Red Data List: Listed	Tiptree	TL890165	1	2008
Essex Field Club	<i>Plecotus auritus</i>	terrestrial mammal	Brown Long-eared Bat	Essex Red Data List: Listed	TL898165	TL898165	5	1987
Essex Bat Group	<i>Plecotus auritus</i>	terrestrial mammal	Brown Long-eared Bat	Essex Red Data List: Listed	Feering	TL883196	1	2011
Essex Field Club	<i>Plecotus auritus</i>	terrestrial mammal	Brown Long-eared Bat	Essex Red Data List: Listed	TL864190	TL864190	6	1987
Essex Field Club	<i>Populus nigra subsp. betulifolia</i>	flowering plant	Black Poplar	Essex BAP: EBAP, Essex Red Data List: Listed	TL9015	TL905152	1	1999
Essex Field Club	<i>Potentilla anglica</i>	flowering plant	Trailing Tormentil	Essex Red Data List: Listed	Pods Wood	TL899179	1	1997
Essex Field Club	<i>Ptocheuusa paupella</i>	insect - moth	a moth	Essex Red Data List: pListed	Kelvedon.	tl862191	1	2016
Essex Field Club	<i>Pyrola rotundifolia subsp. rotundifolia</i>	flowering plant		Essex Red Data List: Listed	Tiptree gravel pit, Inworth Grange	TL887159	1	1991
Essex Birdwatching Society	<i>Pyrrhula pyrrhula</i>	bird	Eurasian Bullfinch	Essex Red Data List: Listed	Tiptree	TL8916	2	2014
Essex Birdwatching Society	<i>Pyrrhula pyrrhula</i>	bird	Eurasian Bullfinch	Essex Red Data List: Listed	Kelvedon - Home & Brockwell	TL8618	1	2015
Essex Birdwatching Society	<i>Pyrrhula pyrrhula</i>	bird	Eurasian Bullfinch	Essex Red Data List: Listed	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	3	2017
Essex Field Club	<i>Ranunculus baudotii</i>	flowering plant	Brackish Water-crowfoot	Essex Red Data List: Listed	Tiptree gravel pit, Inworth Grange	TL8815	1	1999

Essex Field Club	<i>Ranunculus baudotii</i>	flowering plant	Brackish Water-crowfoot	Essex Red Data List: Listed	Tiptree gravel pit, Inworth Grange	TL886155	1	1999
Essex Field Club	<i>Ribes nigrum</i>	flowering plant	Black Currant	Essex Red Data List: Listed	TL8916	TL8916	2	1988
Essex Field Club	<i>Ribes nigrum</i>	flowering plant	Black Currant	Essex Red Data List: Listed	TL9016	TL9016	1	1987
Essex Field Club	<i>Ribes nigrum</i>	flowering plant	Black Currant	Essex Red Data List: Listed	TL8718	TL8718	1	1989
Essex Field Club	<i>Rumex maritimus</i>	flowering plant	Golden Dock	Essex Red Data List: Listed	TL8816	TL8816	1	1988
Essex Field Club	<i>Rumex maritimus</i>	flowering plant	Golden Dock	Essex Red Data List: Listed	TL8616	TL8616	1	1989
Essex Field Club	<i>Rumex maritimus</i>	flowering plant	Golden Dock	Essex Red Data List: Listed	TL8815	TL8815	1	1986
Essex Field Club	<i>Sciurus vulgaris</i>	terrestrial mammal	Red Squirrel	Essex Red Data List: Appendix	TL880150	TL880150	2	1959
Essex Field Club	<i>Segestria florentina</i>	spider (Araneae)		Essex Red Data List: pListed	Tiptree	TL892159	1	2003
Essex Field Club	<i>Sparganium emersum</i>	flowering plant	Unbranched Bur-reed	Essex Red Data List: Listed	Kelvedon, River Blackwater, Greys Mill	TL8618	1	2013
Essex Field Club	<i>Stachys arvensis</i>	flowering plant	Field Woundwort	Essex Red Data List: Listed	TL8815	TL8815	1	1986
Essex Field Club	<i>Stachys arvensis</i>	flowering plant	Field Woundwort	Essex Red Data List: Listed	TL8816	TL8816	1	1988
Essex Field Club	<i>Stellaria pallida</i>	flowering plant	Lesser Chickweed	Essex Red Data List: Listed	TL8816	TL8816	1	1988
Essex Birdwatching Society	<i>Streptopelia turtur</i>	bird	European Turtle Dove	Essex Red Data List: Listed	Tiptree	TL8916	1	2017
Essex Field Club	<i>Streptopelia turtur</i>	bird	European Turtle Dove	Essex Red Data List: Listed	Messing CO5 9TU (garden)	TL897190	1	2012
Essex Field Club	<i>Sympetrum sanguineum</i>	insect - dragonfly (Odonata)	Ruddy Darter	Essex Red Data List: Listed	Essex	TL885158	1	2000
Essex Field Club	<i>Tetragnatha pinicola</i>	spider (Araneae)		Essex Red Data List: Listed	Pods Wood	TL9017	2	1992
Essex Field Club	<i>Thalictrum flavum</i>	flowering plant	Common Meadow-rue	Essex Red Data List: Listed	TL8919	TL8919	1	1987
Essex Field Club	<i>Tilia platyphyllos</i>	flowering plant	Large-leaved Lime	Essex Red Data List: Listed	TL8819	TL8819	1	1987
Essex Field Club	<i>Tricogena rubricosa</i>	insect - true fly (Diptera)		Essex Red Data List: pListed	Coneyfield Wood	TL897183	2	1996

Essex Field Club	<i>Trifolium resupinatum</i>	flowering plant	Reversed Clover	Essex Red Data List: Listed	Kelvedon C.P., Coggeshall Farm	TL8619	1	2016
Essex Field Club	<i>Turdus philomelos</i>	bird	Song Thrush	Essex BAP: EBAP, Essex Red Data List: Listed	Messing CO5 9TU (garden)	TL897190	1	2014
Essex Birdwatching Society	<i>Turdus philomelos</i>	bird	Song Thrush	Essex BAP: EBAP, Essex Red Data List: Listed	Kelvedon - Home & Brockwell	TL8618	4	2015
Essex Birdwatching Society	<i>Turdus philomelos</i>	bird	Song Thrush	Essex BAP: EBAP, Essex Red Data List: Listed	Feering Village	TL8719	1	2017
Essex Birdwatching Society	<i>Turdus philomelos</i>	bird	Song Thrush	Essex BAP: EBAP, Essex Red Data List: Listed	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	14	2017
Essex Birdwatching Society	<i>Turdus philomelos</i>	bird	Song Thrush	Essex BAP: EBAP, Essex Red Data List: Listed	Kelvedon - Brockwell	TL8618	1	2013
Essex Birdwatching Society	<i>Tyto alba</i>	bird	Barn Owl	Essex Red Data List: Listed	Tiptree	TL8815	1	2015
Essex Birdwatching Society	<i>Tyto alba</i>	bird	Barn Owl	Essex Red Data List: Listed	Tiptree, Pods Wood	TL9017	1	2017
Essex Field Club	<i>Valeriana officinalis</i>	flowering plant	Common Valerian	Essex Red Data List: Listed	TL8919	TL8919	1	1987
Essex Field Club	<i>Valeriana officinalis</i>	flowering plant	Common Valerian	Essex Red Data List: Listed	River Blackwater	TL863194	1	1990
Essex Field Club	<i>Viola canina</i>	flowering plant	Heath Dog-violet	Essex Red Data List: Listed	Inworth Wood	TL883180	1	1997
Essex Field Club	<i>Viscum album</i>	flowering plant	Mistletoe	Essex Red Data List: Listed	Kelvedon C.P.	TL8618	1	2018
Essex Field Club	<i>Viscum album</i>	flowering plant	Mistletoe	Essex Red Data List: Listed	TL8619	TL865193	1	1995
Essex Field Club	<i>Viscum album</i>	flowering plant	Mistletoe	Essex Red Data List: Listed	Kelvedon, High Street-Easterford Road junction	TL860186	1	2014
Essex Field Club	<i>Viscum album</i>	flowering plant	Mistletoe	Essex Red Data List: Listed	Feering C.P.	TL8719	1	2018
Essex Field Club	<i>Viscum album</i>	flowering plant	Mistletoe	Essex Red Data List: Listed	TL8619	TL867194	1	1995
Essex Field Club	<i>Viscum album</i>	flowering plant	Mistletoe	Essex Red Data List: Listed	TL8618	TL861187	1	1995
Essex Field Club	<i>Volucella inanis</i>	insect - true fly (Diptera)	a hoverfly	Essex Red Data List: Listed	Conyfield Wood	TL899180	3	2006

Essex Field Club	<i>Volucella inflata</i>	insect - true fly (Diptera)	a hoverfly	Essex Red Data List: Listed	Conyfield Wood	TL899180	2	2006
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## 24. Invasive Species

### **Information about invasive species**

Invasive species may threaten habitats and species with biodiversity and nature conservation value. Where invasive species are present, action may or may not be appropriate to control their spread or to eliminate them from sites and habitats.

Invasive Species Action Plans are used to help coordinate the response to key invasive non-native species across England, Scotland and Wales. The plans provide a short and strategic overview identifying the key aims, objectives and actions. They can be seen on the Defra website at <https://secure.fera.defra.gov.uk/nonnativespecies/index.cfm?sectionid=92>

### **Action on invasive species**

The appropriate response to the presence of an invasive species will vary depending on the species and the degree to which it is or may in the future cause damage to the ecology at the location.

### **Identification of invasive species**

Identification of invasive non-native species is an essential part of invasive species management and guidance can be found on the Defra website at <https://secure.fera.defra.gov.uk/nonnativespecies/index.cfm?sectionid=47>

### **Invasive species records**

Most existing records of invasive species in Essex are made during general recording, although there are plans to encourage targeted recording of these species in the future.

Where you have records of invasive species for the search area, please submit them to us by email to [datasearch@essexfieldclub.org.uk](mailto:datasearch@essexfieldclub.org.uk) or via our website at [www.essexfieldclub.org.uk](http://www.essexfieldclub.org.uk)

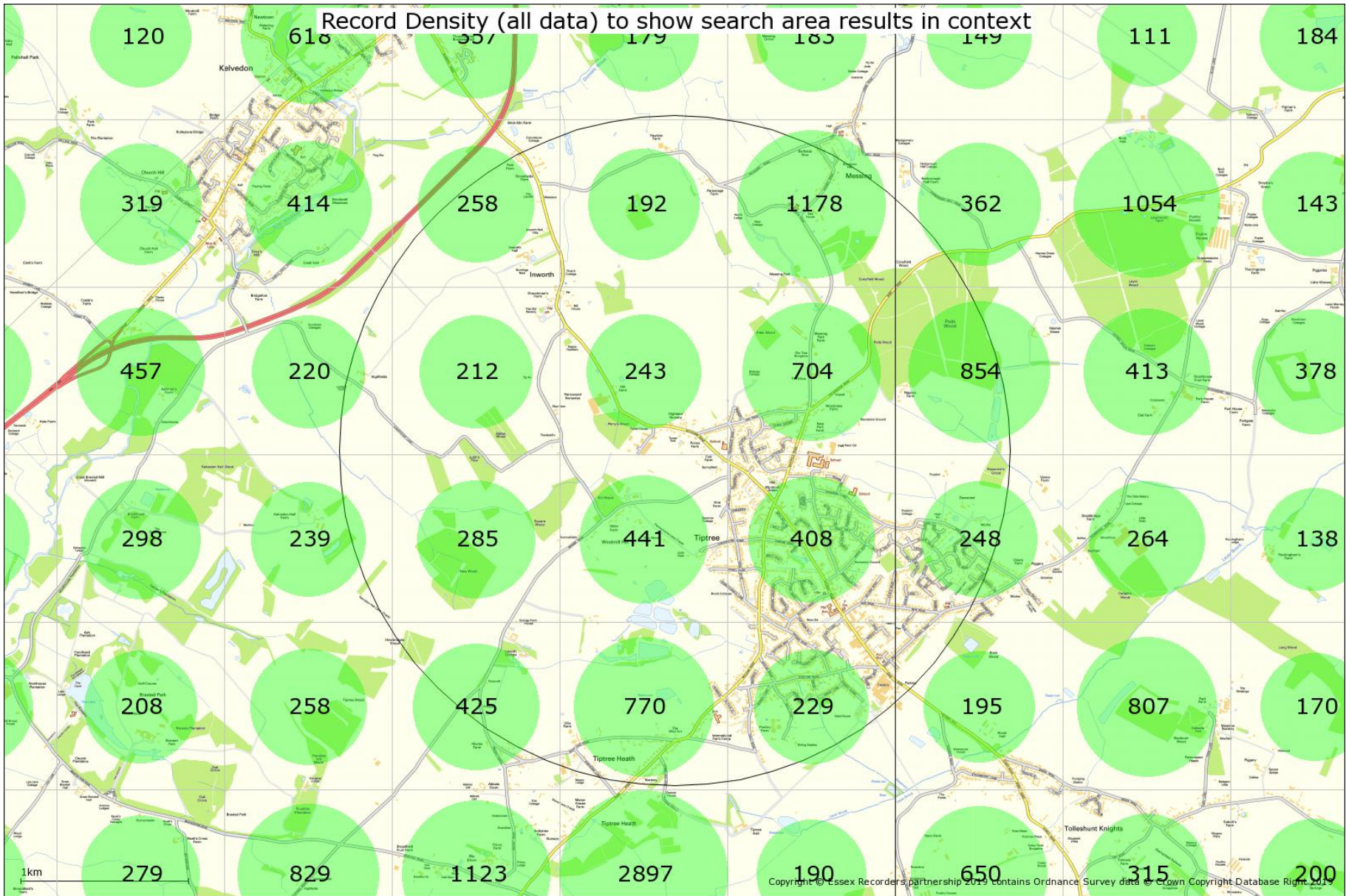
Where invasive species have been recorded, their records are summarised in the following table.

## Invasive Species

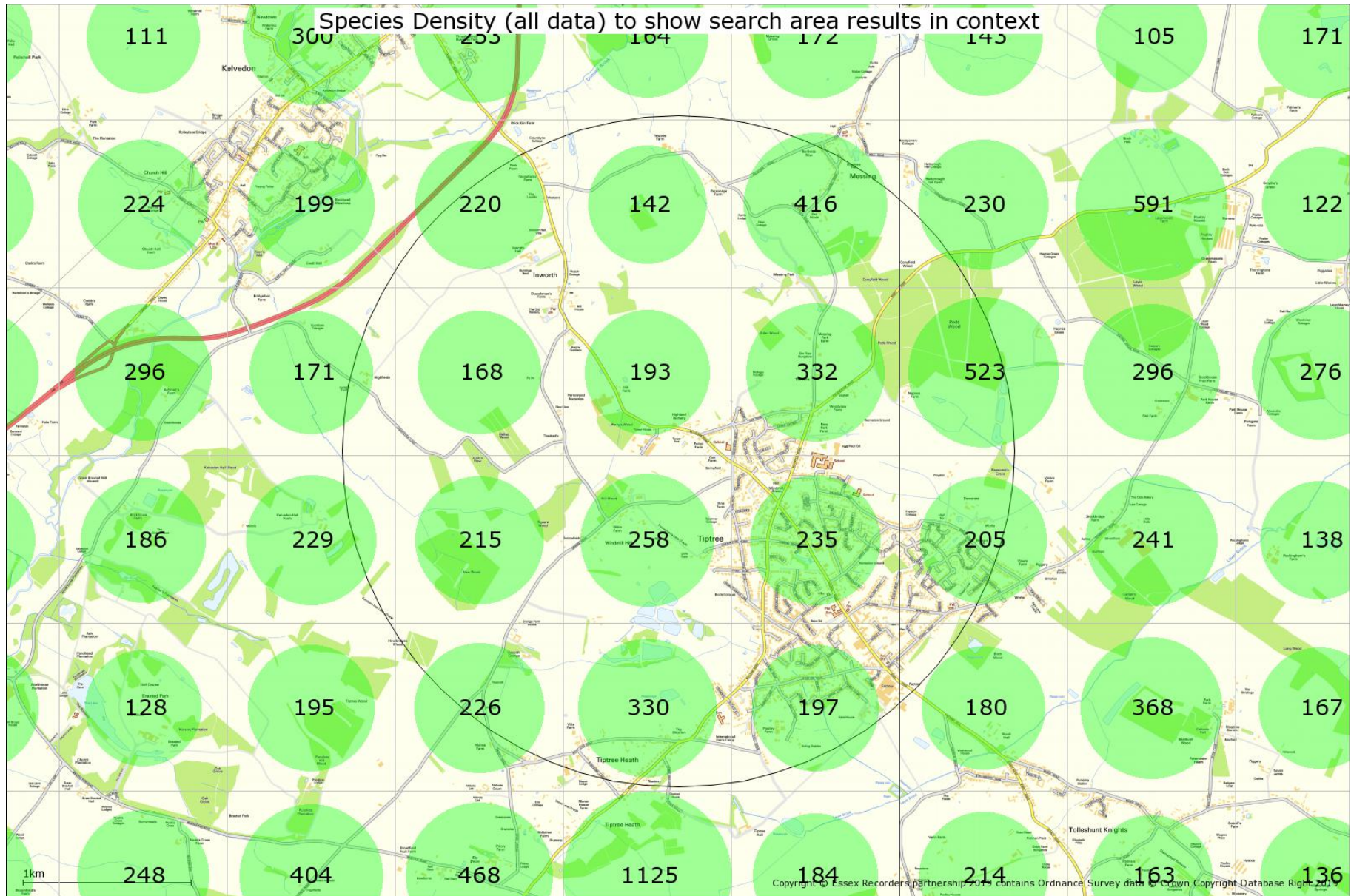
Source	Taxon	Group	Vernacular	Location	Position	Records	Latest
Essex Birdwatching Society	<i>Branta canadensis</i>	bird	Canada Goose	Kelvedon, Home, Brockwell & Ewell Hall	TL8618	1	2017
Essex Field Club	<i>Crassula helmsii</i>	flowering plant	New Zealand Pigmyweed	TL9015	TL9015	1	1987
Essex Field Club	<i>Crassula helmsii</i>	flowering plant	New Zealand Pigmyweed	Coneyfield Wood	TL8918	1	2016
Essex Field Club	<i>Crassula helmsii</i>	flowering plant	New Zealand Pigmyweed	Tiptree	TL9015	1	1987
Essex Field Club	<i>Crassula helmsii</i>	flowering plant	New Zealand Pigmyweed	Birch Wood	TL9015	1	1987
Essex Field Club	<i>Elodea canadensis</i>	flowering plant	Canadian Waterweed	TL9017	TL9017	1	1987
Essex Field Club	<i>Elodea canadensis</i>	flowering plant	Canadian Waterweed	TL8815	TL8815	1	1986
Essex Field Club	<i>Elodea nuttallii</i>	flowering plant	Nuttall's Waterweed	TL9015	TL9015	1	1987
Essex Field Club	<i>Fallopia japonica</i>	flowering plant	Japanese Knotweed	TL9016	TL9016	1	1986
Essex Field Club	<i>Fallopia japonica</i>	flowering plant	Japanese Knotweed	TL8617	TL8617	1	1989
Essex Field Club	<i>Fallopia japonica</i>	flowering plant	Japanese Knotweed	TL8619	TL8619	1	1984
Essex Field Club	<i>Fallopia japonica</i>	flowering plant	Japanese Knotweed	Tiptree gravel pit, Inworth Grange	TL8815	1	1999
Essex Field Club	<i>Heracleum mantegazzianum</i>	flowering plant	Giant Hogweed	TL8619	TL8619	1	1984
Essex Field Club	<i>Hyacinthoides hispanica</i>	flowering plant	Spanish Bluebell	Tiptree gravel pit, Inworth Grange	TL8815	1	1999
Essex Field Club	<i>Impatiens glandulifera</i>	flowering plant	Himalayan Balsam	Kelvedon, River Blackwater	TL8619	1	2016
Essex Field Club	<i>Lagarosiphon major</i>	flowering plant	Curly Waterweed	Birch Wood	TL9015	1	1987
Essex Field Club	<i>Muntiacus reevesi</i>	mammal	Muntjac Deer	TL870183	TL870183	6	2001
Essex Field Club	<i>Muntiacus reevesi</i>	mammal	Muntjac Deer	TL890150	TL890150	4	2001
Essex Field Club	<i>Muntiacus reevesi</i>	mammal	Muntjac Deer	TL871184	TL871184	6	2013
Essex Field Club	<i>Muntiacus reevesi</i>	mammal	Muntjac Deer	TL869152	TL869152	5	2003
Essex Field Club	<i>Muntiacus reevesi</i>	mammal	Muntjac Deer	TL883173	TL883173	4	2003
Essex Field Club	<i>Mustela vison</i>	mammal	American Mink	TL865193	TL865193	7	1998
Essex Field Club	<i>Myriophyllum aquaticum</i>	flowering plant	Parrot's Feather	Pods Wood	TL902180	1	1997
Essex Field Club	<i>Quercus cerris</i>	flowering plant	Turkey Oak	TL8617	TL8617	1	1989
Essex Field Club	<i>Quercus cerris</i>	flowering plant	Turkey Oak	TL8615	TL8615	1	1988
Essex Field Club	<i>Quercus cerris</i>	flowering plant	Turkey Oak	TL9017	TL9017	1	1987

Essex Field Club	<i>Quercus cerris</i>	flowering plant	Turkey Oak	TL8715	TL8715	1	1988
Essex Field Club	<i>Quercus cerris</i>	flowering plant	Turkey Oak	TL8616	TL8616	1	1989
Essex Field Club	<i>Quercus cerris</i>	flowering plant	Turkey Oak	TL8716	TL8716	1	1986
Essex Field Club	<i>Rhododendron ponticum</i>	flowering plant	Rhododendron	Pods Wood	TL8917	1	2016
Essex Field Club	<i>Rhododendron ponticum</i>	flowering plant	Rhododendron	TL9017	TL9017	1	1989
Essex Field Club	<i>Rhododendron ponticum</i>	flowering plant	Rhododendron	TL8615	TL8615	1	1988
Essex Field Club	<i>Rhododendron ponticum</i>	flowering plant	Rhododendron	TL8917	TL8917	1	1989
Essex Field Club	<i>Robinia pseudoacacia</i>	flowering plant	False Acacia	TL8915	TL8915	1	1989
Essex Field Club	<i>Robinia pseudoacacia</i>	flowering plant	False Acacia	TL8719	TL8719	1	1989

Record Density (all data) to show search area results in context



Species Density (all data) to show search area results in context



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## Summary of Species Record Counts

### Records of Scheduled Species

Records in scheduled categories as detailed in this report are enumerated below.

Protected Species Records	1425
Priority / NERC S41 Species Records	577
Global & National Red List and Scarce Species Records	530
Essex Red Data List Species Records	644
Invasive Species Records	61

### Records used in preparing this report

Counts below are for all records within the designated search area used in the preparation of this report. This table is for your information only and is intended to show the relative contribution from each taxonomic group, even if excluded from the results by the desk study criteria requested.

Essex Bat Group	6
Essex Birdwatching Society	1174

### Essex Field Club County Recorder counts

Aculeata	53
Aculeata: Apinae	50
Aculeata: Formicidae	13
Amphibians and reptiles	57
Araneae	308
Auchenorrhyncha	0
Bats	67
Birds	11
Coleoptera	1
Diptera: Larger Brachycera	18
Diptera: other groups	8
Diptera: Syrphidae	371
Fungi	0
Heteroptera	1
Hymenoptera: other groups	1
Isopoda	16
Lepidoptera: butterflies	594
Lepidoptera: macromoths	344
Lepidoptera: micromoths	327
Lichens	0
Mammals	735
Mollusca	25
Myriapoda	8
Non-vascular plants	136
Odonata	43
Opiliones	7
Orthoptera group	21
Pseudoscorpiones	5
Slime moulds	0
Vascular plants	6404

## Geological Site Information

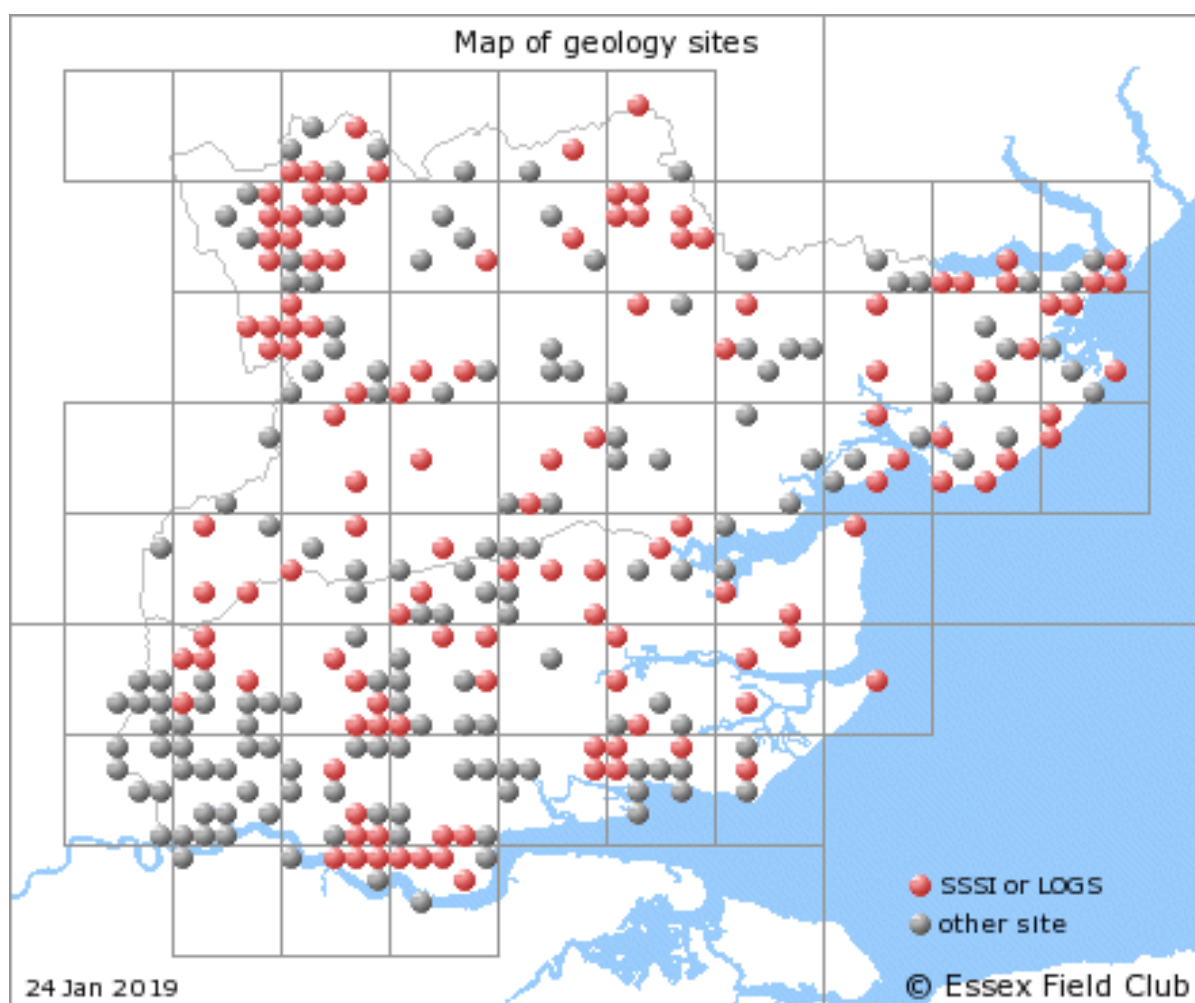
The geological site database includes and describes geological sites which are of regional or local importance for their scientific, historical and/or educational value unlike the strictly scientific criteria applied to the SSSIs (Sites of Special Scientific Interest) which are of national importance. These are not 'second tier' sites but sites of regional and local value in their own right.

Some of these sites are being designated as Local Geological Sites (LOGS), formerly called Regionally Important Geological Sites, or have the potential to be so designated, and these sites are marked as such. Existing SSSIs which have been designated for their geological importance are also included in this database.

*Note: Some of the sites in the geological site database are solely of historical interest as a record of an important or interesting discovery. There are also sites which are not strictly geological but nevertheless have a geological connection, for example buildings constructed of local stone. These sites have not been included in this report.*

Although many of the sites listed are publicly accessible, inclusion of a site in this database does not imply any rights of access. Permission to visit must always be obtained from the relevant landowner.

**There are no geological Sites of Special Scientific Interest, Potential Local Geological or Designated Local Geological Sites identified in relation to the search area.**



## **Additional geological Site Information**

The following general geological sites have also been identified. Further information is available from [www.essexfieldclub.org.uk/portal/p/A-Z+Geological+Site+Index](http://www.essexfieldclub.org.uk/portal/p/A-Z+Geological+Site+Index)

Great Braxted Church



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