

County Wildlife Site Survey Form
(Ref. No. 68)

Site Name: Brockdish Common and Adj. Grassland
Grid reference: TM 213794
District: South Norfolk

Parish: Brockdish
Area: 2 hectares
Survey date: 11/08/2019

Registered Commons Number: CL 125

Please note: Brockdish Common is part of a larger County Wildlife Site. For the Wildlife in Common survey only the area of registered common was surveyed.

Habitat description:

A small area of registered common (part of CL125, which lies further north of the village) supporting coarse, species poor, neutral grassland.

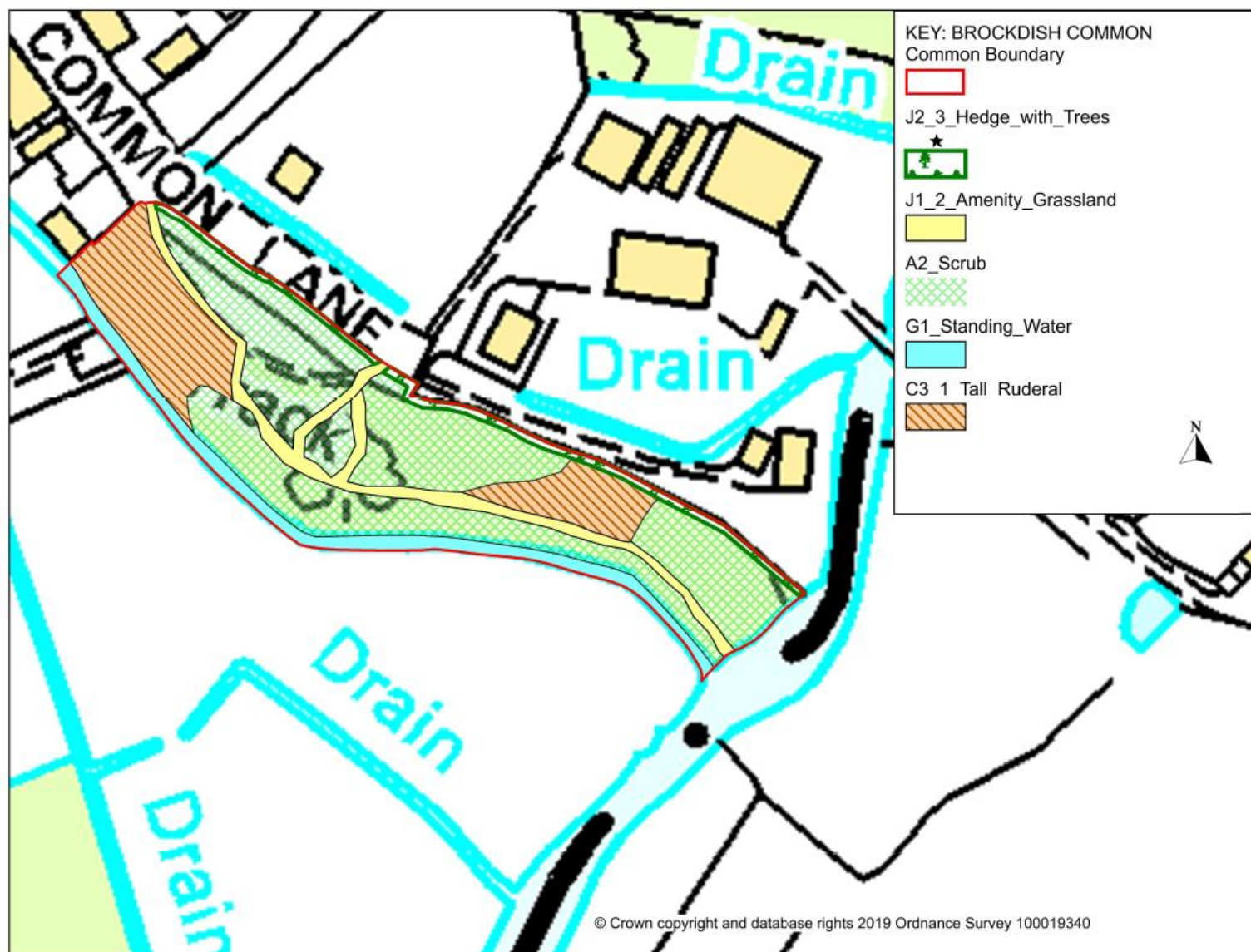
Tall stands of bramble (*Rubus fruticosus* agg.) scrub dominates with frequent, dense nettle (*Urtica dioica*) and hedge bindweed (*Calystegia sepium*), all occurring across the common. Stands of grey willow (*Salix cinerea*) are frequent.

Carefully mown grassy paths keep access open throughout, linking the common to the wider footpath network.

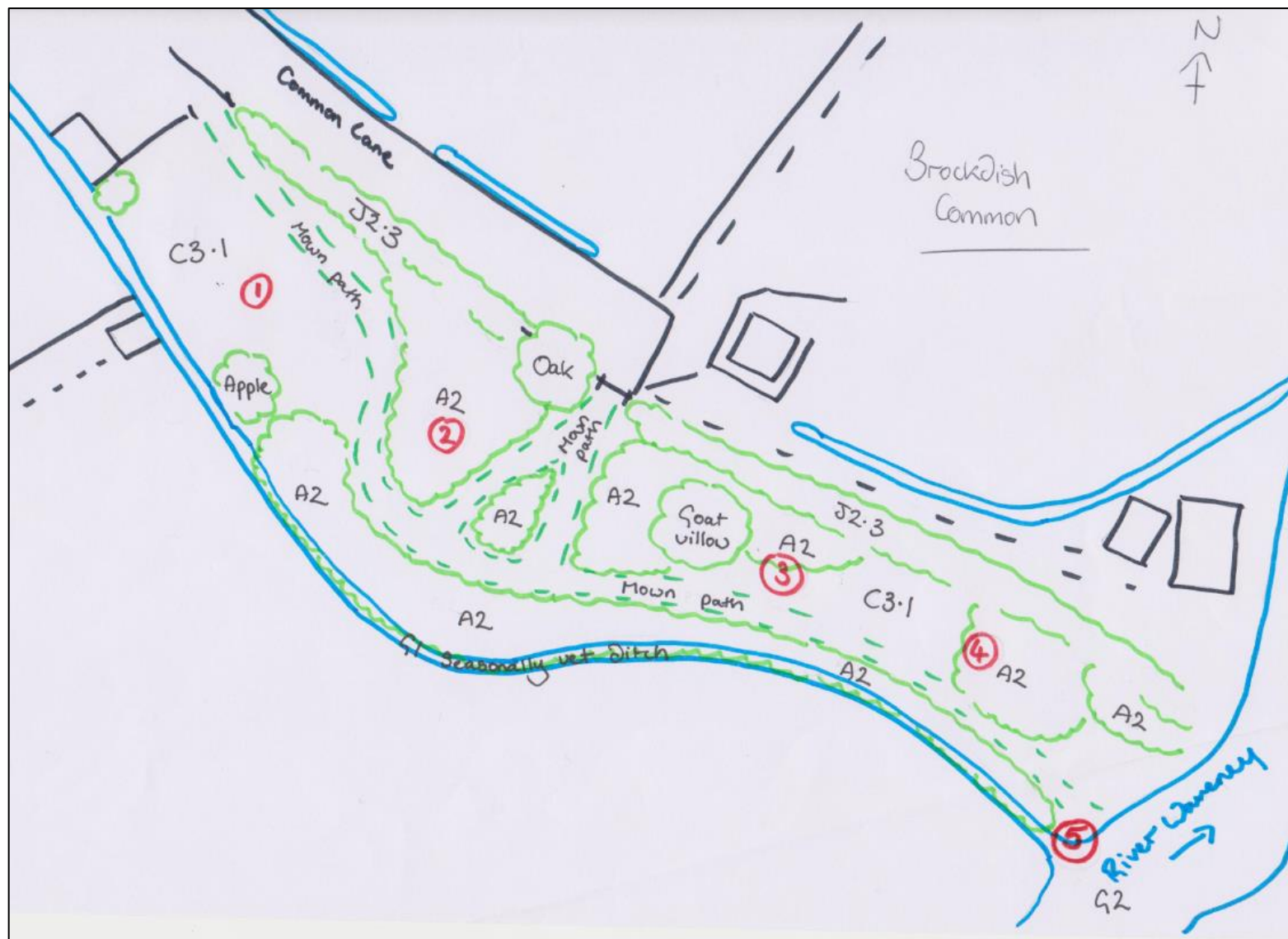
The north boundary is an old, at times gappy and overgrown, hawthorn (*Crataegus monogyna*) hedge with occasional ash (*Fraxinus excelsior*) and rare oak (*Quercus robur*). The southern boundary is a seasonally wet, deep sided ditch, running down to the River Waveney. The ditch supports very little vegetation (as it is often covered by hawthorn and willow scrub), except for occasional pendulous sedge (*Carex pendula*). The river edge also supports pendulous sedge, along with a patch of Himalayan balsam (*Impatiens glandulifera*), and a small amount of watermint (*Mentha aquatica*), fool's watercress (*Apium nodiflorum*) and water forget-me-not (*Myosotis scorpioides*).



Habitat map:



Annotated habitat map (Red numbers refer to target notes on next page):



Target Notes:

1. Tall, dense nettle, coarse grasses, mugwort (*Artemisia vulgaris*) with stands of bramble and occasional hedge bindweed and dock (*Rumex sp.*). This open area of tall growth is bounded to the south/west by a seasonally wet ditch, covered in places by hawthorn scrub and trees including ash and elder (*Sambucus nigra*). To the north is an old, low boundary bank with a tall, gappy hawthorn hedge, also some trees including ash and one large, old oak. A neatly mown, wide grassy path allows access throughout the common, down to the River Waveney to the south-east.
2. Much of the common is given over to tall stands of bramble with tall nettle, bindweed and cleavers (*Galium aparine*), also occasional great willowherb (*Epilobium hirsutum*), dock and hogweed (*Heracleum sphondyleum*). Grey willow scrub with hops occurs to the south.
3. An area of bramble and one large goat willow (*Salix caprea*) with hawthorn scrub leads to a path of planted hornbeam (*Carpinus betulus*) and a copper beech (*Fagus sylvatica f. purpurea*). Comfrey (*Symphytum x uplandicum*) is occasional here, as is hemlock (*Conium maculatum*). A nearby memorial bench has a small patch of dog's mercury (*Mercurialis perennis*) close by. An open, sunny area just to the north of the grassy path supports nettle, creeping thistle (*Cirsium arvense*), hedge bindweed with occasional marsh woundwort (*Stachys palustris*). A stand of raspberry (*Rubus idaeus*) occurs in front of the tall hawthorn hedge in the north.
4. Dense willow scrub with tall hawthorn and trees including sycamore (*Acer pseudoplatanus*) to the north. The mown path here runs close to the steep-sided, wet-bottomed ditch in the south. An open area has a picnic table and a view to the River Waveney and the countryside beyond.
5. The steep-sided, wet-bottomed ditch that forms the southern boundary of the common leads down to the river, this is actually a stream called 'The Beck'. During the survey it was quite dry, but local residents explained that during heavy rain it can reach a significant depth and flow quickling.

For its entire length, the stream is more/less covered by hawthorn and willow scrub. Shaded, it supports little vegetation, with only pendulous sedge and one male fern (*Dryopteris filix-mas*) visible on its banks. The far, south-east end of the common has typical riverside/marginal vegetation – pendulous sedge, fool's watercress, watermint and water forget-me-not. Marsh thistle (*Cirsium palustre*) is rare, as is false brome (*Brachypodium sylvaticum*) under scrub in the south. This area also contains a patch of Himalayan balsam.

Other notable species:

Include non-plant species eg turtle dove/barn owl/dingy skipper

Please see fauna list below.

Adjacent habitats/potential buffer zones & linkage to other sites:

Is the site next to another CWS/SSSI? Is there similar habitat adjacent or is the site surrounded by agricultural land?

The common is part of a larger County Wildlife Site which extends to the south.

Is the site in positive conservation management?

The site is being managed through the cutting of the neutral grassland and the removing of arisings.

Brief management proposals:

Management statement written by Chris Roberts in 2016, advice visit given in 2019 by Sam Brown (NWT).

Site images (Lucy Seely)

Facing north and the entrance to common. Neatly mown path between taller growth.



Facing west, where N-S path meets path in from road, showing good stands of scrub.



Facing south, showing tall growth beside the path with scrub and trees beyond.



PLANT LIST

County Wildlife Site name & reference number: Brockdish Common

Date of survey: 25/04/19 & 11/08/19

Surveyor: Lucy Seely, Gemma Walker and members of local community

Please note DAFOR is a way of showing the abundance of a species in an area. Where:

D = Dominant

A = Abundant

F = Frequent

O = Occasional

R = Rare (not many present)

Species/scientific name	Common name	DAFOR	Comments/Location
<i>Acer pseudoplatanus</i>	Sycamore	O	
<i>Achillea millefolium</i>	Yarrow	O	
<i>Aegopodium podagraria</i>	Ground elder	LF	
<i>Aesculus hippocastanum</i>	Horse chestnut	R	
<i>Alliaria petiolata</i>	Garlic mustard	O	
<i>Anthriscus sylvestris</i>	Cow parsley	O	
<i>Apium nodiflorum</i>	Fool's watercress	R	
<i>Arctium</i> sp.	Burdock sp.	O	
<i>Armoracia rusticana</i>	Horseradish	O	
<i>Arrhenatherum elatius</i>	False oat grass	LF	
<i>Artemisia vulgaris</i>	Mugwort	O	
<i>Arum maculatum</i>	Lords and ladies	R	
<i>Ballota nigra</i>	Black horehound	O	
<i>Bellis perennis</i>	Daisy	O	
<i>Brachypodium sylvaticum</i>	False brome	R	
<i>Bryonia dioica</i>	White bryony	R	
<i>Calystegia sepium</i>	Hedge bindweed	F	
<i>Cardamine hirsuta</i>	Bittercress, Hairy	O	
<i>Cardamine pratensis</i>	Cuckoo flower	R	
<i>Carex pendula</i>	Pendulous sedge	R	

WILDLIFE IN COMMON SURVEY

Species/scientific name	Common name	DAFOR	Comments/Location
<i>Carpinus betulus</i>	Hornbeam	O	
<i>Cersatium fontanum</i>	Common mouse-ear	O	
<i>Chaerophyllum temulum</i>	Rough chervil	O	
<i>Chelidonium majus</i>	Greater celandine	R	
<i>Cirsium arvense</i>	Creeping thistle	LF	
<i>Cirsium palustre</i>	Marsh thistle	R	
<i>Cirsium vulgare</i>	Spear thistle	O	
<i>Clematis vitalba</i>	Traveller's Joy	O	
<i>Conium maculatum</i>	Hemlock	O	
<i>Corylus avellana</i>	Hazel	O	
<i>Crataegus monogyna</i>	Hawthorn	O	
<i>Crepis capillaris</i>	Smooth hawksbeard	R	
<i>Dactylis glomerata</i>	Cocksfoot	O-LF	
<i>Dipsacus fullonum</i>	Teasel	O	
<i>Dryopteris filix-mas</i>	Male fern	R	
<i>Epilobium hirsutum</i>	Great willowherb	O	
<i>Equisetum arvense</i>	Horsetail	O	
<i>Fagus sylvatica f.purpurea</i>	Copper beech	R	
<i>Ficaria verna</i>	Lesser celandine	R	
<i>Fraxinus excelsior</i>	Ash	O	
<i>Galanthus nivalis</i>	Snowdrop	O	
<i>Galium aparine</i>	Cleavers	F	
<i>Geranium molle</i>	Dovesfoot cranesbill	O	
<i>Geranium pyrenaicum</i>	Hedgerow cranesbill	R	
<i>Geranium robertianum</i>	Herb robert	O	
<i>Geum urbanum</i>	Herb bennett	R	
<i>Glechoma hederacea</i>	Ground ivy	F	
<i>Hedera helix</i>	Ivy	O	
<i>Heracleum sphondyleum</i>	Hogweed	O	
<i>Humulus lupulus</i>	Hop	O	
<i>Hyacinthoides x massartiana</i>	Bluebell, Hybrid	O	
<i>Ilex aquifolium</i>	Holly	R	
<i>Impatiens glandulifera</i>	Himalayan balsam	O	
<i>Lamium album</i>	White dead nettle	O	
<i>Lamium purpureum</i>	Red dead nettle	O	
<i>Lapsana communis</i>	Nipplewort	O	
<i>Leucanthemum vulgare</i>	Oxeye daisy	R	
<i>Malus sp.</i>	Apple	R	
<i>Malva sylvestris</i>	Common mallow	O	
<i>Mentha aquatica</i>	Water mint	R	
<i>Mercurialis perennis</i>	Dog's mercury	R	
<i>Myosotis scorpioides</i>	Water forget-me-not	R	
<i>Myosoton aquaticum</i>	Water chickweed	R	
<i>Narcissus spp</i>	Daffodil	O	
<i>Picris echioides</i>	Bristly ox-tongue	R	
<i>Plantago lanceolata</i>	Ribwort plantain	O	
<i>Plantago major</i>	Greater plantain	O	
<i>Poa annua</i>	Annual meadow grass	LF	
<i>Potentilla repens</i>	Creeping cinquefoil	O	
<i>Prunella vulgaris</i>	Selfheal	R	
<i>Prunus spinosa</i>	Blackthorn	O	

WILDLIFE IN COMMON SURVEY

Species/scientific name	Common name	DAFOR	Comments/Location
<i>Prunus sp.</i>	Plum sp.	O	
<i>Quercus robur</i>	Oak	R	
<i>Ranunculus repens</i>	Creeping buttercup	O	
<i>Rubus fruticosus</i> agg.	Bramble	LF	
<i>Rubus idaeus</i>	Raspberry	O	
<i>Rumex obtusifolius</i>	Broad-leaved dock	O	
<i>Salix caprea</i>	Goat willow	R	
<i>Salix cinerea</i>	Grey oak	O	
<i>Salix sp.</i>	Willow sp.	O	
<i>Sambucus nigra</i>	Elder	O	
<i>Senecio vulgaris</i>	Common groundsel	O	
<i>Sonchus oleraceus</i>	Smooth sowthistle	O	
<i>Stachys palustris</i>	Marsh woundwort	O	
<i>Stachys sylvatica</i>	Hedge woundwort	O	
<i>Stellaria media</i>	Chickweed	O	
<i>Symphytum x uplandicum</i>	Russian comfrey	O	
<i>Taraxacum</i> agg.	Dandelion	O	
<i>Trifolium repens</i>	White clover	O	
<i>Urtica dioica</i>	Nettle	F-LA	
<i>Veronica chamaedrys</i>	Germander speedwell	R	
<i>Veronica serpyllifolia</i>	Thyme-leaved speedwell	R	
<i>Viburnum opulus</i>	Guelder rose		
<i>Viola odorata</i>	Sweet violet	R	

FAUNA LIST

Recorders: Dave Weaver and members of the local community

Bee Records

Date	Common Name	Scientific Name	Comment
20-07-19	Honeybee	<i>Apis mellifera</i>	
20-07-19	Tree bumblebee	<i>Bombus hypnorum</i>	
20-07-19	White-tailed bumblebee	<i>Bombus lucorum</i>	

Bird Records

Date	Common Name	Scientific Name	Comment
20-07-19	Kingfisher	<i>Alcedo atthis</i>	Along river
20-07-19	Swift	<i>Apus apus</i>	
25-04-19	Grey heron	<i>Ardea cinerea</i>	
20-07-19	Woodpigeon	<i>Columba palumbus</i>	
25-04-19	Blue tit	<i>Cyanistes caeruleus</i>	
20-07-19	House martin	<i>Delichon urbicum</i>	
20-07-19	Great spotted woodpecker	<i>Dendrocopos major</i>	
20-07-19	Kestrel	<i>Falco tinnunculus</i>	Calling
20-07-19	European jay	<i>Garrulus glandarius</i>	
20-07-19	Swallow	<i>Hirundo rustica</i>	
20-07-19	Linnet	<i>Linaria cannabina</i>	
20-07-19	Great tit	<i>Parus major</i>	

WILDLIFE IN COMMON SURVEY

Date	Common Name	Scientific Name	Comment
25-04-19	Pheasant	<i>Phasianus colchicus</i>	
20-07-19	Chiffchaff	<i>Phylloscopus collybita</i>	
20-07-19	Collared dove	<i>Streptopelia decaocto</i>	
20-07-19	Blackcap	<i>Sylvia atricapilla</i>	Heard
20-07-19	Wren	<i>Troglodytes troglodytes</i>	
25-04-19	Blackbird	<i>Turdus merula</i>	
25-04-19	Song thrush	<i>Turdus philomelos</i>	
20-07-19	Linnet	<i>Linaria cannabina</i>	

Butterfly Records

Date	Common Name	Scientific Name	Comment
20-07-19	Peacock	<i>Aglais io</i>	
20-07-19	Small tortoiseshell	<i>Aglais urticae</i>	
20-07-19	Ringlet	<i>Aphantopus hyperantus</i>	
20-07-19	Meadow brown	<i>Maniola jurtina</i>	
20-07-19	Large skipper	<i>Ochlodes sylvanus</i>	
20-07-19	Large white	<i>Pieris brassicae</i>	
20-07-19	Small white	<i>Pieris rapae</i>	
20-07-19	Comma	<i>Polygonia c-album</i>	
20-07-19	Gatekeeper	<i>Pyronia tithonus</i>	
20-07-19	Red admiral	<i>Vanessa atalanta</i>	

Dragonfly Records

Date	Common Name	Scientific Name	Comment
20-07-19	Southern hawker	<i>Aeshna cyanea</i>	
20-07-19	Brown hawker	<i>Aeshna grandis</i>	
20-07-19	Banded demoiselle	<i>Calopteryx splendens</i>	Abundant along river
25-04-19	Large red damselfly	<i>Pyrhosoma nymphula</i>	

Mammal Records

Date	Common Name	Scientific Name	Comment
15-06-19	Barbastelle	<i>Barbastella barbastellus</i>	
15-06-19	Serotine	<i>Eptesicus serotinus</i>	
25-04-19	Muntjac	<i>Muntiacus reevesi</i>	
15-06-19	Daubenton's Bat	<i>Myotis daubentonii</i>	
15-06-19	Natterer's bat	<i>Myotis nattereri</i>	
15-06-19	Leisler's bat	<i>Nyctalus leisleri</i>	
15-06-19	Noctule	<i>Nyctalus noctula</i>	
15-06-19	Nathusius' pipistrelle	<i>Pipistrellus nathusii</i>	
15-06-19	Common pipistrelle	<i>Pipistrellus pipistrellus</i>	
15-06-19	Brown long-eared bat	<i>Plecotus auritus</i>	
25-04-19	Grey squirrel	<i>Sciurus carolinensis</i>	
25-04-19	Mole	<i>Talpa europaea</i>	
15-06-19	Soprano pipistrelle	<i>Pipistrellus pygmaeus</i>	

Bat Records



Bat Survey results for TM2179 from 2 survey nights

Below you can find a summary of the main findings from your bat survey visits. Further information for individual visits can be found on the following pages.

The total number of recordings per night:



Bat species detected:

Our provisional analysis of the recordings detected the following species. The numbers relate to the number of bat passes rather than the number of individual bats.

Species	Total number of passes (all nights)
Barbastelle	2
Brown long-eared bat	2
Common pipistrelle	419
Daubenton's bat	683
Leisler's bat	2
Nathusius' pipistrelle	3
Natterer's bat	2
Noctule	2
Serotine	28
Soprano pipistrelle	2407

Below are details of recordings that could not be assigned with confidence to a single species.

Species	Total number of passes (all nights)
Leisler's bat or Noctule	1
Myotis species	9
Pipistrelle species	266

Note: Pipistrelle species = this refers to a recording of a bat in the genus *Pipistrellus* that cannot be identified to species. In the UK, possible species include Common Pipistrelle, Soprano Pipistrelle and Nathusius' Pipistrelle.