

LYE VALLEY NORTH FEN LNR (LWS & SSSI) ANIMALS AND FUNGI

Shading indicates noteworthy for conservation – uncommon to rare in county

KEY: HA = Heather Armitage RdA = Rod d'Ayala MC = Martin Corley MJC = Marilyn Cox MDG = M D Gerrish TG = Tony Gillie MJ = Mark Jackson AL = Alison Leaf
 LMK = Liz MacKinnon TN = Terry Newsome RN = Richard Newton LOB = Luke O'Byrne SR = Stuart Roberts SR = Sue Rowe JS = Julian Smart MNS = M N Smith
 JAW = Judith Webb SW = Steve Woolliams LWS = Local Wildlife Site Coll. = Collected Det. = Determined

| Scientific Name | Common Name | Sub-site | Map Ref. | Coll. by | Det. by | Date | Method | Abundance / Nos | Stage | Comment |
|--------------------------------|-----------------------|----------------------|-----------|----------|---------|------------|------------|-----------------|----------|---|
| INVERTEBRATES – BEETLES | | | | | | | | | | |
| Agapanthia villosviridescens | umbellifer longhorn | west side SSSI | SP 548057 | JAW | JAW | 03.07.2016 | swept | 1 | adult | |
| Anthocomus rufus | a beetle | west side SSSI | SP 548057 | JAW | JAW | 02.09.2015 | swept | 3 | adult | |
| Badister bullatus | a ground beetle | east side SSSI, bank | SP 548057 | JAW | JAW | 06.05.2016 | swept | 1 | adult | |
| Cassida viridis | green tortoise beetle | LWS below SSSI | SP546056 | JAW | JAW | 17.07.2019 | swept | 1 | adult | |
| Chrysolina menthastri | mint leaf beetle | west side SSSI | SP 548057 | JAW | JAW | 18.07.2018 | swept | 1 | adult | |
| Chrysolina menthastri | mint leaf beetle | LWS below SSSI | SP546056 | JAW | JAW | 17.07.2019 | swept | 1 | adult | |
| Cionus scrophulariae | figwort weevil | west side SSSI | SP 548057 | JAW | JAW | 26.06.2019 | swept | 2 | adult | on water figwort plant |
| Clytus arietis | wasp beetle | west side SSSI | SP 548057 | JAW | JAW | 15.05.2018 | swept | 1 | adult | |
| Coccinella septempunctata | seven-spot ladybird | west side SSSI | SP 548057 | JAW | JAW | 18.07.2018 | swept | 3 | adult | |
| Coccinella septempunctata | seven-spot ladybird | LWS above SSSI | SP548059 | JAW | JAW | 05.06.2019 | swept | 1 | adult | |
| Dorcus parallelipidus | lesser stag beetle | east side SSSI | SP 548057 | JAW | JAW | 06.07.2016 | field obs. | 1 | adult | obviously fallen into shallow pool in fen |
| Eubria palustris | water-penny beetle | east side SSSI | SP 548057 | JAW | JAW | 16.06.2019 | swept | 1 | adult | |
| Gastrophysa viridula | dock beetle | west side SSSI | SP 548057 | HA | JAW | 30.05.2018 | field obs. | 1 | adult | |
| Harmonia axyridis | harlequin ladybird | west side SSSI | SP 548057 | JAW | JAW | 09.07.2017 | field obs. | 1 | adult | |
| Harmonia axyridis | harlequin ladybird | west side SSSI | SP 548057 | JAW | JAW | 18.07.2018 | field obs. | 2 | adult | |
| Lampyris noctiluca | glow-worm | east side SSSI | SP 548057 | JAW | JAW | 27.03.2018 | field obs. | 1 juvenile | juvenile | just on fen surface |
| Lampyris noctiluca | glow-worm | west side SSSI | SP 548057 | JAW | JAW | 31.10.2018 | field obs. | 1 juvenile | juvenile | on leaf by boardwalk |
| Limnobaris pilistriata | a weevil | east side SSSI | SP 548057 | JAW | JAW | 06.05.2016 | swept | 1 | adult | 1 |

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| Oedemera nobilis | thick-kneed flower beetle | east side SSSI | SP 548057 | JAW | JAW | 11.07.2018 | swept | 1m | adult | |
| Propylea 14-punctata | 14-spot ladybird | LWS above the north fen SSSI | SP54889 06037 | JAW | JAW | 06.05.2016 | swept | 1 | adult | 1 |
| Pyrochroa coccinea | red-headed cardinal beetle | west side SSSI | SP 548057 | JAW | JAW | 08.05.2019 | swept | 1 | adult | |
| Pyrochroa coccinea | black-headed cardinal beetle | LWS above SSSI | SP548059 | JAW | JAW | 05.06.2019 | swept | 1 | adult | flying |
| Rhagonycha fulva | orange soldier beetle | west side SSSI | SP 548057 | JAW | JAW | 17.07.2019 | swept | abundant/ numerous | adult | |
| Rutpela maculata | spotted longhorn | west side SSSI | SP 548057 | JAW | JAW | 23.06.2018 | swept | 1 | adult | |
| Rutpela maculata | spotted longhorn | LWS above the north fen SSSI | SP548059 | JAW | JAW | 14.06.2017 | swept | 2 | adult | on ground elder flowers |
| Silpha atrata | a silphid beetle | west side SSSI | SP 548057 | JAW | JAW | 27.09.2017 | swept | 1 | adult | |
| Silus ruficollis | a soldier beetle | west side SSSI | SP 548057 | JAW | JAW | 26.06.2019 | swept | 1 | adult | |
| Variimorda villosa | a tumbling flower beetle | west side SSSI | SP 548057 | JAW | JAW | 07.07.2019 | swept | 3 | adult | swept from parsley water dropwort flowers |
| Variimorda villosa | a tumbling flower beetle | west side SSSI | SP 548057 | JAW | JAW | 17.07.2019 | swept | 1 | adult | swept from parsley water dropwort flowers |

INVERTEBRATES – BUTTERFLIES

| | | | | | | | | | | |
|------------------------|---------------------|----------------|-----------|-----|-----|------------|------------|----------------|-------|-----------|
| Aglais io | peacock | west side SSSI | SP 548057 | JAW | JAW | 26.06.2019 | field obs. | 1 | adult | |
| Aglais urticae | small tortoiseshell | LWS above SSSI | SP548059 | JAW | JAW | 03.04.2019 | field obs. | 1 | adult | |
| Aglais urticae | small tortoiseshell | LWS above SSSI | SP548059 | RdA | RdA | 17.04.2019 | field obs. | 2 | adult | |
| Aglais urticae | small tortoiseshell | west side SSSI | SP 548057 | JAW | JAW | 26.06.2019 | larva | 2 caterpillars | larva | on nettle |
| Anthocharis cardamines | orange tip | west side SSSI | SP 548057 | JAW | JAW | 18.04.2018 | field obs. | 1m | adult | |
| Anthocharis cardamines | orange tip | LWS above SSSI | SP548059 | RdA | RdA | 17.04.2019 | field obs. | 1m,1f | adult | |

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|-----------------------|--------------------------|-----------------------------|---------------|----------|---------|------------|------------|-----------------|-------|---|
| Aphantopus hyperantus | ringlet | east side SSSI | SP 548057 | JAW | JAW | 18.07.2018 | field obs. | 1 | adult | |
| Aphantopus hyperantus | ringlet | west side SSSI | SP 548057 | JAW | JAW | 26.06.2019 | field obs. | 1 | adult | |
| Argynnis paphia | silver-washed fritillary | LWS above SSSI on west bank | SP548059 | JAW | JAW | 08.07.2018 | field obs. | 1 | adult | |
| Aricia agestis | brown argus | east side SSSI | SP 548057 | JAW | JAW | 28.05.2017 | field obs. | 1m | adult | |
| Artogeia rapae | green-veined white | Lye Valley north fen SSSI | SP 548057 | JAW | JAW | 29.08.2008 | field obs. | 1 | adult | |
| Celastrina argiolus | holly blue | west side SSSI | SP 548057 | JAW | JAW | 17.07.2019 | field obs. | 1 | adult | swept from parsley water dropwort flowers |
| Celastrina argiolus | holly blue | east side SSSI | SP 548057 | JAW | JAW | 10.06.2018 | field obs. | 1 | adult | trying to egg-lay on tufted vetch? |
| Celastrina argiolus | holly blue | LWS above SSSI | SP548059 | RdA | RdA | 17.04.2019 | field obs. | 2 | adult | |
| Favonius quercus | purple hairstreak | west side SSSI | SP 548057 | SW | SW | 13.07.2019 | field obs. | 1 | adult | in the oak tree at top of west-side SSSI |
| Favonius quercus | purple hairstreak | east side SSSI | SP 548057 | JAW | JAW | 18.07.2018 | field obs. | 1f | adult | |
| Gonepteryx rhamni | brimstone | LWS above SSSI on west bank | SP54765 05893 | JAW | JAW | 30.05.2018 | field obs. | 7 caterpillars | larva | on newly-planted young buckthorn whip |
| Gonepteryx rhamni | brimstone | LWS above SSSI | SP548059 | RdA | RdA | 17.04.2019 | field obs. | 1m | adult | |
| Gonepteryx rhamni | brimstone | west side SSSI | SP 548057 | JAW | JAW | 18.04.2018 | field obs. | 1m | adult | |
| Lycaena phlaeas | small copper | west side SSSI | SP 548057 | MDG | MDG | 05.09.2018 | field obs. | 1 | adult | |
| Maniola jurtina | meadow brown | west side SSSI | SP 548057 | JAW | JAW | 04.07.2018 | field obs. | 8 | adult | |
| Maniola jurtina | meadow brown | west side SSSI | SP 548057 | JAW | JAW | 26.06.2019 | field obs. | 1 | adult | |
| Melanargia galathea | marbled white | west side SSSI | SP 548057 | JAW | JAW | 26.06.2019 | field obs. | 1 | adult | |
| Ochlodes sylvanus | large skipper | west side SSSI | SP 548057 | JAW | JAW | 20.06.2018 | field obs. | 1 | adult | |
| Ochlodes sylvanus | large skipper | SSSI | SP 548057 | JAW | JAW | 16.06.2019 | field obs. | 1 | adult | |
| Pararge aegeria | speckled wood | east side SSSI | SP 548057 | JAW | JAW | 19.09.2018 | field obs. | 1 | adult | |
| Pararge aegeria | speckled wood | LWS above SSSI | SP548059 | RdA | RdA | 17.04.2019 | field obs. | 2 | adult | |

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|-----------------------|--------------------|---|------------------|----------|---------|------------|------------|-----------------|-------|---|
| Pieris brassicae | large white | west side SSSI | SP 548057 | JAW | JAW | 18.07.2018 | field obs. | 1f | adult | egg-laying on garlic mustard |
| Pieris napi | green-veined white | west side SSSI | SP 548057 | JAW | JAW | 25.07.2018 | field obs. | 3 | adult | |
| Pieris rapae | small white | west side SSSI | SP 548057 | JAW | JAW | 25.07.2018 | field obs. | 10 | adult | |
| Polygonia c-album | comma | east side SSSI | SP 548057 | JAW | JAW | 04.07.2018 | field obs. | 1 | adult | |
| Polygonia c-album | comma | west side SSSI | SP 548057 | JAW | JAW | 21.03.2018 | field obs. | 1 | adult | flying in warm sunshine |
| Polyommatus icarus | common blue | west side SSSI | SP 548057 | JAW | JAW | 26.06.2019 | field obs. | 2 | adult | |
| Pyronia tithonus | gatekeeper | west side SSSI | SP 548057 | JAW | JAW | 17.07.2019 | field obs. | 1 | adult | |
| Thecla betulae | brown hairstreak | LNR/LWS 'the triangle' above west side SSSI | SP54697 05851 | SW | SW | 29.09.2017 | field obs. | 2 eggs | egg | west-side bank adj. footpath from Warren Cres. to the triangle, on young blackthorn |
| Thecla betulae | brown hairstreak | LWS above the SSSI | SP54904 06066 | SW | SW | 29.09.2017 | field obs. | 2 eggs | egg | at head of valley near drain entrance, on cherry plum bush |
| Thecla betulae | brown hairstreak | LWS above the SSSI | SP 548 059 | SW | SW | 29.09.2017 | field obs. | 2 eggs | egg | north fen, east slope to Peat Moors, on young blackthorn |
| Thecla betulae | brown hairstreak | east side SSSI | SP 548057 | SW | SW | 02.08.2018 | field obs. | 1 | adult | |
| Thecla betulae | brown hairstreak | LWS above SSSI | SP54903 06066 | SW | SW | 21.12.2018 | field obs. | 4 eggs | egg | on the cherry plum at entrance to valley, east side |
| Thecla betulae | brown hairstreak | LWS above SSSI | SP54875 06005 | SW | SW | 21.12.2018 | field obs. | 1 egg | egg | on young blackthorn by the notice board, east side |
| Thecla betulae | brown hairstreak | LWS above SSSI | SP54863 05959 | SW | SW | 21.12.2018 | field obs. | 2 eggs | egg | on young blackthorn in scallops on slope, east side |
| Thecla betulae | brown hairstreak | LWS west of SSSI | SP54739 05876 | SW | SW | 21.12.2018 | field obs. | 1egg | egg | 10m in from entrance from SE end of Warren Crescent meadow |
| Thecla betulae | brown hairstreak | LWS above SSSI | SP54879 06011 | SW | SW | 14.09.2019 | field obs. | 4 | egg | on patch of young blackthorn near sign |
| Thecla betulae | brown hairstreak | LWS above SSSI | SP54903 06066 | SW | SW | 14.09.2019 | field obs. | 13 | egg | on the cherry plum at entrance to valley, east side |
| Thymelicus sylvestris | small skipper | east side SSSI | SP 548057 | JAW | JAW | 08.08.2015 | field obs. | 1 | adult | |

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| Vanessa atalanta | red admiral | west side SSSI | SP 548057 | JAW | JAW | 15.11.2017 | field obs. | 1 | adult | |
| Vanessa atalanta | red admiral | LWS above the north fen SSSI | SP548059 | JAW | JAW | 10.08.2017 | field obs. | 1 | adult | on hemp agrimony flowers |
| Vanessa atalanta | red admiral | west side SSSI | SP 548057 | JAW | JAW | 16.06.2019 | field obs. | 1 | adult | |
| Vanessa atalanta | red admiral | SSSI west side near boardwalk | SP 548057 | JAW | JAW | 25.03.2017 | field obs. | 1 | adult | |
| Vanessa cardui | painted lady | west side SSSI | SP 548057 | JAW | JAW | 26.06.2019 | field obs. | 1 | adult | |

INVERTEBRATES – MOTHS

| | | | | | | | | | | |
|----------------------------|------------------------------------|--------------------|---------------|-----|-----|------------|------------|---------------|-------|--|
| Acronicta rumicis | knot grass | west side SSSI | SP 548057 | JAW | JAW | 20.06.2018 | field obs. | 1 caterpillar | larva | |
| Callimorpha dominula | scarlet tiger | west side SSSI | SP 548057 | JAW | JAW | 26.06.2019 | field obs. | 1 | adult | |
| Cerura vinula | puss moth | west side SSSI | SP 548057 | LMK | LMK | 07.07.2017 | field obs. | 1 caterpillar | larva | on boardwalk |
| Coleophora taeniipenella | small rush case-bearer | east and west SSSI | SP 548057 | JAW | JAW | 22.10.2017 | field obs. | occasional | larva | in cases on blunt-flowered rush inflorescences |
| Cucullia verbasci | mullein moth | LWS above SSSI | SP548 059 | JAW | JAW | 16.06.2019 | field obs. | 1 caterpillar | larva | |
| Deilephila elpenor | elephant hawkmoth | west side SSSI | SP 548057 | JAW | JAW | 15.08.2018 | field obs. | 1 caterpillar | larva | |
| Eilema griseola | dingy footman | west side SSSI | SP 548057 | JAW | JAW | 29.07.2016 | field obs. | 1 | adult | |
| Euclidia glyphica | burnet companion | east side SSSI | SP 548057 | JAW | JAW | 28.05.2017 | field obs. | 1 | | |
| Leucoma salicis | white satin | east side SSSI | SP 548057 | JAW | JAW | 09.07.2017 | field obs. | 1 | adult | |
| Micropteryx calthella | a micromoth | east side SSSI | SP 548057 | JAW | MC | 08.06.2016 | tubed | approx. 15 | adult | clustered in three meadow buttercup flowers |
| Mythimna pallens | common wainscot | west side SSSI | SP 548057 | JAW | JAW | 29.07.2016 | field obs. | 1 | adult | |
| Nematopogon swammerdamella | pale brown moth, very long antenna | SSSI | SP 548057 | JAW | MC | 22.05.2013 | tubed | 1 | adult | |
| Philudoria potatoria | drinker moth caterpillar | west side SSSI | SP54736 05796 | JAW | JAW | 29.05.2016 | field obs. | 1 | larva | eating reed leaf |
| Phragmatobia fuliginosa | ruby tiger moth | east side SSSI | SP 548057 | JAW | JAW | 25.09.2019 | field obs. | 1 | larva | |

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| <i>Psyche casta</i> | cased moth | LWS west side below SSSI | SP5468 0571 | JAW | JAW | 08.06.2016 | field obs. | 1 | larva | on meadowsweet leaf |
| <i>Pterophorus pentadactyla</i> | white plume moth | SSSI | SP 548057 | TG | TG | 17.07.2019 | field obs. | 1 | adult | |
| <i>Pyrausta aurata</i> | mint moth | SSSI | SP 548057 | JAW | JAW | 01.05.2019 | field obs. | 1 | | on leaf |
| <i>Smintheris ocellata</i> | eyed hawkmoth | LWS above SSSI | SP548 059 | JAW | TG | 07.08.2019 | field obs. | 1 | larva | on eared willow bush near boardwalk |
| <i>Spilosoma lubricipeda</i> | white ermine | west side SSSI | SP 548057 | JAW | JAW | 10.08.2017 | field obs. | 1 caterpillar | larva | |
| <i>Spilosoma lubricipeda</i> | white ermine | LWS above SSSI on west bank | SP5482 0591 | HA | JAW | 30.05.2018 | field obs. | 1 | adult | |
| <i>Tyria jacobaeae</i> | cinnabar moth | LWS below SSSI | SP548 059 | JAW | JAW | 17.07.2019 | field obs. | numerous caterpillars | larvae | on ragwort |
| <i>Xanthia icteritia</i> | sallow | west side SSSI | SP 548057 | JAW | JAW | 06.05.2016 | field obs. | 1 | larva | |
| INVERTEBRATES – VARIOUS GROUPS | | | | | | | | | | |
| <i>Agapetes</i> | a caddisfly | stream | SP 548057 | JAW | JAW | 20.09.2017 | field obs. | numerous | pupa? | stone cases on rocks in stream |
| <i>Heterosminthuirus insignis</i> | a springtail | east side SSSI | SP 548057 | JS | JS | 17.10.2018 | field obs. | 1 | | |
| <i>Sminthurides malmgreni</i> | a springtail | east side SSSI | SP 548057 | JS | JS | 17.10.2018 | field obs. | 1 | | |
| <i>Pacifastacus leniusculus</i> | signal crayfish | LWS west side below SSSI (pond) | SP5468 0571 | JAW | JAW | 01.06.2016 | field obs. | 1 juvenile, dead | juvenile | dead near ponds |
| <i>Pacifastacus leniusculus</i> | signal crayfish | west side SSSI | SP 548057 | JAW | JAW | 18.07.2018 | field obs. | 1 | adult | found dead near stream |
| <i>Platyarthrus hoffmannseggi</i> | ant woodlouse | LWS above SSSI | SP548 060 | MDG | JAW | 06.02.2019 | field obs. | 4 | adult | in black ant nest under plastic sheet |
| <i>Asellus aquaticus</i> | water hog-louse | LWS west side below SSSI | SP546056 | JAW | JAW | 22.03.2016 | field obs. | numerous | adult | in ponds, west side |
| <i>Haemopsis sanguisuga</i> | horse leech | stream | SP 548057 | RdA | RdA | 20.09.2017 | field obs. | 1 | adult | stream |

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| INVERTEBRATES – DIPTERA (TWO-WINGED FLIES) | | | | | | | | | | |
| Agathomyia wankowiczii | yellow flat-footed fly | LWS below north fen SSSI | SP546056 | JAW | JAW | 07.02.2018 | field obs. | numerous galls under 3 brackets | pupa | as numerous empty galls under three brackets on a rotting log |
| Beris clavipes | scarce orange legionnaire | east side SSSI | SP 548057 | JAW | JAW | 06.05.2016 | swept | 1m,1f | adult | 1 |
| Bibio marci | St Mark's fly | west side SSSI | SP 548057 | JAW | JAW | 08.05.2019 | swept | 1f | adult | |
| Bombylius major | dark-edged beefly | LWS above the north fen SSSI | SP548059 | JAW | JAW | 25.03.2017 | swept | 1 | adult | |
| Bombylius major | dark-edged beefly | west side SSSI | SP 548057 | JAW | JAW | 18.04.2018 | swept | 1 | adult | |
| Chloromyia formosa | broad centurion | east side SSSI | SP 548057 | JAW | JAW | 11.07.2018 | swept | 1 | adult | |
| Chrysogaster solstitialis | hoverfly | west side SSSI | SP 548057 | JAW | JAW | 18.07.2015 | swept | 5 | adult | on parsley water dropwort flowers |
| Chrysopilus cristatus | black snipefly | west side SSSI | SP 548057 | JAW | JAW | 20.06.2018 | swept | numerous | adult | |
| Chrysotoxum bicinctum | two-banded wasp hoverfly | LWS above SSSI | SP548059 | JAW | JAW | 16.06.2019 | swept | 1 | adult | |
| Chrysotoxum bicinctum | two-banded wasp hoverfly | west side SSSI | SP 548057 | JAW | JAW | 17.07.2019 | swept | 1 | adult | |
| Chrysotoxum cautum | large wasp hoverfly | west side SSSI | SP 548057 | JAW | JAW | 26.06.2019 | swept | 1 | adult | |
| Chrysotoxum festivum | a hoverfly | west side SSSI | SP 548057 | JAW | JAW | 31.07.2019 | swept | 1 | adult | on parsley water dropwort flowers |
| Conops quadrifasciatus | four-banded bee grabber | east side SSSI | SP 548057 | MDG | JAW | 08.08.2018 | swept | 2 (mating pair) | adult | |
| Elgiva cucularia | a snail-killing fly | west side SSSI | SP 548057 | JAW | JAW | 11.07.2015 | swept | 1f | adult | |
| Elliperoides lateralis | a cranefly | west side SSSI | SP 548057 | JAW | JAW | 11.07.2015 | swept | 1f | adult | |
| Episyrphus balteatus | marmalade hoverfly | west side SSSI | SP 548057 | JAW | JAW | 04.07.2018 | swept | 1 | adult | |
| Eriothrix rufomaculata | tachinid fly | west side SSSI | SP 548057 | JAW | JAW | 18.07.2015 | swept | 1 | adult | on parsley water dropwort flowers |
| Eristalinus sepulchralis | spotty-eyed hoverfly | east side SSSI | SP 548057 | JAW | JAW | 28.05.2017 | swept | 1 | adult | |

LYE VALLEY NORTH FEN LNR (LWS & SSSI) ANIMALS AND FUNGI

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|----------------------------|--------------------------|---------------------------------|---------------|----------|---------|------------|---------|-----------------|-------|---|
| Eristalis pertinax | a hoverfly | west side SSSI | SP 548057 | JAW | JAW | 23.04.2015 | swept | 1f | adult | |
| Helophilus pendulus | a hoverfly | west side SSSI | SP 548057 | JAW | JAW | 15.09.2015 | swept | 1 | adult | |
| Hybomitra distinguenda | bright horsefly | LWS west side below SSSI (pond) | SP54686 05718 | JAW | JAW | 03.07.2016 | swept | 1m | adult | by pond, sitting on vegetation |
| Hybomitra distinguenda | bright horsefly | west side SSSI | SP 548057 | MDG | JAW | 20.06.2018 | swept | 1m | adult | |
| Lipsothrix nervosa | southern yellow splinter | LWS above the north fen SSSI | SP54847 06019 | JAW | JAW | 28.05.2016 | rearing | 1f | larva | waterlogged dead wood, em. from pupa kept indoors |
| Lonchoptera lutea | a lonchopterid fly | west side SSSI | SP5475 0586 | JAW | JAW | 23.04.2015 | swept | 1m,1f | adult | |
| Myathropa florea | batman hoverfly | west side SSSI | SP 548057 | JAW | JAW | 14.08.2019 | swept | 1 | adult | on angelica flowers |
| Neosciasia tenur | a hoverfly | west side SSSI | SP 548057 | JAW | JAW | 11.07.2015 | swept | 1m | adult | |
| Nigrotipula nigra | the chocolate crane fly | west side SSSI | SP 548057 | JAW | JAW | 21.06.2017 | swept | 1m | adult | |
| Nowickia ferox | a tachinid fly | LWS above SSSI | SP548059 | JAW | JAW | 29.08.2018 | swept | 1 | adult | |
| Oplodontha viridula | common green colonel | west side SSSI | SP 548057 | JAW | JAW | 21.06.2017 | swept | 1 | adult | |
| Oxycera nigricornis | delicate soldier | west side SSSI | SP 548057 | JAW | JAW | 21.06.2017 | swept | numerous | adult | |
| Oxycera pygmaea | pygmy soldier | west side SSSI | SP 548057 | JAW | JAW | 14.06.2017 | swept | 1 | adult | |
| Oxycera pygmaea | pygmy soldier | east side SSSI | SP 548057 | JAW | JAW | 04.06.2015 | swept | numerous m & f | adult | |
| Oxycera rara | four-barred major | east side SSSI | SP 548057 | JAW | JAW | 09.07.2017 | swept | 1f | adult | |
| Oxycera trilineata | three-lined soldier | west side SSSI | SP 548057 | JAW | JAW | 14.06.2017 | swept | 1 | adult | |
| Phasia barbifrons | a tachinid fly | west side SSSI | SP 548057 | JAW | JAW | 31.07.2019 | swept | 1 | adult | on parsley water dropwort flowers |
| Platycheirus rosarum | a hoverfly | west side SSSI | SP 548057 | JAW | JAW | 23.04.2015 | swept | 1f | adult | |
| Poecilobothrus nobilitatus | semaphore fly | west side SSSI | SP 548057 | JAW | JAW | 20.06.2018 | swept | 4m | adult | on surface of small, shallow, pond |
| Pscadina sp female | a snail-killing fly | west side SSSI | SP 548057 | JAW | JAW | 23.04.2015 | swept | 1f | adult | |
| Ptychoptera albimana | a fold-wing crane fly | west side SSSI | SP 548057 | JAW | JAW | 23.04.2015 | swept | 1f | adult | |
| Spania nigra | liverwort snipe fly | west side SSSI | SP 548057 | JAW | JAW | 23.04.2015 | swept | 6m, 3f | adult | |

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|------------------------|---------------------------|----------------|-----------|----------|---------|--|------------|-----------------|---------------|--|
| Sphenella marginata | a tephritid fly | west side SSSI | SP 548057 | JAW | JAW | 01.08.2018 | swept | 5 | adult | |
| Stratiomys potamida | banded general soldierfly | west side SSSI | SP 548057 | JAW | JAW | 20.06.2018 | swept | 1m,1f | adult | |
| Stratiomys potamida | banded general soldierfly | west side SSSI | SP 548057 | JAW | JAW | 08.07.2018 | swept | 2f | adult | |
| Stratiomys potamida | banded general soldierfly | east side SSSI | SP 548057 | JAW | JAW | 17.07.2019 | swept | 1 | adult | seen flying |
| Stratiomys singularior | flecked general | west side SSSI | SP 548057 | JAW | JAW | 09.07.2017 | swept | 1f | adult | swept from parsley water dropwort flowers |
| Tachina fera | a tachinid fly | east side SSSI | SP 548057 | JAW | JAW | 20.07.2016 | swept | 1 | adult | |
| Tachina fera | a tachinid fly | west side SSSI | SP 548057 | JAW | JAW | 31.07.2019 | swept | 1 | adult | on parsley water dropwort flowers |
| Tipula fulvipennis | a crane fly | east side SSSI | SP 548057 | JAW | JAW | 14.09.2013 | swept | 1f | adult | west-side short fen |
| Tipula luna | a crane fly | east side SSSI | SP 548057 | JAW | JAW | 06.05.2016 | swept | 1m | adult | |
| Tipula luteipennis | yellow-winged crane fly | east side SSSI | SP 548057 | JAW | JAW | 11.10.2017 | swept | several | adult | |
| Tipula maxima | giant crane fly | west side SSSI | SP 548057 | JAW | JAW | 15.05.2018 | swept | 1 | adult | |
| Tipula maxima | giant crane fly | east side SSSI | SP 548057 | JAW | JAW | 08.06.2016 | swept | 1 | adult | |
| Tipula vittata | patterned-wing crane fly | east side SSSI | SP 548057 | JAW | JAW | 20.04.2016 | swept | 1f | adult | |
| Triogma trisulcata | a small brown crane fly | east side SSSI | SP 548057 | JAW | JAW | 12.04.2017 | swept | 4 | adult | flying over fen surface |
| Triogma trisulcata | a crane fly | east side SSSI | SP 548057 | JAW | JAW | 24.04.2019 | swept | 2 males | adult | swept |
| Triogma trisulcata | a crane fly | east side SSSI | SP 548057 | JAW | JAW | 02.05.2018 | swept | 1m | adult | |
| Trioza galii | fly gall on fen bedstraw | SSSI | SP 548057 | JAW | JAW | 16.06.2019 | field obs. | rare | larva in gall | as gall on Galium uliginosum shoots |
| Tryciphona immaculata | a crane fly | east side SSSI | SP 548057 | JAW | JAW | 06.05.2016 | swept | 1 | adult | |
| Trypeta zoe | daisy leafminer fly | east side SSSI | SP 548057 | JAW | JAW | mined leaves col 03.07.2016 em 13.07.2016 | rearing | 1m,1f | larva | adults reared from leaf mines on hemp agrimony |

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|-----------------------------|--------------------------|------------------------------|---------------|----------|---------|------------|------------|------------------------|---------------|-----------------------------------|
| Volucella bombylans | bumblebee mimic hoverfly | west side SSSI | SP 548057 | MDG | JAW | 18.07.2018 | swept | 1 | adult | |
| Volucella bombylans | bumblebee mimic hoverfly | LWS above SSSI | SP548 059 | JAW | JAW | 01.08.2018 | swept | 1 | adult | |
| Volucella inanis | a hornet hoverfly | LWS above the north fen SSSI | SP548 059 | JAW | JAW | 10.08.2017 | swept | 1 | adult | on water mint flowers |
| Volucella inanis | a hoverfly | west side SSSI | SP 548057 | JAW | JAW | 14.08.2019 | swept | 1 | adult | on angelica flowers |
| Volucella pellucens | ped hoverfly | east side SSSI | SP 548057 | MDG | MDG | 18.07.2018 | field obs. | 1 | adult | |
| Volucella zonaria | hornet mimic hoverfly | west side SSSI | SP 548057 | SR | JAW | 01.08.2018 | field obs. | 1f | adult | |
| Volucella zonaria | hornet mimic hoverfly | LWS above SSSI | SP548 059 | MDG | JAW | 01.08.2018 | field obs. | 1 | adult | |
| Wachtliella caricis | gall fly on Carex fruit | SSSI east and west | SP 548057 | JAW | JAW | 05.06.2019 | field obs. | galls locally frequent | larva in gall | as gall on Carex disticha fruits |
| Xanthogramma pedissequum | a hoverfly | SSSI | SP 548057 | JAW | JAW | 01.06.2013 | swept | 1 | adult | |
| Xylota segnis | a hoverfly | west side SSSI | SP 548057 | JAW | JAW | 29.07.2016 | swept | 1 | adult | |
| Zophomyia temula | tachinid fly | west side SSSI | SP5475 0586 | JAW | JAW | 18.07.2015 | swept | 1 | adult | on parsley water dropwort flowers |
| INVERTEBRATES – BUGS | | | | | | | | | | |
| Acanthosoma haemorrhoidale | hawthorn shield bug | east side SSSI | SP 548057 | JAW | JAW | 08.06.2016 | swept | 1 | adult | |
| Aelia acuminata | bishop's mitre bug | LWS above SSSI | SP548 059 | JAW | JAW | 16.06.2019 | swept | 1 | adult | |
| Cicadella viridis | a frog hopper | west side SSSI | SP 548057 | JAW | JAW | 02.09.2015 | swept | 2 | adult | |
| Coreus marginatus | squash bug | east side SSSI | SP 548057 | JAW | JAW | 08.06.2016 | swept | 1 | adult | |
| Corizus hyoscyami | rest harrow bug | LWS above the N fen SSSI | SP54889 06037 | JAW | JAW | 06.05.2016 | swept | 1 | adult | flying |
| Corizus hyoscyami | rest harrow bug | west side SSSI | SP 548057 | JAW | JAW | 19.09.2018 | swept | 1 | adult | |
| Dolycoris baccarum | hairy shield bug | west side SSSI | SP 548057 | JAW | JAW | 31.07.2019 | swept | 1 | adult | |
| Eurydema oleracea | brassica bug | LWS above SSSI | SP548 059 | JAW | JAW | 16.06.2019 | swept | 1 | adult | |
| Eurydema oleracea | brassica bug | west side SSSI | SP 548057 | JAW | JAW | 04.08.2019 | swept | 1 | adult | on Oenanthe lachenalii seeds |
| Eurygaster maura | tortoise bug | LWS above SSSI | SP548 059 | JAW | JAW | 16.06.2019 | swept | 1 | adult | |
| Ischnodemus sabuleti | European cinch bug | west side SSSI | SP 548057 | JAW | JAW | 06.05.2016 | swept | 1 | adult | |

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|--|-------------------------|------------------------------|-------------|----------|---------|------------|------------|-----------------|-------|-----------------------------------|
| Palomena prasina | common green shield bug | west side SSSI | SP 548057 | JAW | JAW | 17.09.2015 | swept | 1 | adult | sunning on boardwalk |
| Picomerus bidens | spiked shield bug | west side SSSI | SP 548057 | JAW | JAW | 15.09.2015 | swept | mating pair | adult | sunning on boardwalk |
| Piezodorus lituratus | gorse shield bug | LWS above SSSI | SP548 059 | JAW | JAW | 29.08.2018 | swept | 1 | adult | |
| Velia caprai | water cricket | stream | SP 548057 | JAW | JAW | 08.06.2016 | dipnet | 4 | adult | on stream surface |
| Zicrona caerulea | blue shield bug | west side SSSI | SP 548057 | JAW | JAW | 01.08.2018 | swept | 1 | adult | |
| INVERTEBRATES – BEES, SAWFLIES, WASPS | | | | | | | | | | |
| Andrena cineraria | ashy mining bee | LWS above SSSI on west bank | SP548 059 | TG | JAW | 15.05.2018 | swept | 1f | adult | |
| Andrena fulva | tawny mining bee | west side SSSI | SP 548057 | JAW | JAW | 18.04.2018 | swept | 1f | adult | |
| Anthophora plumipes | hairy-footed flower bee | east side SSSI | SP 548057 | JAW | JAW | 24.03.2017 | swept | 1m | adult | |
| Anthophora plumipes | hairy-footed flower bee | LWS above the north fen SSSI | SP548 059 | JAW | JAW | 05.04.2017 | field obs. | 1m | adult | on ground ivy flowers |
| Apis mellifera | honeybee | west side SSSI | SP 548057 | JAW | JAW | 18.04.2018 | swept | 1 | adult | |
| Apis mellifera | honey bee | LWS above SSSI | SP548 059 | RdA | RdA | 17.04.2019 | swept | 1 worker | adult | |
| Bombus hypnorum | tree bumblebee | SSSI | SP 548057 | JAW | JAW | 16.06.2019 | swept | 1q | adult | |
| Bombus lapdarius | red-tailed bumblebee | east side SSSI | SP 548057 | JAW | JAW | 11.07.2018 | swept | 2 workers | adult | |
| Bombus pascuorum | common carder bumblebee | east side SSSI | SP 548057 | JAW | JAW | 11.07.2018 | swept | 1 worker | adult | |
| Bombus pascuorum | common carder bumblebee | LWS above the north fen SSSI | SP548 059 | JAW | JAW | 25.03.2017 | swept | 1q | adult | on ground ivy flower |
| Bombus terrestris | buff-tailed bumblebee | west side SSSI | SP 548057 | JAW | JAW | 16.03.2018 | swept | 1q | adult | flying |
| Dolichovespula media | median or red wasp | LWS above SSSI | SP548 059 | JAW | JAW | 01.08.2018 | swept | 1q | adult | on figwort flowers |
| Ectemnius sp | a solitary wasp | LWS above SSSI on west bank | SP548 059 | TG | MNS | 04.07.2018 | swept | 1 | adult | |
| Gasteruption jaculator | parasitic hymenopteran | west side SSSI | SP 548057 | JAW | JAW | 31.07.2019 | swept | 1 | adult | on parsley water dropwort flowers |
| Gasteruption jaculator | parasitic wasp | west side SSSI | SP5475 0586 | JAW | JAW | 18.07.2015 | swept | 1 | adult | on parsley water dropwort flowers |

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|---------------------------------|---------------------------|--|---------------|----------|---------|------------|------------|------------------|----------------|--------------------------|
| <i>Hylaeus hyalinatus</i> | hairy yellow-faced bee | east side SSSI | SP 548057 | JAW | JAW | 04.06.2015 | swept | 1 | adult | |
| <i>Ichneumon deliratorius</i> | a parasitic wasp | west side SSSI | SP 548057 | JAW | JAW | 15.08.2018 | swept | 1 | adult | |
| <i>Lasius fuliginosus</i> | jet ant | LWS above north fen SSSI | SP548 059 | JAW | JAW | 11.10.2017 | swept | numerous workers | adult | nest in pollard willow |
| <i>Lasius niger</i> | black ant | LWS above SSSI | SP548 060 | MDG | JAW | 06.02.2019 | swept | nest | adult | nest under plastic sheet |
| <i>Megachile</i> sp | a leaf-cutter bee | west side SSSI | SP 548057 | JAW | JAW | 01.08.2018 | swept | 1 | adult | |
| <i>Osmia spinulosa</i> | spined mason bee | west side SSSI | SP 548057 | TG | SR | 06.07.2019 | swept | 1f | adult | |
| <i>Pontania proxima</i> | willow red gall sawfly | east side SSSI | SP 548057 | JAW | JAW | 18.07.2018 | field obs. | numerous galls | galls - larvae | on crack willow leaves |
| <i>Rhadinoceraea micans</i> | iris sawfly | west side SSSI | SP 548057 | JAW | JAW | 08.05.2019 | field obs. | 2 | adult | on iris leaves in pond |
| <i>Tenthredo scrophulariae</i> | figwort sawfly | LWS west side below SSSI | SP546056 | JAW | JAW | 10.08.2017 | swept | 1f | adult | |
| <i>Vespa crabro</i> | hornet | LWS above the north fen SSSI | SP548 059 | JAW | JAW | 30.08.2017 | field obs. | 1 | adult | |
| INVERTEBRATES – MOLLUSCS | | | | | | | | | | |
| <i>Cepaea hortensis</i> | white-lipped banded snail | limestone, dry entrance from The Slade | SP54952 06077 | JAW | JAW | 26.10.2016 | field obs. | 1 | adult | |
| <i>Euconulus fulvus</i> | tawny glass snail | Lye Valley N Fen SSSI | SP 548057 | JAW | JAW | 18.09.2014 | field obs. | 1 | adult | |
| <i>Planorbis planorbis</i> | the ramshorn | LWS west side below SSSI(ponds) | SP 548057 | JAW | JAW | 06.05.2016 | field obs. | 3 | adult | in pond no 5 |
| <i>Vertigo antivertigo</i> | marsh whorl snail | Lye Valley N Fen SSSI | SP 548057 | JAW | JAW | 18.09.2014 | field obs. | 6 | adult | east fen round pool |

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| Vertigo antvertigo | marsh whorl snail | east side SSSI | SP 548057 | JAW | JAW | 02.09.2015 | field obs. | 3 adults | adult | on sedge leaves in short fen |
| Vertigo antvertigo | marsh whorl snail | west side SSSI | SP 548057 | JAW | JAW | 27.09.2017 | field obs. | 1 | adult | on bare mud |
| INVERTEBRATES – ORTHOPTERA, ODONATA | | | | | | | | | | |
| Aeshna cyanea | southern hawkler | LWS below SSSI (ponds) | SP5468 0571 | JAW | JAW | 25.07.2018 | field obs. | 1m | adult | flying over ponds |
| Aeshna grandis | brown hawkler | east side SSSI | SP 548057 | JAW | JAW | 08.07.2018 | field obs. | 1 | | |
| Anax imperator | emperor dragonfly | LWS below SSSI (ponds) | SP5468 0571 | JAW | JAW | 21.06.2017 | field obs. | 1m | | |
| Calopteryx virgo | beautiful demoiselle | stream | SP 548057 | TG | JAW | 04.07.2018 | field obs. | 1m | | |
| Coenagrion puella | azure damselfly | LWS below SSSI (ponds) | SP5468 0571 | JAW | JAW | 18.07.2018 | field obs. | 1m,1f | | mating pair |
| Enallagma cyathigerum | common blue damselfly | west side SSSI | SP 548057 | JAW | JAW | 20.06.2018 | field obs. | 1m | adult | |
| Ischnura elegans | blue-tailed damselfly | LWS below SSSI (ponds) | SP5468 0571 | JAW | JAW | 01.08.2018 | field obs. | 1 | adult | |
| Libellula depressa | broad-bodied chaser | west side SSSI | SP 548057 | JAW | JAW | 15.05.2018 | field obs. | 1f | adult | flying over ponds |
| Libellula quadrimaculata | four-spotted chaser | LWS below SSSI (ponds) | SP5468 0571 | TG | TG | 30.06.2019 | field obs. | 1 | adult | flying over ponds |
| Pyrrosoma nymphula | large red damselfly | LWS below SSSI (ponds) | SP5468 0571 | JAW | JAW | 10.06.2018 | field obs. | 1m,1f | adult | |
| Sympetrum striolatum | common darter | LWS below SSSI (ponds) | SP5468 0571 | JAW | JAW | 25.07.2018 | field obs. | 1m | adult | over ponds |
| Sympetrum striolatum | common darter | LWS above SSSI | SP548 059 | JAW | JAW | 29.08.2018 | field obs. | 1 | adult | |
| Conocephalus fuscus (discolor) | long-winged conehead | west side SSSI | SP 548057 | JAW | JAW | 21.08.2019 | field obs. | 1m,1f | adult | |

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|--------------------------|-----------------------|----------------|-----------|----------|---------|------------|------------|-----------------|-------|---------|
| Leptophyes punctatissima | speckled bush cricket | west side SSSI | SP 548057 | JAW | JAW | 29.07.2016 | field obs. | 1 | adult | |
| Metriopectera roeselii | Roesel's bush cricket | west side SSSI | SP 548057 | JAW | JAW | 21.08.2019 | field obs. | 1m | adult | |
| Pholidoptera griseoptera | dark bush cricket | west side SSSI | SP 548057 | JAW | JAW | 19.09.2018 | field obs. | 1m | adult | |
| Pholidoptera griseoptera | dark bush cricket | west side SSSI | SP 548057 | JAW | JAW | 21.08.2019 | field obs. | 1f | adult | |
| Tetrix subulata | slender groundhopper | west side SSSI | SP 548057 | MDG | JAW | 18.07.2018 | field obs. | 1 | adult | |
| Tetrix subulata | slender groundhopper | LWS above SSSI | SP548 059 | RdA | RdA | 17.04.2019 | field obs. | 1 | adult | |
| Tetrix undulata | common groundhopper | west side SSSI | SP 548057 | JAW | JAW | 29.07.2016 | field obs. | 1 | adult | |

VERTEBRATES – REPTILES

| | | | | | | | | | | |
|-----------------|-----------|-----------------------------|----------------|-----|-----|------------|------------|------------|----------|---|
| Anguis fragilis | slow worm | LWS above SSSI | SP 54764 05890 | RdA | RdA | 17.04.2019 | field obs. | 1 immature | juvenile | under dumped car shelf on bank |
| Anguis fragilis | slow worm | east side SSSI | SP 548057 | JAW | JAW | 28.05.2017 | field obs. | 1 | adult | |
| Anguis fragilis | slow worm | west side SSSI | SP 548057 | JAW | JAW | 09.07.2017 | field obs. | 1 adult | adult | near raked reed heap |
| Anguis fragilis | slow worm | LWS above SSSI on west bank | SP 54764 05890 | JAW | JAW | 27.03.2018 | field obs. | 1 male | adult | under dumped car shelf on bank |
| Anguis fragilis | slow worm | LWS above SSSI on west bank | SP 54764 05890 | TN | TN | 30.05.2018 | field obs. | 1 | adult | under dumped car shelf on bank |
| Anguis fragilis | slow worm | SSSI east side bank | SP54759 05812 | JAW | JAW | 03.04.2019 | field obs. | 1 immature | juvenile | under slab of concrete on bank |
| Anguis fragilis | slow worm | LWS above SSSI | SP54847 05885 | RdA | RdA | 16.06.2019 | field obs. | 1 | adult | in east-side rubble pile near peat moors entrance |

LYE VALLEY NORTH FEN LNR (LWS & SSSI) ANIMALS AND FUNGI

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|---------------------------|-------------------|--|---------------|----------|---------|------------|------------|-----------------|-----------|--|
| Natrix natrix (helvetica) | grass snake | Lye Valley LNR/LWS generally | SP54774 05679 | SW | SW | 10.08.2009 | field obs. | 1 | adult | scrub nr fen |
| Natrix natrix (helvetica) | grass snake | LWS below SSSI | SP54684 05717 | MJ | RdA | 31.07.2019 | field obs. | 1 | juvenile | near ponds |
| Zootoca vivipara | viviparous lizard | Lye Valley LNR/LWS 'the triangle' above west side SSSI | SP54701 05856 | JAW | JAW | 29.03.2012 | field obs. | 2 | adult | sunning on grassy tussock |
| Zootoca vivipara | viviparous lizard | SSSI brook banks | SP 548057 | JAW | JAW | 21.08.2013 | field obs. | 1 adult | adult | sunning on willow pollards near path at 5.30pm |
| Zootoca vivipara | viviparous lizard | SSSI brook banks | SP 548057 | JAW | JAW | 21.08.2013 | field obs. | 3 juveniles | juvenile | sunning on willow pollards near path at 5.30pm |
| Zootoca vivipara | viviparous lizard | east side SSSI | SP 548057 | JAW | JAW | 05.10.2014 | field obs. | 1 adult | adult | sunning on boardwalk |
| Zootoca vivipara | viviparous lizard | west side SSSI | SP 548057 | JAW | JAW | 17.09.2015 | field obs. | 2 juveniles | juvenile | sunning on metal sewer hatch cover |
| Zootoca vivipara | viviparous lizard | west side SSSI | SP 548057 | JAW | JAW | 28.05.2017 | field obs. | 1 | adult | |
| Zootoca vivipara | viviparous lizard | west side SSSI | SP 548057 | JAW | JAW | 05.07.2017 | field obs. | 1 | adult | |
| Zootoca vivipara | viviparous lizard | east side SSSI | SP 548057 | JAW | JAW | 09.07.2017 | field obs. | 1 | adult | |
| Zootoca vivipara | viviparous lizard | west side SSSI | SP 548057 | TN | TN | 19.09.2017 | field obs. | 2 | adult | |
| Zootoca vivipara | viviparous lizard | west side SSSI | SP 548057 | JAW | JAW | 19.09.2017 | field obs. | 4 | juveniles | |
| Zootoca vivipara | viviparous lizard | east side SSSI | SP 548057 | JAW | JAW | 16.06.2018 | field obs. | 1 | adult | on log on east side bank |
| Zootoca vivipara | viviparous lizard | east side SSSI | SP 548057 | MDG | JAW | 08.08.2018 | field obs. | 1 | adult | on dam in the brook |
| Zootoca vivipara | viviparous lizard | west side SSSI | SP 548057 | MDG | MDG | 05.09.2018 | field obs. | 1 juvenile | juvenile | |
| Zootoca vivipara | viviparous lizard | LWS above SSSI | SP54793 05903 | JAW | JAW | 26.09.2018 | field obs. | 1 | juvenile | sunning on cleared tipped embankment |
| Zootoca vivipara | viviparous lizard | SSSI | SP54753 05827 | JAW | JAW | 16.06.2019 | field obs. | 1 gravid female | adult | sunning on brookside log bank protection |
| Zootoca vivipara | viviparous lizard | west side SSSI | SP54750 05824 | SW | SW | 13.07.2019 | field obs. | 3 | adult | sunning on willow pollards near boardwalk |

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| Zootoca vivipara | viviparous lizard | LWS above SSSI | SP54805 05910 | MDG | MDG | 21.08.2019 | field obs. | 1 juvenile | juvenile | sunning on log bank protection |
| Zootoca vivipara | viviparous lizard | LWS above SSSI | SP54805 05910 | MDG | MDG | 21.08.2019 | field obs. | 1 | adult | sunning on log bank protection |
| Zootoca vivipara | viviparous lizard | LWS above SSSI | SP54741 05762 | MDG | MDG | 25.09.2019 | field obs. | 1 | adult | on log on bank above bridge |

VERTEBRATES – FISH

| | | | | | | | | | | |
|------------------------|--------------------------|---------------------------------|----------------|-----|-----|------------|------------|----|-------|--|
| Gasterosteus aculeatus | three-spined stickleback | SSSI, in the brook | SP 548057 | TG | JAW | 02.08.2019 | field obs. | 1m | adult | |
| Gasterosteus aculeatus | three-spined stickleback | LWS west side below SSSI (pond) | SP5468 0571 | JAW | JAW | 04.08.2019 | field obs. | 1 | adult | |

VERTEBRATES – AMPHIBIANS

| | | | | | | | | | | |
|-----------------|-------------|----------------------------------|----------------|-----|-----|------------|------------|-----------------------------------|-------|--------------------|
| Rana temporaria | common frog | LWS below north fen SSSI (ponds) | SP5468 0571 | JAW | JAW | 07.03.2018 | field obs. | 10 clumps spawn | egg | in lower ponds |
| Rana temporaria | common frog | LWS below north fen SSSI(ponds) | SP5468 0571 | JAW | JAW | 07.03.2018 | field obs. | approx 25 pairs mating | adult | in lower ponds |
| Rana temporaria | common frog | LWS below north fen SSSI(ponds) | SP5468 0571 | JAW | JAW | 15.03.2017 | field obs. | 100s of spawn clumps over 3 ponds | eggs | |
| Rana temporaria | common frog | LWS above SSSI | SP548059 | RdA | RdA | 17.04.2019 | field obs. | numerous immature | | |
| Rana temporaria | common frog | LWS below north fen SSSI(ponds) | SP5468 0571 | JAW | JAW | 21.03.2018 | field obs. | more than 400 clumps of spawn | egg | in the lower ponds |
| Rana temporaria | common frog | LWS above the north fen SSSI | SP548059 | JAW | JAW | 25.03.2017 | field obs. | 3 juveniles | adult | |

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| Rana temporaria | common frog | limestone, dry entrance from The Slade | SP54952 06077 | JAW | JAW | 25.06.2016 | field obs. | 2 juveniles | | |
| Rana temporaria | young frogs | west side SSSI | SP 548057 | JAW | JAW | 29.07.2016 | field obs. | numerous | juvenile | |
| VERTEBRATES – MAMMALS | | | | | | | | | | |
| Apodemus sylvaticus | woodmouse | SSSI west side | SP 548057 | AL | AL | 29.10.2016 | field obs. | 1 | adult | longworth trap run by Oxon Mammal Group |
| Meles meles | badger | west side SSSI | SP 548057 | JAW | JAW | 09.07.2017 | field obs. | 1 dead | adult | on bank to stream |
| Micromys minutus | harvest mouse | west side SSSI | SP 548057 | JAW | JAW | 18.01.2017 | field obs. | 2 nests | nest | in reed being scythed |
| Muntiacus reevesii | muntjac deer | west side SSSI | SP 548057 | JAW | JAW | 19.12.2018 | field obs. | 1 fawn | juvenile | hidden in reed |
| Muntiacus reevesii | muntjac deer | LWS below SSSI | SP546056 | TN | TN | 04.08.2019 | field obs. | 1 | adult | dead in the lowest pond |
| Myodes glareolus | bank vole | SSSI west side | SP 548057 | AL | AL | 29.10.2016 | field obs. | 1m | adult | longworth trap run by Oxon Mammal Group |
| Rattus norvegicus | brown rat | east side SSSI | SP 548057 | JAW | JAW | 17.05.2017 | field obs. | 1 | adult | swimming in brook |
| Sorex araneus | common shrew | SSSI west side nr boardwalk | SP 548057 | RdA | RdA | 15.03.2017 | field obs. | 1 | adult | found dead |
| Talpa europaea | mole | east side SSSI | SP 548057 | JAW | JAW | 07.02.2015 | field obs. | numerous molehills | sign | fresh mole hills in the too-dry margin next stream |
| VERTEBRATES – BIRDS | | | | | | | | | | |
| Accipiter nisus | sparrowhawk | SSSI | SP 548057 | LOB | LOB | 09.02.2019 | field obs. | 1m | | |
| Aegithalos caudatus | long-tailed tit | LWS above the north fen SSSI | SP548059 | JAW | JAW | 10.01.2018 | field obs. | 4 | adult | |
| Alcedo atthis | kingfisher | west side SSSI | SP 548057 | LOB | LOB | 21.01.2018 | field obs. | 1 | adult | flying over ponds and stream |
| Alcedo atthis | kingfisher | SSSI | SP 548057 | RN | RN | 06.02.2019 | field obs. | 1 | adult | seen flying |
| Ardea cinerea | grey heron | east side SSSI | SP 548057 | JAW | JAW | 31.10.2018 | field obs. | 1 | adult | |
| Buteo buteo | buzzard | west side SSSI | SP 548057 | JAW | JAW | 05.07.2017 | field obs. | 1 | adult | |

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| Buteo buteo | buzzard | LWS below NORTH fen SSSI | SP546056 | JAW | JAW | 07.03.2018 | field obs. | 1 | adult | |
| Carduelis carduelis | goldfinches | east side SSSI | SP 548057 | JAW | JAW | 11.07.2018 | field obs. | 6 | adult | feeding on marsh thistle seed |
| Carduelis spinus | siskin | LWS above the north fen SSSI | SP548059 | LOB | LOB | 21.01.2018 | field obs. | flock of approx 8 | adult | feeding in grassland, head of valley |
| Coccothraustes coccothraustes | hawfinch | LWS above the north fen SSSI | SP548059 | LOB | LOB | 06.03.2018 | field obs. | 1 | adult | scrub |
| Corvus corax | raven | SSSI | SP 548057 | JAW | JAW | 11.09.2019 | field obs. | 1 | adult | flying over and calling |
| Egretta garzetta | little egret | LWS above the north fen SSSI | SP548059 | JAW | JAW | 06.03.2018 | field obs. | 1 | adult | interception ponds at valley head |
| Egretta garzetta | little egret | east side SSSI | SP 548057 | JAW | JAW | 08.05.2019 | field obs. | 1 | adult | on brook edge |
| Egretta garzetta | little egret | LWS below north fen SSSI | SP546056 | TG | TG | 14.03.2018 | field obs. | 1 | adult | seen in lowermost pond |
| Milvus milvus | red kite | LWS above SSSI | SP548059 | JAW | JAW | 13.02.2019 | field obs. | 1 | adult | |
| Motacilla cinerea | grey wagtail | SSSI | SP 548057 | LOB | LOB | 09.02.2019 | field obs. | 1 | adult | |
| Motacilla cinerea | grey wagtail | LWS below north fen SSSI | SP546056 | JAW | JAW | 21.02.2018 | field obs. | 1 | adult | in stream |
| Motacilla cinerea | grey wagtail | SSSI centre stream | SP 548057 | JAW | JAW | 28.03.2018 | field obs. | 1 | adult | along stream banks |
| Phylloscopus collybita | chiff-chaff | SSSI | SP 548057 | JAW | JAW | 01.05.2019 | field obs. | 1 | adult | singing |
| Rallus aquaticus | water rail | LWS below north fen SSSI | SP5468 0571 | MJC | MJC | 19.03.2018 | field obs. | 1 | adult | near bottom pond |
| Troglodytes troglodytes | wren | SSSI | SP 548057 | JAW | JAW | 21.03.2018 | field obs. | 1 | adult | in bank defence wattle structures |
| Turdus philomelos | song thrush | LWS above SSSI | SP548 060 | TG | TG | 06.02.2019 | field obs. | 1 | adult | heard singing |
| Turdus philomelos | song thrush | east side SSSI | SP 548057 | JAW | JAW | 08.05.2019 | field obs. | 1 | adult | carrying food |
| Turdus philomelos | song thrush | LWS below SSSI | SP546056 | JAW | JAW | 16.06.2019 | field obs. | 1 | adult | near ponds |

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| FUNGI | | | | | | | | | | |
| Agaricus bitorquis | pavement mushroom | The Slade entrance area | SP54893 06060 | JAW | JAW | 20.07.2016 | field obs. | 1 | | in area of dumped rubble |
| Auricularia auricula judae | jelly ear | LWS below north fen SSSI | SP546056 | JAW | JAW | 21.02.2018 | field obs. | 1 | | on dead elder branches |
| Bjerkandera adusta | smoky bracket | LWS below north fen SSSI | SP546056 | JAW | JAW | 07.02.2018 | field obs. | 1 | | on dead lying willow trunk |
| Calyptrella capula | bowl hoodie | west side SSSI | SP 548057 | JAW | JAW | 21.10.2018 | field obs. | 10 caps | | on dead base of marsh lousewort stem |
| Chondrostereum purpureum | silver leaf fungus | LWS above SSSI | SP548 059 | JAW | JAW | 14.10.2018 | field obs. | abundant | | dying willow stump |
| Daedaleopsis confragrosa | blushing bracket | LWS below west side SSSI | SP546056 | JAW | JAW | 31.10.2018 | field obs. | numerous brackets | | on fallen willow trunk |
| Flammulina velutipes | velvet shank | LWS above SSSI | SP548 059 | TN | JAW | 13.02.2019 | field obs. | 1 | | on dead elder wood |
| Ganoderma applanatum | artist's fungus | LWS west side below SSSI | SP546056 | JAW | JAW | 07.02.2018 | field obs. | 3 brackets | | on rotting willow log |
| Ganoderma adspersum | artist's bracket | SSSI west side nr boardwalk | SP 548057 | JAW | JAW | 26.10.2016 | field obs. | 3 brackets | | on dead willow stump |
| Hebeloma cf nigellum | a poison pie | LWS west side below SSSI | SP546056 | JAW | JAW | 26.10.2016 | field obs. | numerous caps | | under crack willows south of ponds |
| Hebeloma sacchariolens | sweet poison pie | LWS west side below SSSI | SP546056 | JAW | JAW | 25.09.2019 | field obs. | 7 caps | | in root zone of crack willow near pond |
| Hygrocybe conica | blackening waxcap | west side SSSI | SP 548057 | JAW | JAW | 26.09.2018 | field obs. | 3 | | |
| Hygrocybe conica | blackening waxcap | west side SSSI | SP 548057 | JAW | JAW | 03.10.2018 | field obs. | 1 | | |
| Hyphomyces rosellus | a red encrusting fungus | LWS above the north fen SSSI | SP548 059 | HA | JAW | 20.12.2017 | field obs. | 3 affected brackets | | growing on old brackets of Trametes versicolor |
| Kuehneromyces mutabilis, | two-toned pholiota | LWS above SSSI | SP548 059 | JAW | JAW | 14.10.2018 | field obs. | abundant | | dying willow stump |
| Lyomyces sambuci | elder whitewash | LWS below north fen SSSI | SP546056 | JAW | JAW | 21.02.2018 | field obs. | 1 | | on dead elder trunk |

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| Oxyporus populinus | poplar bracket | west side SSSI | SP 548057 | JAW | JAW | 04.09.2017 | field obs. | 5 | | on large dead trunk in stream |
| Pachyella violaceonigra | midnight disco | east side SSSI | SP 548057 | JAW | JAW | 19.03.2018 | field obs. | 1 cup | | on tufa just at spring line |
| Pachyella violaceonigra | midnight disco | west side SSSI | SP54764 05870 | JAW | JAW | 28.03.2019 | field obs. | 8 fruitbodies | | on peat/tufa surface of short fen |
| Panellus serotinus | olive oysterling | LWS below west side SSSI | SP546056 | JAW | JAW | 19.12.2018 | field obs. | 6 brackets | | on one dying willow branch |
| Phellinus ignarius | willow bracket | LWS below north fen SSSI | SP546056 | JAW | JAW | 21.02.2018 | field obs. | 1 | | on dead willow trunks by ponds |
| Phellinus pomaceus | cushion bracket | LWS below north fen SSSI | SP546056 | JAW | JAW | 21.02.2018 | field obs. | 1 | | on dead blackthorn top west side |
| Pleurotus ostreatus | oyster mushroom | LWS below north fen SSSI | SP546056 | JAW | JAW | 21.02.2018 | field obs. | 1 | | on dead willow trunk |
| Pluteus cervinus | deer shield | west side SSSI | SP 548057 | JAW | JAW | 31.10.2018 | field obs. | 1 | | on dead log |
| Polyporus brumalis | winter polypore | LWS below north fen SSSI | SP546056 | JAW | JAW | 21.02.2018 | field obs. | 3 caps | | on dead blackthorn branch |
| Polyporus squamosus | dryad's saddle | west side SSSI | SP 548057 | JAW | JAW | 19.09.2018 | field obs. | 1 | | willow stump |
| Postia stiptica | bitter bracket | west side SSSI | SP 548057 | JAW | JAW | 04.09.2017 | field obs. | 5 | | on large dead trunk in stream |
| Puccinia phragmatidis | red-spot fungus on dock leaves | east side SSSI | SP 548057 | JAW | JAW | 29.05.2016 | field obs. | occasional | | on dock leaves |
| Sarcoscypha sp | scarlet elf cup | LWS below north fen SSSI | SP546056 | JAW | JAW | 31.01.2018 | field obs. | 2 | | on wet rotting twigs by the ponds |
| Trametes gibbosa | lumpy bracket | LWS below north fen SSSI | SP546056 | JAW | JAW | 21.02.2018 | field obs. | 1 | | on dead fallen elder |
| Trametes suaveolens | aniseed bracket | LWS above the north fen SSSI | SP548 059 | JAW | JAW | 10.01.2018 | field obs. | 6 brackets | | growing on well-rotted fallen willow trunk |
| Trametes suaveolens | aniseed bracket | LWS above SSSI | SP54813 05952 | TG | JAW | 06.02.2019 | field obs. | 6 new brackets | | on one rotting fallen willow trunk |

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| Trametes versicolor | turkey tail | LWS above the north fen SSSI | SP548 059 | HA | JAW | 20.12.2017 | field obs. | 8 brackets | | on dead hawthorn branch |
| Tremella mesenterica | yellow brain | LWS below west side SSSI | SP546056 | JAW | JAW | 19.12.2018 | field obs. | 5 clumps | | on dead willow twigs |
| Triphragmidium ulmariae | rust on meadow sweet | Lye Valley N Fen SSSI | SP 548057 | JAW | JAW | 22.05.2013 | field obs. | occasional | | east side |
| Xylaria polymorpha | deadman's fingers | west side SSSI | SP 548057 | JAW | JAW | 22.10.2017 | field obs. | group of 5 | | on rotting willow stump |