

Full species record - data from Jan 2018 to end March 2019 Limestone grassland, scrub, trees, spring-fed calcareous flushes/fen areas, tufa-depositing stream

KEY: Collected/Determined JAW = J A Webb RN = R Newton JK = John Kramer
LSWFE = long south-west fen extension

Shading = noteworthy in terms of conservation

Species scientific name	Common name	Group	Sub site	Map reference	Date	Method	Coll.	Det.	Abundance/nos	Comment
ALGAE										
Chara sp	Stonewort	Alga	Pond	SP49170 05181	30.03.2019		JAW	JAW	50cm patch	
MOSSES & LIVERWORTS										
Cryphaea heteromalla	A moss	Moss	On trees generally	SP 492 052	15.03.2018		JAW	JAW	Locally frequent	
Cratoneuron filicinum	Fern-leaved hook-moss	Moss	LSWFE above fence	SP4913 0513 to SP4900 0504	19.04.2018		JAW	JAW	Occasional	
Brachythecium rutabulum	Rough-stalked feather-moss	Moss	LSWFE above fence	SP4913 0513 to SP4900 0504	19.04.2018		JAW	JAW	Frequent	
Plagiomnium undulatum	Hart's-tongue thyme moss	Moss	LSWFE above fence	SP4913 0513 to SP4900 0504	19.04.2018		JAW	JAW	Frequent	
Rhizomnium punctatum	Dotted thyme moss	Moss	LSWFE above fence	SP4913 0513 to SP4900 0504	19.04.2018		JAW	JAW	Rare	
Bryum pseudotriquetrum/ bimum	Marsh bryum	Moss	Top SW fen below fence	SP4915 0515	30.03.2019		JAW	JAW	8 scattered 5cm patches	
Lophocolea bidentata	Bifid crestwort	Liverwort	LSWFE above fence	SP4913 0513 to SP4900 0504	19.04.2018		JAW	JAW	Rare	On rotting logs
Pellia endiviifolia	Endive pellia	Liverwort	LSWFE above fence	SP4913 0513 to SP4900 0504	19.04.2018		JAW	JAW	Rare	

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FLOWERING PLANTS										
Acer pseudoplatanus	Sycamore	Flowering plant	LSWFE above fence	SP4913 0513 to SP4900 0504	19.04.2018		JAW	JAW	Occasional	
Achillea millefolium	Yarrow	Flowering plant	NE corner grassland	SP49352 05369	11.01.2018		JAW	JAW	Occasional	
Agrimonia eupatoria	Agrimony	Flowering plant	By paths	SP 492 052	09.08.2018		JAW	JAW	Occasional	
Allium paradoxum	Few-flowered garlic	Flowering plant	LSWFE above fence	SP4913 0513 to SP4900 0504	19.04.2018		JAW	JAW	Rare	
Allium ursinum	Wild garlic	Flowering plant	LSWFE above fence	SP4913 0513 to SP4900 0504	19.04.2018		JAW	JAW	Rare	
Arum maculatum	Cuckoo pint	Flowering plant	LSWFE above fence	SP4913 0513 to SP4900 0504	19.04.2018		JAW	JAW	Occasional	
Avenula pubescens	Hairy oat grass	Flowering plant	Top SW fen below fence	SP4915 0515	26.05.2018		JAW	JAW	Rare	East bank to causeway
Cardamine flexuosa	Wavy bittercress	Flowering plant	LSWFE above fence	SP4913 0513 to SP4900 0504	19.04.2018		JAW	JAW	Occasional	
Carex pendula	Pendulous sedge	Flowering plant	LSWFE above fence	SP4913 0513 to SP4900 0504	19.04.2018		JAW	JAW	Locally frequent	Towards the top of the valley
Chrysosplenium oppositifolium	Opposite leaved golden saxifrage	Flowering plant	LSWFE above fence	SP4913 0513 to SP4900 0504	19.04.2018		JAW	JAW	At least 6 patches	

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<i>Crataegus monogyna</i>	Common hawthorn	Flowering plant	LSWFE above fence	SP4913 0513 to SP4900 0504	19.04.2018		JAW	JAW	Occasional	
<i>Dactylorhiza fuchsii</i>	Common spotted orchid	Flowering plant	Top SW fen below fence	SP4915 0515	21.06.2018		JAW	JAW	Occasional	
<i>Dactylorhiza fuchsii</i>	Common spotted orchid	Flowering plant	LSWFE above fence	SP4913 0513 to SP4900 0504	21.06.2018		JAW	JAW	Occasional	
<i>Dactylorhiza fuchsii</i>	Common spotted orchid	Flowering plant	New cleared fen below causeway	SP4918 0519	21.06.2018		JAW	JAW	Rare	
<i>Eleocharis palustris</i>	Common spike rush	Flowering plant	Top SW fen below fence	SP4915 0515	26.05.2018		JAW	JAW	Occasional	Top fen
<i>Eleocharis uniglumis</i>	Slender spike rush	Flowering plant	Top SW fen below fence	SP4915 0515	09.08.2018		JAW	JAW	5-10m patch	
<i>Ficaria verna</i>	Lesser celandine	Flowering plant	LSWFE above fence	SP4913 0513 to SP4900 0504	19.04.2018		JAW	JAW	Occasional	
<i>Fraxinus excelsior</i>	Ash	Flowering plant	LSWFE above fence	SP4913 0513 to SP4900 0504	19.04.2018		JAW	JAW	Occasional	
<i>Glyceria notata</i>	Plicate sweet grass	Flowering plant	Top SW fen below fence	SP4915 0515	21.06.2018		JAW	JAW	Frequent	
<i>Holcus mollis</i>	Creeping soft grass	Flowering plant	LSWFE above fence	SP4913 0513 to SP4900 0504	21.06.2018		JAW	JAW	Occasional	
<i>Impatiens glandulifera</i>	Himalayan balsam	Flowering plant	LSWFE above fence	SP4913 0513 to SP4900 0504	19.04.2018		JAW	JAW	Locally frequent	
<i>Iris pseudacorus</i>	Yellow flag iris	Flowering plant	LSWFE above fence	SP4913 0513 to SP4900 0504	19.04.2018		JAW	JAW	Occasional	

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Isolepis setacea	Bristle club rush	Flowering plant	Fen restoration below causeway	SP4918 0519	09.08.2018		JAW	JAW	1 clump	
Juncus effusus	Soft rush	Flowering plant	Top SW fen below fence	SP4915 0515	09.08.2018		JAW	JAW	Locally frequent	
Malus sylvestris	Crab apple	Flowering plant	LSWFE above fence	SP4913 0513 to SP4900 0504	09.08.2018		JAW	JAW	1	Young tree just over the fence in long extension
Nymphaea sp	A water lily	Flowering plant	Pond	SP49170 05181	21.06.2018		JAW	JAW	One plant	
Odontites vernus	Red bartsia	Flowering plant	Edge fen to north	SP4918 0535	09.08.2018		JAW	JAW	2	
Ononis spinosa	Spiny rest harrow	Flowering plant	Fen to north by path	SP49154 05285	09.08.2018		JAW	JAW	1	
Phleum pratense	Timothy	Flowering plant	Fen restoration below causeway	SP4918 0519	09.08.2018		JAW	JAW	Rare	
Potamogeton crispus	Curled pondweed	Flowering plant	Pond	SP49170 05181	26.05.2018		JAW	JAW	Rare	
Ranunculus sceleratus	Celery leaved buttercup	Flowering plant	Fen restoration below causeway	SP4918 0519	09.08.2018		JAW	JAW	1	
Ranunculus bulbosus	Bulbous buttercup	Flowering plant	NE corner grassland	SP49352 05369	11.01.2018		JAW	JAW	Occasional	
Rubus fruticosus agg.	Bramble	Flowering plant	LSWFE above fence	SP4913 0513 to SP4900 0504	19.04.2018		JAW	JAW	Occasional	
Rumex pulcher	Fiddle dock	Flowering plant	Fen restoration below causeway	SP4918 0519	09.08.2018		JAW	JAW	Rare	

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Salix cinerea	Grey willow	Flowering plant	LSWFE above fence	SP4913 0513 to SP4900 0504	19.04.2018		JAW	JAW	Frequent	
Trifolium fragiferum	Strawberry clover	Flowering plant	Path	SP49121 05213	09.08.2018		JAW	JAW	Locally frequent	
Trifolium pratense	Red clover	Flowering plant	NE corner grassland	SP49352 05369	11.01.2018		JAW	JAW	Occasional	
Urtica dioica	Common nettle	Flowering plant	LSWFE above fence	SP4913 0513 to SP4900 0504	19.04.2018		JAW	JAW	Occasional	
Veronica chamaedrys	Germander speedwell	Flowering plant	NE corner grassland	SP49352 05369	11.01.2018		JAW	JAW	Occasional	
Vicia sativa	Common vetch	Flowering plant	NE corner grassland	SP49352 05369	11.01.2018		JAW	JAW	Rare	
FUNGI										
Auricularia auricula judae	Jelly ear	Fungus	Site centre	SP 492 052	15.03.2018		JAW	JAW	Frequent	On dead elder
Exidia glandulosa	Witches butter	Fungus	Near pond	SP49170 05181	15.03.2018		JAW	JAW	6 fruitbodies	On dead willow
Ganoderma applanatum	Artists fungus bracket	Fungus	On dead wood near pond	SP49170 05181	15.03.2018		JAW	JAW	Few brackets	On dead log
Hygrocybe virginea	Snowy waxcap	Fungus	NE corner grassland	SP49352 05369	11.01.2018		JAW	JAW	2 caps	In patch of low-nutrient grassland at that map ref. near hedge

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VERTEBRATES – AMPHIBIANS										
Lissotriton vulgaris	Smooth newt	Amphibian	Pond	SP49170 05181	26.05.2018		JAW	JAW	2 juveniles	
Lissotriton vulgaris	Smooth newt	Amphibian	Pond	SP49170 05181	15.03.2018		JAW	JAW	1m,1f	
Lissotriton vulgaris	Smooth newt	Amphibian	Pond	SP49170 05181	30.03.2019		RN	RN	1f	
Rana temporaria	Common frog	Amphibian	Pond	SP49170 05181	15.03.2018		JAW	JAW	33 spawn clumps	
Rana temporaria	Common frog	Amphibian	Lowermost pond near road	SP49378 05351	15.03.2018		JAW	JAW	6 spawn clumps	
Rana temporaria	Common frog	Amphibian	Pond	SP49170 05181	30.03.2019		JAW	JAW	Tadpoles	
Rana temporaria	Common frog	Amphibian	Pond	SP49170 05181	26.05.2018		JAW	JAW	1 tadpole	
Rana temporaria	Common frog	Amphibian	Pond	SP49170 05181	15.03.2018		JAW	JAW	2 mating pairs	
VERTEBRATES – BIRDS										
Buteo buteo	Buzzard	Bird	Top SW fen below fence	SP4915 0515	09.08.2018		JAW	JAW	1	
Carduelis carduelis	Goldfinch	Bird	Top SW fen below fence	SP4915 0515	09.08.2018		JAW	JAW	Flock	
VERTEBRATES – MAMMALS										
Oryctolagus cuniculus	Rabbit	Mammal	Site centre	SP 492 052	15.03.2018		JAW	JAW	2	
Capreolus capreolus	Roe deer	Mammal	Top SW fen below fence	SP4915 0515	09.08.2018		JAW	JAW	2	

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INVERTEBRATES – FLIES										
Anasimyia transfuga	A hoverfly	Fly	Top SW fen below fence	SP4915 0515	19.06.2018	Swept	JAW	JAW	1m,1f	Yellow pan trap in top fen
Baccha elongata	A hoverfly	Fly	LSWFE above fence	SP4913 0513 to SP4900 0504	21.06.2018	Swept	JAW	JAW	2	
Bombylius major	Dark edged beefly	Fly	Top SW fen below fence	SP4915 0515	30.03.2019	Swept	JAW	JAW	2	
Bombylius major	Dark edged beefly	Fly	LSWFE above fence	SP4913 0513 to SP4900 0504	19.04.2018	Swept	JAW	JAW	2	
Chrysopilus asiliformis	A snipefly	Fly	LSWFE above fence	SP4913 0513 to SP4900 0504	21.06.2018	Swept	JAW	JAW	2	
Chrysopilus cristatus	Black snipe fly	Fly	Top SW fen below fence	SP4915 0515	26.05.2018	Swept	JAW	JAW	3	
Chrysopilus cristatus	Black snipe fly	Fly	Top SW fen below fence	SP4915 0515	19.06.2018	Swept	JAW	JAW	Numerous	
Dexiosoma caninum	A tachinid fly	Fly	Top SW fen below fence	SP4915 0515	09.08.2018	Swept	JAW	JAW	1	
Dioctria linearis	Small yellow legged robberfly	Fly	LSWFE above fence	SP4913 0513 to SP4900 0504	21.06.2018	Swept	JAW	JAW	1	
Ellipteroides lateralis	A cranefly	Fly	LSWFE above fence	SP4913 0513 to SP4900 0504	21.06.2018	Swept	JAW	JAW	3	
Empis trigramma	An empid fly	Fly	LSWFE above fence	SP4913 0513 to SP4900 0504	21.06.2018	Swept	JAW	JAW	2f	

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<i>Eriothrix rufomaculata</i>	A tachinid fly	Fly	Top SW fen below fence	SP4915 0515	09.08.2018	Swept	JAW	JAW	1	
<i>Eristalinus sepulchralis</i>	Spotty eyed hoverfly	Fly	Top SW fen below fence	SP4915 0515	26.05.2018	Swept	JAW	JAW	1	
<i>Fernandinea cuprea</i>	A hoverfly	Fly	Top SW fen below fence	SP4915 0515	09.08.2018	Swept	JAW	JAW	1	
<i>Gonomyia</i> sp.	Crane fly	Fly	LSWFE above fence	SP4913 0513 to SP4900 0504	21.06.2018	Swept	JAW	JAW	1	
<i>Helophilus pendulus</i>	A hoverfly	Fly	Top SW fen below fence	SP4915 0515	09.08.2018	Swept	JAW	JAW	1	
<i>Leptogaster cylindrica</i>	A robberfly	Fly	Top SW fen below fence	SP4915 0515	19.06.2018	Swept	JAW	JAW	1	
<i>Lipsothrix remota</i>	Yellow splinter crane fly	Fly	LSWFE above fence	SP4913 0513 to SP4900 0504	02.05.2018	Reared	JAW	JAW	4 m & 5f	Reared from tufa
<i>Mesembrina meridiana</i>	A muscid fly	Fly	Top SW fen below fence	SP4915 0515	09.08.2018	Yellow pan trap	JAW	JAW	1	
<i>Musca autumnalis</i>	Face fly	Fly	Top SW fen below fence	SP4915 0515	19.06.2018	Swept	JAW	JAW	1	Yellow pan trap in top fen
<i>Nemotelus nigrinus</i>	All black snout	Fly	Top SW fen below fence	SP4915 0515	26.05.2018	Swept	JAW	JAW	1f	
<i>Nemotelus pantherinus</i>	Fen snout	Fly	Top SW fen below fence	SP4915 0515	26.05.2018	Yellow pan trap	JAW	JAW	1f	Yellow pan trap in top fen
<i>Neoascia</i> sp	A hoverfly	Fly	LSWFE above fence	SP4913 0513 to SP4900 0504	21.06.2018	Swept	JAW	JAW	1	

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Neoascia sp cf interrupta	A hoverfly	Fly	Top SW fen below fence	SP4915 0515	26.05.2018	Swept	JAW	JAW	3	
Nigrotipula nigra	Chocolate crane-fly	Fly	New cleared fen below causeway	SP4918 0519	21.06.2018	Swept	JAW	JAW	1m	
Orthonevra/Riponnesia splendens	A hoverfly	Fly	Top SW fen below fence	SP4915 0515	26.05.2018	Swept	JAW	JAW	1	
Oxycera analis	Dark winged soldier	Fly	LSWFE above fence	SP4913 0513 to SP4900 0504	21.06.2018	Swept	JAW	JAW	1m	
Oxycera nigricornis	Delicate soldierfly	Fly	Top SW fen below fence	SP4915 0515	19.06.2018	Swept	JAW	JAW	1f	Swept from fen veg
Paykullia maculata	A rhinophorid fly	Fly	Top SW fen below fence	SP4915 0515	09.08.2018	Swept	JAW	JAW	1	
Pedicia rivosa	A large crane-fly	Fly	LSWFE above fence	SP4913 0513 to SP4900 0504	19.04.2018		JAW	JK	2 larvae	Under tufa encrusted logs in stream
Peplomyza litura	A lauxaniid fly	Fly	LSWFE above fence	SP4913 0513 to SP4900 0504	21.06.2018	Swept	JAW	JAW	1	
Phasia sp	A tachinid fly	Fly	Top SW fen below fence	SP4915 0515	19.06.2018	Swept	JAW	JAW	1	
Rhagio scolopacea	Downlooker snipefly	Fly	Top SW fen below fence	SP4915 0515	26.05.2018	Swept	JAW	JAW	1	
Rhingia campestris	Hoverfly	Fly	Top SW fen below fence	SP4915 0515	26.05.2018	Swept	JAW	JAW	1	

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Sphaerophoria sp	A hoverfly	Fly	Top SW fen below fence	SP4915 0515	19.06.2018	Swept	JAW	JAW	1	
Sphenella marginata	Senecio gall fly	Fly	Fen restoration below causeway	SP4918 0519	09.08.2018		JAW	JAW	10 galls on one plant	As galls on groundsel flower buds
Stratiomys potamida	Banded general soldierfly	Fly	New cleared fen below causeway	SP4918 0519	21.06.2018	Swept	JAW	JAW	1f	
Tipula fulvipennis	A cranefly	Fly	LSWFE above fence	SP4913 0513 to SP4900 0504	21.06.2018	Swept	JAW	JAW	1m	
Tipula maxima	Giant cranefly	Fly	LSWFE above fence	SP4913 0513 to SP4900 0504	19.04.2018	Swept	JAW	JAW	2 larvae	
Tipula maxima	Giant cranefly	Fly	Top SW fen below fence	SP4915 0515	26.05.2018	Swept	JAW	JAW	1	
Tipula vernalis	A cranefly	Fly	Top SW fen below fence	SP4915 0515	26.05.2018	Swept	JAW	JAW	1	
Tipula vittata	A cranefly	Fly	LSWFE above fence	SP4913 0513 to SP4900 0504	19.04.2018	Swept	JAW	JAW	Mating pair	
Urophora stylata	A tephritid fly	Fly	Top SW fen below fence	SP4915 0515	19.06.2018	Swept	JAW	JAW	2	Swept from thistles
Xylota segnis	A deadwood hoverfly	Fly	Top SW fen below fence	SP4915 0515	19.06.2018	Swept	JAW	JAW	1	

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INVERTEBRATES – BEETLES										
<i>Apion frumentarium</i>	A red weevil	Beetle	Top SW fen below fence	SP4915 0515	26.05.2018	Swept	JAW	JAW	1	
<i>Cantharis rustica</i>	A soldierbeetle	Beetle	Top SW fen below fence	SP4915 0515	26.05.2018	Swept	JAW	JAW	1	
<i>Cionus alauda</i>	A figwort weevil	Beetle	Top SW fen below fence	SP4915 0515	19.06.2018	Swept	JAW	JAW	1	
<i>Cionus tuberculatus</i>	A figwort weevil	Beetle	Top SW fen below fence	SP4915 0515	19.06.2018	Swept	JAW	JAW	1	
<i>Oedemera nobilis</i>	Thick-kneed flower beetle	Beetle	Top SW fen below fence	SP4915 0515	26.05.2018	Swept	JAW	JAW	2m	
<i>Phyllopertha horticola</i>	Garden chafer	Beetle	Top SW fen below fence	SP4915 0515	26.05.2018	Swept	JAW	JAW	1	
<i>Pseudovadonia livida</i>	Fairy ring longhorn beetle	Beetle	Top SW fen below fence	SP4915 0515	21.06.2018	Swept	JAW	JAW	1	Swept from flowers in fen
<i>Subcoccinella vigintiquattuorpunctata</i>	24 spot ladybird	Beetle	Top SW fen below fence	SP4915 0515	26.05.2018	Swept	JAW	JAW	1	
<i>Tytthaspis sedecimpunctata</i>	16 spot ladybird	Beetle	Top SW fen below fence	SP4915 0515	26.05.2018	Swept	JAW	JAW	1	

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INVERTS – MOTHS AND BUTTERFLIES										
<i>Aglais urticae</i>	Small tortoiseshell	Butterfly	Park area in general	SP 492 052	19.04.2018		JAW	JAW	1	
<i>Anthocharis cardamines</i>	Orange tip	Butterfly	Park area in general	SP 492 052	19.04.2018		JAW	JAW	1m	
<i>Anthocharis cardamines</i>	Orange tip	Butterfly	Top SW fen below fence	SP4915 0515	30.03.2019		JAW	JAW	1m	
<i>Celastrina argiolus</i>	Holly blue	Butterfly	Park area in general	SP 492 052	19.04.2018		JAW	JAW	1	
<i>Gonepteryx rhamni</i>	Brimstone	Butterfly	Top SW fen below fence	SP4915 0515	30.03.2019		JAW	JAW	2m	
<i>Gonepteryx rhamni</i>	Brimstone	Butterfly	Long south west fen extension above fence	SP4913 0513 to SP4900 0504	19.04.2018		JAW	JAW	1m	
<i>Inachis io</i>	Peacock	Butterfly	Park area in general	SP 492 052	19.04.2018		JAW	JAW	1	
<i>Inachis io</i>	Peacock	Butterfly	Top SW fen below fence	SP4915 0515	26.05.2018		JAW	JAW	1	
<i>Maniola jurtina</i>	Meadow brown	Butterfly	Top SW fen below fence	SP4915 0515	19.06.2018		JAW	JAW	3	
<i>Maniola jurtina</i>	Meadow brown	Butterfly	New cleared fen below causeway	SP4918 0519	21.06.2018		JAW	JAW	1	
<i>Ochlodes sylvanus</i>	Large skipper	Butterfly	Top SW fen below fence	SP4915 0515	21.06.2018		JAW	JAW	1	
<i>Ochlodes sylvanus</i>	Large skipper	Butterfly	New cleared fen below causeway	SP4918 0519	21.06.2018	Swept	JAW	JAW	1	

Full species record - data from Jan 2018 to end March 2019 Limestone grassland, scrub, trees, spring-fed calcareous flushes/fen areas, tufa-depositing stream

KEY: Collected/Determined JAW = J A Webb RN = R Newton JK = John Kramer

LSWFE = long south-west fen extension

Shading = noteworthy in terms of conservation

Species scientific name	Common name	Group	Sub site	Map reference	Date	Method	Coll.	Det.	Abundance/nos	Comment
Pararge aegeria	Speckled wood	Butterfly	Top SW fen below fence	SP4915 0515	21.06.2018		JAW	JAW	1	
Pararge aegeria	Speckled wood	Butterfly	Top SW fen below fence	SP4915 0515	09.08.2018		JAW	JAW	1	
Polyommatus icarus	Common blue	Butterfly	Top SW fen below fence	SP4915 0515	19.06.2018		JAW	JAW	1m	
Vanessa atalanta	Red admiral	Butterfly	New cleared fen below causeway	SP4918 0519	21.06.2018		JAW	JAW	1	
Abraxas grossulariata	Magpie moth	Moth	LSWFE above fence	SP4913 0513 to SP4900 0504	21.06.2018	Swept	JAW	JAW	1	
Callimorpha dominula	Scarlet tiger moth	Moth	Top SW fen below fence	SP4915 0515	19.06.2018		JAW	JAW	1	On veg by pond
Orgyia antiqua	Vapourer moth	Moth	Top SW fen below fence	SP4915 0515	09.08.2018		JAW	JAW	1 caterpillar	
Pyrausta aurata	Mint moth	Moth	Top SW fen below fence	SP4915 0515	09.08.2018		JAW	JAW	1	
OTHER INVERTEBRATES										
Hydrometra stagnorum	Water measurer	Hemiptera	Pond	SP49170 05181	26.05.2018		JAW	JAW	1	
Leptopterna dolabrata	A grass bug	Hemiptera	Top SW fen below fence	SP4915 0515	19.06.2018		JAW	JAW	1m	
Coreus marginatus	Squash bug	Hemiptera	Fen restoration below causeway	SP4918 0519	09.08.2018		JAW	JAW	3	
Dictyla convergens	A lace bug	Hemiptera	Top SW fen below fence	SP4915 0515	21.06.2018	Swept	JAW	JAW	Numerous	

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Species scientific name	Common name	Group	Sub site	Map reference	Date	Method	Coll.	Det.	Abundance/nos	Comment
Bombus terrestris	Buff tailed bumble bee	Hymenoptera	Park area in general	SP 492 052	19.04.2018		JAW	JAW	1q	
Lasius brunneus	Brown tree ant	Hymenoptera	LSWFE above fence	SP4913 0513 to SP4900 0504	19.04.2018		JAW	JAW	Numerous workers	Running along branch over stream
Andrena cineraria	Ashy mining bee	Hymenoptera	Top SW fen below fence	SP4915 0515	26.05.2018		JAW	JAW	1f	
Megachile sp	A leaf cutter bee	Hymenoptera	Top SW fen below fence	SP4915 0515	26.05.2018		JAW	JAW	1f	
Bombus pascuorum	Common carder bumble bee	Hymenoptera	Fen restoration below causeway	SP4918 0519	09.08.2018		JAW	JAW	1	
Tenthredo scrophulariae	Figwort sawfly	Hymenoptera	Fen restoration below causeway	SP4918 0519	09.08.2018		JAW	JAW	1	
Andrena fulva	Foxy mining bee	Hymenoptera	Grassland	SP 492 052	30.03.2019		JAW	JAW	1f	
Enallagma cyathigerum	Common blue damselfly	Odonata	Top SW fen below fence	SP4915 0515	19.06.2018		JAW	JAW	1m	
Orthetrum coerulescens	Keeled skimmer	Odonata	Top SW fen below fence	SP4915 0515	19.06.2018		JAW	JAW	1m	
Tetrix subulata	Slender groundhopper	Orthoptera	Top SW fen below fence	SP4915 0515	09.08.2018		JAW	JAW	1	
Pholidoptera griseoptera	Dark bush cricket	Orthoptera	Fen restoration below causeway	SP4918 0519	09.08.2018		JAW	JAW	2m,1f	

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Species scientific name	Common name	Group	Sub site	Map reference	Date	Method	Coll.	Det.	Abundance/nos	Comment
Omocestus viridulus	Common green grasshopper	Orthoptera	Fen restoration below causeway	SP4918 0519	09.08.2018		JAW	JAW	1	
Haemopis sanguisuga	Horse leech	Annelid	Long south-west fen extension above fence	SP4913 0513 to SP4900 0504	19.04.2018		JAW	JAW	1	Under tufa encrusted logs in stream